Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	59	2200	59.916666667		02/28/2010 22:00	117.03	1.64391	0.336	17.31	0.364	13.21	43.5358	104.8592906	104.912874	1.170329	104.882884	
2010	59	2300	59.958333333		02/28/2010 23:00	116.93	1.64251	0.336	17.32	0.364	13.16	43.5389	104.8583381	104.911921	1.169329	104.881884	
2010	59	2400	60.000000000		03/01/2010 0:00	116.71	1.63942	0.336	17.33	0.364	13.11	43.5458	104.8562426	104.909826	1.167129	104.879684	
2010	60	100	60.041666667		03/01/2010 1:00	116.59	1.63773	0.336	17.32	0.364	13.07	43.5495	104.8550996	104.908683	1.165929	104.878484	
2010	60	200	60.083333333		03/01/2010 2:00	116.51	1.63661	0.336	17.33	0.364	13.03	43.5520	104.8543376	104.907921	1.165129	104.877684	
2010	60	300	60.125000000		03/01/2010 3:00	116.46	1.63590	0.336	17.32	0.364	12.99	43.5536	104.8538613	104.907445	1.164629	104.877184	
2010	60	400	60.166666667		03/01/2010 4:00	116.37	1.63464	0.336	17.34	0.364	12.94	43.5564	104.8530041	104.906587	1.163729	104.876284	
2010	60	500	60.208333333		03/01/2010 5:00	116.32	1.63394	0.336	17.33	0.364	12.9	43.5580	104.8525278	104.906111	1.163229	104.875784	
2010	60	600	60.250000000		03/01/2010 6:00	116.31	1.63380	0.336	17.32	0.364	12.88	43.5583	104.8524326	104.906016	1.163129	104.875684	
2010	60	700	60.291666667		03/01/2010 7:00	116.3	1.63366	0.336	17.33	0.364	14.07	43.5586	104.8523373	104.905921	1.163029	104.875584	
2010	60	800	60.333333333		03/01/2010 8:00	116.34	1.63422	0.336	17.31	0.364	14.06	43.5574	104.8527183	104.906302	1.163429	104.875984	
2010	60	900	60.375000000		03/01/2010 9:00	116.35	1.63436	0.336	17.35	0.364	13.99	43.5570	104.8528136	104.906397	1.163529	104.876084	
2010	60	1000	60.416666667		03/01/2010 10:00	116.44	1.63562	0.336	17.36	0.364	13.89	43.5542	104.8536708	104.907254	1.164429	104.876984	
2010	60	1100	60.458333333		03/01/2010 11:00	116.54	1.63703	0.336	17.34	0.364	13.83	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	60	1200	60.500000000		03/01/2010 12:00	116.5	1.63647	0.336	17.31	0.364	13.8	43.5524	104.8542423	104.907826	1.165029	104.877584	
2010	60	1300	60.541666667		03/01/2010 13:00	116.57	1.63745	0.336	17.33	0.364	13.75	43.5502	104.8549091	104.908492	1.165729	104.878284	
2010	60	1400	60.583333333		03/01/2010 14:00	116.54	1.63703	0.336	17.34	0.364	13.72	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	60	1500	60.625000000		03/01/2010 15:00	116.59	1.63773	0.336	17.34	0.364	13.7	43.5495	104.8550996	104.908683	1.165929	104.878484	
2010	60	1600	60.666666667		03/01/2010 16:00	116.61	1.63801	0.336	17.33	0.364	13.71	43.5489	104.8552901	104.908873	1.166129	104.878684	
2010	60	1700	60.708333333		03/01/2010 17:00	116.64	1.63843	0.336	17.32	0.364	13.67	43.5480	104.8555758	104.909159	1.166429	104.878984	
2010	60	1800	60.750000000		03/01/2010 18:00	116.67	1.63885	0.336	17.33	0.364	13.53	43.5470	104.8558616	104.909445	1.166729	104.879284	
2010	60	1900	60.791666667		03/01/2010 19:00	116.67	1.63885	0.336	17.35	0.364	13.43	43.5470	104.8558616	104.909445	1.166729	104.879284	
2010	60	2000	60.833333333		03/01/2010 20:00	116.69	1.63913	0.336	17.33	0.364	13.36	43.5464	104.8560521	104.909635	1.166929	104.879484	
2010	60	2100	60.875000000		03/01/2010 21:00	116.71	1.63942	0.336	17.33	0.364	13.31	43.5458	104.8562426	104.909826	1.167129	104.879684	
2010	60	2200	60.916666667		03/01/2010 22:00	116.64	1.63843	0.336	17.35	0.364	13.26	43.5480	104.8555758	104.909159	1.166429	104.878984	
2010	60	2300	60.958333333		03/01/2010 23:00	116.53	1.63689	0.336	17.33	0.364	13.19	43.5514	104.8545281	104.908111	1.165329	104.877884	
2010	60	2400	61.000000000		03/02/2010 0:00	116.49	1.63633	0.336	17.37	0.364	13.15	43.5527	104.8541471	104.907730	1.164929	104.877484	
2010	61	100	61.041666667		03/02/2010 1:00	116.41	1.63520	0.336	17.32	0.364	13.11	43.5552	104.8533851	104.906968	1.164129	104.876684	
2010	61	200	61.083333333		03/02/2010 2:00	116.34	1.63422	0.336	17.31	0.364	13.07	43.5574	104.8527183	104.906302	1.163429	104.875984	
2010	61	300	61.125000000		03/02/2010 3:00	116.36	1.63450	0.336	17.34	0.364	13.02	43.5567	104.8529088	104.906492	1.163629	104.876184	
2010	61	400	61.166666667		03/02/2010 4:00	116.47	1.63604	0.336	17.33	0.364	12.98	43.5533	104.8539566	104.907540	1.164729	104.877284	
2010	61	500	61.208333333		03/02/2010 5:00	116.47	1.63604	0.336	17.33	0.364	12.94	43.5533	104.8539566	104.907540	1.164729	104.877284	
2010	61	600	61.250000000		03/02/2010 6:00	116.74	1.63984	0.336	17.32	0.364	12.9	43.5449	104.8565283	104.910112	1.167429	104.879984	
2010	61	700	61.291666667		03/02/2010 7:00	116.46	1.63590	0.336	17.33	0.364	12.87	43.5536	104.8538613	104.907445	1.164629	104.877184	
2010	61	800	61.333333333		03/02/2010 8:00	116.97	1.64307	0.336	17.33	0.364	13.44	43.5377	104.8587191	104.912302	1.169729	104.882284	
2010	61	900	61.375000000		03/02/2010 9:00	117.09	1.64475	0.336	17.32	0.364	13.97	43.5339	104.8598621	104.913445	1.170929	104.883484	
2010	61	1000	61.416666667		03/02/2010 10:00	117.22	1.64658	0.336	17.33	0.364	13.87	43.5299	104.8611004	104.914684	1.172229	104.884784	
2010	61	1100	61.458333333		03/02/2010 11:00	117.26	1.64714	0.336	17.35	0.364	13.84	43.5286	104.8614814	104.915065	1.172629	104.885184	
2010	61	1200	61.500000000		03/02/2010 12:00	117.21	1.64644	0.336	17.34	0.364	13.76	43.5302	104.8610051	104.914588	1.172129	104.884684	
2010	61	1300	61.541666667		03/02/2010 13:00	117.2	1.64630	0.336	17.34	0.364	13.67	43.5305	104.8609099	104.914493	1.172029	104.884584	
2010	61	1400	61.583333333		03/02/2010 14:00	117.12	1.64517	0.336	17.33	0.364	13.61	43.5330	104.8601479	104.913731	1.171229	104.883784	
2010	61	1500	61.625000000		03/02/2010 15:00	117.02	1.64377	0.336	17.35	0.364	13.56	43.5361	104.8591954	104.912779	1.170229	104.882784	
2010	61	1600	61.666666667		03/02/2010 16:00	116.88	1.64180	0.336	17.35	0.364	13.62	43.5405	104.8578619	104.911445	1.168829	104.881384	
2010	61	1700	61.708333333		03/02/2010 17:00	116.77	1.64026	0.336	17.33	0.364	13.56	43.5439	104.8568141	104.910397	1.167729	104.880284	
2010	61	1800	61.750000000		03/02/2010 18:00	116.62	1.63815	0.336	17.34	0.364	13.43	43.5486	104.8553853	104.908969	1.166229	104.878784	
2010	61	1900	61.791666667		03/02/2010 19:00	116.57	1.63745	0.336	17.33	0.364	13.34	43.5502	104.8549091	104.908492	1.165729	104.878284	
2010	61	2000	61.833333333		03/02/2010 20:00	116.41	1.63520	0.336	17.34	0.364	13.28	43.5552	104.8533851	104.906968	1.164129	104.876684	
2010	61	2100	61.875000000		03/02/2010 21:00	116.3	1.63366	0.336	17.34	0.364	13.22	43.5586	104.8523373	104.905921	1.163029	104.875584	
2010	61	2200	61.916666667		03/02/2010 22:00	116.12	1.63113	0.336	17.35	0.364	13.17	43.5642	104.8506228	104.904206	1.161229	104.873784	
2010	61	2300	61.958333333		03/02/2010 23:00	116.01	1.62958	0.336	17.36	0.364	13.12	43.5677	104.8495751	104.903158	1.160129	104.872684	
2010	61	2400	62.000000000		03/03/2010 0:00	116.06	1.63029	0.336	17.33	0.364	13.07	43.5661	104.8500513	104.903635	1.160629	104.873184	
2010	62	100	62.041666667		03/03/2010 1:00	116.02	1.62972	0.336	17.33	0.364	13.03	43.5674	104.8496703	104.903254	1.160229	104.872784	
2010	62	200	62.083333333		03/03/2010 2:00	116.2	1.63225	0.336	17.34	0.364	12.99	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	62	300	62.125000000		03/03/2010 3:00	116.29	1.63352	0.336	17.33	0.364	12.95	43.5589	104.8522421	104.905825	1.162929	104.875484	
2010	62	400	62.166666667		03/03/2010 4:00	116.45	1.63576	0.336	17.34	0.364	12.92	43.5539	104.8537661	104.907349	1.164529	104.877084	
2010	62	500	62.208333333		03/03/2010 5:00	116.58	1.63759	0.336	17.34	0.364	12.88	43.5499	104.8550043	104.908588	1.165829	104.878384	
2010	62	600	62.250000000		03/03/2010 6:00	116.75	1.63998	0.336	17.33	0.364	12.86	43.5445	104.8566236	104.910207	1.167529	104.880084	
2010	62	700	62.291666667		03/03/2010 7:00	116.9	1.64208	0.336	17.33	0.364	12.84	43.5399	104.8580524	104.911636	1.169029	104.881584	
2010	62	800	62.333333333		03/03/2010 8:00	116.95	1.64279	0.336	17.33	0.364	13.88	43.5383	104.8585286	104.912112	1.169529	104.882084	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	62	900	62.375000000		03/03/2010 9:00	117.07	1.64447	0.336	17.31	0.364	13.88	43.5345	104.8596716	104.913255	1.170729	104.883284	
2010	62	1000	62.416666667		03/03/2010 10:00	117.09	1.64475	0.336	17.34	0.364	13.81	43.5339	104.8598621	104.913445	1.170929	104.883484	
2010	62	1100	62.458333333		03/03/2010 11:00	117.11	1.64503	0.336	17.34	0.364	13.75	43.5333	104.8600526	104.913636	1.171129	104.883684	
2010	62	1200	62.500000000		03/03/2010 12:00	116.96	1.64293	0.336	17.34	0.364	13.69	43.5380	104.8586239	104.912207	1.169629	104.882184	
2010	62	1300	62.541666667		03/03/2010 13:00	116.92	1.64237	0.336	17.35	0.364	13.64	43.5392	104.8582429	104.911826	1.169229	104.881784	
2010	62	1400	62.583333333		03/03/2010 14:00	116.75	1.63998	0.336	17.33	0.364	13.6	43.5445	104.8566236	104.910207	1.167529	104.880084	
2010	62	1500	62.625000000		03/03/2010 15:00	116.71	1.63942	0.336	17.35	0.364	13.63	43.5458	104.8562426	104.909826	1.167129	104.879684	
2010	62	1600	62.666666667		03/03/2010 16:00	116.54	1.63703	0.336	17.35	0.364	13.66	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	62	1700	62.708333333		03/03/2010 17:00	116.38	1.63478	0.336	17.34	0.364	13.64	43.5561	104.8530993	104.906683	1.163829	104.876384	
2010	62	1800	62.750000000		03/03/2010 18:00	116.22	1.63253	0.336	17.35	0.364	13.49	43.5611	104.8515753	104.905159	1.162229	104.874784	
2010	62	1900	62.791666667		03/03/2010 19:00	116.1	1.63085	0.336	17.34	0.364	13.4	43.5649	104.8504323	104.904016	1.161029	104.873584	
2010	62	2000	62.833333333		03/03/2010 20:00	115.98	1.62916	0.336	17.34	0.364	13.34	43.5686	104.8492893	104.902873	1.159829	104.872384	
2010	62	2100	62.875000000		03/03/2010 21:00	115.92	1.62832	0.336	17.35	0.364	13.28	43.5705	104.8487178	104.902301	1.159229	104.871784	
2010	62	2200	62.916666667		03/03/2010 22:00	115.83	1.62705	0.336	17.33	0.364	13.22	43.5733	104.8478605	104.901444	1.158329	104.870884	
2010	62	2300	62.958333333		03/03/2010 23:00	115.76	1.62607	0.336	17.31	0.364	13.17	43.5755	104.8471938	104.900777	1.157629	104.870184	
2010	62	2400	63.000000000		03/04/2010 0:00	115.69	1.62509	0.336	17.35	0.364	13.13	43.5777	104.846527	104.900110	1.156929	104.869484	
2010	63	100	63.041666667		03/04/2010 1:00	115.62	1.62410	0.336	17.32	0.364	13.09	43.5799	104.8458603	104.899444	1.156229	104.868784	
2010	63	200	63.083333333		03/04/2010 2:00	115.66	1.62467	0.336	17.31	0.364	13.04	43.5786	104.8462413	104.899825	1.156629	104.869184	
2010	63	300	63.125000000		03/04/2010 3:00	115.73	1.62565	0.336	17.34	0.364	13	43.5764	104.846908	104.900491	1.157329	104.869884	
2010	63	400	63.166666667		03/04/2010 4:00	115.91	1.62818	0.336	17.34	0.364	12.96	43.5708	104.8486226	104.902206	1.159129	104.871684	
2010	63	500	63.208333333		03/04/2010 5:00	116.1	1.63085	0.336	17.33	0.364	12.92	43.5649	104.8504323	104.904016	1.161029	104.873584	
2010	63	600	63.250000000		03/04/2010 6:00	116.37	1.63464	0.336	17.33	0.364	12.89	43.5564	104.8530041	104.906587	1.163729	104.876284	
2010	63	700	63.291666667		03/04/2010 7:00	116.56	1.63731	0.336	17.35	0.364	14.06	43.5505	104.8548138	104.908397	1.165629	104.878184	
2010	63	800	63.333333333		03/04/2010 8:00	116.89	1.64194	0.336	17.32	0.364	14.05	43.5402	104.8579571	104.911540	1.168929	104.881484	
2010	63	900	63.375000000		03/04/2010 9:00	117.13	1.64532	0.336	17.35	0.364	13.95	43.5327	104.8602431	104.913826	1.171329	104.883884	
2010	63	1000	63.416666667		03/04/2010 10:00	117.36	1.64855	0.336	17.34	0.364	13.86	43.5255	104.8624339	104.916017	1.173629	104.886185	
2010	63	1100	63.458333333		03/04/2010 11:00	117.54	1.65107	0.336	17.34	0.364	13.79	43.5199	104.8641484	104.917732	1.175429	104.887985	
2010	63	1200	63.500000000		03/04/2010 12:00	117.71	1.65346	0.336	17.34	0.364	13.74	43.5145	104.8657676	104.919351	1.177129	104.889685	
2010	63	1300	63.541666667		03/04/2010 13:00	117.75	1.65402	0.336	17.34	0.364	13.71	43.5133	104.8661487	104.919732	1.177529	104.890085	
2010	63	1400	63.583333333		03/04/2010 14:00	117.86	1.65557	0.336	17.35	0.364	13.66	43.5099	104.8671964	104.920780	1.178629	104.891185	
2010	63	1500	63.625000000		03/04/2010 15:00	117.93	1.65655	0.336	17.34	0.364	13.67	43.5077	104.8678632	104.921446	1.179329	104.891885	
2010	63	1600	63.666666667		03/04/2010 16:00	118.02	1.65782	0.336	17.35	0.364	13.67	43.5049	104.8687204	104.922304	1.180229	104.892785	
2010	63	1700	63.708333333		03/04/2010 17:00	118.06	1.65838	0.336	17.34	0.364	13.59	43.5036	104.8691014	104.922685	1.180629	104.893185	
2010	63	1800	63.750000000		03/04/2010 18:00	118.16	1.65978	0.336	17.33	0.364	13.47	43.5005	104.8700539	104.923637	1.181629	104.894185	
2010	63	1900	63.791666667		03/04/2010 19:00	118.27	1.66133	0.336	17.37	0.364	13.39	43.4970	104.8711017	104.924685	1.182729	104.895285	
2010	63	2000	63.833333333		03/04/2010 20:00	118.39	1.66301	0.336	17.33	0.364	13.32	43.4933	104.8722447	104.925828	1.183929	104.896485	
2010	63	2100	63.875000000		03/04/2010 21:00	118.5	1.66456	0.336	17.32	0.364	13.26	43.4899	104.8732924	104.926876	1.185029	104.897585	
2010	63	2200	63.916666667		03/04/2010 22:00	118.58	1.66568	0.336	17.32	0.364	13.22	43.4874	104.8740544	104.927638	1.185829	104.898385	
2010	63	2300	63.958333333		03/04/2010 23:00	118.69	1.66723	0.336	17.36	0.364	13.17	43.4839	104.8751022	104.928685	1.186929	104.899485	
2010	63	2400	64.000000000		03/05/2010 0:00	118.77	1.66835	0.336	17.34	0.364	13.13	43.4814	104.8758642	104.929447	1.187729	104.900285	
2010	64	100	64.041666667		03/05/2010 1:00	118.88	1.66990	0.336	17.34	0.364	13.08	43.4780	104.876912	104.930495	1.188829	104.901385	
2010	64	200	64.083333333		03/05/2010 2:00	119.01	1.67172	0.336	17.36	0.364	13.03	43.4739	104.8781502	104.931733	1.190129	104.902685	
2010	64	300	64.125000000		03/05/2010 3:00	119.19	1.67425	0.336	17.32	0.364	12.99	43.4683	104.8798647	104.933448	1.191929	104.904485	
2010	64	400	64.166666667		03/05/2010 4:00	119.36	1.67664	0.336	17.33	0.364	12.95	43.4630	104.881484	104.935067	1.193629	104.906185	
2010	64	500	64.208333333		03/05/2010 5:00	119.58	1.67973	0.336	17.34	0.364	12.92	43.4561	104.8835795	104.937163	1.195829	104.908385	
2010	64	600	64.250000000		03/05/2010 6:00	119.89	1.68408	0.336	17.33	0.364	12.88	43.4464	104.8865323	104.940116	1.198930	104.911485	
2010	64	700	64.291666667		03/05/2010 7:00	120.16	1.68788	0.336	17.32	0.364	14.12	43.4380	104.889104	104.942687	1.201630	104.914185	
2010	64	800	64.333333333		03/05/2010 8:00	120.41	1.69139	0.336	17.33	0.364	14.11	43.4302	104.8914853	104.945069	1.204130	104.916685	
2010	64	900	64.375000000		03/05/2010 9:00	120.75	1.69617	0.336	17.33	0.364	14.05	43.4195	104.8947238	104.948307	1.207530	104.920085	
2010	64	1000	64.416666667		03/05/2010 10:00	121.03	1.70010	0.336	17.37	0.364	13.94	43.4108	104.8973908	104.950974	1.210330	104.922885	
2010	64	1100	64.458333333		03/05/2010 11:00	121.23	1.70291	0.336	17.35	0.364	13.86	43.4045	104.8992958	104.952879	1.212330	104.924885	
2010	64	1200	64.500000000		03/05/2010 12:00	121.46	1.70614	0.336	17.35	0.364	13.81	43.3974	104.9014866	104.955070	1.214630	104.927186	
2010	64	1300	64.541666667		03/05/2010 13:00	121.62	1.70839	0.336	17.36	0.364	13.76	43.3924	104.9030106	104.956594	1.216230	104.928786	
2010	64	1400	64.583333333		03/05/2010 14:00	121.71	1.70965	0.336	17.35	0.364	13.73	43.3895	104.9038679	104.957451	1.217130	104.929686	
2010	64	1500	64.625000000		03/05/2010 15:00	121.82	1.71120	0.336	17.33	0.364	13.71	43.3861	104.9049156	104.958499	1.218230	104.930786	
2010	64	1600	64.666666667		03/05/2010 16:00	121.9	1.71232	0.336	17.35	0.364	13.7	43.3836	104.9056776	104.959261	1.219030	104.931586	
2010	64	1700	64.708333333		03/05/2010 17:00	121.97	1.71330	0.336	17.34	0.363	13.76	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	64	1800	64.750000000		03/05/2010 18:00	121.98	1.71344	0.336	17.36	0.364	13.56	43.3811	104.9064396	104.960023	1.219830	104.932386	
2010	64	1900	64.791666667		03/05/2010 19:00	122.01	1.71386	0.336	17.34	0.364	13.47	43.3802	104.9067254	104.960309	1.220130	104.932686	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	64	2000	64.833333333		03/05/2010 20:00	122.07	1.71471	0.336	17.37	0.364	13.4	43.3783	104.9072969	104.960880	1.220730	104.933286	
2010	64	2100	64.875000000		03/05/2010 21:00	122.07	1.71471	0.336	17.36	0.364	13.34	43.3783	104.9072969	104.960880	1.220730	104.933286	
2010	64	2200	64.916666667		03/05/2010 22:00	122.08	1.71485	0.336	17.36	0.364	13.28	43.3780	104.9073921	104.960975	1.220830	104.933386	
2010	64	2300	64.958333333		03/05/2010 23:00	122.03	1.71415	0.336	17.34	0.364	13.24	43.3795	104.9069159	104.960499	1.220330	104.932886	
2010	64	2400	65.000000000		03/06/2010 0:00	122.04	1.71429	0.336	17.33	0.364	13.19	43.3792	104.9070111	104.960594	1.220430	104.932986	
2010	65	100	65.041666667		03/06/2010 1:00	121.97	1.71330	0.336	17.33	0.364	13.15	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	65	200	65.083333333		03/06/2010 2:00	121.96	1.71316	0.336	17.33	0.364	13.1	43.3817	104.9062491	104.959832	1.219630	104.932186	
2010	65	300	65.125000000		03/06/2010 3:00	121.95	1.71302	0.336	17.33	0.364	13.05	43.3820	104.9061539	104.959737	1.219530	104.932086	
2010	65	400	65.166666667		03/06/2010 4:00	121.96	1.71316	0.336	17.34	0.364	13.01	43.3817	104.9062491	104.959832	1.219630	104.932186	
2010	65	500	65.208333333		03/06/2010 5:00	121.97	1.71330	0.336	17.33	0.364	12.97	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	65	600	65.250000000		03/06/2010 6:00	122.02	1.71400	0.336	17.33	0.363	12.93	43.3799	104.9068206	104.960404	1.220230	104.932786	
2010	65	700	65.291666667		03/06/2010 7:00	121.97	1.71330	0.336	17.33	0.364	14.14	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	65	800	65.333333333		03/06/2010 8:00	121.99	1.71358	0.336	17.34	0.364	14.11	43.3808	104.9065349	104.960118	1.219930	104.932486	
2010	65	900	65.375000000		03/06/2010 9:00	122.03	1.71415	0.336	17.34	0.364	14.02	43.3795	104.9069159	104.960499	1.220330	104.932886	
2010	65	1000	65.416666667		03/06/2010 10:00	122	1.71372	0.336	17.34	0.364	13.92	43.3805	104.9066301	104.960213	1.220030	104.932586	
2010	65	1100	65.458333333		03/06/2010 11:00	121.93	1.71274	0.336	17.34	0.363	13.86	43.3827	104.9059634	104.959547	1.219330	104.931886	
2010	65	1200	65.500000000		03/06/2010 12:00	121.85	1.71162	0.336	17.35	0.364	13.79	43.3852	104.9052014	104.958785	1.218530	104.931086	
2010	65	1300	65.541666667		03/06/2010 13:00	121.79	1.71077	0.336	17.33	0.364	13.74	43.3870	104.9046299	104.958213	1.217930	104.930486	
2010	65	1400	65.583333333		03/06/2010 14:00	121.61	1.70825	0.336	17.34	0.364	13.69	43.3927	104.9029154	104.956499	1.216130	104.928686	
2010	65	1500	65.625000000		03/06/2010 15:00	121.51	1.70684	0.336	17.34	0.364	13.66	43.3958	104.9019629	104.955546	1.215130	104.927686	
2010	65	1600	65.666666667		03/06/2010 16:00	121.33	1.70431	0.336	17.35	0.364	13.66	43.4014	104.9002483	104.953832	1.213330	104.925885	
2010	65	1700	65.708333333		03/06/2010 17:00	121.24	1.70305	0.336	17.35	0.363	13.65	43.4042	104.8993911	104.952974	1.212430	104.924985	
2010	65	1800	65.750000000		03/06/2010 18:00	121.12	1.70136	0.336	17.33	0.363	13.5	43.4080	104.8982481	104.951831	1.211230	104.923785	
2010	65	1900	65.791666667		03/06/2010 19:00	121.04	1.70024	0.336	17.35	0.364	13.41	43.4105	104.8974861	104.951069	1.210430	104.922985	
2010	65	2000	65.833333333		03/06/2010 20:00	121.02	1.69996	0.336	17.34	0.364	13.34	43.4111	104.8972956	104.950879	1.210230	104.922785	
2010	65	2100	65.875000000		03/06/2010 21:00	121.06	1.70052	0.336	17.36	0.364	13.28	43.4099	104.8976766	104.951260	1.210630	104.923185	
2010	65	2200	65.916666667		03/06/2010 22:00	121.03	1.70010	0.336	17.32	0.364	13.24	43.4108	104.8973908	104.950974	1.210330	104.922885	
2010	65	2300	65.958333333		03/06/2010 23:00	121.09	1.70094	0.336	17.32	0.364	13.19	43.4089	104.8979623	104.951546	1.210930	104.923485	
2010	65	2400	66.000000000		03/07/2010 0:00	121.08	1.70080	0.336	17.32	0.364	13.14	43.4092	104.8978671	104.951450	1.210830	104.923385	
2010	66	100	66.041666667		03/07/2010 1:00	121.14	1.70164	0.336	17.34	0.364	13.1	43.4074	104.8984386	104.952022	1.211430	104.923985	
2010	66	200	66.083333333		03/07/2010 2:00	121.07	1.70066	0.336	17.34	0.364	13.05	43.4095	104.8977718	104.951355	1.210730	104.923285	
2010	66	300	66.125000000		03/07/2010 3:00	121.06	1.70052	0.336	17.34	0.364	13.01	43.4099	104.8976766	104.951260	1.210630	104.923185	
2010	66	400	66.166666667		03/07/2010 4:00	121	1.69968	0.336	17.33	0.364	12.96	43.4117	104.8971051	104.950688	1.210030	104.922585	
2010	66	500	66.208333333		03/07/2010 5:00	121	1.69968	0.336	17.33	0.364	12.92	43.4117	104.8971051	104.950688	1.210030	104.922585	
2010	66	600	66.250000000		03/07/2010 6:00	120.94	1.69883	0.336	17.34	0.364	12.89	43.4136	104.8965336	104.950117	1.209430	104.921985	
2010	66	700	66.291666667		03/07/2010 7:00	120.84	1.69743	0.336	17.35	0.364	14.14	43.4167	104.8955811	104.949164	1.208430	104.920985	
2010	66	800	66.333333333		03/07/2010 8:00	120.72	1.69574	0.336	17.36	0.364	14.1	43.4205	104.8944381	104.948021	1.207230	104.919785	
2010	66	900	66.375000000		03/07/2010 9:00	120.62	1.69434	0.336	17.33	0.364	14.03	43.4236	104.8934856	104.947069	1.206230	104.918785	
2010	66	1000	66.416666667		03/07/2010 10:00	120.58	1.69378	0.336	17.34	0.364	13.91	43.4249	104.8931046	104.946688	1.205830	104.918385	
2010	66	1100	66.458333333		03/07/2010 11:00	120.52	1.69293	0.336	17.35	0.364	13.82	43.4267	104.8925331	104.946116	1.205230	104.917785	
2010	66	1200	66.500000000		03/07/2010 12:00	120.34	1.69041	0.336	17.33	0.364	13.77	43.4324	104.8908185	104.944402	1.203430	104.915985	
2010	66	1300	66.541666667		03/07/2010 13:00	120.14	1.68760	0.336	17.35	0.364	13.71	43.4386	104.8889135	104.942497	1.201430	104.913985	
2010	66	1400	66.583333333		03/07/2010 14:00	120.03	1.68605	0.336	17.34	0.364	13.66	43.4420	104.8878658	104.941449	1.200330	104.912885	
2010	66	1500	66.625000000		03/07/2010 15:00	119.85	1.68352	0.336	17.33	0.364	13.64	43.4477	104.8861513	104.939735	1.198530	104.911085	
2010	66	1600	66.666666667		03/07/2010 16:00	119.73	1.68184	0.336	17.35	0.364	13.64	43.4514	104.8850083	104.938592	1.197330	104.909885	
2010	66	1700	66.708333333		03/07/2010 17:00	119.48	1.67833	0.336	17.35	0.364	13.67	43.4592	104.882627	104.936210	1.194829	104.907385	
2010	66	1800	66.750000000		03/07/2010 18:00	119.3	1.67580	0.336	17.35	0.364	13.5	43.4649	104.8809125	104.934496	1.193029	104.905585	
2010	66	1900	66.791666667		03/07/2010 19:00	119.16	1.67383	0.336	17.35	0.364	13.41	43.4692	104.879579	104.933162	1.191629	104.904185	
2010	66	2000	66.833333333		03/07/2010 20:00	118.96	1.67102	0.336	17.34	0.364	13.35	43.4755	104.877674	104.931257	1.189629	104.902185	
2010	66	2100	66.875000000		03/07/2010 21:00	118.86	1.66962	0.336	17.35	0.364	13.28	43.4786	104.8767215	104.930305	1.188629	104.901185	
2010	66	2200	66.916666667		03/07/2010 22:00	118.64	1.66653	0.336	17.34	0.363	13.23	43.4855	104.8746259	104.928209	1.186429	104.898985	
2010	66	2300	66.958333333		03/07/2010 23:00	118.41	1.66330	0.336	17.36	0.363	13.18	43.4927	104.8724352	104.926018	1.184129	104.896685	
2010	66	2400	67.000000000		03/08/2010 0:00	118.24	1.66091	0.336	17.32	0.364	13.13	43.4980	104.8708159	104.924399	1.182429	104.894985	
2010	67	100	67.041666667		03/08/2010 1:00	118.01	1.65768	0.336	17.36	0.364	13.09	43.5052	104.8686252	104.922208	1.180129	104.892685	
2010	67	200	67.083333333		03/08/2010 2:00	117.79	1.65459	0.336	17.32	0.364	13.05	43.5120	104.8665297	104.920113	1.177929	104.890485	
2010	67	300	67.125000000		03/08/2010 3:00	117.66	1.65276	0.336	17.32	0.364	13.01	43.5161	104.8652914	104.918875	1.176629	104.889185	
2010	67	400	67.166666667		03/08/2010 4:00	117.44	1.64967	0.336	17.36	0.364	12.97	43.5230	104.8631959	104.916779	1.174429	104.886985	
2010	67	500	67.208333333		03/08/2010 5:00	117.24	1.64686	0.336	17.33	0.364	12.92	43.5292	104.8612909	104.914874	1.172429	104.884984	
2010	67	600	67.250000000		03/08/2010 6:00	117.09	1.64475	0.336	17.34	0.364	12.89	43.5339	104.8598621	104.913445	1.170929	104.883484	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	67	700	67.291666667		03/08/2010 7:00	116.89	1.64194	0.336	17.33	0.364	12.86	43.5402	104.8579571	104.911540	1.168929	104.881484	
2010	67	800	67.333333333		03/08/2010 8:00	116.75	1.63998	0.336	17.37	0.364	12.88	43.5445	104.8566236	104.910207	1.167529	104.880084	
2010	67	900	67.375000000		03/08/2010 9:00	116.54	1.63703	0.336	17.33	0.364	13.94	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	67	1000	67.416666667		03/08/2010 10:00	116.39	1.63492	0.336	17.33	0.364	13.89	43.5558	104.8531946	104.906778	1.163929	104.876484	
2010	67	1100	67.458333333		03/08/2010 11:00	116.2	1.63225	0.336	17.35	0.364	13.84	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	67	1200	67.500000000		03/08/2010 12:00	116.07	1.63043	0.336	17.35	0.364	13.8	43.5658	104.8501466	104.903730	1.160729	104.873284	
2010	67	1300	67.541666667		03/08/2010 13:00	115.93	1.62846	0.336	17.35	0.364	13.77	43.5702	104.8488131	104.902396	1.159329	104.871884	
2010	67	1400	67.583333333		03/08/2010 14:00	115.8	1.62663	0.336	17.36	0.364	13.74	43.5742	104.8475748	104.901158	1.158029	104.870584	
2010	67	1500	67.625000000		03/08/2010 15:00	115.56	1.62326	0.336	17.35	0.364	13.74	43.5817	104.8452888	104.898872	1.155629	104.868184	
2010	67	1600	67.666666667		03/08/2010 16:00	115.29	1.61947	0.336	17.34	0.364	13.77	43.5902	104.842717	104.896300	1.152928	104.865484	
2010	67	1700	67.708333333		03/08/2010 17:00	115.17	1.61778	0.336	17.36	0.363	13.67	43.5939	104.841574	104.895157	1.151728	104.864284	
2010	67	1800	67.750000000		03/08/2010 18:00	114.94	1.61455	0.336	17.36	0.364	13.55	43.6011	104.8393833	104.892967	1.149428	104.861984	
2010	67	1900	67.791666667		03/08/2010 19:00	114.72	1.61146	0.336	17.34	0.364	13.46	43.6080	104.8372877	104.890871	1.147228	104.859784	
2010	67	2000	67.833333333		03/08/2010 20:00	114.5	1.60837	0.336	17.32	0.364	13.4	43.6149	104.8351922	104.888775	1.145028	104.857584	
2010	67	2100	67.875000000		03/08/2010 21:00	114.31	1.60570	0.336	17.34	0.364	13.34	43.6208	104.8333825	104.886966	1.143128	104.855684	
2010	67	2200	67.916666667		03/08/2010 22:00	114.2	1.60416	0.336	17.36	0.364	13.29	43.6242	104.8323347	104.885918	1.142028	104.854584	
2010	67	2300	67.958333333		03/08/2010 23:00	114	1.60135	0.336	17.34	0.364	13.24	43.6305	104.8304297	104.884013	1.140028	104.852584	
2010	67	2400	68.000000000		03/09/2010 0:00	113.83	1.59896	0.336	17.33	0.364	13.19	43.6358	104.8288104	104.882394	1.138328	104.850884	
2010	68	100	68.041666667		03/09/2010 1:00	113.62	1.59601	0.336	17.34	0.364	13.14	43.6424	104.8268102	104.880393	1.136228	104.848784	
2010	68	200	68.083333333		03/09/2010 2:00	113.42	1.59320	0.336	17.34	0.364	13.1	43.6486	104.8249052	104.878488	1.134228	104.846784	
2010	68	300	68.125000000		03/09/2010 3:00	113.27	1.59109	0.336	17.34	0.364	13.06	43.6533	104.8234764	104.877060	1.132728	104.845284	
2010	68	400	68.166666667		03/09/2010 4:00	113.08	1.58843	0.336	17.35	0.364	13.01	43.6592	104.8216667	104.875250	1.130828	104.843383	
2010	68	500	68.208333333		03/09/2010 5:00	112.91	1.58604	0.336	17.34	0.363	12.96	43.6645	104.8200474	104.873631	1.129128	104.841683	
2010	68	600	68.250000000		03/09/2010 6:00	112.78	1.58421	0.336	17.35	0.363	12.92	43.6686	104.8188091	104.872392	1.127828	104.840383	
2010	68	700	68.291666667		03/09/2010 7:00	112.6	1.58168	0.336	17.34	0.364	14.19	43.6742	104.8170946	104.870678	1.126028	104.838583	
2010	68	800	68.333333333		03/09/2010 8:00	112.46	1.57972	0.336	17.35	0.364	14.14	43.6786	104.8157611	104.869344	1.124628	104.837183	
2010	68	900	68.375000000		03/09/2010 9:00	112.28	1.57719	0.336	17.33	0.364	14.05	43.6842	104.8140466	104.867630	1.122828	104.835383	
2010	68	1000	68.416666667		03/09/2010 10:00	112.16	1.57550	0.336	17.35	0.364	13.98	43.6880	104.8129036	104.866487	1.121628	104.834183	
2010	68	1100	68.458333333		03/09/2010 11:00	112.01	1.57340	0.336	17.34	0.364	13.92	43.6927	104.8114748	104.865058	1.120128	104.832683	
2010	68	1200	68.500000000		03/09/2010 12:00	111.89	1.57171	0.336	17.34	0.364	13.9	43.6964	104.8103318	104.863915	1.118928	104.831483	
2010	68	1300	68.541666667		03/09/2010 13:00	111.69	1.56890	0.336	17.37	0.364	13.87	43.7027	104.8084268	104.862010	1.116928	104.829483	
2010	68	1400	68.583333333		03/09/2010 14:00	111.43	1.56525	0.336	17.35	0.364	13.86	43.7108	104.8059503	104.859534	1.114327	104.826883	
2010	68	1500	68.625000000		03/09/2010 15:00	111.22	1.56230	0.336	17.36	0.364	13.88	43.7174	104.8039501	104.857533	1.112227	104.824783	
2010	68	1600	68.666666667		03/09/2010 16:00	111.02	1.55949	0.336	17.35	0.364	13.9	43.7236	104.802045	104.855628	1.110227	104.822783	
2010	68	1700	68.708333333		03/09/2010 17:00	110.81	1.55654	0.336	17.36	0.364	13.92	43.7302	104.8000448	104.853628	1.108127	104.820683	
2010	68	1800	68.750000000		03/09/2010 18:00	110.52	1.55247	0.336	17.33	0.364	13.71	43.7392	104.7972825	104.850866	1.105227	104.817783	
2010	68	1900	68.791666667		03/09/2010 19:00	110.29	1.54923	0.336	17.36	0.364	13.62	43.7464	104.7950918	104.848675	1.102927	104.815483	
2010	68	2000	68.833333333		03/09/2010 20:00	110.02	1.54544	0.336	17.35	0.364	13.55	43.7549	104.79252	104.846103	1.100227	104.812783	
2010	68	2100	68.875000000		03/09/2010 21:00	109.8	1.54235	0.336	17.35	0.364	13.48	43.7617	104.7904245	104.844008	1.098027	104.810583	
2010	68	2200	68.916666667		03/09/2010 22:00	109.5	1.53814	0.336	17.37	0.364	13.42	43.7711	104.787567	104.841150	1.095027	104.807583	
2010	68	2300	68.958333333		03/09/2010 23:00	109.29	1.53519	0.336	17.34	0.364	13.36	43.7777	104.7855667	104.839150	1.092927	104.805483	
2010	68	2400	69.000000000		03/10/2010 0:00	108.98	1.53083	0.336	17.33	0.364	13.32	43.7874	104.7826139	104.836197	1.089827	104.802382	
2010	69	100	69.041666667		03/10/2010 1:00	108.72	1.52718	0.336	17.34	0.364	13.27	43.7955	104.7801374	104.833721	1.087227	104.799782	
2010	69	200	69.083333333		03/10/2010 2:00	108.44	1.52325	0.336	17.35	0.364	13.22	43.8042	104.7774704	104.831054	1.084427	104.796982	
2010	69	300	69.125000000		03/10/2010 3:00	108.17	1.51945	0.336	17.34	0.364	13.17	43.8127	104.7748986	104.828482	1.081727	104.794282	
2010	69	400	69.166666667		03/10/2010 4:00	107.95	1.51636	0.336	17.34	0.364	13.13	43.8195	104.7728031	104.826386	1.079527	104.792082	
2010	69	500	69.208333333		03/10/2010 5:00	107.68	1.51257	0.336	17.34	0.364	13.08	43.8280	104.7702314	104.823815	1.076827	104.789382	
2010	69	600	69.250000000		03/10/2010 6:00	107.43	1.50906	0.336	17.35	0.364	13.05	43.8358	104.7678501	104.821433	1.074326	104.786882	
2010	69	700	69.291666667		03/10/2010 7:00	107.21	1.50597	0.336	17.34	0.364	14.1	43.8427	104.7657546	104.819338	1.072126	104.784682	
2010	69	800	69.333333333		03/10/2010 8:00	106.98	1.50274	0.336	17.34	0.363	14.09	43.8499	104.7635638	104.817147	1.069826	104.782382	
2010	69	900	69.375000000		03/10/2010 9:00	106.77	1.49979	0.336	17.34	0.364	14.03	43.8564	104.7615636	104.815147	1.067726	104.780282	
2010	69	1000	69.416666667		03/10/2010 10:00	106.54	1.49656	0.336	17.37	0.364	13.92	43.8636	104.7593728	104.812956	1.065426	104.777982	
2010	69	1100	69.458333333		03/10/2010 11:00	106.35	1.49389	0.336	17.36	0.363	13.86	43.8695	104.757563	104.811146	1.063526	104.776082	
2010	69	1200	69.500000000		03/10/2010 12:00	106.11	1.49052	0.336	17.35	0.364	13.85	43.8770	104.755277	104.808860	1.061126	104.773682	
2010	69	1300	69.541666667		03/10/2010 13:00	105.85	1.48687	0.336	17.37	0.364	13.82	43.8852	104.7528005	104.806384	1.058526	104.771082	
2010	69	1400	69.583333333		03/10/2010 14:00	105.68	1.48448	0.336	17.35	0.364	13.76	43.8905	104.7511813	104.804765	1.056826	104.769382	
2010	69	1500	69.625000000		03/10/2010 15:00	105.4	1.48055	0.336	17.36	0.364	13.76	43.8992	104.7485142	104.802098	1.054026	104.766582	
2010	69	1600	69.666666667		03/10/2010 16:00	105.18	1.47745	0.336	17.35	0.364	13.76	43.9061	104.7464187	104.800002	1.051826	104.764382	
2010	69	1700	69.708333333		03/10/2010 17:00	104.89	1.47338	0.336	17.35	0.364	13.73	43.9152	104.7436565	104.797240	1.048926	104.761481	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	69	1800	69.750000000		03/10/2010 18:00	104.68	1.47043	0.336	17.35	0.364	13.58	43.9217	104.7416562	104.795239	1.046826	104.759381	
2010	69	1900	69.791666667		03/10/2010 19:00	104.46	1.46734	0.336	17.33	0.364	13.49	43.9286	104.7395607	104.793144	1.044626	104.757181	
2010	69	2000	69.833333333		03/10/2010 20:00	104.32	1.46537	0.336	17.34	0.364	13.43	43.9330	104.7382272	104.791810	1.043226	104.755781	
2010	69	2100	69.875000000		03/10/2010 21:00	104.12	1.46256	0.336	17.33	0.364	13.38	43.9392	104.7363222	104.789905	1.041226	104.753781	
2010	69	2200	69.916666667		03/10/2010 22:00	103.93	1.45990	0.336	17.39	0.364	13.32	43.9452	104.7345124	104.788096	1.039326	104.751881	
2010	69	2300	69.958333333		03/10/2010 23:00	103.8	1.45807	0.336	17.37	0.364	13.28	43.9492	104.7332742	104.786857	1.038026	104.750581	
2010	69	2400	70.000000000		03/11/2010 0:00	103.64	1.45582	0.336	17.37	0.364	13.23	43.9542	104.7317501	104.785333	1.036426	104.748981	
2010	70	100	70.041666667		03/11/2010 1:00	103.59	1.45512	0.336	17.33	0.364	13.18	43.9558	104.7312739	104.784857	1.035926	104.748481	
2010	70	200	70.083333333		03/11/2010 2:00	103.42	1.45273	0.336	17.33	0.364	13.13	43.9611	104.7296546	104.783238	1.034226	104.746781	
2010	70	300	70.125000000		03/11/2010 3:00	103.35	1.45175	0.336	17.36	0.364	13.09	43.9633	104.7289879	104.782571	1.033525	104.746081	
2010	70	400	70.166666667		03/11/2010 4:00	103.27	1.45063	0.336	17.34	0.364	13.05	43.9658	104.7282259	104.781809	1.032725	104.745281	
2010	70	500	70.208333333		03/11/2010 5:00	103.26	1.45048	0.336	17.38	0.364	13.01	43.9661	104.7281306	104.781714	1.032625	104.745181	
2010	70	600	70.250000000		03/11/2010 6:00	103.2	1.44964	0.336	17.33	0.364	12.97	43.9680	104.7275591	104.781142	1.032025	104.744581	
2010	70	700	70.291666667		03/11/2010 7:00	103.16	1.44908	0.336	17.38	0.364	12.93	43.9692	104.7271781	104.780761	1.031625	104.744181	
2010	70	800	70.333333333		03/11/2010 8:00	103.08	1.44796	0.336	17.37	0.364	13.41	43.9717	104.7264161	104.779999	1.030825	104.743381	
2010	70	900	70.375000000		03/11/2010 9:00	102.96	1.44627	0.336	17.37	0.364	14	43.9755	104.7252731	104.778856	1.029625	104.742181	
2010	70	1000	70.416666667		03/11/2010 10:00	102.98	1.44655	0.336	17.34	0.364	13.95	43.9749	104.7254636	104.779047	1.029825	104.742381	
2010	70	1100	70.458333333		03/11/2010 11:00	102.91	1.44557	0.336	17.37	0.364	13.9	43.9770	104.7247969	104.778380	1.029125	104.741681	
2010	70	1200	70.500000000		03/11/2010 12:00	102.78	1.44374	0.336	17.37	0.364	13.87	43.9811	104.7235586	104.777142	1.027825	104.740381	
2010	70	1300	70.541666667		03/11/2010 13:00	102.69	1.44248	0.336	17.36	0.364	13.88	43.9839	104.7227013	104.776285	1.026925	104.739481	
2010	70	1400	70.583333333		03/11/2010 14:00	102.58	1.44093	0.336	17.35	0.364	13.88	43.9874	104.7216536	104.775237	1.025825	104.738381	
2010	70	1500	70.625000000		03/11/2010 15:00	102.34	1.43756	0.336	17.36	0.364	13.86	43.9949	104.7193676	104.772951	1.023425	104.735981	
2010	70	1600	70.666666667		03/11/2010 16:00	102.23	1.43602	0.336	17.35	0.364	13.79	43.9983	104.7183198	104.771903	1.022325	104.734881	
2010	70	1700	70.708333333		03/11/2010 17:00	102.15	1.43489	0.336	17.36	0.364	13.78	44.0008	104.7175578	104.771141	1.021525	104.734081	
2010	70	1800	70.750000000		03/11/2010 18:00	102	1.43279	0.336	17.37	0.364	13.63	44.0055	104.7161291	104.769712	1.020025	104.732581	
2010	70	1900	70.791666667		03/11/2010 19:00	101.87	1.43096	0.336	17.37	0.364	13.53	44.0095	104.7148908	104.768474	1.018725	104.731281	
2010	70	2000	70.833333333		03/11/2010 20:00	101.85	1.43068	0.336	17.36	0.364	13.45	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	70	2100	70.875000000		03/11/2010 21:00	101.77	1.42955	0.336	17.38	0.364	13.38	44.0127	104.7139383	104.767522	1.017725	104.730281	
2010	70	2200	70.916666667		03/11/2010 22:00	101.67	1.42815	0.336	17.37	0.364	13.32	44.0158	104.7129858	104.766569	1.016725	104.729281	
2010	70	2300	70.958333333		03/11/2010 23:00	101.68	1.42829	0.336	17.36	0.364	13.26	44.0155	104.713081	104.766664	1.016825	104.729381	
2010	70	2400	71.000000000		03/12/2010 0:00	101.7	1.42857	0.336	17.37	0.364	13.21	44.0149	104.7132715	104.766855	1.017025	104.729581	
2010	71	100	71.041666667		03/12/2010 1:00	101.72	1.42885	0.336	17.36	0.364	13.16	44.0142	104.713462	104.767045	1.017225	104.729781	
2010	71	200	71.083333333		03/12/2010 2:00	101.83	1.43040	0.336	17.35	0.364	13.11	44.0108	104.7145098	104.768093	1.018325	104.730881	
2010	71	300	71.125000000		03/12/2010 3:00	101.85	1.43068	0.336	17.35	0.364	13.07	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	71	400	71.166666667		03/12/2010 4:00	101.93	1.43180	0.336	17.35	0.364	13.03	44.0077	104.7154623	104.769046	1.019325	104.731881	
2010	71	500	71.208333333		03/12/2010 5:00	101.98	1.43250	0.336	17.35	0.364	12.98	44.0061	104.7159386	104.769522	1.019825	104.732381	
2010	71	600	71.250000000		03/12/2010 6:00	102.09	1.43405	0.336	17.37	0.364	12.95	44.0027	104.7169863	104.770570	1.020925	104.733481	
2010	71	700	71.291666667		03/12/2010 7:00	102.16	1.43503	0.336	17.35	0.364	12.91	44.0005	104.7176531	104.771236	1.021625	104.734181	
2010	71	800	71.333333333		03/12/2010 8:00	102.17	1.43517	0.336	17.36	0.364	13.61	44.0002	104.7177483	104.771332	1.021725	104.734281	
2010	71	900	71.375000000		03/12/2010 9:00	102.33	1.43742	0.336	17.36	0.364	13.79	43.9952	104.7192723	104.772856	1.023325	104.735881	
2010	71	1000	71.416666667		03/12/2010 10:00	102.39	1.43826	0.336	17.37	0.364	13.74	43.9933	104.7198438	104.773427	1.023925	104.736481	
2010	71	1100	71.458333333		03/12/2010 11:00	102.46	1.43925	0.336	17.37	0.364	13.72	43.9911	104.7205106	104.774094	1.024625	104.737181	
2010	71	1200	71.500000000		03/12/2010 12:00	102.57	1.44079	0.336	17.36	0.364	13.69	43.9877	104.7215583	104.775142	1.025725	104.738281	
2010	71	1300	71.541666667		03/12/2010 13:00	102.63	1.44164	0.336	17.36	0.364	13.71	43.9858	104.7221298	104.775713	1.026325	104.738881	
2010	71	1400	71.583333333		03/12/2010 14:00	102.75	1.44332	0.336	17.37	0.364	13.74	43.9820	104.7232728	104.776856	1.027525	104.740081	
2010	71	1500	71.625000000		03/12/2010 15:00	102.91	1.44557	0.336	17.37	0.364	13.68	43.9770	104.7247969	104.778380	1.029125	104.741681	
2010	71	1600	71.666666667		03/12/2010 16:00	102.6	1.44121	0.336	17.38	0.364	13.55	43.9867	104.7218441	104.775427	1.026025	104.738581	
2010	71	1700	71.708333333		03/12/2010 17:00	102.57	1.44079	0.336	17.36	0.364	13.46	43.9877	104.7215583	104.775142	1.025725	104.738281	
2010	71	1800	71.750000000		03/12/2010 18:00	102.54	1.44037	0.336	17.37	0.364	13.38	43.9886	104.7212726	104.774856	1.025425	104.737981	
2010	71	1900	71.791666667		03/12/2010 19:00	102.44	1.43897	0.336	17.34	0.364	13.33	43.9917	104.7203201	104.773903	1.024425	104.736981	
2010	71	2000	71.833333333		03/12/2010 20:00	102.25	1.43630	0.336	17.35	0.364	13.27	43.9977	104.7185103	104.772094	1.022525	104.735081	
2010	71	2100	71.875000000		03/12/2010 21:00	102.15	1.43489	0.336	17.37	0.363	13.22	44.0008	104.7175578	104.771141	1.021525	104.734081	
2010	71	2200	71.916666667		03/12/2010 22:00	102.12	1.43447	0.336	17.34	0.364	13.18	44.0017	104.7172721	104.770855	1.021225	104.733781	
2010	71	2300	71.958333333		03/12/2010 23:00	102	1.43279	0.336	17.37	0.364	13.13	44.0055	104.7161291	104.769712	1.020025	104.732581	
2010	71	2400	72.000000000		03/13/2010 0:00	101.82	1.43026	0.336	17.38	0.363	13.09	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	72	100	72.041666667		03/13/2010 1:00	101.68	1.42829	0.336	17.36	0.364	13.05	44.0155	104.713081	104.766664	1.016825	104.729381	
2010	72	200	72.083333333		03/13/2010 2:00	101.6	1.42717	0.336	17.38	0.364	13	44.0180	104.712319	104.765902	1.016025	104.728581	
2010	72	300	72.125000000		03/13/2010 3:00	101.48	1.42548	0.336	17.37	0.364	12.96	44.0217	104.711176	104.764759	1.014825	104.727381	
2010	72	400	72.166666667		03/13/2010 4:00	101.39	1.42422	0.336	17.36	0.364	12.92	44.0245	104.7103188	104.763902	1.013925	104.726481	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	72	500	72.208333333		03/13/2010 5:00	101.51	1.42590	0.336	17.35	0.364	12.88	44.0208	104.7114618	104.765045	1.015125	104.727681	
2010	72	600	72.250000000		03/13/2010 6:00	101.49	1.42562	0.336	17.35	0.364	12.85	44.0214	104.7112713	104.764855	1.014925	104.727481	
2010	72	700	72.291666667		03/13/2010 7:00	101.48	1.42548	0.336	17.36	0.364	14.09	44.0217	104.711176	104.764759	1.014825	104.727381	
2010	72	800	72.333333333		03/13/2010 8:00	101.67	1.42815	0.336	17.34	0.364	14.04	44.0158	104.7129858	104.766569	1.016725	104.729281	
2010	72	900	72.375000000		03/13/2010 9:00	101.69	1.42843	0.336	17.38	0.363	13.98	44.0152	104.7131763	104.766760	1.016925	104.729481	
2010	72	1000	72.416666667		03/13/2010 10:00	101.84	1.43054	0.336	17.35	0.364	13.91	44.0105	104.7146051	104.768188	1.018425	104.730981	
2010	72	1100	72.458333333		03/13/2010 11:00	101.8	1.42998	0.336	17.37	0.364	13.84	44.0117	104.714224	104.767807	1.018025	104.730581	
2010	72	1200	72.500000000		03/13/2010 12:00	101.82	1.43026	0.336	17.36	0.364	13.81	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	72	1300	72.541666667		03/13/2010 13:00	101.88	1.43110	0.336	17.36	0.364	13.74	44.0092	104.7149861	104.768569	1.018825	104.731381	
2010	72	1400	72.583333333		03/13/2010 14:00	101.85	1.43068	0.336	17.37	0.363	13.75	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	72	1500	72.625000000		03/13/2010 15:00	101.79	1.42984	0.336	17.36	0.364	13.69	44.0120	104.7141288	104.767712	1.017925	104.730481	
2010	72	1600	72.666666667		03/13/2010 16:00	101.76	1.42941	0.336	17.36	0.364	13.7	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	72	1700	72.708333333		03/13/2010 17:00	101.76	1.42941	0.336	17.34	0.364	13.76	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	72	1800	72.750000000		03/13/2010 18:00	101.7	1.42857	0.336	17.37	0.364	13.6	44.0149	104.7132715	104.766855	1.017025	104.729581	
2010	72	1900	72.791666667		03/13/2010 19:00	101.64	1.42773	0.336	17.36	0.364	13.5	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	72	2000	72.833333333		03/13/2010 20:00	101.65	1.42787	0.336	17.38	0.363	13.42	44.0164	104.7127953	104.766379	1.016525	104.729081	
2010	72	2100	72.875000000		03/13/2010 21:00	101.61	1.42731	0.336	17.34	0.364	13.36	44.0177	104.7124143	104.765998	1.016125	104.728681	
2010	72	2200	72.916666667		03/13/2010 22:00	101.59	1.42703	0.336	17.35	0.364	13.31	44.0183	104.7122238	104.765807	1.015925	104.728481	
2010	72	2300	72.958333333		03/13/2010 23:00	101.62	1.42745	0.336	17.39	0.364	13.26	44.0174	104.7125095	104.766093	1.016225	104.728781	
2010	72	2400	73.000000000		03/14/2010 0:00	101.64	1.42773	0.336	17.37	0.364	13.21	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	73	100	73.041666667		03/14/2010 1:00	101.64	1.42773	0.336	17.34	0.364	13.17	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	73	200	73.083333333		03/14/2010 2:00	101.64	1.42773	0.336	17.36	0.364	13.11	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	73	300	73.125000000		03/14/2010 3:00	101.71	1.42871	0.336	17.36	0.363	13.07	44.0145	104.7133668	104.766950	1.017125	104.729681	
2010	73	400	73.166666667		03/14/2010 4:00	101.74	1.42913	0.336	17.34	0.364	13.03	44.0136	104.7136525	104.767236	1.017425	104.729981	
2010	73	500	73.208333333		03/14/2010 5:00	101.76	1.42941	0.336	17.36	0.364	12.99	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	73	600	73.250000000		03/14/2010 6:00	101.82	1.43026	0.336	17.34	0.364	12.94	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	73	700	73.291666667		03/14/2010 7:00	101.76	1.42941	0.336	17.36	0.364	14.19	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	73	800	73.333333333		03/14/2010 8:00	101.76	1.42941	0.336	17.35	0.364	14.13	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	73	900	73.375000000		03/14/2010 9:00	101.7	1.42857	0.336	17.34	0.364	14.01	44.0149	104.7132715	104.766855	1.017025	104.729581	
2010	73	1000	73.416666667		03/14/2010 10:00	101.74	1.42913	0.336	17.37	0.364	13.92	44.0136	104.7136525	104.767236	1.017425	104.729981	
2010	73	1100	73.458333333		03/14/2010 11:00	101.71	1.42871	0.336	17.36	0.364	13.85	44.0145	104.7133668	104.766950	1.017125	104.729681	
2010	73	1200	73.500000000		03/14/2010 12:00	101.68	1.42829	0.336	17.36	0.364	13.82	44.0155	104.713081	104.766664	1.016825	104.729381	
2010	73	1300	73.541666667		03/14/2010 13:00	101.52	1.42604	0.336	17.37	0.364	13.77	44.0205	104.711557	104.765140	1.015225	104.727781	
2010	73	1400	73.583333333		03/14/2010 14:00	101.51	1.42590	0.336	17.36	0.364	13.74	44.0208	104.7114618	104.765045	1.015125	104.727681	
2010	73	1500	73.625000000		03/14/2010 15:00	101.41	1.42450	0.336	17.36	0.363	13.73	44.0239	104.7105093	104.764093	1.014125	104.726681	
2010	73	1600	73.666666667		03/14/2010 16:00	101.41	1.42450	0.336	17.36	0.363	13.74	44.0239	104.7105093	104.764093	1.014125	104.726681	
2010	73	1700	73.708333333		03/14/2010 17:00	101.28	1.42267	0.336	17.36	0.363	13.78	44.0280	104.709271	104.762854	1.012825	104.725381	
2010	73	1800	73.750000000		03/14/2010 18:00	101.18	1.42127	0.336	17.36	0.363	13.6	44.0311	104.7083185	104.761902	1.011825	104.724381	
2010	73	1900	73.791666667		03/14/2010 19:00	101.16	1.42099	0.336	17.37	0.363	13.49	44.0317	104.708128	104.761711	1.011625	104.724181	
2010	73	2000	73.833333333		03/14/2010 20:00	101.07	1.41972	0.336	17.35	0.363	13.42	44.0345	104.7072708	104.760854	1.010725	104.723280	
2010	73	2100	73.875000000		03/14/2010 21:00	100.99	1.41860	0.335	17.35	0.363	13.36	44.0370	104.7065088	104.760092	1.009925	104.722480	
2010	73	2200	73.916666667		03/14/2010 22:00	100.88	1.41705	0.336	17.36	0.363	13.31	44.0405	104.705461	104.759044	1.008825	104.721380	
2010	73	2300	73.958333333		03/14/2010 23:00	100.8	1.41593	0.335	17.34	0.363	13.25	44.0430	104.704699	104.758282	1.008025	104.720580	
2010	73	2400	74.000000000		03/15/2010 0:00	100.65	1.41382	0.335	17.36	0.363	13.21	44.0477	104.7032702	104.756853	1.006525	104.719080	
2010	74	100	74.041666667		03/15/2010 1:00	100.53	1.41214	0.335	17.36	0.363	13.16	44.0514	104.7021272	104.755710	1.005325	104.717880	
2010	74	200	74.083333333		03/15/2010 2:00	100.41	1.41045	0.335	17.35	0.363	13.12	44.0552	104.7009842	104.754567	1.004125	104.716680	
2010	74	300	74.125000000		03/15/2010 3:00	100.22	1.40778	0.335	17.35	0.363	13.07	44.0611	104.6991745	104.752758	1.002225	104.714780	
2010	74	400	74.166666667		03/15/2010 4:00	100.07	1.40567	0.335	17.36	0.363	13.03	44.0658	104.6977457	104.751329	1.000725	104.713280	
2010	74	500	74.208333333		03/15/2010 5:00	99.925	1.40364	0.335	17.36	0.363	12.99	44.0703	104.6963646	104.749948	0.999275	104.711830	
2010	74	600	74.250000000		03/15/2010 6:00	99.708	1.40059	0.335	17.35	0.363	12.95	44.0771	104.6942976	104.747881	0.997105	104.709660	
2010	74	700	74.291666667		03/15/2010 7:00	99.557	1.39847	0.335	17.36	0.363	14.06	44.0818	104.6928594	104.746443	0.995595	104.708150	
2010	74	800	74.333333333		03/15/2010 8:00	99.404	1.39632	0.335	17.36	0.363	14.04	44.0866	104.691402	104.744985	0.994065	104.706620	
2010	74	900	74.375000000		03/15/2010 9:00	99.286	1.39466	0.335	17.36	0.362	13.93	44.0903	104.6902781	104.743861	0.992884	104.705440	
2010	74	1000	74.416666667		03/15/2010 10:00	99.163	1.39293	0.335	17.35	0.363	13.85	44.0941	104.6891065	104.742690	0.991654	104.704210	
2010	74	1100	74.458333333		03/15/2010 11:00	98.963	1.39013	0.335	17.37	0.362	13.78	44.1004	104.6872015	104.740785	0.989654	104.702210	
2010	74	1200	74.500000000		03/15/2010 12:00	98.872	1.38885	0.335	17.35	0.362	13.74	44.1032	104.6863347	104.739918	0.988744	104.701300	
2010	74	1300	74.541666667		03/15/2010 13:00	98.737	1.38695	0.335	17.36	0.362	13.69	44.1075	104.6850488	104.738632	0.987394	104.699950	
2010	74	1400	74.583333333		03/15/2010 14:00	98.581	1.38476	0.335	17.35	0.363	13.67	44.1123	104.6835629	104.737146	0.985834	104.698390	
2010	74	1500	74.625000000		03/15/2010 15:00	98.37	1.38180	0.335	17.37	0.362	13.65	44.1189	104.6815531	104.735136	0.983724	104.696280	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	74	1600	74.666666667		03/15/2010 16:00	98.22	1.37969	0.335	17.36	0.362	13.68	44.1236	104.6801244	104.733708	0.982224	104.694780	
2010	74	1700	74.708333333		03/15/2010 17:00	98.108	1.37811	0.335	17.36	0.362	13.7	44.1271	104.6790576	104.732641	0.981104	104.693660	
2010	74	1800	74.750000000		03/15/2010 18:00	97.944	1.37581	0.335	17.38	0.362	13.55	44.1322	104.6774954	104.731079	0.979464	104.692020	
2010	74	1900	74.791666667		03/15/2010 19:00	97.772	1.37340	0.335	17.37	0.362	13.45	44.1376	104.6758571	104.729440	0.977744	104.690300	
2010	74	2000	74.833333333		03/15/2010 20:00	97.637	1.37150	0.335	17.37	0.362	13.37	44.1418	104.6745713	104.728155	0.976394	104.688950	
2010	74	2100	74.875000000		03/15/2010 21:00	97.489	1.36942	0.335	17.37	0.362	13.31	44.1465	104.6731615	104.726745	0.974914	104.687470	
2010	74	2200	74.916666667		03/15/2010 22:00	97.413	1.36835	0.335	17.36	0.362	13.26	44.1488	104.6724376	104.726021	0.974154	104.686710	
2010	74	2300	74.958333333		03/15/2010 23:00	97.238	1.36589	0.335	17.36	0.362	13.2	44.1543	104.6707708	104.724354	0.972404	104.684960	
2010	74	2400	75.000000000		03/16/2010 0:00	97.153	1.36470	0.335	17.36	0.362	13.15	44.1570	104.6699611	104.723544	0.971554	104.684110	
2010	75	100	75.041666667		03/16/2010 1:00	97.01	1.36269	0.334	17.37	0.362	13.1	44.1614	104.668599	104.722182	0.970124	104.682679	
2010	75	200	75.083333333		03/16/2010 2:00	96.869	1.36071	0.334	17.36	0.362	13.06	44.1658	104.667256	104.720839	0.968714	104.681269	
2010	75	300	75.125000000		03/16/2010 3:00	96.799	1.35973	0.334	17.37	0.362	13.01	44.1680	104.6665893	104.720173	0.968014	104.680569	
2010	75	400	75.166666667		03/16/2010 4:00	96.667	1.35787	0.334	17.38	0.362	12.97	44.1721	104.6653319	104.718915	0.966694	104.679249	
2010	75	500	75.208333333		03/16/2010 5:00	96.599	1.35692	0.334	17.37	0.362	12.93	44.1743	104.6646842	104.718268	0.966014	104.678569	
2010	75	600	75.250000000		03/16/2010 6:00	96.472	1.35513	0.334	17.36	0.362	12.9	44.1782	104.6634746	104.717058	0.964744	104.677299	
2010	75	700	75.291666667		03/16/2010 7:00	96.363	1.35360	0.335	17.35	0.362	13.64	44.1816	104.6624363	104.716020	0.963654	104.676209	
2010	75	800	75.333333333		03/16/2010 8:00	96.28	1.35244	0.334	17.37	0.362	14.04	44.1842	104.6616458	104.715229	0.962824	104.675379	
2010	75	900	75.375000000		03/16/2010 9:00	96.22	1.35159	0.334	17.35	0.362	13.96	44.1861	104.6610742	104.714658	0.962224	104.674779	
2010	75	1000	75.416666667		03/16/2010 10:00	96.119	1.35018	0.334	17.38	0.362	13.85	44.1893	104.6601122	104.713695	0.961214	104.673769	
2010	75	1100	75.458333333		03/16/2010 11:00	96.027	1.34888	0.334	17.37	0.362	13.74	44.1921	104.6592359	104.712819	0.960294	104.672849	
2010	75	1200	75.500000000		03/16/2010 12:00	95.937	1.34762	0.334	17.37	0.362	13.69	44.1950	104.6583787	104.711962	0.959394	104.671949	
2010	75	1300	75.541666667		03/16/2010 13:00	95.852	1.34643	0.334	17.38	0.362	13.61	44.1976	104.657569	104.711152	0.958544	104.671099	
2010	75	1400	75.583333333		03/16/2010 14:00	95.627	1.34326	0.334	17.36	0.362	13.54	44.2046	104.6554259	104.709009	0.956294	104.668849	
2010	75	1500	75.625000000		03/16/2010 15:00	95.522	1.34179	0.334	17.37	0.362	13.49	44.2079	104.6544258	104.708009	0.955244	104.667799	
2010	75	1600	75.666666667		03/16/2010 16:00	95.395	1.34001	0.334	17.37	0.362	13.49	44.2119	104.6532161	104.706799	0.953974	104.666529	
2010	75	1700	75.708333333		03/16/2010 17:00	95.158	1.33668	0.334	17.36	0.362	13.55	44.2193	104.6509586	104.704542	0.951603	104.664159	
2010	75	1800	75.750000000		03/16/2010 18:00	95.325	1.33902	0.334	17.37	0.362	13.39	44.2141	104.6525493	104.706133	0.953274	104.665829	
2010	75	1900	75.791666667		03/16/2010 19:00	94.984	1.33423	0.334	17.37	0.362	13.3	44.2247	104.6493013	104.702885	0.949863	104.662419	
2010	75	2000	75.833333333		03/16/2010 20:00	94.885	1.33284	0.334	17.37	0.362	13.23	44.2278	104.6483583	104.701942	0.948873	104.661429	
2010	75	2100	75.875000000		03/16/2010 21:00	94.843	1.33225	0.334	17.37	0.362	13.18	44.2291	104.6479583	104.701542	0.948453	104.661009	
2010	75	2200	75.916666667		03/16/2010 22:00	94.697	1.33020	0.334	17.37	0.361	13.12	44.2337	104.6465676	104.700151	0.946993	104.659549	
2010	75	2300	75.958333333		03/16/2010 23:00	94.584	1.32861	0.334	17.37	0.362	13.07	44.2372	104.6454913	104.699075	0.945863	104.658419	
2010	75	2400	76.000000000		03/17/2010 0:00	94.457	1.32683	0.334	17.36	0.361	13.03	44.2412	104.6442816	104.697865	0.944593	104.657149	
2010	76	100	76.041666667		03/17/2010 1:00	94.448	1.32670	0.334	17.37	0.362	12.99	44.2415	104.6441959	104.697779	0.944503	104.657059	
2010	76	200	76.083333333		03/17/2010 2:00	94.352	1.32535	0.334	17.37	0.362	12.94	44.2445	104.6432814	104.696865	0.943543	104.656099	
2010	76	300	76.125000000		03/17/2010 3:00	94.328	1.32502	0.334	17.39	0.361	12.91	44.2452	104.6430528	104.696636	0.943303	104.655859	
2010	76	400	76.166666667		03/17/2010 4:00	94.29	1.32448	0.334	17.38	0.361	12.88	44.2464	104.6426909	104.696274	0.942923	104.655479	
2010	76	500	76.208333333		03/17/2010 5:00	94.28	1.32434	0.334	17.35	0.361	12.85	44.2467	104.6425956	104.696179	0.942823	104.655379	
2010	76	600	76.250000000		03/17/2010 6:00	94.301	1.32464	0.334	17.37	0.361	12.83	44.2461	104.6427957	104.696379	0.943033	104.655589	
2010	76	700	76.291666667		03/17/2010 7:00	94.33	1.32505	0.334	17.37	0.361	13.51	44.2452	104.6430719	104.696655	0.943323	104.655879	
2010	76	800	76.333333333		03/17/2010 8:00	94.283	1.32439	0.334	17.38	0.361	14	44.2466	104.6426242	104.696207	0.942853	104.655409	
2010	76	900	76.375000000		03/17/2010 9:00	94.276	1.32429	0.334	17.35	0.361	13.93	44.2469	104.6425575	104.696141	0.942783	104.655339	
2010	76	1000	76.416666667		03/17/2010 10:00	94.261	1.32408	0.334	17.36	0.361	13.84	44.2473	104.6424147	104.695998	0.942633	104.655189	
2010	76	1100	76.458333333		03/17/2010 11:00	94.215	1.32343	0.334	17.37	0.361	13.77	44.2488	104.6419765	104.695560	0.942173	104.654729	
2010	76	1200	76.500000000		03/17/2010 12:00	94.194	1.32314	0.334	17.38	0.361	13.74	44.2494	104.6417765	104.695360	0.941963	104.654519	
2010	76	1300	76.541666667		03/17/2010 13:00	94.138	1.32235	0.334	17.36	0.361	13.7	44.2512	104.6412431	104.694826	0.941403	104.653959	
2010	76	1400	76.583333333		03/17/2010 14:00	94.036	1.32092	0.334	17.38	0.361	13.67	44.2544	104.6402715	104.693855	0.940383	104.652939	
2010	76	1500	76.625000000		03/17/2010 15:00	93.918	1.31926	0.333	17.36	0.361	13.7	44.2580	104.6391476	104.692731	0.939203	104.651759	
2010	76	1600	76.666666667		03/17/2010 16:00	93.856	1.31839	0.333	17.38	0.361	13.69	44.2600	104.638557	104.692140	0.938583	104.651139	
2010	76	1700	76.708333333		03/17/2010 17:00	93.828	1.31799	0.334	17.36	0.361	13.73	44.2609	104.6382903	104.691874	0.938303	104.650859	
2010	76	1800	76.750000000		03/17/2010 18:00	93.74	1.31676	0.333	17.35	0.361	13.57	44.2636	104.6374521	104.691035	0.937423	104.649979	
2010	76	1900	76.791666667		03/17/2010 19:00	93.649	1.31548	0.333	17.38	0.361	13.47	44.2665	104.6365853	104.690169	0.936513	104.649069	
2010	76	2000	76.833333333		03/17/2010 20:00	93.607	1.31489	0.333	17.35	0.361	13.4	44.2678	104.6361853	104.689769	0.936093	104.648649	
2010	76	2100	76.875000000		03/17/2010 21:00	93.492	1.31327	0.333	17.35	0.361	13.33	44.2714	104.6350899	104.688673	0.934943	104.647499	
2010	76	2200	76.916666667		03/17/2010 22:00	93.35	1.31128	0.333	17.35	0.361	13.28	44.2758	104.6337373	104.687321	0.933523	104.646079	
2010	76	2300	76.958333333		03/17/2010 23:00	93.333	1.31104	0.333	17.38	0.361	13.24	44.2763	104.6335754	104.687159	0.933353	104.645909	
2010	76	2400	77.000000000		03/18/2010 0:00	93.158	1.30858	0.333	17.37	0.361	13.18	44.2818	104.6319085	104.685492	0.931603	104.644159	
2010	77	100	77.041666667		03/18/2010 1:00	93.083	1.30753	0.333	17.38	0.361	13.13	44.2841	104.6311942	104.684777	0.930853	104.643409	
2010	77	200	77.083333333		03/18/2010 2:00	92.918	1.30521	0.333	17.35	0.361	13.09	44.2893	104.6296225	104.683206	0.929203	104.641758	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	77	300	77.125000000		03/18/2010 3:00	92.851	1.30427	0.333	17.36	0.36	13.05	44.2914	104.6289843	104.682568	0.928533	104.641088	
2010	77	400	77.166666667		03/18/2010 4:00	92.769	1.30312	0.333	17.38	0.36	13	44.2940	104.6282033	104.681787	0.927713	104.640268	
2010	77	500	77.208333333		03/18/2010 5:00	92.556	1.30013	0.333	17.35	0.36	12.96	44.3006	104.6261745	104.679758	0.925583	104.638138	
2010	77	600	77.250000000		03/18/2010 6:00	92.468	1.29889	0.333	17.37	0.36	12.92	44.3034	104.6253362	104.678920	0.924703	104.637258	
2010	77	700	77.291666667		03/18/2010 7:00	92.324	1.29687	0.333	17.35	0.36	14.11	44.3079	104.6239646	104.677548	0.923263	104.635818	
2010	77	800	77.333333333		03/18/2010 8:00	92.237	1.29565	0.333	17.36	0.36	14.04	44.3106	104.623136	104.676719	0.922393	104.634948	
2010	77	900	77.375000000		03/18/2010 9:00	92.103	1.29376	0.333	17.38	0.36	13.96	44.3148	104.6218596	104.675443	0.921053	104.633608	
2010	77	1000	77.416666667		03/18/2010 10:00	91.993	1.29222	0.333	17.37	0.36	13.86	44.3182	104.6208118	104.674395	0.919953	104.632508	
2010	77	1100	77.458333333		03/18/2010 11:00	91.93	1.29133	0.333	17.37	0.36	13.81	44.3202	104.6202118	104.673795	0.919323	104.631878	
2010	77	1200	77.500000000		03/18/2010 12:00	91.808	1.28962	0.333	17.38	0.36	13.78	44.3240	104.6190497	104.672633	0.918103	104.630658	
2010	77	1300	77.541666667		03/18/2010 13:00	91.629	1.28710	0.333	17.38	0.36	13.75	44.3296	104.6173447	104.670928	0.916313	104.628868	
2010	77	1400	77.583333333		03/18/2010 14:00	91.47	1.28487	0.332	17.37	0.36	13.7	44.3345	104.6158302	104.669414	0.914723	104.627278	
2010	77	1500	77.625000000		03/18/2010 15:00	91.386	1.28369	0.333	17.37	0.36	13.68	44.3372	104.6150301	104.668613	0.913883	104.626438	
2010	77	1600	77.666666667		03/18/2010 16:00	91.189	1.28092	0.333	17.37	0.36	13.69	44.3433	104.6131537	104.666737	0.911912	104.624468	
2010	77	1700	77.708333333		03/18/2010 17:00	91.02	1.27855	0.333	17.38	0.36	13.73	44.3486	104.611544	104.665127	0.910222	104.622778	
2010	77	1800	77.750000000		03/18/2010 18:00	90.868	1.27642	0.333	17.36	0.36	13.58	44.3534	104.6100962	104.663679	0.908702	104.621258	
2010	77	1900	77.791666667		03/18/2010 19:00	90.755	1.27483	0.332	17.37	0.36	13.49	44.3569	104.6090198	104.662603	0.907572	104.620128	
2010	77	2000	77.833333333		03/18/2010 20:00	90.597	1.27261	0.332	17.35	0.36	13.4	44.3618	104.6075149	104.661098	0.905992	104.618548	
2010	77	2100	77.875000000		03/18/2010 21:00	90.503	1.27129	0.332	17.34	0.36	13.35	44.3648	104.6066195	104.660203	0.905052	104.617608	
2010	77	2200	77.916666667		03/18/2010 22:00	90.315	1.26865	0.332	17.37	0.36	13.3	44.3706	104.6048288	104.658412	0.903172	104.615728	
2010	77	2300	77.958333333		03/18/2010 23:00	90.204	1.26709	0.332	17.35	0.36	13.25	44.3741	104.6037715	104.657355	0.902062	104.614618	
2010	77	2400	78.000000000		03/19/2010 0:00	90.098	1.26560	0.332	17.37	0.36	13.19	44.3774	104.6027619	104.656345	0.901002	104.613558	
2010	78	100	78.041666667		03/19/2010 1:00	90.093	1.26553	0.332	17.37	0.36	13.15	44.3776	104.6027142	104.656298	0.900952	104.613508	
2010	78	200	78.083333333		03/19/2010 2:00	90.006	1.26431	0.332	17.38	0.359	13.11	44.3803	104.6018856	104.655469	0.900082	104.612638	
2010	78	300	78.125000000		03/19/2010 3:00	89.89	1.26268	0.332	17.37	0.359	13.06	44.3839	104.6007807	104.654364	0.898922	104.611478	
2010	78	400	78.166666667		03/19/2010 4:00	89.84	1.26197	0.332	17.37	0.359	13.02	44.3855	104.6003044	104.653888	0.898422	104.610978	
2010	78	500	78.208333333		03/19/2010 5:00	89.805	1.26148	0.332	17.36	0.359	12.97	44.3866	104.599971	104.653554	0.898072	104.610628	
2010	78	600	78.250000000		03/19/2010 6:00	89.807	1.26151	0.332	17.37	0.359	12.94	44.3865	104.5999901	104.653573	0.898092	104.610648	
2010	78	700	78.291666667		03/19/2010 7:00	89.717	1.26025	0.332	17.36	0.359	14.14	44.3893	104.5991328	104.652716	0.897192	104.609748	
2010	78	800	78.333333333		03/19/2010 8:00	89.724	1.26035	0.332	17.36	0.359	14.07	44.3891	104.5991995	104.652783	0.897262	104.609818	
2010	78	900	78.375000000		03/19/2010 9:00	89.763	1.26089	0.332	17.35	0.359	13.98	44.3879	104.599571	104.653154	0.897652	104.610208	
2010	78	1000	78.416666667		03/19/2010 10:00	89.762	1.26088	0.332	17.37	0.359	13.9	44.3879	104.5995615	104.653145	0.897642	104.610198	
2010	78	1100	78.458333333		03/19/2010 11:00	89.805	1.26148	0.332	17.38	0.359	13.83	44.3866	104.599971	104.653554	0.898072	104.610628	
2010	78	1200	78.500000000		03/19/2010 12:00	89.859	1.26224	0.332	17.38	0.359	13.79	44.3849	104.6004854	104.654069	0.898612	104.611168	
2010	78	1300	78.541666667		03/19/2010 13:00	89.923	1.26314	0.332	17.38	0.359	13.73	44.3829	104.601095	104.654678	0.899252	104.611808	
2010	78	1400	78.583333333		03/19/2010 14:00	89.985	1.26401	0.331	17.37	0.359	13.67	44.3810	104.6016855	104.655269	0.899872	104.612428	
2010	78	1500	78.625000000		03/19/2010 15:00	90.054	1.26498	0.331	17.38	0.359	13.65	44.3788	104.6023428	104.655926	0.900562	104.613118	
2010	78	1600	78.666666667		03/19/2010 16:00	90.237	1.26755	0.331	17.38	0.359	13.66	44.3731	104.6040859	104.657669	0.902392	104.614948	
2010	78	1700	78.708333333		03/19/2010 17:00	90.312	1.26861	0.331	17.36	0.359	13.71	44.3707	104.6048002	104.658383	0.903142	104.615698	
2010	78	1800	78.750000000		03/19/2010 18:00	90.458	1.27066	0.331	17.37	0.359	13.57	44.3662	104.6061909	104.659774	0.904602	104.617158	
2010	78	1900	78.791666667		03/19/2010 19:00	90.597	1.27261	0.332	17.37	0.359	13.47	44.3618	104.6075149	104.661098	0.905992	104.618548	
2010	78	2000	78.833333333		03/19/2010 20:00	90.788	1.27529	0.331	17.36	0.359	13.39	44.3559	104.6093342	104.662917	0.907902	104.620458	
2010	78	2100	78.875000000		03/19/2010 21:00	90.964	1.27776	0.331	17.39	0.359	13.32	44.3504	104.6110106	104.664594	0.909662	104.622218	
2010	78	2200	78.916666667		03/19/2010 22:00	91.123	1.28000	0.331	17.36	0.359	13.28	44.3454	104.6125251	104.666108	0.911252	104.623808	
2010	78	2300	78.958333333		03/19/2010 23:00	91.275	1.28213	0.331	17.38	0.358	13.23	44.3406	104.6139729	104.667556	0.912773	104.625328	
2010	78	2400	79.000000000		03/20/2010 0:00	91.493	1.28519	0.331	17.37	0.358	13.18	44.3338	104.6160493	104.669633	0.914953	104.627508	
2010	79	100	79.041666667		03/20/2010 1:00	91.654	1.28746	0.331	17.38	0.358	13.13	44.3288	104.6175829	104.671166	0.916563	104.629118	
2010	79	200	79.083333333		03/20/2010 2:00	91.758	1.28892	0.331	17.37	0.358	13.09	44.3255	104.6185735	104.672157	0.917603	104.630158	
2010	79	300	79.125000000		03/20/2010 3:00	91.869	1.29048	0.331	17.38	0.358	13.04	44.3221	104.6196307	104.673214	0.918713	104.631268	
2010	79	400	79.166666667		03/20/2010 4:00	91.971	1.29191	0.331	17.36	0.358	13	44.3189	104.6206023	104.674186	0.919733	104.632288	
2010	79	500	79.208333333		03/20/2010 5:00	92.056	1.29310	0.331	17.34	0.358	12.96	44.3162	104.6214119	104.674995	0.920583	104.633138	
2010	79	600	79.250000000		03/20/2010 6:00	92.094	1.29364	0.33	17.33	0.358	12.92	44.3150	104.6217739	104.675357	0.920963	104.633518	
2010	79	700	79.291666667		03/20/2010 7:00	92.092	1.29361	0.331	17.36	0.358	14.18	44.3151	104.6217548	104.675338	0.920943	104.633498	
2010	79	800	79.333333333		03/20/2010 8:00	92.14	1.29428	0.33	17.35	0.358	14.11	44.3136	104.622212	104.675795	0.921423	104.633978	
2010	79	900	79.375000000		03/20/2010 9:00	92.151	1.29444	0.33	17.38	0.358	14.01	44.3133	104.6223168	104.675900	0.921533	104.634088	
2010	79	1000	79.416666667		03/20/2010 10:00	92.229	1.29553	0.33	17.37	0.358	13.94	44.3108	104.6230598	104.676643	0.922313	104.634868	
2010	79	1100	79.458333333		03/20/2010 11:00	92.32	1.29681	0.33	17.36	0.357	13.84	44.3080	104.6239265	104.677510	0.923223	104.635778	
2010	79	1200	79.500000000		03/20/2010 12:00	92.336	1.29704	0.33	17.38	0.357	13.79	44.3075	104.6240789	104.677662	0.923383	104.635938	
2010	79	1300	79.541666667		03/20/2010 13:00	92.303	1.29657	0.33	17.38	0.357	13.72	44.3085	104.6237646	104.677348	0.923053	104.635608	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	79	1400	79.583333333		03/20/2010 14:00	92.249	1.29581	0.33	17.36	0.357	13.64	44.3102	104.6232503	104.676834	0.922513	104.635068	
2010	79	1500	79.625000000		03/20/2010 15:00	92.333	1.29699	0.33	17.37	0.357	13.61	44.3076	104.6240504	104.677634	0.923353	104.635908	
2010	79	1600	79.666666667		03/20/2010 16:00	92.267	1.29607	0.33	17.38	0.357	13.62	44.3096	104.6234217	104.677005	0.922693	104.635248	
2010	79	1700	79.708333333		03/20/2010 17:00	92.23	1.29555	0.33	17.37	0.357	13.65	44.3108	104.6230693	104.676653	0.922323	104.634878	
2010	79	1800	79.750000000		03/20/2010 18:00	92.238	1.29566	0.33	17.37	0.357	13.54	44.3105	104.6231455	104.676729	0.922403	104.634958	
2010	79	1900	79.791666667		03/20/2010 19:00	92.22	1.29541	0.329	17.37	0.356	13.43	44.3111	104.622974	104.676557	0.922223	104.634778	
2010	79	2000	79.833333333		03/20/2010 20:00	92.216	1.29535	0.33	17.38	0.357	13.36	44.3112	104.6229359	104.676519	0.922183	104.634738	
2010	79	2100	79.875000000		03/20/2010 21:00	92.204	1.29518	0.329	17.37	0.357	13.3	44.3116	104.6228216	104.676405	0.922063	104.634618	
2010	79	2200	79.916666667		03/20/2010 22:00	92.202	1.29515	0.329	17.36	0.357	13.25	44.3117	104.6228026	104.676386	0.922043	104.634598	
2010	79	2300	79.958333333		03/20/2010 23:00	92.185	1.29492	0.33	17.38	0.357	13.2	44.3122	104.6226407	104.676224	0.921873	104.634428	
2010	79	2400	80.000000000		03/21/2010 0:00	92.23	1.29555	0.329	17.37	0.357	13.15	44.3108	104.6230693	104.676653	0.922323	104.634878	
2010	80	100	80.041666667		03/21/2010 1:00	92.209	1.29525	0.329	17.39	0.356	13.11	44.3115	104.6228693	104.676453	0.922113	104.634668	
2010	80	200	80.083333333		03/21/2010 2:00	92.169	1.29469	0.329	17.39	0.356	13.06	44.3127	104.6224883	104.676072	0.921713	104.634268	
2010	80	300	80.125000000		03/21/2010 3:00	92.113	1.29390	0.329	17.37	0.356	13.02	44.3145	104.6219549	104.675538	0.921153	104.633708	
2010	80	400	80.166666667		03/21/2010 4:00	92.147	1.29438	0.329	17.38	0.356	12.98	44.3134	104.6222787	104.675862	0.921493	104.634048	
2010	80	500	80.208333333		03/21/2010 5:00	92.214	1.29532	0.329	17.36	0.356	12.94	44.3113	104.6229169	104.676500	0.922163	104.634718	
2010	80	600	80.250000000		03/21/2010 6:00	92.252	1.29586	0.329	17.36	0.356	12.91	44.3101	104.6232788	104.676862	0.922543	104.635098	
2010	80	700	80.291666667		03/21/2010 7:00	92.206	1.29521	0.329	17.38	0.356	13.09	44.3115	104.6228407	104.676424	0.922083	104.634638	
2010	80	800	80.333333333		03/21/2010 8:00	92.267	1.29607	0.329	17.36	0.356	13.74	44.3096	104.6234217	104.677005	0.922693	104.635248	
2010	80	900	80.375000000		03/21/2010 9:00	92.351	1.29725	0.329	17.38	0.356	13.82	44.3070	104.6242218	104.677805	0.923533	104.636088	
2010	80	1000	80.416666667		03/21/2010 10:00	92.462	1.29881	0.329	17.38	0.356	13.8	44.3035	104.6252791	104.678862	0.924643	104.637198	
2010	80	1100	80.458333333		03/21/2010 11:00	92.589	1.30059	0.329	17.38	0.356	13.78	44.2996	104.6264888	104.680072	0.925913	104.638468	
2010	80	1200	80.500000000		03/21/2010 12:00	92.594	1.30066	0.329	17.38	0.356	13.76	44.2994	104.6265364	104.680120	0.925963	104.638518	
2010	80	1300	80.541666667		03/21/2010 13:00	92.882	1.30471	0.328	17.38	0.355	13.75	44.2904	104.6292796	104.682863	0.928843	104.641398	
2010	80	1400	80.583333333		03/21/2010 14:00	92.773	1.30317	0.328	17.38	0.355	13.72	44.2938	104.6282414	104.681825	0.927753	104.640308	
2010	80	1500	80.625000000		03/21/2010 15:00	92.751	1.30287	0.328	17.38	0.355	13.73	44.2945	104.6280318	104.681615	0.927533	104.640088	
2010	80	1600	80.666666667		03/21/2010 16:00	92.761	1.30301	0.328	17.38	0.355	13.71	44.2942	104.6281271	104.681710	0.927633	104.640188	
2010	80	1700	80.708333333		03/21/2010 17:00	92.913	1.30514	0.328	17.38	0.355	13.72	44.2895	104.6295749	104.683158	0.929153	104.641708	
2010	80	1800	80.750000000		03/21/2010 18:00	92.837	1.30407	0.328	17.38	0.355	13.54	44.2918	104.628851	104.682434	0.928393	104.640948	
2010	80	1900	80.791666667		03/21/2010 19:00	92.869	1.30452	0.328	17.38	0.355	13.44	44.2908	104.6291558	104.682739	0.928713	104.641268	
2010	80	2000	80.833333333		03/21/2010 20:00	92.862	1.30442	0.328	17.37	0.355	13.36	44.2910	104.6290891	104.682672	0.928643	104.641198	
2010	80	2100	80.875000000		03/21/2010 21:00	92.909	1.30508	0.328	17.39	0.355	13.3	44.2896	104.6295368	104.683120	0.929113	104.641668	
2010	80	2200	80.916666667		03/21/2010 22:00	92.927	1.30534	0.328	17.38	0.355	13.24	44.2890	104.6297082	104.683292	0.929293	104.641848	
2010	80	2300	80.958333333		03/21/2010 23:00	93.028	1.30676	0.328	17.38	0.355	13.19	44.2859	104.6306703	104.684254	0.930303	104.642859	
2010	80	2400	81.000000000		03/22/2010 0:00	93.08	1.30749	0.328	17.4	0.355	13.14	44.2842	104.6311656	104.684749	0.930823	104.643379	
2010	81	100	81.041666667		03/22/2010 1:00	93.105	1.30784	0.328	17.39	0.355	13.1	44.2835	104.6314037	104.684987	0.931073	104.643629	
2010	81	200	81.083333333		03/22/2010 2:00	93.225	1.30952	0.328	17.38	0.355	13.06	44.2797	104.6325467	104.686130	0.932273	104.644829	
2010	81	300	81.125000000		03/22/2010 3:00	93.224	1.30951	0.328	17.39	0.355	13.01	44.2797	104.6325372	104.686120	0.932263	104.644819	
2010	81	400	81.166666667		03/22/2010 4:00	93.189	1.30902	0.328	17.36	0.355	12.97	44.2808	104.6322038	104.685787	0.931913	104.644469	
2010	81	500	81.208333333		03/22/2010 5:00	93.323	1.31090	0.328	17.37	0.355	12.94	44.2766	104.6334802	104.687063	0.933253	104.645809	
2010	81	600	81.250000000		03/22/2010 6:00	93.346	1.31122	0.327	17.38	0.354	12.9	44.2759	104.6336992	104.687283	0.933483	104.646039	
2010	81	700	81.291666667		03/22/2010 7:00	93.332	1.31103	0.327	17.38	0.354	14.01	44.2764	104.6335659	104.687149	0.933343	104.645899	
2010	81	800	81.333333333		03/22/2010 8:00	93.297	1.31054	0.327	17.38	0.354	13.96	44.2775	104.6332325	104.686816	0.932993	104.645549	
2010	81	900	81.375000000		03/22/2010 9:00	93.353	1.31132	0.328	17.37	0.355	13.86	44.2757	104.6337659	104.687349	0.933553	104.646109	
2010	81	1000	81.416666667		03/22/2010 10:00	93.459	1.31281	0.327	17.37	0.354	13.78	44.2724	104.6347756	104.688359	0.934613	104.647169	
2010	81	1100	81.458333333		03/22/2010 11:00	93.461	1.31284	0.327	17.38	0.354	13.73	44.2723	104.6347946	104.688378	0.934633	104.647189	
2010	81	1200	81.500000000		03/22/2010 12:00	93.495	1.31332	0.327	17.38	0.354	13.72	44.2713	104.6351185	104.688702	0.934973	104.647529	
2010	81	1300	81.541666667		03/22/2010 13:00	93.564	1.31429	0.327	17.39	0.354	13.67	44.2691	104.6357757	104.689359	0.935663	104.648219	
2010	81	1400	81.583333333		03/22/2010 14:00	93.521	1.31368	0.327	17.39	0.354	13.64	44.2705	104.6353661	104.688949	0.935233	104.647789	
2010	81	1500	81.625000000		03/22/2010 15:00	93.514	1.31358	0.327	17.39	0.354	13.62	44.2707	104.6352995	104.688883	0.935163	104.647719	
2010	81	1600	81.666666667		03/22/2010 16:00	93.515	1.31360	0.327	17.39	0.354	13.65	44.2706	104.635309	104.688892	0.935173	104.647729	
2010	81	1700	81.708333333		03/22/2010 17:00	93.395	1.31191	0.327	17.38	0.354	13.69	44.2744	104.634166	104.687749	0.933973	104.646529	
2010	81	1800	81.750000000		03/22/2010 18:00	93.347	1.31124	0.327	17.37	0.354	13.55	44.2759	104.6337088	104.687292	0.933493	104.646049	
2010	81	1900	81.791666667		03/22/2010 19:00	93.2	1.30917	0.327	17.37	0.354	13.45	44.2805	104.6323086	104.685892	0.932023	104.644579	
2010	81	2000	81.833333333		03/22/2010 20:00	93.181	1.30891	0.327	17.38	0.354	13.38	44.2811	104.6321276	104.685711	0.931833	104.644389	
2010	81	2100	81.875000000		03/22/2010 21:00	92.971	1.30596	0.327	17.37	0.354	13.32	44.2876	104.6301274	104.683711	0.929733	104.642289	
2010	81	2200	81.916666667		03/22/2010 22:00	92.953	1.30570	0.327	17.37	0.354	13.26	44.2882	104.6299559	104.683539	0.929553	104.642108	
2010	81	2300	81.958333333		03/22/2010 23:00	92.834	1.30403	0.327	17.38	0.354	13.21	44.2919	104.6288224	104.682406	0.928363	104.640918	
2010	81	2400	82.000000000		03/23/2010 0:00	92.708	1.30226	0.327	17.38	0.354	13.16	44.2959	104.6276223	104.681206	0.927103	104.639658	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	82	100	82.041666667		03/23/2010 1:00	92.548	1.30001	0.327	17.36	0.354	13.12	44.3009	104.6260983	104.679682	0.925503	104.638058	
2010	82	200	82.083333333		03/23/2010 2:00	92.449	1.29862	0.327	17.4	0.354	13.07	44.3040	104.6251553	104.678739	0.924513	104.637068	
2010	82	300	82.125000000		03/23/2010 3:00	92.285	1.29632	0.327	17.36	0.354	13.03	44.3091	104.6235932	104.677176	0.922873	104.635428	
2010	82	400	82.166666667		03/23/2010 4:00	92.166	1.29465	0.327	17.36	0.354	12.99	44.3128	104.6224597	104.676043	0.921683	104.634238	
2010	82	500	82.208333333		03/23/2010 5:00	92.011	1.29247	0.327	17.38	0.354	12.95	44.3176	104.6209833	104.674567	0.920133	104.632688	
2010	82	600	82.250000000		03/23/2010 6:00	91.812	1.28968	0.327	17.37	0.354	12.91	44.3239	104.6190878	104.672671	0.918143	104.630698	
2010	82	700	82.291666667		03/23/2010 7:00	91.74	1.28866	0.327	17.39	0.353	14.06	44.3261	104.618402	104.671985	0.917423	104.629978	
2010	82	800	82.333333333		03/23/2010 8:00	91.49	1.28515	0.326	17.38	0.353	14	44.3339	104.6160207	104.669604	0.914923	104.627478	
2010	82	900	82.375000000		03/23/2010 9:00	91.386	1.28369	0.327	17.37	0.354	13.9	44.3372	104.6150301	104.668613	0.913883	104.626438	
2010	82	1000	82.416666667		03/23/2010 10:00	91.214	1.28128	0.326	17.39	0.353	13.83	44.3425	104.6133918	104.666975	0.912162	104.624718	
2010	82	1100	82.458333333		03/23/2010 11:00	91.066	1.27920	0.326	17.39	0.353	13.76	44.3472	104.6119821	104.665565	0.910682	104.623238	
2010	82	1200	82.500000000		03/23/2010 12:00	90.89	1.27672	0.326	17.38	0.353	13.74	44.3527	104.6103057	104.663889	0.908922	104.621478	
2010	82	1300	82.541666667		03/23/2010 13:00	90.751	1.27477	0.326	17.39	0.353	13.67	44.3570	104.6089817	104.662565	0.907532	104.620088	
2010	82	1400	82.583333333		03/23/2010 14:00	90.539	1.27179	0.326	17.38	0.353	13.62	44.3636	104.6069624	104.660546	0.905412	104.617968	
2010	82	1500	82.625000000		03/23/2010 15:00	90.379	1.26955	0.326	17.38	0.353	13.61	44.3686	104.6054384	104.659022	0.903812	104.616368	
2010	82	1600	82.666666667		03/23/2010 16:00	90.19	1.26689	0.326	17.39	0.353	13.62	44.3745	104.6036382	104.657221	0.901922	104.614478	
2010	82	1700	82.708333333		03/23/2010 17:00	89.997	1.26418	0.326	17.39	0.353	13.67	44.3806	104.6017998	104.655383	0.899992	104.612548	
2010	82	1800	82.750000000		03/23/2010 18:00	89.844	1.26203	0.326	17.37	0.353	13.55	44.3854	104.6003425	104.653926	0.898462	104.611018	
2010	82	1900	82.791666667		03/23/2010 19:00	89.723	1.26033	0.326	17.36	0.353	13.44	44.3891	104.59919	104.652773	0.897252	104.609808	
2010	82	2000	82.833333333		03/23/2010 20:00	89.675	1.25966	0.326	17.37	0.353	13.37	44.3906	104.5987328	104.652316	0.896772	104.609328	
2010	82	2100	82.875000000		03/23/2010 21:00	89.63	1.25903	0.326	17.36	0.353	13.31	44.3920	104.5983041	104.651887	0.896322	104.608878	
2010	82	2200	82.916666667		03/23/2010 22:00	89.597	1.25856	0.326	17.38	0.353	13.26	44.3931	104.5979898	104.651573	0.895992	104.608548	
2010	82	2300	82.958333333		03/23/2010 23:00	89.558	1.25801	0.326	17.38	0.353	13.22	44.3943	104.5976183	104.651202	0.895602	104.608158	
2010	82	2400	83.000000000		03/24/2010 0:00	89.661	1.25946	0.326	17.39	0.353	13.17	44.3911	104.5985994	104.652183	0.896632	104.609188	
2010	83	100	83.041666667		03/24/2010 1:00	89.707	1.26011	0.326	17.39	0.353	13.12	44.3896	104.5990376	104.652621	0.897092	104.609648	
2010	83	200	83.083333333		03/24/2010 2:00	89.662	1.25947	0.326	17.38	0.353	13.08	44.3910	104.5986089	104.652192	0.896642	104.609198	
2010	83	300	83.125000000		03/24/2010 3:00	89.783	1.26117	0.326	17.38	0.353	13.03	44.3873	104.5997615	104.653345	0.897852	104.610408	
2010	83	400	83.166666667		03/24/2010 4:00	89.816	1.26164	0.326	17.36	0.353	12.98	44.3862	104.6000758	104.653659	0.898182	104.610738	
2010	83	500	83.208333333		03/24/2010 5:00	89.902	1.26285	0.326	17.38	0.353	12.94	44.3835	104.600895	104.654478	0.899042	104.611598	
2010	83	600	83.250000000		03/24/2010 6:00	89.996	1.26417	0.326	17.38	0.353	12.91	44.3806	104.6017903	104.655374	0.899982	104.612538	
2010	83	700	83.291666667		03/24/2010 7:00	90.019	1.26449	0.326	17.37	0.353	14.13	44.3799	104.6020094	104.655593	0.900212	104.612768	
2010	83	800	83.333333333		03/24/2010 8:00	90.06	1.26507	0.326	17.38	0.353	14.08	44.3786	104.6023999	104.655983	0.900622	104.613178	
2010	83	900	83.375000000		03/24/2010 9:00	90.156	1.26641	0.326	17.38	0.353	13.99	44.3756	104.6033143	104.656898	0.901582	104.614138	
2010	83	1000	83.416666667		03/24/2010 10:00	90.295	1.26837	0.326	17.39	0.353	13.9	44.3713	104.6046383	104.658222	0.902972	104.615528	
2010	83	1100	83.458333333		03/24/2010 11:00	90.352	1.26917	0.326	17.39	0.353	13.82	44.3695	104.6051812	104.658764	0.903542	104.616098	
2010	83	1200	83.500000000		03/24/2010 12:00	90.449	1.27053	0.326	17.39	0.353	13.76	44.3665	104.6061052	104.659688	0.904512	104.617068	
2010	83	1300	83.541666667		03/24/2010 13:00	90.535	1.27174	0.326	17.4	0.353	13.7	44.3638	104.6069243	104.660508	0.905372	104.617928	
2010	83	1400	83.583333333		03/24/2010 14:00	90.617	1.27289	0.326	17.38	0.353	13.63	44.3612	104.6077054	104.661289	0.906192	104.618748	
2010	83	1500	83.625000000		03/24/2010 15:00	90.663	1.27354	0.326	17.39	0.353	13.6	44.3598	104.6081435	104.661727	0.906652	104.619208	
2010	83	1600	83.666666667		03/24/2010 16:00	90.771	1.27505	0.326	17.4	0.353	13.58	44.3564	104.6091722	104.662755	0.907732	104.620288	
2010	83	1700	83.708333333		03/24/2010 17:00	90.874	1.27650	0.326	17.38	0.353	13.6	44.3532	104.6101533	104.663737	0.908762	104.621318	
2010	83	1800	83.750000000		03/24/2010 18:00	90.925	1.27722	0.326	17.38	0.353	13.47	44.3516	104.6106391	104.664222	0.909272	104.621828	
2010	83	1900	83.791666667		03/24/2010 19:00	91.098	1.27965	0.326	17.38	0.353	13.37	44.3462	104.6122869	104.665870	0.911002	104.623558	
2010	83	2000	83.833333333		03/24/2010 20:00	91.192	1.28097	0.326	17.38	0.353	13.3	44.3432	104.6131823	104.666766	0.911942	104.624498	
2010	83	2100	83.875000000		03/24/2010 21:00	91.368	1.28344	0.326	17.38	0.353	13.25	44.3377	104.6148587	104.668442	0.913703	104.626258	
2010	83	2200	83.916666667		03/24/2010 22:00	91.637	1.28722	0.326	17.37	0.353	13.19	44.3293	104.6174209	104.671004	0.916393	104.628948	
2010	83	2300	83.958333333		03/24/2010 23:00	91.708	1.28821	0.325	17.38	0.352	13.14	44.3271	104.6180972	104.671680	0.917103	104.629658	
2010	83	2400	84.000000000		03/25/2010 0:00	91.852	1.29024	0.325	17.37	0.352	13.09	44.3226	104.6194688	104.673052	0.918543	104.631098	
2010	84	100	84.041666667		03/25/2010 1:00	91.982	1.29206	0.325	17.37	0.352	13.05	44.3185	104.6207071	104.674290	0.919843	104.632398	
2010	84	200	84.083333333		03/25/2010 2:00	92.231	1.29556	0.325	17.38	0.352	13.01	44.3108	104.6230788	104.676662	0.922333	104.634888	
2010	84	300	84.125000000		03/25/2010 3:00	92.454	1.29869	0.325	17.38	0.352	12.97	44.3038	104.6252029	104.678786	0.924563	104.637118	
2010	84	400	84.166666667		03/25/2010 4:00	92.528	1.29973	0.325	17.37	0.352	12.93	44.3015	104.6259078	104.679491	0.925303	104.637858	
2010	84	500	84.208333333		03/25/2010 5:00	92.728	1.30254	0.325	17.38	0.352	12.9	44.2952	104.6278128	104.681396	0.927303	104.639858	
2010	84	600	84.250000000		03/25/2010 6:00	92.907	1.30506	0.325	17.39	0.352	12.87	44.2896	104.6295177	104.683101	0.929093	104.641648	
2010	84	700	84.291666667		03/25/2010 7:00	93.049	1.30705	0.325	17.39	0.352	13.94	44.2852	104.6308703	104.684454	0.930513	104.643069	
2010	84	800	84.333333333		03/25/2010 8:00	93.21	1.30931	0.325	17.4	0.352	13.91	44.2802	104.6324038	104.685987	0.932123	104.644679	
2010	84	900	84.375000000		03/25/2010 9:00	93.515	1.31360	0.325	17.37	0.352	13.84	44.2706	104.635309	104.688892	0.935173	104.647729	
2010	84	1000	84.416666667		03/25/2010 10:00	93.686	1.31600	0.325	17.39	0.352	13.77	44.2653	104.6369378	104.690521	0.936883	104.649439	
2010	84	1100	84.458333333		03/25/2010 11:00	93.789	1.31745	0.325	17.4	0.352	13.76	44.2621	104.6379188	104.691502	0.937913	104.650469	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	84	1200	84.500000000		03/25/2010 12:00	93.892	1.31889	0.325	17.38	0.352	13.7	44.2589	104.6388999	104.692483	0.938943	104.651499	
2010	84	1300	84.541666667		03/25/2010 13:00	94.437	1.32655	0.325	17.4	0.352	13.67	44.2418	104.6440911	104.697674	0.944393	104.656949	
2010	84	1400	84.583333333		03/25/2010 14:00	94.307	1.32472	0.325	17.39	0.352	13.64	44.2459	104.6428528	104.696436	0.943093	104.655649	
2010	84	1500	84.625000000		03/25/2010 15:00	94.598	1.32881	0.325	17.39	0.352	13.67	44.2368	104.6456246	104.699208	0.946003	104.658559	
2010	84	1600	84.666666667		03/25/2010 16:00	94.471	1.32703	0.325	17.39	0.352	13.65	44.2408	104.6444149	104.697998	0.944733	104.657289	
2010	84	1700	84.708333333		03/25/2010 17:00	94.51	1.32757	0.325	17.38	0.352	13.69	44.2395	104.6447864	104.698370	0.945123	104.657679	
2010	84	1800	84.750000000		03/25/2010 18:00	94.591	1.32871	0.325	17.37	0.352	13.51	44.2370	104.6455579	104.699141	0.945933	104.658489	
2010	84	1900	84.791666667		03/25/2010 19:00	94.756	1.33103	0.325	17.39	0.352	13.41	44.2319	104.6471296	104.700713	0.947583	104.660139	
2010	84	2000	84.833333333		03/25/2010 20:00	94.963	1.33394	0.325	17.39	0.352	13.34	44.2254	104.6491013	104.702685	0.949653	104.662209	
2010	84	2100	84.875000000		03/25/2010 21:00	94.951	1.33377	0.325	17.38	0.352	13.28	44.2258	104.648987	104.702570	0.949533	104.662089	
2010	84	2200	84.916666667		03/25/2010 22:00	95.038	1.33499	0.325	17.4	0.352	13.22	44.2230	104.6498156	104.703399	0.950403	104.662959	
2010	84	2300	84.958333333		03/25/2010 23:00	94.967	1.33399	0.325	17.39	0.352	13.17	44.2253	104.6491394	104.702723	0.949693	104.662249	
2010	84	2400	85.000000000		03/26/2010 0:00	95.323	1.33899	0.325	17.38	0.352	13.12	44.2141	104.6525303	104.706114	0.953254	104.665809	
2010	85	100	85.041666667		03/26/2010 1:00	95.256	1.33805	0.325	17.38	0.352	13.07	44.2162	104.6518921	104.705475	0.952583	104.665139	
2010	85	200	85.083333333		03/26/2010 2:00	95.264	1.33817	0.325	17.4	0.352	13.03	44.2160	104.6519683	104.705552	0.952663	104.665219	
2010	85	300	85.125000000		03/26/2010 3:00	95.62	1.34317	0.325	17.38	0.352	12.99	44.2049	104.6553592	104.708942	0.956224	104.668779	
2010	85	400	85.166666667		03/26/2010 4:00	95.564	1.34238	0.325	17.37	0.352	12.95	44.2066	104.6548258	104.708409	0.955664	104.668219	
2010	85	500	85.208333333		03/26/2010 5:00	95.645	1.34352	0.325	17.39	0.352	12.91	44.2041	104.6555973	104.709181	0.956474	104.669029	
2010	85	600	85.250000000		03/26/2010 6:00	95.74	1.34485	0.325	17.38	0.352	12.88	44.2011	104.6565022	104.710085	0.957424	104.669979	
2010	85	700	85.291666667		03/26/2010 7:00	95.784	1.34547	0.325	17.38	0.352	13.62	44.1997	104.6569213	104.710505	0.957864	104.670419	
2010	85	800	85.333333333		03/26/2010 8:00	95.862	1.34657	0.325	17.38	0.352	13.9	44.1973	104.6576643	104.711248	0.958644	104.671199	
2010	85	900	85.375000000		03/26/2010 9:00	96.017	1.34874	0.325	17.4	0.352	13.85	44.1925	104.6591407	104.712724	0.960194	104.672749	
2010	85	1000	85.416666667		03/26/2010 10:00	96.379	1.35383	0.325	17.39	0.352	13.81	44.1811	104.6625887	104.716172	0.963814	104.676369	
2010	85	1100	85.458333333		03/26/2010 11:00	96.417	1.35436	0.325	17.38	0.352	13.76	44.1800	104.6629507	104.716534	0.964194	104.676749	
2010	85	1200	85.500000000		03/26/2010 12:00	96.416	1.35435	0.325	17.38	0.352	13.74	44.1800	104.6629412	104.716524	0.964184	104.676739	
2010	85	1300	85.541666667		03/26/2010 13:00	96.503	1.35557	0.325	17.4	0.352	13.71	44.1773	104.6637698	104.717353	0.965054	104.677609	
2010	85	1400	85.583333333		03/26/2010 14:00	96.658	1.35775	0.325	17.39	0.352	13.66	44.1724	104.6652462	104.718829	0.966604	104.679159	
2010	85	1500	85.625000000		03/26/2010 15:00	96.823	1.36006	0.325	17.39	0.352	13.67	44.1673	104.6668179	104.720401	0.968254	104.680809	
2010	85	1600	85.666666667		03/26/2010 16:00	96.944	1.36176	0.325	17.41	0.352	13.66	44.1635	104.6679704	104.721554	0.969464	104.682019	
2010	85	1700	85.708333333		03/26/2010 17:00	97.137	1.36448	0.325	17.38	0.352	13.68	44.1575	104.6698087	104.723392	0.971394	104.683950	
2010	85	1800	85.750000000		03/26/2010 18:00	97.237	1.36588	0.325	17.39	0.352	13.55	44.1543	104.6707612	104.724344	0.972394	104.684950	
2010	85	1900	85.791666667		03/26/2010 19:00	97.358	1.36758	0.325	17.38	0.352	13.43	44.1505	104.6719138	104.725497	0.973604	104.686160	
2010	85	2000	85.833333333		03/26/2010 20:00	97.55	1.37028	0.325	17.39	0.352	13.37	44.1445	104.6737426	104.727326	0.975524	104.688080	
2010	85	2100	85.875000000		03/26/2010 21:00	97.742	1.37297	0.325	17.38	0.352	13.3	44.1385	104.6755714	104.729155	0.977444	104.690000	
2010	85	2200	85.916666667		03/26/2010 22:00	97.889	1.37504	0.325	17.38	0.352	13.25	44.1340	104.6769716	104.730555	0.978914	104.691470	
2010	85	2300	85.958333333		03/26/2010 23:00	98.111	1.37816	0.325	17.4	0.352	13.2	44.1270	104.6790861	104.732669	0.981134	104.693690	
2010	85	2400	86.000000000		03/27/2010 0:00	98.214	1.37960	0.325	17.4	0.352	13.15	44.1238	104.6800672	104.733650	0.982164	104.694720	
2010	86	100	86.041666667		03/27/2010 1:00	98.38	1.38194	0.325	17.38	0.352	13.11	44.1186	104.6816484	104.735232	0.983824	104.696380	
2010	86	200	86.083333333		03/27/2010 2:00	98.519	1.38389	0.325	17.37	0.352	13.06	44.1143	104.6829723	104.736556	0.985214	104.697770	
2010	86	300	86.125000000		03/27/2010 3:00	98.656	1.38581	0.325	17.35	0.352	13.02	44.1100	104.6842773	104.737861	0.986584	104.699140	
2010	86	400	86.166666667		03/27/2010 4:00	98.822	1.38814	0.325	17.4	0.352	12.98	44.1048	104.6858584	104.739442	0.988244	104.700800	
2010	86	500	86.208333333		03/27/2010 5:00	98.966	1.39017	0.325	17.38	0.352	12.94	44.1003	104.68723	104.740813	0.989684	104.702240	
2010	86	600	86.250000000		03/27/2010 6:00	99.06	1.39149	0.325	17.38	0.352	12.9	44.0974	104.6881254	104.741709	0.990624	104.703180	
2010	86	700	86.291666667		03/27/2010 7:00	99.202	1.39348	0.325	17.4	0.352	14.05	44.0929	104.689478	104.743061	0.992044	104.704600	
2010	86	800	86.333333333		03/27/2010 8:00	99.337	1.39538	0.325	17.4	0.352	13.98	44.0887	104.6907638	104.744347	0.993394	104.705950	
2010	86	900	86.375000000		03/27/2010 9:00	99.499	1.39765	0.325	17.39	0.352	13.88	44.0836	104.6923069	104.745890	0.995015	104.707570	
2010	86	1000	86.416666667		03/27/2010 10:00	99.648	1.39975	0.325	17.39	0.352	13.79	44.0790	104.6937261	104.747309	0.996505	104.709060	
2010	86	1100	86.458333333		03/27/2010 11:00	99.776	1.40155	0.325	17.38	0.352	13.72	44.0750	104.6949453	104.748529	0.997785	104.710340	
2010	86	1200	86.500000000		03/27/2010 12:00	99.917	1.40353	0.325	17.4	0.352	13.7	44.0706	104.6962884	104.749872	0.999195	104.711750	
2010	86	1300	86.541666667		03/27/2010 13:00	100.12	1.40638	0.325	17.39	0.352	13.64	44.0642	104.698222	104.751805	1.001225	104.713780	
2010	86	1400	86.583333333		03/27/2010 14:00	100.23	1.40792	0.325	17.4	0.352	13.62	44.0608	104.6992697	104.752853	1.002325	104.714880	
2010	86	1500	86.625000000		03/27/2010 15:00	100.34	1.40947	0.325	17.4	0.352	13.62	44.0574	104.7003175	104.753901	1.003425	104.715980	
2010	86	1600	86.666666667		03/27/2010 16:00	100.47	1.41129	0.325	17.39	0.352	13.62	44.0533	104.7015557	104.755139	1.004725	104.717280	
2010	86	1700	86.708333333		03/27/2010 17:00	100.56	1.41256	0.325	17.39	0.352	13.64	44.0505	104.702413	104.755996	1.005625	104.718180	
2010	86	1800	86.750000000		03/27/2010 18:00	100.68	1.41424	0.325	17.39	0.352	13.54	44.0467	104.703556	104.757139	1.006825	104.719380	
2010	86	1900	86.791666667		03/27/2010 19:00	100.77	1.41551	0.325	17.38	0.352	13.43	44.0439	104.7044132	104.757997	1.007725	104.720280	
2010	86	2000	86.833333333		03/27/2010 20:00	100.83	1.41635	0.325	17.39	0.352	13.36	44.0420	104.7049847	104.758568	1.008325	104.720880	
2010	86	2100	86.875000000		03/27/2010 21:00	101.04	1.41930	0.325	17.38	0.352	13.3	44.0355	104.706985	104.760568	1.010425	104.722980	
2010	86	2200	86.916666667		03/27/2010 22:00	101.09	1.42000	0.325	17.36	0.352	13.23	44.0339	104.7074613	104.761045	1.010925	104.723481	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	86	2300	86.958333333		03/27/2010 23:00	101.15	1.42085	0.325	17.4	0.352	13.19	44.0320	104.7080328	104.761616	1.011525	104.724081	
2010	86	2400	87.000000000		03/28/2010 0:00	101.33	1.42337	0.325	17.41	0.352	13.13	44.0264	104.7097473	104.763331	1.013325	104.725881	
2010	87	100	87.041666667		03/28/2010 1:00	101.4	1.42436	0.325	17.39	0.352	13.09	44.0242	104.710414	104.763997	1.014025	104.726581	
2010	87	200	87.083333333		03/28/2010 2:00	101.56	1.42660	0.325	17.38	0.352	13.05	44.0192	104.711938	104.765521	1.015625	104.728181	
2010	87	300	87.125000000		03/28/2010 3:00	101.59	1.42703	0.325	17.4	0.352	13.01	44.0183	104.7122238	104.765807	1.015925	104.728481	
2010	87	400	87.166666667		03/28/2010 4:00	101.65	1.42787	0.325	17.38	0.352	12.97	44.0164	104.7127953	104.766379	1.016525	104.729081	
2010	87	500	87.208333333		03/28/2010 5:00	101.67	1.42815	0.325	17.39	0.352	12.93	44.0158	104.7129858	104.766569	1.016725	104.729281	
2010	87	600	87.250000000		03/28/2010 6:00	101.9	1.43138	0.325	17.39	0.352	12.89	44.0086	104.7151766	104.768760	1.019025	104.731581	
2010	87	700	87.291666667		03/28/2010 7:00	101.9	1.43138	0.325	17.4	0.352	12.86	44.0086	104.7151766	104.768760	1.019025	104.731581	
2010	87	800	87.333333333		03/28/2010 8:00	101.81	1.43012	0.325	17.38	0.352	13.92	44.0114	104.7143193	104.767903	1.018125	104.730681	
2010	87	900	87.375000000		03/28/2010 9:00	101.97	1.43236	0.325	17.41	0.352	13.86	44.0064	104.7158433	104.769427	1.019725	104.732281	
2010	87	1000	87.416666667		03/28/2010 10:00	102.03	1.43321	0.325	17.39	0.352	13.81	44.0045	104.7164148	104.769998	1.020325	104.732881	
2010	87	1100	87.458333333		03/28/2010 11:00	102.1	1.43419	0.325	17.39	0.352	13.72	44.0024	104.7170816	104.770665	1.021025	104.733581	
2010	87	1200	87.500000000		03/28/2010 12:00	102.08	1.43391	0.325	17.38	0.352	13.7	44.0030	104.7168911	104.770474	1.020825	104.733381	
2010	87	1300	87.541666667		03/28/2010 13:00	102.01	1.43293	0.325	17.39	0.352	13.68	44.0052	104.7162243	104.769808	1.020125	104.732681	
2010	87	1400	87.583333333		03/28/2010 14:00	101.96	1.43222	0.325	17.39	0.352	13.66	44.0067	104.7157481	104.769331	1.019625	104.732181	
2010	87	1500	87.625000000		03/28/2010 15:00	102.06	1.43363	0.325	17.39	0.352	13.64	44.0036	104.7167006	104.770284	1.020625	104.733181	
2010	87	1600	87.666666667		03/28/2010 16:00	101.95	1.43208	0.325	17.39	0.352	13.63	44.0070	104.7156528	104.769236	1.019525	104.732081	
2010	87	1700	87.708333333		03/28/2010 17:00	101.93	1.43180	0.325	17.39	0.352	13.49	44.0077	104.7154623	104.769046	1.019325	104.731881	
2010	87	1800	87.750000000		03/28/2010 18:00	101.96	1.43222	0.325	17.39	0.352	13.41	44.0067	104.7157481	104.769331	1.019625	104.732181	
2010	87	1900	87.791666667		03/28/2010 19:00	101.88	1.43110	0.325	17.39	0.352	13.34	44.0092	104.7149861	104.768569	1.018825	104.731381	
2010	87	2000	87.833333333		03/28/2010 20:00	101.8	1.42998	0.325	17.4	0.352	13.27	44.0117	104.714224	104.767807	1.018025	104.730581	
2010	87	2100	87.875000000		03/28/2010 21:00	101.89	1.43124	0.325	17.37	0.352	13.22	44.0089	104.7150813	104.768665	1.018925	104.731481	
2010	87	2200	87.916666667		03/28/2010 22:00	101.93	1.43180	0.325	17.37	0.352	13.17	44.0077	104.7154623	104.769046	1.019325	104.731881	
2010	87	2300	87.958333333		03/28/2010 23:00	101.92	1.43166	0.325	17.39	0.352	13.11	44.0080	104.7153671	104.768950	1.019225	104.731781	
2010	87	2400	88.000000000		03/29/2010 0:00	101.93	1.43180	0.325	17.4	0.352	13.07	44.0077	104.7154623	104.769046	1.019325	104.731881	
2010	88	100	88.041666667		03/29/2010 1:00	101.83	1.43040	0.325	17.39	0.352	13.03	44.0108	104.7145098	104.768093	1.018325	104.730881	
2010	88	200	88.083333333		03/29/2010 2:00	101.89	1.43124	0.325	17.38	0.352	12.99	44.0089	104.7150813	104.768665	1.018925	104.731481	
2010	88	300	88.125000000		03/29/2010 3:00	101.9	1.43138	0.325	17.39	0.352	12.95	44.0086	104.7151766	104.768760	1.019025	104.731581	
2010	88	400	88.166666667		03/29/2010 4:00	101.88	1.43110	0.325	17.36	0.352	12.92	44.0092	104.7149861	104.768569	1.018825	104.731381	
2010	88	500	88.208333333		03/29/2010 5:00	101.99	1.43265	0.325	17.4	0.352	12.88	44.0058	104.7160338	104.769617	1.019925	104.732481	
2010	88	600	88.250000000		03/29/2010 6:00	101.77	1.42955	0.325	17.4	0.352	12.86	44.0127	104.7139383	104.767522	1.017725	104.730281	
2010	88	700	88.291666667		03/29/2010 7:00	101.85	1.43068	0.325	17.4	0.352	12.92	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	88	800	88.333333333		03/29/2010 8:00	101.88	1.43110	0.325	17.4	0.352	13.86	44.0092	104.7149861	104.768569	1.018825	104.731381	
2010	88	900	88.375000000		03/29/2010 9:00	102.1	1.43419	0.325	17.4	0.352	13.76	44.0024	104.7170816	104.770665	1.021025	104.733581	
2010	88	1000	88.416666667		03/29/2010 10:00	102.56	1.44065	0.325	17.4	0.352	13.69	43.9880	104.7214631	104.775046	1.025625	104.738181	
2010	88	1100	88.458333333		03/29/2010 11:00	102.02	1.43307	0.325	17.38	0.352	13.74	44.0049	104.7163196	104.769903	1.020225	104.732781	
2010	88	1200	88.500000000		03/29/2010 12:00	101.9	1.43138	0.325	17.39	0.352	13.74	44.0086	104.7151766	104.768760	1.019025	104.731581	
2010	88	1300	88.541666667		03/29/2010 13:00	101.82	1.43026	0.325	17.39	0.352	13.74	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	88	1400	88.583333333		03/29/2010 14:00	102.23	1.43602	0.325	17.4	0.352	13.76	43.9983	104.7183198	104.771903	1.022325	104.734881	
2010	88	1500	88.625000000		03/29/2010 15:00	101.95	1.43208	0.325	17.39	0.352	13.75	44.0070	104.7156528	104.769236	1.019525	104.732081	
2010	88	1600	88.666666667		03/29/2010 16:00	101.73	1.42899	0.325	17.41	0.352	13.76	44.0139	104.7135573	104.767141	1.017325	104.729881	
2010	88	1700	88.708333333		03/29/2010 17:00	101.65	1.42787	0.325	17.42	0.352	13.78	44.0164	104.7127953	104.766379	1.016525	104.729081	
2010	88	1800	88.750000000		03/29/2010 18:00	101.62	1.42745	0.325	17.39	0.352	13.65	44.0174	104.7125095	104.766093	1.016225	104.728781	
2010	88	1900	88.791666667		03/29/2010 19:00	101.57	1.42675	0.325	17.39	0.352	13.53	44.0189	104.7120333	104.765617	1.015725	104.728281	
2010	88	2000	88.833333333		03/29/2010 20:00	101.47	1.42534	0.325	17.4	0.352	13.45	44.0220	104.7110808	104.764664	1.014725	104.727281	
2010	88	2100	88.875000000		03/29/2010 21:00	101.23	1.42197	0.325	17.4	0.352	13.38	44.0295	104.7087948	104.762378	1.012325	104.724881	
2010	88	2200	88.916666667		03/29/2010 22:00	101.21	1.42169	0.325	17.38	0.352	13.32	44.0302	104.7086043	104.762188	1.012125	104.724681	
2010	88	2300	88.958333333		03/29/2010 23:00	101.09	1.42000	0.325	17.42	0.352	13.28	44.0339	104.7074613	104.761045	1.010925	104.723481	
2010	88	2400	89.000000000		03/30/2010 0:00	100.86	1.41677	0.325	17.39	0.352	13.22	44.0411	104.7052705	104.758854	1.008625	104.721180	
2010	89	100	89.041666667		03/30/2010 1:00	100.96	1.41818	0.325	17.37	0.352	13.17	44.0380	104.706223	104.759806	1.009625	104.722180	
2010	89	200	89.083333333		03/30/2010 2:00	100.71	1.41466	0.325	17.37	0.352	13.13	44.0458	104.7038417	104.757425	1.007125	104.719680	
2010	89	300	89.125000000		03/30/2010 3:00	100.57	1.41270	0.325	17.4	0.352	13.09	44.0502	104.7025082	104.756091	1.005725	104.718280	
2010	89	400	89.166666667		03/30/2010 4:00	100.42	1.41059	0.325	17.38	0.352	13.05	44.0549	104.7010795	104.754663	1.004225	104.716780	
2010	89	500	89.208333333		03/30/2010 5:00	100.25	1.40820	0.325	17.39	0.352	13	44.0602	104.6994602	104.753043	1.002525	104.715080	
2010	89	600	89.250000000		03/30/2010 6:00	100.15	1.40680	0.325	17.38	0.352	12.96	44.0633	104.6985077	104.752091	1.001525	104.714080	
2010	89	700	89.291666667		03/30/2010 7:00	99.957	1.40409	0.325	17.38	0.352	14.02	44.0693	104.6966694	104.750253	0.999595	104.712150	
2010	89	800	89.333333333		03/30/2010 8:00	99.743	1.40108	0.325	17.4	0.352	13.98	44.0760	104.694631	104.748214	0.997455	104.710010	
2010	89	900	89.375000000		03/30/2010 9:00	99.654	1.39983	0.325	17.39	0.352	13.92	44.0788	104.6937833	104.747367	0.996565	104.709120	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	89	1000	89.416666667		03/30/2010 10:00	99.519	1.39794	0.325	17.39	0.352	13.86	44.0830	104.6924974	104.746081	0.995215	104.707770	
2010	89	1100	89.458333333		03/30/2010 11:00	99.481	1.39740	0.325	17.39	0.352	13.81	44.0842	104.6921354	104.745719	0.994835	104.707390	
2010	89	1200	89.500000000		03/30/2010 12:00	99.256	1.39424	0.325	17.39	0.352	13.8	44.0912	104.6899923	104.743576	0.992584	104.705140	
2010	89	1300	89.541666667		03/30/2010 13:00	98.986	1.39045	0.325	17.4	0.352	13.78	44.0997	104.6874205	104.741004	0.989884	104.702440	
2010	89	1400	89.583333333		03/30/2010 14:00	98.905	1.38931	0.325	17.39	0.352	13.75	44.1022	104.686649	104.740232	0.989074	104.701630	
2010	89	1500	89.625000000		03/30/2010 15:00	98.729	1.38684	0.325	17.39	0.352	13.72	44.1077	104.6849726	104.738556	0.987314	104.699870	
2010	89	1600	89.666666667		03/30/2010 16:00	98.579	1.38473	0.325	17.39	0.352	13.74	44.1124	104.6835439	104.737127	0.985814	104.698370	
2010	89	1700	89.708333333		03/30/2010 17:00	98.504	1.38368	0.325	17.4	0.352	13.76	44.1147	104.6828295	104.736413	0.985064	104.697620	
2010	89	1800	89.750000000		03/30/2010 18:00	98.341	1.38139	0.325	17.39	0.352	13.68	44.1198	104.6812769	104.734860	0.983434	104.695990	
2010	89	1900	89.791666667		03/30/2010 19:00	98.263	1.38029	0.325	17.39	0.352	13.55	44.1223	104.6805339	104.734117	0.982654	104.695210	
2010	89	2000	89.833333333		03/30/2010 20:00	98.218	1.37966	0.325	17.39	0.352	13.46	44.1237	104.6801053	104.733689	0.982204	104.694760	
2010	89	2100	89.875000000		03/30/2010 21:00	98.212	1.37958	0.325	17.36	0.352	13.4	44.1239	104.6800482	104.733631	0.982144	104.694700	
2010	89	2200	89.916666667		03/30/2010 22:00	98.154	1.37876	0.325	17.41	0.352	13.34	44.1257	104.6794957	104.733079	0.981564	104.694120	
2010	89	2300	89.958333333		03/30/2010 23:00	98.082	1.37775	0.325	17.38	0.352	13.29	44.1279	104.6788099	104.732393	0.980844	104.693400	
2010	89	2400	90.000000000		03/31/2010 0:00	98.083	1.37776	0.325	17.37	0.352	13.24	44.1279	104.6788194	104.732403	0.980854	104.693410	
2010	90	100	90.041666667		03/31/2010 1:00	98.093	1.37790	0.325	17.41	0.352	13.19	44.1276	104.6789147	104.732498	0.980954	104.693510	
2010	90	200	90.083333333		03/31/2010 2:00	97.961	1.37605	0.325	17.38	0.352	13.15	44.1317	104.6776574	104.731241	0.979634	104.692190	
2010	90	300	90.125000000		03/31/2010 3:00	97.934	1.37567	0.325	17.38	0.352	13.1	44.1325	104.6774002	104.730983	0.979364	104.691920	
2010	90	400	90.166666667		03/31/2010 4:00	97.841	1.37436	0.325	17.38	0.352	13.05	44.1355	104.6765144	104.730098	0.978434	104.690990	
2010	90	500	90.208333333		03/31/2010 5:00	97.807	1.37389	0.325	17.39	0.352	13.02	44.1365	104.6761905	104.729774	0.978094	104.690650	
2010	90	600	90.250000000		03/31/2010 6:00	97.727	1.37276	0.325	17.39	0.352	13.09	44.1390	104.6754285	104.729012	0.977294	104.689850	
2010	90	700	90.291666667		03/31/2010 7:00	97.699	1.37237	0.325	17.41	0.352	14.05	44.1399	104.6751618	104.728745	0.977014	104.689570	
2010	90	800	90.333333333		03/31/2010 8:00	97.685	1.37217	0.325	17.39	0.352	13.98	44.1403	104.6750285	104.728612	0.976874	104.689430	
2010	90	900	90.375000000		03/31/2010 9:00	97.61	1.37112	0.325	17.38	0.352	13.88	44.1427	104.6743141	104.727897	0.976124	104.688680	
2010	90	1000	90.416666667		03/31/2010 10:00	97.525	1.36993	0.325	17.38	0.352	13.83	44.1453	104.6735044	104.727088	0.975274	104.687830	
2010	90	1100	90.458333333		03/31/2010 11:00	97.526	1.36994	0.325	17.39	0.352	13.81	44.1453	104.673514	104.727097	0.975284	104.687840	
2010	90	1200	90.500000000		03/31/2010 12:00	97.456	1.36896	0.325	17.39	0.352	13.8	44.1475	104.6728472	104.726430	0.974584	104.687140	
2010	90	1300	90.541666667		03/31/2010 13:00	97.395	1.36810	0.325	17.4	0.352	13.76	44.1494	104.6722662	104.725849	0.973974	104.686530	
2010	90	1400	90.583333333		03/31/2010 14:00	97.322	1.36707	0.325	17.4	0.352	13.73	44.1517	104.6715709	104.725154	0.973244	104.685800	
2010	90	1500	90.625000000		03/31/2010 15:00	97.312	1.36693	0.325	17.4	0.352	13.7	44.1520	104.6714756	104.725059	0.973144	104.685700	
2010	90	1600	90.666666667		03/31/2010 16:00	97.228	1.36575	0.325	17.39	0.352	13.73	44.1546	104.6706755	104.724259	0.972304	104.684860	
2010	90	1700	90.708333333		03/31/2010 17:00	97.208	1.36547	0.325	17.4	0.352	13.74	44.1552	104.670485	104.724068	0.972104	104.684660	
2010	90	1800	90.750000000		03/31/2010 18:00	97.203	1.36540	0.325	17.4	0.352	13.62	44.1554	104.6704374	104.724021	0.972054	104.684610	
2010	90	1900	90.791666667		03/31/2010 19:00	97.16	1.36480	0.325	17.39	0.352	13.51	44.1567	104.6700278	104.723611	0.971624	104.684180	
2010	90	2000	90.833333333		03/31/2010 20:00	97.109	1.36408	0.325	17.39	0.352	13.43	44.1583	104.669542	104.723125	0.971114	104.683670	
2010	90	2100	90.875000000		03/31/2010 21:00	97.108	1.36407	0.325	17.41	0.352	13.36	44.1584	104.6695325	104.723116	0.971104	104.683660	
2010	90	2200	90.916666667		03/31/2010 22:00	97.077	1.36363	0.325	17.4	0.352	13.32	44.1593	104.6692372	104.722820	0.970794	104.683350	
2010	90	2300	90.958333333		03/31/2010 23:00	97.151	1.36467	0.325	17.38	0.352	13.26	44.1570	104.6699421	104.723525	0.971534	104.684090	
2010	90	2400	91.000000000		04/01/2010 0:00	97.136	1.36446	0.325	17.39	0.352	13.22	44.1575	104.6697992	104.723382	0.971384	104.683940	
2010	91	100	91.041666667		04/01/2010 1:00	97.166	1.36488	0.325	17.39	0.352	13.17	44.1565	104.670085	104.723668	0.971684	104.684240	
2010	91	200	91.083333333		04/01/2010 2:00	97.156	1.36474	0.325	17.39	0.352	13.13	44.1569	104.6699897	104.723573	0.971584	104.684140	
2010	91	300	91.125000000		04/01/2010 3:00	97.187	1.36518	0.325	17.38	0.352	13.08	44.1559	104.670285	104.723868	0.971894	104.684450	
2010	91	400	91.166666667		04/01/2010 4:00	97.194	1.36528	0.325	17.39	0.352	13.03	44.1557	104.6703517	104.723935	0.971964	104.684520	
2010	91	500	91.208333333		04/01/2010 5:00	97.264	1.36626	0.325	17.4	0.352	12.99	44.1535	104.6710184	104.724602	0.972664	104.685220	
2010	91	600	91.250000000		04/01/2010 6:00	97.29	1.36662	0.325	17.37	0.352	13.11	44.1527	104.6712661	104.724849	0.972924	104.685480	
2010	91	700	91.291666667		04/01/2010 7:00	97.366	1.36769	0.325	17.39	0.352	14.09	44.1503	104.67199	104.725573	0.973684	104.686240	
2010	91	800	91.333333333		04/01/2010 8:00	97.367	1.36771	0.325	17.4	0.352	14.02	44.1503	104.6719995	104.725583	0.973694	104.686250	
2010	91	900	91.375000000		04/01/2010 9:00	97.384	1.36794	0.325	17.4	0.352	13.91	44.1497	104.6721614	104.725745	0.973864	104.686420	
2010	91	1000	91.416666667		04/01/2010 10:00	97.394	1.36809	0.325	17.4	0.352	13.84	44.1494	104.6722567	104.725840	0.973964	104.686520	
2010	91	1100	91.458333333		04/01/2010 11:00	97.399	1.36816	0.325	17.41	0.352	13.79	44.1493	104.6723043	104.725888	0.974014	104.686570	
2010	91	1200	91.500000000		04/01/2010 12:00	97.381	1.36790	0.325	17.4	0.352	13.77	44.1498	104.6721328	104.725716	0.973834	104.686390	
2010	91	1300	91.541666667		04/01/2010 13:00	97.382	1.36792	0.325	17.4	0.352	13.72	44.1498	104.6721424	104.725726	0.973844	104.686400	
2010	91	1400	91.583333333		04/01/2010 14:00	97.392	1.36806	0.325	17.4	0.352	13.68	44.1495	104.6722376	104.725821	0.973944	104.686500	
2010	91	1500	91.625000000		04/01/2010 15:00	97.296	1.36671	0.325	17.4	0.352	13.68	44.1525	104.6713232	104.724906	0.972984	104.685540	
2010	91	1600	91.666666667		04/01/2010 16:00	97.344	1.36738	0.325	17.4	0.352	13.69	44.1510	104.6717804	104.725364	0.973464	104.686020	
2010	91	1700	91.708333333		04/01/2010 17:00	97.224	1.36570	0.325	17.39	0.352	13.7	44.1547	104.6706374	104.724221	0.972264	104.684820	
2010	91	1800	91.750000000		04/01/2010 18:00	97.164	1.36485	0.325	17.39	0.352	13.57	44.1566	104.6700659	104.723649	0.971664	104.684220	
2010	91	1900	91.791666667		04/01/2010 19:00	97.052	1.36328	0.325	17.38	0.352	13.46	44.1601	104.6689991	104.722582	0.970544	104.683100	
2010	91	2000	91.833333333		04/01/2010 20:00	96.998	1.36252	0.325	17.41	0.352	13.38	44.1618	104.6684847	104.722068	0.970004	104.682559	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	91	2100	91.875000000		04/01/2010 21:00	96.993	1.36245	0.325	17.39	0.352	13.32	44.1620	104.6684371	104.722020	0.969954	104.682509	
2010	91	2200	91.916666667		04/01/2010 22:00	96.907	1.36124	0.325	17.38	0.352	13.28	44.1646	104.667618	104.721201	0.969094	104.681649	
2010	91	2300	91.958333333		04/01/2010 23:00	96.841	1.36032	0.325	17.39	0.352	13.23	44.1667	104.6669893	104.720573	0.968434	104.680989	
2010	91	2400	92.000000000		04/02/2010 0:00	96.832	1.36019	0.325	17.39	0.352	13.17	44.1670	104.6669036	104.720487	0.968344	104.680899	
2010	92	100	92.041666667		04/02/2010 1:00	96.802	1.35977	0.325	17.41	0.352	13.13	44.1679	104.6666178	104.720201	0.968044	104.680599	
2010	92	200	92.083333333		04/02/2010 2:00	96.825	1.36009	0.325	17.38	0.352	13.09	44.1672	104.6668369	104.720420	0.968274	104.680829	
2010	92	300	92.125000000		04/02/2010 3:00	96.788	1.35957	0.325	17.42	0.352	13.04	44.1684	104.6664845	104.720068	0.967904	104.680459	
2010	92	400	92.166666667		04/02/2010 4:00	96.844	1.36036	0.325	17.38	0.352	13	44.1666	104.6670179	104.720601	0.968464	104.681019	
2010	92	500	92.208333333		04/02/2010 5:00	96.908	1.36126	0.325	17.39	0.352	12.96	44.1646	104.6676275	104.721211	0.969104	104.681659	
2010	92	600	92.250000000		04/02/2010 6:00	96.862	1.36061	0.325	17.38	0.352	12.93	44.1660	104.6671893	104.720773	0.968644	104.681199	
2010	92	700	92.291666667		04/02/2010 7:00	97.056	1.36334	0.325	17.41	0.352	12.89	44.1600	104.6690372	104.722620	0.970584	104.683140	
2010	92	800	92.333333333		04/02/2010 8:00	97.045	1.36318	0.325	17.39	0.352	13.95	44.1603	104.6689324	104.722516	0.970474	104.683030	
2010	92	900	92.375000000		04/02/2010 9:00	97.057	1.36335	0.325	17.38	0.352	13.97	44.1600	104.6690467	104.722630	0.970594	104.683150	
2010	92	1000	92.416666667		04/02/2010 10:00	97.374	1.36780	0.325	17.41	0.352	13.99	44.1500	104.6720662	104.725649	0.973764	104.686320	
2010	92	1100	92.458333333		04/02/2010 11:00	97.408	1.36828	0.325	17.38	0.352	14.01	44.1490	104.67239	104.725973	0.974104	104.686660	
2010	92	1200	92.500000000		04/02/2010 12:00	97.457	1.36897	0.325	17.41	0.352	14	44.1475	104.6728567	104.726440	0.974594	104.687150	
2010	92	1300	92.541666667		04/02/2010 13:00	97.484	1.36935	0.325	17.38	0.352	13.92	44.1466	104.6731139	104.726697	0.974864	104.687420	
2010	92	1400	92.583333333		04/02/2010 14:00	97.722	1.37269	0.325	17.41	0.352	13.85	44.1392	104.6753809	104.728964	0.977244	104.689800	
2010	92	1500	92.625000000		04/02/2010 15:00	98.076	1.37767	0.325	17.4	0.352	13.8	44.1281	104.6787527	104.732336	0.980784	104.693340	
2010	92	1600	92.666666667		04/02/2010 16:00	98.002	1.37663	0.325	17.4	0.352	13.78	44.1304	104.6780479	104.731631	0.980044	104.692600	
2010	92	1700	92.708333333		04/02/2010 17:00	98.188	1.37924	0.325	17.4	0.352	13.79	44.1246	104.6798196	104.733403	0.981904	104.694460	
2010	92	1800	92.750000000		04/02/2010 18:00	98.357	1.38161	0.325	17.4	0.352	13.65	44.1193	104.6814293	104.735013	0.983594	104.696150	
2010	92	1900	92.791666667		04/02/2010 19:00	98.372	1.38182	0.325	17.4	0.352	13.53	44.1189	104.6815722	104.735155	0.983744	104.696300	
2010	92	2000	92.833333333		04/02/2010 20:00	98.48	1.38334	0.325	17.38	0.352	13.45	44.1155	104.6826009	104.736184	0.984824	104.697380	
2010	92	2100	92.875000000		04/02/2010 21:00	98.657	1.38583	0.325	17.41	0.352	13.39	44.1100	104.6842868	104.737870	0.986594	104.699150	
2010	92	2200	92.916666667		04/02/2010 22:00	98.886	1.38904	0.325	17.39	0.352	13.33	44.1028	104.686468	104.740051	0.988884	104.701440	
2010	92	2300	92.958333333		04/02/2010 23:00	99.221	1.39375	0.325	17.4	0.352	13.28	44.0923	104.6896589	104.743242	0.992234	104.704790	
2010	92	2400	93.000000000		04/03/2010 0:00	99.222	1.39376	0.325	17.41	0.352	13.24	44.0923	104.6896685	104.743252	0.992244	104.704800	
2010	93	100	93.041666667		04/03/2010 1:00	99.314	1.39506	0.325	17.4	0.352	13.18	44.0894	104.6905448	104.744128	0.993164	104.705720	
2010	93	200	93.083333333		04/03/2010 2:00	99.482	1.39742	0.325	17.41	0.352	13.14	44.0842	104.692145	104.745728	0.994845	104.707400	
2010	93	300	93.125000000		04/03/2010 3:00	99.625	1.39942	0.325	17.41	0.352	13.09	44.0797	104.6935071	104.747090	0.996275	104.708830	
2010	93	400	93.166666667		04/03/2010 4:00	99.697	1.40044	0.325	17.4	0.352	13.05	44.0775	104.6941929	104.747776	0.996995	104.709550	
2010	93	500	93.208333333		04/03/2010 5:00	99.668	1.40003	0.325	17.41	0.352	13.01	44.0784	104.6939166	104.747500	0.996705	104.709260	
2010	93	600	93.250000000		04/03/2010 6:00	100.01	1.40483	0.325	17.38	0.352	13.08	44.0677	104.6971742	104.750757	1.000125	104.712680	
2010	93	700	93.291666667		04/03/2010 7:00	100.06	1.40553	0.325	17.4	0.352	13.99	44.0661	104.6976505	104.751234	1.000625	104.713180	
2010	93	800	93.333333333		04/03/2010 8:00	100.29	1.40877	0.325	17.38	0.352	13.96	44.0589	104.6998412	104.753424	1.002925	104.715480	
2010	93	900	93.375000000		04/03/2010 9:00	100.35	1.40961	0.325	17.39	0.352	13.94	44.0570	104.7004127	104.753996	1.003525	104.716080	
2010	93	1000	93.416666667		04/03/2010 10:00	100.69	1.41438	0.325	17.39	0.352	13.89	44.0464	104.7036512	104.757234	1.006925	104.719480	
2010	93	1100	93.458333333		04/03/2010 11:00	100.54	1.41228	0.325	17.4	0.352	13.88	44.0511	104.7022225	104.755806	1.005425	104.717980	
2010	93	1200	93.500000000		04/03/2010 12:00	100.88	1.41705	0.325	17.39	0.352	13.87	44.0405	104.705461	104.759044	1.008825	104.721380	
2010	93	1300	93.541666667		04/03/2010 13:00	100.92	1.41761	0.325	17.4	0.352	13.87	44.0392	104.705842	104.759425	1.009225	104.721780	
2010	93	1400	93.583333333		04/03/2010 14:00	101.04	1.41930	0.325	17.4	0.352	13.84	44.0355	104.706985	104.760568	1.010425	104.722980	
2010	93	1500	93.625000000		04/03/2010 15:00	101.24	1.42211	0.325	17.39	0.352	13.83	44.0292	104.70889	104.762473	1.012425	104.724981	
2010	93	1600	93.666666667		04/03/2010 16:00	101.25	1.42225	0.325	17.39	0.352	13.84	44.0289	104.7089853	104.762569	1.012525	104.725081	
2010	93	1700	93.708333333		04/03/2010 17:00	101.42	1.42464	0.325	17.4	0.352	13.84	44.0236	104.7106045	104.764188	1.014225	104.726781	
2010	93	1800	93.750000000		04/03/2010 18:00	101.43	1.42478	0.325	17.39	0.352	13.71	44.0233	104.7106998	104.764283	1.014325	104.726881	
2010	93	1900	93.791666667		04/03/2010 19:00	101.5	1.42576	0.325	17.39	0.352	13.58	44.0211	104.7113665	104.764950	1.015025	104.727581	
2010	93	2000	93.833333333		04/03/2010 20:00	101.61	1.42731	0.325	17.4	0.352	13.5	44.0177	104.7124143	104.765998	1.016125	104.728681	
2010	93	2100	93.875000000		04/03/2010 21:00	101.66	1.42801	0.325	17.41	0.352	13.43	44.0161	104.7128905	104.766474	1.016625	104.729181	
2010	93	2200	93.916666667		04/03/2010 22:00	101.8	1.42998	0.325	17.42	0.352	13.37	44.0117	104.714224	104.767807	1.018025	104.730581	
2010	93	2300	93.958333333		04/03/2010 23:00	101.82	1.43026	0.325	17.4	0.352	13.32	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	93	2400	94.000000000		04/04/2010 0:00	101.85	1.43068	0.325	17.4	0.352	13.27	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	94	100	94.041666667		04/04/2010 1:00	101.91	1.43152	0.325	17.38	0.352	13.22	44.0083	104.7152718	104.768855	1.019125	104.731681	
2010	94	200	94.083333333		04/04/2010 2:00	101.92	1.43166	0.325	17.39	0.352	13.17	44.0080	104.7153671	104.768950	1.019225	104.731781	
2010	94	300	94.125000000		04/04/2010 3:00	101.95	1.43208	0.325	17.4	0.352	13.13	44.0070	104.7156528	104.769236	1.019525	104.732081	
2010	94	400	94.166666667		04/04/2010 4:00	101.92	1.43166	0.325	17.4	0.352	13.09	44.0080	104.7153671	104.768950	1.019225	104.731781	
2010	94	500	94.208333333		04/04/2010 5:00	101.91	1.43152	0.325	17.4	0.352	13.04	44.0083	104.7152718	104.768855	1.019125	104.731681	
2010	94	600	94.250000000		04/04/2010 6:00	101.9	1.43138	0.326	17.39	0.352	13.01	44.0086	104.7151766	104.768760	1.019025	104.731581	
2010	94	700	94.291666667		04/04/2010 7:00	101.94	1.43194	0.326	17.42	0.352	14.07	44.0074	104.7155576	104.769141	1.019425	104.731981	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	94	800	94.333333333		04/04/2010 8:00	101.95	1.43208	0.326	17.41	0.352	14	44.0070	104.7156528	104.769236	1.019525	104.732081	
2010	94	900	94.375000000		04/04/2010 9:00	102.05	1.43349	0.325	17.39	0.352	13.9	44.0039	104.7166053	104.770189	1.020525	104.733081	
2010	94	1000	94.416666667		04/04/2010 10:00	102.05	1.43349	0.326	17.4	0.352	13.82	44.0039	104.7166053	104.770189	1.020525	104.733081	
2010	94	1100	94.458333333		04/04/2010 11:00	102.21	1.43574	0.325	17.41	0.352	13.78	43.9989	104.7181293	104.771713	1.022125	104.734681	
2010	94	1200	94.500000000		04/04/2010 12:00	102.14	1.43475	0.325	17.4	0.352	13.74	44.0011	104.7174626	104.771046	1.021425	104.733981	
2010	94	1300	94.541666667		04/04/2010 13:00	102.18	1.43531	0.326	17.39	0.353	13.69	43.9999	104.7178436	104.771427	1.021825	104.734381	
2010	94	1400	94.583333333		04/04/2010 14:00	102.19	1.43545	0.326	17.39	0.353	13.65	43.9995	104.7179388	104.771522	1.021925	104.734481	
2010	94	1500	94.625000000		04/04/2010 15:00	102.13	1.43461	0.326	17.4	0.352	13.7	44.0014	104.7173673	104.770951	1.021325	104.733881	
2010	94	1600	94.666666667		04/04/2010 16:00	102.21	1.43574	0.326	17.4	0.352	13.7	43.9989	104.7181293	104.771713	1.022125	104.734681	
2010	94	1700	94.708333333		04/04/2010 17:00	102.22	1.43588	0.326	17.39	0.352	13.73	43.9986	104.7182246	104.771808	1.022225	104.734781	
2010	94	1800	94.750000000		04/04/2010 18:00	102.33	1.43742	0.325	17.41	0.352	13.62	43.9952	104.7192723	104.772856	1.023325	104.735881	
2010	94	1900	94.791666667		04/04/2010 19:00	102.31	1.43714	0.326	17.4	0.352	13.49	43.9958	104.7190818	104.772665	1.023125	104.735681	
2010	94	2000	94.833333333		04/04/2010 20:00	102.38	1.43812	0.325	17.41	0.352	13.42	43.9936	104.7197486	104.773332	1.023825	104.736381	
2010	94	2100	94.875000000		04/04/2010 21:00	102.5	1.43981	0.325	17.41	0.352	13.35	43.9899	104.7208916	104.774475	1.025025	104.737581	
2010	94	2200	94.916666667		04/04/2010 22:00	102.48	1.43953	0.325	17.4	0.352	13.29	43.9905	104.7207011	104.774284	1.024825	104.737381	
2010	94	2300	94.958333333		04/04/2010 23:00	102.54	1.44037	0.325	17.4	0.352	13.24	43.9886	104.7212726	104.774856	1.025425	104.737981	
2010	94	2400	95.000000000		04/05/2010 0:00	102.5	1.43981	0.326	17.41	0.352	13.18	43.9899	104.7208916	104.774475	1.025025	104.737581	
2010	95	100	95.041666667		04/05/2010 1:00	102.5	1.43981	0.325	17.4	0.352	13.13	43.9899	104.7208916	104.774475	1.025025	104.737581	
2010	95	200	95.083333333		04/05/2010 2:00	102.38	1.43812	0.326	17.41	0.352	13.09	43.9936	104.7197486	104.773332	1.023825	104.736381	
2010	95	300	95.125000000		04/05/2010 3:00	102.43	1.43883	0.325	17.4	0.352	13.05	43.9920	104.7202248	104.773808	1.024325	104.736881	
2010	95	400	95.166666667		04/05/2010 4:00	102.42	1.43869	0.326	17.41	0.352	13	43.9924	104.7201296	104.773713	1.024225	104.736781	
2010	95	500	95.208333333		04/05/2010 5:00	102.53	1.44023	0.325	17.42	0.352	12.97	43.9889	104.7211773	104.774761	1.025325	104.737881	
2010	95	600	95.250000000		04/05/2010 6:00	102.53	1.44023	0.326	17.38	0.352	12.93	43.9889	104.7211773	104.774761	1.025325	104.737881	
2010	95	700	95.291666667		04/05/2010 7:00	102.48	1.43953	0.326	17.42	0.352	13.38	43.9905	104.7207011	104.774284	1.024825	104.737381	
2010	95	800	95.333333333		04/05/2010 8:00	102.61	1.44135	0.325	17.39	0.352	13.97	43.9864	104.7219393	104.775523	1.026125	104.738681	
2010	95	900	95.375000000		04/05/2010 9:00	102.69	1.44248	0.325	17.39	0.352	13.88	43.9839	104.7227013	104.776285	1.026925	104.739481	
2010	95	1000	95.416666667		04/05/2010 10:00	102.75	1.44332	0.325	17.41	0.352	13.82	43.9820	104.7232728	104.776856	1.027525	104.740081	
2010	95	1100	95.458333333		04/05/2010 11:00	102.76	1.44346	0.326	17.4	0.352	13.78	43.9817	104.7233681	104.776951	1.027625	104.740181	
2010	95	1200	95.500000000		04/05/2010 12:00	102.82	1.44430	0.325	17.41	0.352	13.76	43.9799	104.7239396	104.777523	1.028225	104.740781	
2010	95	1300	95.541666667		04/05/2010 13:00	103.04	1.44739	0.325	17.4	0.352	13.72	43.9730	104.7260351	104.779618	1.030425	104.742981	
2010	95	1400	95.583333333		04/05/2010 14:00	102.85	1.44473	0.325	17.4	0.352	13.69	43.9789	104.7242254	104.777809	1.028525	104.741081	
2010	95	1500	95.625000000		04/05/2010 15:00	102.78	1.44374	0.326	17.39	0.352	13.72	43.9811	104.7235586	104.777142	1.027825	104.740381	
2010	95	1600	95.666666667		04/05/2010 16:00	102.78	1.44374	0.325	17.41	0.352	13.68	43.9811	104.7235586	104.777142	1.027825	104.740381	
2010	95	1700	95.708333333		04/05/2010 17:00	102.71	1.44276	0.326	17.41	0.352	13.7	43.9833	104.7228918	104.776475	1.027125	104.739681	
2010	95	1800	95.750000000		04/05/2010 18:00	102.72	1.44290	0.325	17.4	0.352	13.63	43.9830	104.7229871	104.776570	1.027225	104.739781	
2010	95	1900	95.791666667		04/05/2010 19:00	102.58	1.44093	0.325	17.4	0.352	13.49	43.9874	104.7216536	104.775237	1.025825	104.738381	
2010	95	2000	95.833333333		04/05/2010 20:00	102.55	1.44051	0.325	17.4	0.352	13.41	43.9883	104.7213678	104.774951	1.025525	104.738081	
2010	95	2100	95.875000000		04/05/2010 21:00	102.47	1.43939	0.325	17.38	0.352	13.34	43.9908	104.7206058	104.774189	1.024725	104.737281	
2010	95	2200	95.916666667		04/05/2010 22:00	102.38	1.43812	0.325	17.4	0.352	13.29	43.9936	104.7197486	104.773332	1.023825	104.736381	
2010	95	2300	95.958333333		04/05/2010 23:00	102.44	1.43897	0.325	17.4	0.352	13.23	43.9917	104.7203201	104.773903	1.024425	104.736981	
2010	95	2400	96.000000000		04/06/2010 0:00	102.38	1.43812	0.325	17.42	0.352	13.18	43.9936	104.7197486	104.773332	1.023825	104.736381	
2010	96	100	96.041666667		04/06/2010 1:00	102.18	1.43531	0.325	17.4	0.352	13.13	43.9999	104.7178436	104.771427	1.021825	104.734381	
2010	96	200	96.083333333		04/06/2010 2:00	101.96	1.43222	0.325	17.37	0.352	13.09	44.0067	104.7157481	104.769331	1.019625	104.732181	
2010	96	300	96.125000000		04/06/2010 3:00	101.87	1.43096	0.325	17.39	0.352	13.05	44.0095	104.7148908	104.768474	1.018725	104.731281	
2010	96	400	96.166666667		04/06/2010 4:00	101.78	1.42970	0.325	17.38	0.352	13.01	44.0124	104.7140335	104.767617	1.017825	104.730381	
2010	96	500	96.208333333		04/06/2010 5:00	101.58	1.42689	0.325	17.41	0.352	12.96	44.0186	104.7121285	104.765712	1.015825	104.728381	
2010	96	600	96.250000000		04/06/2010 6:00	101.54	1.42632	0.326	17.42	0.352	13.09	44.0199	104.7117475	104.765331	1.015425	104.727981	
2010	96	700	96.291666667		04/06/2010 7:00	101.48	1.42548	0.326	17.41	0.352	13.95	44.0217	104.711176	104.764759	1.014825	104.727381	
2010	96	800	96.333333333		04/06/2010 8:00	101.44	1.42492	0.325	17.4	0.352	13.94	44.0230	104.710795	104.764378	1.014425	104.726981	
2010	96	900	96.375000000		04/06/2010 9:00	101.26	1.42239	0.326	17.38	0.352	13.87	44.0286	104.7090805	104.762664	1.012625	104.725181	
2010	96	1000	96.416666667		04/06/2010 10:00	101.1	1.42014	0.325	17.39	0.352	13.81	44.0336	104.7075565	104.761140	1.011025	104.723581	
2010	96	1100	96.458333333		04/06/2010 11:00	101.17	1.42113	0.325	17.39	0.352	13.79	44.0314	104.7082233	104.761807	1.011725	104.724281	
2010	96	1200	96.500000000		04/06/2010 12:00	101.01	1.41888	0.325	17.39	0.352	13.76	44.0364	104.7066993	104.760283	1.010125	104.722680	
2010	96	1300	96.541666667		04/06/2010 13:00	100.94	1.41790	0.326	17.41	0.352	13.75	44.0386	104.7060325	104.759616	1.009425	104.721980	
2010	96	1400	96.583333333		04/06/2010 14:00	100.9	1.41733	0.325	17.39	0.352	13.72	44.0399	104.7056515	104.759235	1.009025	104.721580	
2010	96	1500	96.625000000		04/06/2010 15:00	100.61	1.41326	0.325	17.39	0.352	13.74	44.0489	104.7028892	104.756472	1.006125	104.718680	
2010	96	1600	96.666666667		04/06/2010 16:00	100.61	1.41326	0.326	17.4	0.352	13.74	44.0489	104.7028892	104.756472	1.006125	104.718680	
2010	96	1700	96.708333333		04/06/2010 17:00	100.58	1.41284	0.326	17.39	0.352	13.75	44.0499	104.7026035	104.756187	1.005825	104.718380	
2010	96	1800	96.750000000		04/06/2010 18:00	100.38	1.41003	0.325	17.39	0.352	13.66	44.0561	104.7006985	104.754282	1.003825	104.716380	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	96	1900	96.791666667		04/06/2010 19:00	100.34	1.40947	0.325	17.39	0.352	13.53	44.0574	104.7003175	104.753901	1.003425	104.715980	
2010	96	2000	96.833333333		04/06/2010 20:00	100.22	1.40778	0.325	17.38	0.352	13.43	44.0611	104.6991745	104.752758	1.002225	104.714780	
2010	96	2100	96.875000000		04/06/2010 21:00	100.08	1.40582	0.325	17.38	0.352	13.37	44.0655	104.697841	104.751424	1.000825	104.713380	
2010	96	2200	96.916666667		04/06/2010 22:00	100.02	1.40497	0.325	17.4	0.352	13.32	44.0674	104.6972695	104.750853	1.000225	104.712780	
2010	96	2300	96.958333333		04/06/2010 23:00	99.938	1.40382	0.325	17.39	0.352	13.26	44.0699	104.6964884	104.750072	0.999405	104.711960	
2010	96	2400	97.000000000		04/07/2010 0:00	99.843	1.40249	0.326	17.39	0.352	13.21	44.0729	104.6955835	104.749167	0.998455	104.711010	
2010	97	100	97.041666667		04/07/2010 1:00	99.762	1.40135	0.326	17.4	0.352	13.16	44.0754	104.694812	104.748395	0.997645	104.710200	
2010	97	200	97.083333333		04/07/2010 2:00	99.657	1.39987	0.326	17.41	0.352	13.12	44.0787	104.6938119	104.747395	0.996595	104.709150	
2010	97	300	97.125000000		04/07/2010 3:00	99.576	1.39874	0.326	17.39	0.352	13.07	44.0812	104.6930403	104.746624	0.995785	104.708340	
2010	97	400	97.166666667		04/07/2010 4:00	99.453	1.39701	0.326	17.39	0.352	13.03	44.0851	104.6918687	104.745452	0.994555	104.707110	
2010	97	500	97.208333333		04/07/2010 5:00	99.399	1.39625	0.326	17.41	0.352	12.99	44.0868	104.6913544	104.744938	0.994015	104.706570	
2010	97	600	97.250000000		04/07/2010 6:00	99.305	1.39493	0.325	17.39	0.352	13.37	44.0897	104.690459	104.744042	0.993074	104.705630	
2010	97	700	97.291666667		04/07/2010 7:00	99.263	1.39434	0.325	17.39	0.352	13.95	44.0910	104.690059	104.743642	0.992654	104.705210	
2010	97	800	97.333333333		04/07/2010 8:00	99.247	1.39411	0.325	17.38	0.352	13.89	44.0915	104.6899066	104.743490	0.992494	104.705050	
2010	97	900	97.375000000		04/07/2010 9:00	99.203	1.39350	0.326	17.4	0.352	13.85	44.0929	104.6894875	104.743071	0.992054	104.704610	
2010	97	1000	97.416666667		04/07/2010 10:00	98.225	1.37976	0.326	17.4	0.353	13.79	44.1235	104.680172	104.733755	0.982274	104.694830	
2010	97	1100	97.458333333		04/07/2010 11:00	99.154	1.39281	0.344	17.41	0.372	13.74	44.0944	104.6890208	104.742604	0.991564	104.704120	
2010	97	1200	97.500000000		04/07/2010 12:00	99.072	1.39166	0.349	17.4	0.378	13.71	44.0970	104.6882397	104.741823	0.990744	104.703300	
2010	97	1300	97.541666667		04/07/2010 13:00	99.067	1.39159	0.35	17.41	0.378	13.66	44.0971	104.6881921	104.741775	0.990694	104.703250	
2010	97	1400	97.583333333		04/07/2010 14:00	99.103	1.39209	0.35	17.41	0.378	13.63	44.0960	104.688535	104.742118	0.991054	104.703610	
2010	97	1500	97.625000000		04/07/2010 15:00	98.981	1.39038	0.35	17.41	0.378	13.59	44.0998	104.6873729	104.740956	0.989834	104.702390	
2010	97	1600	97.666666667		04/07/2010 16:00	98.886	1.38904	0.35	17.4	0.379	13.61	44.1028	104.686468	104.740051	0.988884	104.701440	
2010	97	1700	97.708333333		04/07/2010 17:00	98.896	1.38918	0.35	17.42	0.379	13.64	44.1025	104.6865633	104.740147	0.988984	104.701540	
2010	97	1800	97.750000000		04/07/2010 18:00	98.782	1.38758	0.35	17.4	0.379	13.51	44.1060	104.6854774	104.739061	0.987844	104.700400	
2010	97	1900	97.791666667		04/07/2010 19:00	98.654	1.38578	0.35	17.4	0.379	13.41	44.1100	104.6842582	104.737841	0.986564	104.699120	
2010	97	2000	97.833333333		04/07/2010 20:00	98.613	1.38521	0.35	17.42	0.379	13.33	44.1113	104.6838677	104.737451	0.986154	104.698710	
2010	97	2100	97.875000000		04/07/2010 21:00	98.578	1.38472	0.35	17.39	0.379	13.27	44.1124	104.6835343	104.737118	0.985804	104.698360	
2010	97	2200	97.916666667		04/07/2010 22:00	98.532	1.38407	0.35	17.41	0.379	13.21	44.1139	104.6830962	104.736679	0.985344	104.697900	
2010	97	2300	97.958333333		04/07/2010 23:00	98.461	1.38307	0.35	17.42	0.379	13.17	44.1161	104.6824199	104.736003	0.984634	104.697190	
2010	97	2400	98.000000000		04/08/2010 0:00	98.422	1.38253	0.35	17.42	0.379	13.11	44.1173	104.6820484	104.735632	0.984244	104.696800	
2010	98	100	98.041666667		04/08/2010 1:00	98.184	1.37918	0.35	17.41	0.379	13.06	44.1247	104.6797815	104.733365	0.981864	104.694420	
2010	98	200	98.083333333		04/08/2010 2:00	98.039	1.37715	0.35	17.4	0.378	13.02	44.1293	104.6784003	104.731984	0.980414	104.692970	
2010	98	300	98.125000000		04/08/2010 3:00	98.138	1.37854	0.35	17.41	0.378	12.99	44.1262	104.6793433	104.732927	0.981404	104.693960	
2010	98	400	98.166666667		04/08/2010 4:00	98.232	1.37986	0.35	17.41	0.378	12.94	44.1232	104.6802387	104.733822	0.982344	104.694900	
2010	98	500	98.208333333		04/08/2010 5:00	98.195	1.37934	0.35	17.4	0.379	12.9	44.1244	104.6798862	104.733469	0.981974	104.694530	
2010	98	600	98.250000000		04/08/2010 6:00	98.088	1.37783	0.35	17.4	0.379	12.88	44.1277	104.678867	104.732450	0.980904	104.693460	
2010	98	700	98.291666667		04/08/2010 7:00	98.387	1.38203	0.35	17.4	0.379	13.89	44.1184	104.681715	104.735298	0.983894	104.696450	
2010	98	800	98.333333333		04/08/2010 8:00	98.339	1.38136	0.35	17.42	0.379	13.9	44.1199	104.6812578	104.734841	0.983414	104.695970	
2010	98	900	98.375000000		04/08/2010 9:00	98.432	1.38267	0.35	17.42	0.379	13.86	44.1170	104.6821437	104.735727	0.984344	104.696900	
2010	98	1000	98.416666667		04/08/2010 10:00	98.971	1.39024	0.35	17.41	0.379	13.82	44.1001	104.6872777	104.740861	0.989734	104.702290	
2010	98	1100	98.458333333		04/08/2010 11:00	99.515	1.39788	0.35	17.42	0.379	13.79	44.0831	104.6924593	104.746043	0.995175	104.707730	
2010	98	1200	98.500000000		04/08/2010 12:00	99.477	1.39735	0.35	17.43	0.379	13.8	44.0843	104.6920973	104.745681	0.994795	104.707350	
2010	98	1300	98.541666667		04/08/2010 13:00	99.365	1.39577	0.35	17.42	0.379	13.77	44.0878	104.6910305	104.744614	0.993675	104.706230	
2010	98	1400	98.583333333		04/08/2010 14:00	99.874	1.40292	0.35	17.42	0.379	13.75	44.0719	104.6958788	104.749462	0.998765	104.711320	
2010	98	1500	98.625000000		04/08/2010 15:00	99.653	1.39982	0.35	17.41	0.379	13.74	44.0788	104.6937738	104.747357	0.996555	104.709110	
2010	98	1600	98.666666667		04/08/2010 16:00	100.06	1.40553	0.35	17.41	0.379	13.76	44.0661	104.6976505	104.751234	1.000625	104.713180	
2010	98	1700	98.708333333		04/08/2010 17:00	99.883	1.40305	0.35	17.41	0.379	13.79	44.0716	104.6959645	104.749548	0.998855	104.711410	
2010	98	1800	98.750000000		04/08/2010 18:00	100.16	1.40694	0.35	17.4	0.379	13.73	44.0630	104.698603	104.752186	1.001625	104.714180	
2010	98	1900	98.791666667		04/08/2010 19:00	100.1	1.40610	0.35	17.41	0.379	13.59	44.0649	104.6980315	104.751615	1.001025	104.713580	
2010	98	2000	98.833333333		04/08/2010 20:00	100.31	1.40905	0.35	17.42	0.379	13.51	44.0583	104.7000317	104.753615	1.003125	104.715680	
2010	98	2100	98.875000000		04/08/2010 21:00	100.46	1.41115	0.35	17.4	0.379	13.44	44.0536	104.7014605	104.755044	1.004625	104.717180	
2010	98	2200	98.916666667		04/08/2010 22:00	100.61	1.41326	0.35	17.42	0.379	13.38	44.0489	104.7028892	104.756472	1.006125	104.718680	
2010	98	2300	98.958333333		04/08/2010 23:00	100.71	1.41466	0.35	17.4	0.379	13.33	44.0458	104.7038417	104.757425	1.007125	104.719680	
2010	98	2400	99.000000000		04/09/2010 0:00	100.85	1.41663	0.35	17.41	0.379	13.28	44.0414	104.7051752	104.758759	1.008525	104.721080	
2010	99	100	99.041666667		04/09/2010 1:00	100.99	1.41860	0.351	17.42	0.379	13.23	44.0370	104.7065088	104.760092	1.009925	104.722480	
2010	99	200	99.083333333		04/09/2010 2:00	101.04	1.41930	0.35	17.41	0.379	13.18	44.0355	104.706985	104.760568	1.010425	104.722980	
2010	99	300	99.125000000		04/09/2010 3:00	101.24	1.42211	0.35	17.41	0.379	13.15	44.0292	104.70889	104.762473	1.012425	104.724981	
2010	99	400	99.166666667		04/09/2010 4:00	101.33	1.42337	0.35	17.42	0.379	13.1	44.0264	104.7097473	104.763331	1.013325	104.725881	
2010	99	500	99.208333333		04/09/2010 5:00	101.51	1.42590	0.35	17.4	0.379	13.05	44.0208	104.7114618	104.765045	1.015125	104.727681	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	99	600	99.250000000		04/09/2010 6:00	101.65	1.42787	0.35	17.41	0.379	13.28	44.0164	104.7127953	104.766379	1.016525	104.729081	
2010	99	700	99.291666667		04/09/2010 7:00	101.81	1.43012	0.35	17.42	0.379	14.05	44.0114	104.7143193	104.767903	1.018125	104.730681	
2010	99	800	99.333333333		04/09/2010 8:00	101.97	1.43236	0.35	17.42	0.379	14	44.0064	104.7158433	104.769427	1.019725	104.732281	
2010	99	900	99.375000000		04/09/2010 9:00	102.02	1.43307	0.35	17.43	0.379	13.95	44.0049	104.7163196	104.769903	1.020225	104.732781	
2010	99	1000	99.416666667		04/09/2010 10:00	102.21	1.43574	0.35	17.39	0.379	13.9	43.9989	104.7181293	104.771713	1.022125	104.734681	
2010	99	1100	99.458333333		04/09/2010 11:00	102.28	1.43672	0.35	17.42	0.379	13.84	43.9967	104.7187961	104.772379	1.022825	104.735381	
2010	99	1200	99.500000000		04/09/2010 12:00	102.47	1.43939	0.35	17.39	0.379	13.79	43.9908	104.7206058	104.774189	1.024725	104.737281	
2010	99	1300	99.541666667		04/09/2010 13:00	102.5	1.43981	0.35	17.41	0.379	13.72	43.9899	104.7208916	104.774475	1.025025	104.737581	
2010	99	1400	99.583333333		04/09/2010 14:00	102.7	1.44262	0.35	17.4	0.379	13.71	43.9836	104.7227966	104.776380	1.027025	104.739581	
2010	99	1500	99.625000000		04/09/2010 15:00	102.75	1.44332	0.35	17.41	0.379	13.74	43.9820	104.7232728	104.776856	1.027525	104.740081	
2010	99	1600	99.666666667		04/09/2010 16:00	102.87	1.44501	0.35	17.41	0.379	13.76	43.9783	104.7244159	104.777999	1.028725	104.741281	
2010	99	1700	99.708333333		04/09/2010 17:00	102.99	1.44669	0.35	17.41	0.378	13.78	43.9745	104.7255589	104.779142	1.029925	104.742481	
2010	99	1800	99.750000000		04/09/2010 18:00	103.09	1.44810	0.35	17.41	0.378	13.63	43.9714	104.7265114	104.780095	1.030925	104.743481	
2010	99	1900	99.791666667		04/09/2010 19:00	103.29	1.45091	0.35	17.41	0.378	13.52	43.9652	104.7284164	104.782000	1.032925	104.745481	
2010	99	2000	99.833333333		04/09/2010 20:00	103.34	1.45161	0.35	17.41	0.378	13.44	43.9636	104.7288926	104.782476	1.033425	104.745981	
2010	99	2100	99.875000000		04/09/2010 21:00	103.52	1.45414	0.35	17.44	0.379	13.37	43.9580	104.7306071	104.784190	1.035226	104.747781	
2010	99	2200	99.916666667		04/09/2010 22:00	103.6	1.45526	0.35	17.4	0.379	13.32	43.9555	104.7313691	104.784952	1.036026	104.748581	
2010	99	2300	99.958333333		04/09/2010 23:00	103.69	1.45652	0.35	17.41	0.379	13.26	43.9527	104.7322264	104.785810	1.036926	104.749481	
2010	99	2400	100.000000000		04/10/2010 0:00	103.89	1.45933	0.35	17.42	0.379	13.22	43.9464	104.7341314	104.787715	1.038926	104.751481	
2010	100	100	100.041666667		04/10/2010 1:00	103.99	1.46074	0.35	17.4	0.379	13.17	43.9433	104.7350839	104.788667	1.039926	104.752481	
2010	100	200	100.083333333		04/10/2010 2:00	104.17	1.46327	0.35	17.4	0.379	13.12	43.9377	104.7367984	104.790382	1.041726	104.754281	
2010	100	300	100.125000000		04/10/2010 3:00	104.31	1.46523	0.35	17.4	0.379	13.08	43.9333	104.7381319	104.791715	1.043126	104.755681	
2010	100	400	100.166666667		04/10/2010 4:00	104.52	1.46818	0.35	17.41	0.379	13.03	43.9267	104.7401322	104.793715	1.045226	104.757781	
2010	100	500	100.208333333		04/10/2010 5:00	104.65	1.47001	0.35	17.39	0.379	12.99	43.9227	104.7413705	104.794954	1.046526	104.759081	
2010	100	600	100.250000000		04/10/2010 6:00	104.8	1.47212	0.35	17.41	0.379	13.63	43.9180	104.7427992	104.796382	1.048026	104.760581	
2010	100	700	100.291666667		04/10/2010 7:00	104.89	1.47338	0.35	17.41	0.379	14.1	43.9152	104.7436565	104.797240	1.048926	104.761481	
2010	100	800	100.333333333		04/10/2010 8:00	105.17	1.47731	0.35	17.42	0.378	14.02	43.9064	104.7463235	104.799907	1.051726	104.764282	
2010	100	900	100.375000000		04/10/2010 9:00	105.27	1.47872	0.35	17.42	0.378	13.94	43.9033	104.747276	104.800859	1.052726	104.765282	
2010	100	1000	100.416666667		04/10/2010 10:00	105.45	1.48125	0.35	17.42	0.378	13.86	43.8977	104.7489905	104.802574	1.054526	104.767082	
2010	100	1100	100.458333333		04/10/2010 11:00	105.64	1.48392	0.349	17.41	0.378	13.78	43.8917	104.7508003	104.804384	1.056426	104.768982	
2010	100	1200	100.500000000		04/10/2010 12:00	105.74	1.48532	0.349	17.4	0.378	13.73	43.8886	104.7517528	104.805336	1.057426	104.769982	
2010	100	1300	100.541666667		04/10/2010 13:00	105.92	1.48785	0.349	17.42	0.378	13.67	43.8830	104.7534673	104.807051	1.059226	104.771782	
2010	100	1400	100.583333333		04/10/2010 14:00	105.99	1.48883	0.349	17.4	0.378	13.64	43.8808	104.754134	104.807717	1.059926	104.772482	
2010	100	1500	100.625000000		04/10/2010 15:00	106.21	1.49192	0.349	17.42	0.378	13.66	43.8739	104.7562295	104.809813	1.062126	104.774682	
2010	100	1600	100.666666667		04/10/2010 16:00	106.31	1.49333	0.349	17.41	0.377	13.68	43.8708	104.757182	104.810765	1.063126	104.775682	
2010	100	1700	100.708333333		04/10/2010 17:00	106.37	1.49417	0.349	17.42	0.377	13.7	43.8689	104.7577535	104.811337	1.063726	104.776282	
2010	100	1800	100.750000000		04/10/2010 18:00	106.47	1.49558	0.349	17.4	0.378	13.61	43.8658	104.758706	104.812289	1.064726	104.777282	
2010	100	1900	100.791666667		04/10/2010 19:00	106.56	1.49684	0.349	17.4	0.377	13.49	43.8630	104.7595633	104.813147	1.065626	104.778182	
2010	100	2000	100.833333333		04/10/2010 20:00	106.74	1.49937	0.349	17.41	0.377	13.41	43.8574	104.7612778	104.814861	1.067426	104.779982	
2010	100	2100	100.875000000		04/10/2010 21:00	106.96	1.50246	0.349	17.41	0.377	13.34	43.8505	104.7633733	104.816957	1.069626	104.782182	
2010	100	2200	100.916666667		04/10/2010 22:00	106.95	1.50232	0.349	17.41	0.377	13.28	43.8508	104.7632781	104.816861	1.069526	104.782082	
2010	100	2300	100.958333333		04/10/2010 23:00	107.09	1.50428	0.349	17.4	0.377	13.22	43.8464	104.7646116	104.818195	1.070926	104.783482	
2010	100	2400	101.000000000		04/11/2010 0:00	107.22	1.50611	0.349	17.4	0.377	13.17	43.8424	104.7658498	104.819433	1.072226	104.784782	
2010	101	100	101.041666667		04/11/2010 1:00	107.32	1.50752	0.348	17.42	0.377	13.12	43.8392	104.7668023	104.820386	1.073226	104.785782	
2010	101	200	101.083333333		04/11/2010 2:00	107.4	1.50864	0.348	17.4	0.377	13.08	43.8367	104.7675643	104.821148	1.074026	104.786582	
2010	101	300	101.125000000		04/11/2010 3:00	107.47	1.50962	0.348	17.4	0.377	13.04	43.8345	104.7682311	104.821814	1.074727	104.787282	
2010	101	400	101.166666667		04/11/2010 4:00	107.59	1.51131	0.348	17.4	0.376	12.99	43.8308	104.7693741	104.822957	1.075927	104.788482	
2010	101	500	101.208333333		04/11/2010 5:00	107.68	1.51257	0.348	17.39	0.377	12.95	43.8280	104.7702314	104.823815	1.076827	104.789382	
2010	101	600	101.250000000		04/11/2010 6:00	107.88	1.51538	0.348	17.4	0.377	12.93	43.8217	104.7721364	104.825720	1.078827	104.791382	
2010	101	700	101.291666667		04/11/2010 7:00	107.81	1.51440	0.348	17.39	0.377	13.96	43.8239	104.7714696	104.825053	1.078127	104.790682	
2010	101	800	101.333333333		04/11/2010 8:00	108.05	1.51777	0.348	17.4	0.376	13.88	43.8164	104.7737556	104.827339	1.080527	104.793082	
2010	101	900	101.375000000		04/11/2010 9:00	108.12	1.51875	0.348	17.39	0.376	13.82	43.8142	104.7744224	104.828006	1.081227	104.793782	
2010	101	1000	101.416666667		04/11/2010 10:00	108.23	1.52030	0.347	17.41	0.376	13.77	43.8108	104.7754701	104.829053	1.082327	104.794882	
2010	101	1100	101.458333333		04/11/2010 11:00	108.35	1.52198	0.347	17.4	0.376	13.73	43.8070	104.7766131	104.830196	1.083527	104.796082	
2010	101	1200	101.500000000		04/11/2010 12:00	108.46	1.52353	0.347	17.4	0.376	13.69	43.8036	104.7776609	104.831244	1.084627	104.797182	
2010	101	1300	101.541666667		04/11/2010 13:00	108.54	1.52465	0.347	17.41	0.376	13.64	43.8011	104.7784229	104.832006	1.085427	104.797982	
2010	101	1400	101.583333333		04/11/2010 14:00	108.64	1.52606	0.347	17.4	0.376	13.59	43.7980	104.7793754	104.832959	1.086427	104.798982	
2010	101	1500	101.625000000		04/11/2010 15:00	108.73	1.52732	0.347	17.4	0.376	13.58	43.7952	104.7802327	104.833816	1.087327	104.799882	
2010	101	1600	101.666666667		04/11/2010 16:00	108.83	1.52873	0.347	17.39	0.376	13.59	43.7920	104.7811852	104.834768	1.088327	104.800882	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	101	1700	101.708333333		04/11/2010 17:00	108.89	1.52957	0.347	17.41	0.376	13.61	43.7902	104.7817567	104.835340	1.088927	104.801482	
2010	101	1800	101.750000000		04/11/2010 18:00	108.97	1.53069	0.347	17.39	0.376	13.52	43.7877	104.7825187	104.836102	1.089727	104.802282	
2010	101	1900	101.791666667		04/11/2010 19:00	109.03	1.53154	0.347	17.4	0.376	13.41	43.7858	104.7830902	104.836673	1.090327	104.802882	
2010	101	2000	101.833333333		04/11/2010 20:00	109.58	1.53926	0.347	17.39	0.375	13.32	43.7686	104.788329	104.841912	1.095827	104.808383	
2010	101	2100	101.875000000		04/11/2010 21:00	109.5	1.53814	0.347	17.41	0.375	13.26	43.7711	104.787567	104.841150	1.095027	104.807583	
2010	101	2200	101.916666667		04/11/2010 22:00	109.31	1.53547	0.347	17.4	0.375	13.2	43.7770	104.7857572	104.839340	1.093127	104.805683	
2010	101	2300	101.958333333		04/11/2010 23:00	109.55	1.53884	0.347	17.4	0.375	13.15	43.7695	104.7880432	104.841626	1.095527	104.808083	
2010	101	2400	102.000000000		04/12/2010 0:00	109.55	1.53884	0.347	17.4	0.375	13.1	43.7695	104.7880432	104.841626	1.095527	104.808083	
2010	102	100	102.041666667		04/12/2010 1:00	109.72	1.54123	0.346	17.4	0.375	13.06	43.7642	104.7896625	104.843246	1.097227	104.809783	
2010	102	200	102.083333333		04/12/2010 2:00	109.82	1.54263	0.346	17.41	0.375	13.01	43.7611	104.790615	104.844198	1.098227	104.810783	
2010	102	300	102.125000000		04/12/2010 3:00	109.86	1.54319	0.346	17.41	0.375	12.97	43.7599	104.790996	104.844579	1.098627	104.811183	
2010	102	400	102.166666667		04/12/2010 4:00	109.82	1.54263	0.346	17.4	0.375	12.93	43.7611	104.790615	104.844198	1.098227	104.810783	
2010	102	500	102.208333333		04/12/2010 5:00	109.83	1.54277	0.346	17.42	0.375	12.9	43.7608	104.7907102	104.844293	1.098327	104.810883	
2010	102	600	102.250000000		04/12/2010 6:00	109.83	1.54277	0.346	17.4	0.374	12.87	43.7608	104.7907102	104.844293	1.098327	104.810883	
2010	102	700	102.291666667		04/12/2010 7:00	109.86	1.54319	0.346	17.41	0.374	13.74	43.7599	104.790996	104.844579	1.098627	104.811183	
2010	102	800	102.333333333		04/12/2010 8:00	109.94	1.54432	0.346	17.41	0.374	13.85	43.7574	104.791758	104.845341	1.099427	104.811983	
2010	102	900	102.375000000		04/12/2010 9:00	109.98	1.54488	0.346	17.42	0.374	13.82	43.7561	104.792139	104.845722	1.099827	104.812383	
2010	102	1000	102.416666667		04/12/2010 10:00	110.06	1.54600	0.346	17.4	0.374	13.72	43.7536	104.792901	104.846484	1.100627	104.813183	
2010	102	1100	102.458333333		04/12/2010 11:00	110.07	1.54614	0.346	17.41	0.374	13.7	43.7533	104.7929962	104.846579	1.100727	104.813283	
2010	102	1200	102.500000000		04/12/2010 12:00	110.11	1.54671	0.346	17.4	0.374	13.67	43.7520	104.7933772	104.846961	1.101127	104.813683	
2010	102	1300	102.541666667		04/12/2010 13:00	110.08	1.54628	0.346	17.41	0.374	13.64	43.7530	104.7930915	104.846675	1.100827	104.813383	
2010	102	1400	102.583333333		04/12/2010 14:00	110.2	1.54797	0.346	17.39	0.374	13.62	43.7492	104.7942345	104.847818	1.102027	104.814583	
2010	102	1500	102.625000000		04/12/2010 15:00	110.21	1.54811	0.345	17.4	0.374	13.59	43.7489	104.7943297	104.847913	1.102127	104.814683	
2010	102	1600	102.666666667		04/12/2010 16:00	110.27	1.54895	0.345	17.4	0.374	13.63	43.7470	104.7949013	104.848485	1.102727	104.815283	
2010	102	1700	102.708333333		04/12/2010 17:00	110.3	1.54937	0.345	17.4	0.374	13.64	43.7461	104.795187	104.848770	1.103027	104.815583	
2010	102	1800	102.750000000		04/12/2010 18:00	110.25	1.54867	0.345	17.42	0.374	13.66	43.7477	104.7947108	104.848294	1.102527	104.815083	
2010	102	1900	102.791666667		04/12/2010 19:00	110.25	1.54867	0.345	17.4	0.374	13.49	43.7477	104.7947108	104.848294	1.102527	104.815083	
2010	102	2000	102.833333333		04/12/2010 20:00	110.3	1.54937	0.345	17.4	0.373	13.39	43.7461	104.795187	104.848770	1.103027	104.815583	
2010	102	2100	102.875000000		04/12/2010 21:00	110.33	1.54980	0.345	17.41	0.374	13.32	43.7452	104.7954728	104.849056	1.103327	104.815883	
2010	102	2200	102.916666667		04/12/2010 22:00	110.35	1.55008	0.345	17.4	0.373	13.26	43.7445	104.7956633	104.849247	1.103527	104.816083	
2010	102	2300	102.958333333		04/12/2010 23:00	110.33	1.54980	0.345	17.42	0.373	13.21	43.7452	104.7954728	104.849056	1.103327	104.815883	
2010	102	2400	103.000000000		04/13/2010 0:00	110.41	1.55092	0.345	17.41	0.373	13.16	43.7427	104.7962348	104.849818	1.104127	104.816683	
2010	103	100	103.041666667		04/13/2010 1:00	110.4	1.55078	0.345	17.4	0.373	13.11	43.7430	104.7961395	104.849723	1.104027	104.816583	
2010	103	200	103.083333333		04/13/2010 2:00	110.4	1.55078	0.345	17.42	0.373	13.07	43.7430	104.7961395	104.849723	1.104027	104.816583	
2010	103	300	103.125000000		04/13/2010 3:00	110.41	1.55092	0.345	17.4	0.373	13.03	43.7427	104.7962348	104.849818	1.104127	104.816683	
2010	103	400	103.166666667		04/13/2010 4:00	110.43	1.55120	0.345	17.42	0.373	12.98	43.7420	104.7964253	104.850009	1.104327	104.816883	
2010	103	500	103.208333333		04/13/2010 5:00	110.42	1.55106	0.345	17.41	0.373	12.95	43.7424	104.79633	104.849913	1.104227	104.816783	
2010	103	600	103.250000000		04/13/2010 6:00	110.42	1.55106	0.345	17.41	0.373	12.93	43.7424	104.79633	104.849913	1.104227	104.816783	
2010	103	700	103.291666667		04/13/2010 7:00	110.37	1.55036	0.345	17.42	0.373	13.89	43.7439	104.7958538	104.849437	1.103727	104.816283	
2010	103	800	103.333333333		04/13/2010 8:00	110.45	1.55148	0.344	17.4	0.373	13.86	43.7414	104.7966158	104.850199	1.104527	104.817083	
2010	103	900	103.375000000		04/13/2010 9:00	110.34	1.54994	0.345	17.37	0.373	13.82	43.7449	104.795568	104.849151	1.103427	104.815983	
2010	103	1000	103.416666667		04/13/2010 10:00	110.3	1.54937	0.344	17.38	0.373	13.76	43.7461	104.795187	104.848770	1.103027	104.815583	
2010	103	1100	103.458333333		04/13/2010 11:00	110.27	1.54895	0.344	17.38	0.373	13.73	43.7470	104.7949013	104.848485	1.102727	104.815283	
2010	103	1200	103.500000000		04/13/2010 12:00	110.2	1.54797	0.344	17.37	0.373	13.7	43.7492	104.7942345	104.847818	1.102027	104.814583	
2010	103	1300	103.541666667		04/13/2010 13:00	110.1	1.54657	0.344	17.42	0.372	13.63	43.7524	104.793282	104.846865	1.101027	104.813583	
2010	103	1400	103.583333333		04/13/2010 14:00	110.06	1.54600	0.344	17.4	0.372	13.62	43.7536	104.792901	104.846484	1.100627	104.813183	
2010	103	1500	103.625000000		04/13/2010 15:00	109.93	1.54418	0.344	17.4	0.372	13.62	43.7577	104.7916627	104.845246	1.099327	104.811883	
2010	103	1600	103.666666667		04/13/2010 16:00	109.88	1.54348	0.344	17.42	0.372	13.63	43.7592	104.7911865	104.844770	1.098827	104.811383	
2010	103	1700	103.708333333		04/13/2010 17:00	109.77	1.54193	0.344	17.4	0.372	13.59	43.7627	104.7901387	104.843722	1.097727	104.810283	
2010	103	1800	103.750000000		04/13/2010 18:00	109.67	1.54053	0.344	17.4	0.372	13.65	43.7658	104.7891862	104.842769	1.096727	104.809283	
2010	103	1900	103.791666667		04/13/2010 19:00	109.6	1.53954	0.344	17.38	0.372	13.51	43.7680	104.7885195	104.842103	1.096027	104.808583	
2010	103	2000	103.833333333		04/13/2010 20:00	109.55	1.53884	0.344	17.41	0.372	13.42	43.7695	104.7880432	104.841626	1.095527	104.808083	
2010	103	2100	103.875000000		04/13/2010 21:00	109.55	1.53884	0.344	17.4	0.372	13.35	43.7695	104.7880432	104.841626	1.095527	104.808083	
2010	103	2200	103.916666667		04/13/2010 22:00	109.48	1.53786	0.344	17.39	0.372	13.29	43.7717	104.7873765	104.840960	1.094827	104.807383	
2010	103	2300	103.958333333		04/13/2010 23:00	109.46	1.53758	0.343	17.39	0.372	13.24	43.7724	104.787186	104.840769	1.094627	104.807183	
2010	103	2400	104.000000000		04/14/2010 0:00	109.46	1.53758	0.343	17.4	0.372	13.19	43.7724	104.787186	104.840769	1.094627	104.807183	
2010	104	100	104.041666667		04/14/2010 1:00	109.42	1.53701	0.343	17.41	0.371	13.15	43.7736	104.786805	104.840388	1.094227	104.806783	
2010	104	200	104.083333333		04/14/2010 2:00	109.4	1.53673	0.343	17.39	0.372	13.1	43.7742	104.7866145	104.840198	1.094027	104.806583	
2010	104	300	104.125000000		04/14/2010 3:00	109.36	1.53617	0.343	17.4	0.372	13.05	43.7755	104.7862335	104.839817	1.093627	104.806183	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	104	400	104.166666667		04/14/2010 4:00	109.3	1.53533	0.343	17.38	0.372	13.01	43.7774	104.7856619	104.839245	1.093027	104.805583	
2010	104	500	104.208333333		04/14/2010 5:00	109.26	1.53477	0.343	17.4	0.371	12.97	43.7786	104.7852809	104.838864	1.092627	104.805183	
2010	104	600	104.250000000		04/14/2010 6:00	109.17	1.53350	0.343	17.41	0.371	13.63	43.7814	104.7844237	104.838007	1.091727	104.804282	
2010	104	700	104.291666667		04/14/2010 7:00	109.18	1.53364	0.343	17.42	0.371	13.99	43.7811	104.7845189	104.838102	1.091827	104.804382	
2010	104	800	104.333333333		04/14/2010 8:00	109.11	1.53266	0.343	17.39	0.371	13.88	43.7833	104.7838522	104.837435	1.091127	104.803682	
2010	104	900	104.375000000		04/14/2010 9:00	109.05	1.53182	0.343	17.41	0.371	13.8	43.7852	104.7832807	104.836864	1.090527	104.803082	
2010	104	1000	104.416666667		04/14/2010 10:00	108.97	1.53069	0.343	17.39	0.371	13.72	43.7877	104.7825187	104.836102	1.089727	104.802282	
2010	104	1100	104.458333333		04/14/2010 11:00	108.95	1.53041	0.343	17.4	0.371	13.67	43.7883	104.7823282	104.835911	1.089527	104.802082	
2010	104	1200	104.500000000		04/14/2010 12:00	108.87	1.52929	0.343	17.4	0.371	13.66	43.7908	104.7815662	104.835149	1.088727	104.801282	
2010	104	1300	104.541666667		04/14/2010 13:00	108.81	1.52845	0.343	17.42	0.371	13.6	43.7927	104.7809947	104.834578	1.088127	104.800682	
2010	104	1400	104.583333333		04/14/2010 14:00	108.71	1.52704	0.343	17.43	0.371	13.58	43.7958	104.7800422	104.833625	1.087127	104.799682	
2010	104	1500	104.625000000		04/14/2010 15:00	108.69	1.52676	0.342	17.42	0.37	13.53	43.7964	104.7798517	104.833435	1.086927	104.799482	
2010	104	1600	104.666666667		04/14/2010 16:00	108.57	1.52507	0.342	17.41	0.371	13.52	43.8002	104.7787087	104.832292	1.085727	104.798282	
2010	104	1700	104.708333333		04/14/2010 17:00	108.53	1.52451	0.342	17.43	0.37	13.56	43.8014	104.7783277	104.831911	1.085327	104.797882	
2010	104	1800	104.750000000		04/14/2010 18:00	108.49	1.52395	0.342	17.42	0.37	13.53	43.8027	104.7779467	104.831530	1.084927	104.797482	
2010	104	1900	104.791666667		04/14/2010 19:00	108.38	1.52240	0.342	17.41	0.37	13.39	43.8061	104.7768989	104.830482	1.083827	104.796382	
2010	104	2000	104.833333333		04/14/2010 20:00	108.32	1.52156	0.342	17.42	0.37	13.3	43.8080	104.7763274	104.829911	1.083227	104.795782	
2010	104	2100	104.875000000		04/14/2010 21:00	108.31	1.52142	0.342	17.41	0.37	13.24	43.8083	104.7762321	104.829815	1.083127	104.795682	
2010	104	2200	104.916666667		04/14/2010 22:00	108.29	1.52114	0.342	17.43	0.37	13.18	43.8089	104.7760416	104.829625	1.082927	104.795482	
2010	104	2300	104.958333333		04/14/2010 23:00	108.15	1.51917	0.342	17.41	0.37	13.13	43.8133	104.7747081	104.828291	1.081527	104.794082	
2010	104	2400	105.000000000		04/15/2010 0:00	108.13	1.51889	0.342	17.38	0.37	13.08	43.8139	104.7745176	104.828101	1.081327	104.793882	
2010	105	100	105.041666667		04/15/2010 1:00	108.1	1.51847	0.342	17.42	0.37	13.03	43.8149	104.7742319	104.827815	1.081027	104.793582	
2010	105	200	105.083333333		04/15/2010 2:00	108	1.51707	0.342	17.41	0.37	12.99	43.8180	104.7732794	104.826863	1.080027	104.792582	
2010	105	300	105.125000000		04/15/2010 3:00	107.97	1.51665	0.342	17.42	0.37	12.95	43.8189	104.7729936	104.826577	1.079727	104.792282	
2010	105	400	105.166666667		04/15/2010 4:00	107.86	1.51510	0.342	17.43	0.37	12.92	43.8224	104.7719459	104.825529	1.078627	104.791182	
2010	105	500	105.208333333		04/15/2010 5:00	107.87	1.51524	0.342	17.43	0.37	12.88	43.8220	104.7720411	104.825624	1.078727	104.791282	
2010	105	600	105.250000000		04/15/2010 6:00	107.63	1.51187	0.341	17.4	0.37	12.94	43.8295	104.7697551	104.823338	1.076327	104.788882	
2010	105	700	105.291666667		04/15/2010 7:00	107.67	1.51243	0.341	17.42	0.369	12.9	43.8283	104.7701361	104.823719	1.076727	104.789282	
2010	105	800	105.333333333		04/15/2010 8:00	107.61	1.51159	0.341	17.44	0.369	13.89	43.8302	104.7695646	104.823148	1.076127	104.788682	
2010	105	900	105.375000000		04/15/2010 9:00	107.56	1.51089	0.341	17.42	0.369	13.8	43.8317	104.7690884	104.822672	1.075627	104.788182	
2010	105	1000	105.416666667		04/15/2010 10:00	107.54	1.51061	0.341	17.41	0.369	13.7	43.8324	104.7688979	104.822481	1.075427	104.787982	
2010	105	1100	105.458333333		04/15/2010 11:00	107.53	1.51046	0.341	17.41	0.369	13.65	43.8327	104.7688026	104.822386	1.075327	104.787882	
2010	105	1200	105.500000000		04/15/2010 12:00	107.56	1.51089	0.341	17.42	0.369	13.64	43.8317	104.7690884	104.822672	1.075627	104.788182	
2010	105	1300	105.541666667		04/15/2010 13:00	107.4	1.50864	0.341	17.43	0.369	13.58	43.8367	104.7675643	104.821148	1.074026	104.786582	
2010	105	1400	105.583333333		04/15/2010 14:00	107.4	1.50864	0.341	17.43	0.369	13.51	43.8367	104.7675643	104.821148	1.074026	104.786582	
2010	105	1500	105.625000000		04/15/2010 15:00	107.39	1.50850	0.341	17.44	0.369	13.49	43.8370	104.7674691	104.821052	1.073926	104.786482	
2010	105	1600	105.666666667		04/15/2010 16:00	107.3	1.50723	0.341	17.42	0.369	13.49	43.8399	104.7666118	104.820195	1.073026	104.785582	
2010	105	1700	105.708333333		04/15/2010 17:00	107.3	1.50723	0.341	17.41	0.369	13.51	43.8399	104.7666118	104.820195	1.073026	104.785582	
2010	105	1800	105.750000000		04/15/2010 18:00	107.21	1.50597	0.341	17.43	0.369	13.41	43.8427	104.7657546	104.819338	1.072126	104.784682	
2010	105	1900	105.791666667		04/15/2010 19:00	107.2	1.50583	0.34	17.42	0.368	13.3	43.8430	104.7656593	104.819243	1.072026	104.784582	
2010	105	2000	105.833333333		04/15/2010 20:00	107.14	1.50499	0.34	17.4	0.368	13.23	43.8449	104.7650878	104.818671	1.071426	104.783982	
2010	105	2100	105.875000000		04/15/2010 21:00	107.16	1.50527	0.341	17.42	0.369	13.17	43.8442	104.7652783	104.818862	1.071626	104.784182	
2010	105	2200	105.916666667		04/15/2010 22:00	107.18	1.50555	0.341	17.41	0.369	13.12	43.8436	104.7654688	104.819052	1.071826	104.784382	
2010	105	2300	105.958333333		04/15/2010 23:00	107.21	1.50597	0.341	17.43	0.369	13.07	43.8427	104.7657546	104.819338	1.072126	104.784682	
2010	105	2400	106.000000000		04/16/2010 0:00	107.27	1.50681	0.34	17.41	0.368	13.03	43.8408	104.7663261	104.819909	1.072726	104.785282	
2010	106	100	106.041666667		04/16/2010 1:00	107.33	1.50766	0.34	17.42	0.368	12.99	43.8389	104.7668976	104.820481	1.073326	104.785882	
2010	106	200	106.083333333		04/16/2010 2:00	107.33	1.50766	0.34	17.43	0.368	12.94	43.8389	104.7668976	104.820481	1.073326	104.785882	
2010	106	300	106.125000000		04/16/2010 3:00	107.33	1.50766	0.34	17.4	0.368	12.9	43.8389	104.7668976	104.820481	1.073326	104.785882	
2010	106	400	106.166666667		04/16/2010 4:00	107.36	1.50808	0.34	17.41	0.368	12.88	43.8380	104.7671833	104.820767	1.073626	104.786182	
2010	106	500	106.208333333		04/16/2010 5:00	107.45	1.50934	0.34	17.41	0.368	12.84	43.8352	104.7680406	104.821624	1.074527	104.787082	
2010	106	600	106.250000000		04/16/2010 6:00	107.44	1.50920	0.34	17.43	0.368	13.32	43.8355	104.7679454	104.821529	1.074426	104.786982	
2010	106	700	106.291666667		04/16/2010 7:00	107.48	1.50976	0.34	17.4	0.368	13.96	43.8342	104.7683264	104.821910	1.074827	104.787382	
2010	106	800	106.333333333		04/16/2010 8:00	107.46	1.50948	0.34	17.42	0.368	13.86	43.8349	104.7681359	104.821719	1.074627	104.787182	
2010	106	900	106.375000000		04/16/2010 9:00	107.55	1.51075	0.34	17.42	0.368	13.75	43.8320	104.7689931	104.822576	1.075527	104.788082	
2010	106	1000	106.416666667		04/16/2010 10:00	107.64	1.51201	0.34	17.41	0.368	13.66	43.8292	104.7698504	104.823434	1.076427	104.788982	
2010	106	1100	106.458333333		04/16/2010 11:00	107.56	1.51089	0.34	17.43	0.368	13.58	43.8317	104.7690884	104.822672	1.075627	104.788182	
2010	106	1200	106.500000000		04/16/2010 12:00	107.59	1.51131	0.34	17.44	0.367	13.53	43.8308	104.7693741	104.822957	1.075927	104.788482	
2010	106	1300	106.541666667		04/16/2010 13:00	107.57	1.51103	0.339	17.44	0.367	13.49	43.8314	104.7691836	104.822767	1.075727	104.788282	
2010	106	1400	106.583333333		04/16/2010 14:00	107.55	1.51075	0.339	17.43	0.367	13.42	43.8320	104.7689931	104.822576	1.075527	104.788082	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	106	1500	106.625000000		04/16/2010 15:00	107.53	1.51046	0.339	17.43	0.367	13.43	43.8327	104.7688026	104.822386	1.075327	104.787882	
2010	106	1600	106.666666667		04/16/2010 16:00	107.62	1.51173	0.34	17.43	0.367	13.43	43.8299	104.7696599	104.823243	1.076227	104.788782	
2010	106	1700	106.708333333		04/16/2010 17:00	107.58	1.51117	0.339	17.43	0.367	13.46	43.8311	104.7692789	104.822862	1.075827	104.788382	
2010	106	1800	106.750000000		04/16/2010 18:00	107.43	1.50906	0.339	17.43	0.367	13.36	43.8358	104.7678501	104.821433	1.074326	104.786882	
2010	106	1900	106.791666667		04/16/2010 19:00	107.42	1.50892	0.339	17.42	0.367	13.24	43.8361	104.7677548	104.821338	1.074226	104.786782	
2010	106	2000	106.833333333		04/16/2010 20:00	107.47	1.50962	0.339	17.43	0.367	13.18	43.8345	104.7682311	104.821814	1.074727	104.787282	
2010	106	2100	106.875000000		04/16/2010 21:00	107.5	1.51004	0.339	17.43	0.367	13.11	43.8336	104.7685169	104.822100	1.075027	104.787582	
2010	106	2200	106.916666667		04/16/2010 22:00	107.57	1.51103	0.339	17.44	0.367	13.05	43.8314	104.7691836	104.822767	1.075727	104.788282	
2010	106	2300	106.958333333		04/16/2010 23:00	107.45	1.50934	0.339	17.4	0.367	13.01	43.8352	104.7680406	104.821624	1.074527	104.787082	
2010	106	2400	107.000000000		04/17/2010 0:00	107.49	1.50990	0.339	17.39	0.367	12.97	43.8339	104.7684216	104.822005	1.074927	104.787482	
2010	107	100	107.041666667		04/17/2010 1:00	107.5	1.51004	0.339	17.41	0.367	12.93	43.8336	104.7685169	104.822100	1.075027	104.787582	
2010	107	200	107.083333333		04/17/2010 2:00	107.5	1.51004	0.339	17.42	0.367	12.89	43.8336	104.7685169	104.822100	1.075027	104.787582	
2010	107	300	107.125000000		04/17/2010 3:00	107.55	1.51075	0.339	17.41	0.367	12.87	43.8320	104.7689931	104.822576	1.075527	104.788082	
2010	107	400	107.166666667		04/17/2010 4:00	107.63	1.51187	0.339	17.43	0.366	12.86	43.8295	104.7697551	104.823338	1.076327	104.788882	
2010	107	500	107.208333333		04/17/2010 5:00	107.65	1.51215	0.339	17.44	0.366	12.85	43.8289	104.7699456	104.823529	1.076527	104.789082	
2010	107	600	107.250000000		04/17/2010 6:00	107.66	1.51229	0.338	17.41	0.366	13.79	43.8286	104.7700409	104.823624	1.076627	104.789182	
2010	107	700	107.291666667		04/17/2010 7:00	107.8	1.51426	0.339	17.42	0.366	13.81	43.8242	104.7713744	104.824958	1.078027	104.790582	
2010	107	800	107.333333333		04/17/2010 8:00	107.86	1.51510	0.338	17.41	0.366	13.72	43.8224	104.7719459	104.825529	1.078627	104.791182	
2010	107	900	107.375000000		04/17/2010 9:00	107.92	1.51594	0.338	17.41	0.366	13.66	43.8205	104.7725174	104.826101	1.079227	104.791782	
2010	107	1000	107.416666667		04/17/2010 10:00	108.06	1.51791	0.338	17.41	0.366	13.57	43.8161	104.7738509	104.827434	1.080627	104.793182	
2010	107	1100	107.458333333		04/17/2010 11:00	108.16	1.51931	0.338	17.42	0.366	13.51	43.8130	104.7748034	104.828387	1.081627	104.794182	
2010	107	1200	107.500000000		04/17/2010 12:00	108.1	1.51847	0.338	17.42	0.366	13.5	43.8149	104.7742319	104.827815	1.081027	104.793582	
2010	107	1300	107.541666667		04/17/2010 13:00	108.25	1.52058	0.338	17.43	0.366	13.43	43.8102	104.7756606	104.829244	1.082527	104.795082	
2010	107	1400	107.583333333		04/17/2010 14:00	108.25	1.52058	0.338	17.44	0.366	13.42	43.8102	104.7756606	104.829244	1.082527	104.795082	
2010	107	1500	107.625000000		04/17/2010 15:00	108.28	1.52100	0.338	17.44	0.366	13.43	43.8092	104.7759464	104.829530	1.082827	104.795382	
2010	107	1600	107.666666667		04/17/2010 16:00	108.25	1.52058	0.338	17.43	0.366	13.43	43.8102	104.7756606	104.829244	1.082527	104.795082	
2010	107	1700	107.708333333		04/17/2010 17:00	108.24	1.52044	0.338	17.42	0.366	13.47	43.8105	104.7755654	104.829149	1.082427	104.794982	
2010	107	1800	107.750000000		04/17/2010 18:00	108.2	1.51988	0.338	17.43	0.365	13.47	43.8117	104.7751844	104.828768	1.082027	104.794582	
2010	107	1900	107.791666667		04/17/2010 19:00	108.16	1.51931	0.338	17.41	0.365	13.32	43.8130	104.7748034	104.828387	1.081627	104.794182	
2010	107	2000	107.833333333		04/17/2010 20:00	108.19	1.51974	0.338	17.44	0.365	13.24	43.8120	104.7750891	104.828672	1.081927	104.794482	
2010	107	2100	107.875000000		04/17/2010 21:00	108.15	1.51917	0.338	17.41	0.365	13.16	43.8133	104.7747081	104.828291	1.081527	104.794082	
2010	107	2200	107.916666667		04/17/2010 22:00	108.19	1.51974	0.337	17.41	0.365	13.12	43.8120	104.7750891	104.828672	1.081927	104.794482	
2010	107	2300	107.958333333		04/17/2010 23:00	108.14	1.51903	0.337	17.41	0.365	13.07	43.8136	104.7746129	104.828196	1.081427	104.793982	
2010	107	2400	108.000000000		04/18/2010 0:00	108.12	1.51875	0.337	17.42	0.365	13.02	43.8142	104.7744224	104.828006	1.081227	104.793782	
2010	108	100	108.041666667		04/18/2010 1:00	108.08	1.51819	0.338	17.44	0.365	12.98	43.8155	104.7740414	104.827625	1.080827	104.793382	
2010	108	200	108.083333333		04/18/2010 2:00	108.07	1.51805	0.337	17.42	0.365	12.94	43.8158	104.7739461	104.827529	1.080727	104.793282	
2010	108	300	108.125000000		04/18/2010 3:00	108.03	1.51749	0.337	17.41	0.365	12.9	43.8170	104.7735651	104.827148	1.080327	104.792882	
2010	108	400	108.166666667		04/18/2010 4:00	108.01	1.51721	0.337	17.43	0.365	12.87	43.8177	104.7733746	104.826958	1.080127	104.792682	
2010	108	500	108.208333333		04/18/2010 5:00	108.01	1.51721	0.337	17.4	0.365	12.85	43.8177	104.7733746	104.826958	1.080127	104.792682	
2010	108	600	108.250000000		04/18/2010 6:00	107.94	1.51622	0.337	17.41	0.365	13.96	43.8199	104.7727079	104.826291	1.079427	104.791982	
2010	108	700	108.291666667		04/18/2010 7:00	107.95	1.51636	0.337	17.41	0.365	13.9	43.8195	104.7728031	104.826386	1.079527	104.792082	
2010	108	800	108.333333333		04/18/2010 8:00	107.89	1.51552	0.337	17.41	0.365	13.8	43.8214	104.7722316	104.825815	1.078927	104.791482	
2010	108	900	108.375000000		04/18/2010 9:00	107.88	1.51538	0.337	17.44	0.365	13.68	43.8217	104.7721364	104.825720	1.078827	104.791382	
2010	108	1000	108.416666667		04/18/2010 10:00	107.88	1.51538	0.337	17.43	0.365	13.6	43.8217	104.7721364	104.825720	1.078827	104.791382	
2010	108	1100	108.458333333		04/18/2010 11:00	107.85	1.51496	0.337	17.42	0.365	13.55	43.8227	104.7718506	104.825434	1.078527	104.791082	
2010	108	1200	108.500000000		04/18/2010 12:00	107.82	1.51454	0.337	17.41	0.364	13.54	43.8236	104.7715649	104.825148	1.078227	104.790782	
2010	108	1300	108.541666667		04/18/2010 13:00	107.76	1.51370	0.337	17.41	0.364	13.49	43.8255	104.7709934	104.824577	1.077627	104.790182	
2010	108	1400	108.583333333		04/18/2010 14:00	107.74	1.51341	0.337	17.43	0.364	13.44	43.8261	104.7708029	104.824386	1.077427	104.789982	
2010	108	1500	108.625000000		04/18/2010 15:00	107.72	1.51313	0.337	17.43	0.364	13.41	43.8267	104.7706124	104.824196	1.077227	104.789782	
2010	108	1600	108.666666667		04/18/2010 16:00	107.68	1.51257	0.337	17.43	0.364	13.42	43.8280	104.7702314	104.823815	1.076827	104.789382	
2010	108	1700	108.708333333		04/18/2010 17:00	107.69	1.51271	0.337	17.42	0.364	13.43	43.8277	104.7703266	104.823910	1.076927	104.789482	
2010	108	1800	108.750000000		04/18/2010 18:00	107.68	1.51257	0.336	17.41	0.364	13.4	43.8280	104.7702314	104.823815	1.076827	104.789382	
2010	108	1900	108.791666667		04/18/2010 19:00	107.59	1.51131	0.336	17.41	0.364	13.28	43.8308	104.7693741	104.822957	1.075927	104.788482	
2010	108	2000	108.833333333		04/18/2010 20:00	107.61	1.51159	0.336	17.4	0.364	13.2	43.8302	104.7695646	104.823148	1.076127	104.788682	
2010	108	2100	108.875000000		04/18/2010 21:00	107.57	1.51103	0.336	17.44	0.364	13.14	43.8314	104.7691836	104.822767	1.075727	104.788282	
2010	108	2200	108.916666667		04/18/2010 22:00	107.58	1.51117	0.336	17.42	0.364	13.09	43.8311	104.7692789	104.822862	1.075827	104.788382	
2010	108	2300	108.958333333		04/18/2010 23:00	107.58	1.51117	0.336	17.41	0.364	13.03	43.8311	104.7692789	104.822862	1.075827	104.788382	
2010	108	2400	109.000000000		04/19/2010 0:00	107.55	1.51075	0.336	17.41	0.364	12.99	43.8320	104.7689931	104.822576	1.075527	104.788082	
2010	109	100	109.041666667		04/19/2010 1:00	107.58	1.51117	0.336	17.42	0.364	12.96	43.8311	104.7692789	104.822862	1.075827	104.788382	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	109	200	109.083333333		04/19/2010 2:00	107.57	1.51103	0.336	17.42	0.364	12.92	43.8314	104.7691836	104.822767	1.075727	104.788282	
2010	109	300	109.125000000		04/19/2010 3:00	107.53	1.51046	0.336	17.41	0.364	12.89	43.8327	104.7688026	104.822386	1.075327	104.787882	
2010	109	400	109.166666667		04/19/2010 4:00	107.58	1.51117	0.336	17.39	0.364	12.86	43.8311	104.7692789	104.822862	1.075827	104.788382	
2010	109	500	109.208333333		04/19/2010 5:00	107.59	1.51131	0.336	17.42	0.364	12.84	43.8308	104.7693741	104.822957	1.075927	104.788482	
2010	109	600	109.250000000		04/19/2010 6:00	107.5	1.51004	0.336	17.41	0.364	13.84	43.8336	104.7685169	104.822100	1.075027	104.787582	
2010	109	700	109.291666667		04/19/2010 7:00	107.5	1.51004	0.336	17.42	0.364	13.82	43.8336	104.7685169	104.822100	1.075027	104.787582	
2010	109	800	109.333333333		04/19/2010 8:00	107.52	1.51032	0.336	17.42	0.363	13.76	43.8330	104.7687074	104.822291	1.075227	104.787782	
2010	109	900	109.375000000		04/19/2010 9:00	107.52	1.51032	0.336	17.44	0.363	13.68	43.8330	104.7687074	104.822291	1.075227	104.787782	
2010	109	1000	109.416666667		04/19/2010 10:00	107.47	1.50962	0.336	17.43	0.363	13.6	43.8345	104.7682311	104.821814	1.074727	104.787282	
2010	109	1100	109.458333333		04/19/2010 11:00	107.45	1.50934	0.336	17.44	0.363	13.53	43.8352	104.7680406	104.821624	1.074527	104.787082	
2010	109	1200	109.500000000		04/19/2010 12:00	107.56	1.51089	0.335	17.43	0.363	13.51	43.8317	104.7690884	104.822672	1.075627	104.788182	
2010	109	1300	109.541666667		04/19/2010 13:00	107.47	1.50962	0.335	17.44	0.363	13.43	43.8345	104.7682311	104.821814	1.074727	104.787282	
2010	109	1400	109.583333333		04/19/2010 14:00	107.37	1.50822	0.335	17.45	0.363	13.37	43.8377	104.7672786	104.820862	1.073726	104.786282	
2010	109	1500	109.625000000		04/19/2010 15:00	107.42	1.50892	0.336	17.41	0.363	13.33	43.8361	104.7677548	104.821338	1.074226	104.786782	
2010	109	1600	109.666666667		04/19/2010 16:00	107.39	1.50850	0.335	17.45	0.363	13.33	43.8370	104.7674691	104.821052	1.073926	104.786482	
2010	109	1700	109.708333333		04/19/2010 17:00	107.38	1.50836	0.335	17.44	0.363	13.36	43.8374	104.7673738	104.820957	1.073826	104.786382	
2010	109	1800	109.750000000		04/19/2010 18:00	107.23	1.50625	0.335	17.43	0.363	13.38	43.8420	104.7659451	104.819528	1.072326	104.784882	
2010	109	1900	109.791666667		04/19/2010 19:00	107.19	1.50569	0.335	17.42	0.363	13.22	43.8433	104.7655641	104.819147	1.071926	104.784482	
2010	109	2000	109.833333333		04/19/2010 20:00	107.16	1.50527	0.335	17.42	0.363	13.14	43.8442	104.7652783	104.818862	1.071626	104.784182	
2010	109	2100	109.875000000		04/19/2010 21:00	107.14	1.50499	0.335	17.43	0.362	13.08	43.8449	104.7650878	104.818671	1.071426	104.783982	
2010	109	2200	109.916666667		04/19/2010 22:00	107.22	1.50611	0.335	17.45	0.362	13.03	43.8424	104.7658498	104.819433	1.072226	104.784782	
2010	109	2300	109.958333333		04/19/2010 23:00	107.36	1.50808	0.335	17.44	0.362	12.99	43.8380	104.7671833	104.820767	1.073626	104.786182	
2010	109	2400	110.000000000		04/20/2010 0:00	107.51	1.51018	0.335	17.41	0.362	12.95	43.8333	104.7686121	104.822195	1.075127	104.787682	
2010	110	100	110.041666667		04/20/2010 1:00	107.32	1.50752	0.335	17.43	0.362	12.91	43.8392	104.7668023	104.820386	1.073226	104.785782	
2010	110	200	110.083333333		04/20/2010 2:00	107.24	1.50639	0.335	17.44	0.362	12.89	43.8417	104.7660403	104.819624	1.072426	104.784982	
2010	110	300	110.125000000		04/20/2010 3:00	107.48	1.50976	0.335	17.42	0.362	12.89	43.8342	104.7683264	104.821910	1.074827	104.787382	
2010	110	400	110.166666667		04/20/2010 4:00	107.58	1.51117	0.335	17.41	0.362	12.88	43.8311	104.7692789	104.822862	1.075827	104.788382	
2010	110	500	110.208333333		04/20/2010 5:00	107.74	1.51341	0.335	17.43	0.362	12.89	43.8261	104.7708029	104.824386	1.077427	104.789982	
2010	110	600	110.250000000		04/20/2010 6:00	107.73	1.51327	0.334	17.43	0.362	13.71	43.8264	104.7707076	104.824291	1.077327	104.789882	
2010	110	700	110.291666667		04/20/2010 7:00	107.98	1.51679	0.334	17.42	0.362	13.7	43.8186	104.7730889	104.826672	1.079827	104.792382	
2010	110	800	110.333333333		04/20/2010 8:00	108.09	1.51833	0.334	17.43	0.362	13.61	43.8152	104.7741366	104.827720	1.080927	104.793482	
2010	110	900	110.375000000		04/20/2010 9:00	108.34	1.52184	0.334	17.44	0.362	13.54	43.8074	104.7765179	104.830101	1.083427	104.795982	
2010	110	1000	110.416666667		04/20/2010 10:00	108.54	1.52465	0.334	17.44	0.362	13.49	43.8011	104.7784229	104.832006	1.085427	104.797982	
2010	110	1100	110.458333333		04/20/2010 11:00	108.66	1.52634	0.334	17.45	0.362	13.47	43.7974	104.7795659	104.833149	1.086627	104.799182	
2010	110	1200	110.500000000		04/20/2010 12:00	108.96	1.53055	0.334	17.44	0.362	13.42	43.7880	104.7824234	104.836007	1.089627	104.802182	
2010	110	1300	110.541666667		04/20/2010 13:00	109.19	1.53378	0.334	17.45	0.362	13.41	43.7808	104.7846142	104.838197	1.091927	104.804483	
2010	110	1400	110.583333333		04/20/2010 14:00	109.41	1.53687	0.334	17.44	0.362	13.41	43.7739	104.7867097	104.840293	1.094127	104.806683	
2010	110	1500	110.625000000		04/20/2010 15:00	109.73	1.54137	0.334	17.43	0.362	13.43	43.7639	104.7897577	104.843341	1.097327	104.809883	
2010	110	1600	110.666666667		04/20/2010 16:00	109.9	1.54376	0.334	17.45	0.362	13.47	43.7586	104.791377	104.844960	1.099027	104.811583	
2010	110	1700	110.708333333		04/20/2010 17:00	110.12	1.54685	0.334	17.43	0.361	13.47	43.7517	104.7934725	104.847056	1.101227	104.813783	
2010	110	1800	110.750000000		04/20/2010 18:00	110.36	1.55022	0.334	17.42	0.361	13.37	43.7442	104.7957585	104.849342	1.103627	104.816183	
2010	110	1900	110.791666667		04/20/2010 19:00	110.59	1.55345	0.334	17.43	0.361	13.26	43.7370	104.7979493	104.851533	1.105927	104.818483	
2010	110	2000	110.833333333		04/20/2010 20:00	110.63	1.55401	0.334	17.43	0.361	13.18	43.7358	104.7983303	104.851914	1.106327	104.818883	
2010	110	2100	110.875000000		04/20/2010 21:00	110.86	1.55724	0.334	17.44	0.361	13.12	43.7286	104.800521	104.854104	1.108627	104.821183	
2010	110	2200	110.916666667		04/20/2010 22:00	111.13	1.56103	0.334	17.41	0.361	13.08	43.7202	104.8030928	104.856676	1.111327	104.823883	
2010	110	2300	110.958333333		04/20/2010 23:00	111.5	1.56623	0.334	17.42	0.361	13.03	43.7086	104.8066171	104.860200	1.115027	104.827583	
2010	110	2400	111.000000000		04/21/2010 0:00	111.6	1.56764	0.334	17.44	0.361	12.99	43.7055	104.8075696	104.861153	1.116028	104.828583	
2010	111	100	111.041666667		04/21/2010 1:00	111.69	1.56890	0.334	17.43	0.361	12.95	43.7027	104.8084268	104.862010	1.116928	104.829483	
2010	111	200	111.083333333		04/21/2010 2:00	111.88	1.57157	0.334	17.42	0.361	12.93	43.6967	104.8102366	104.863820	1.118828	104.831383	
2010	111	300	111.125000000		04/21/2010 3:00	112.03	1.57368	0.334	17.44	0.361	12.89	43.6920	104.8116653	104.865249	1.120328	104.832883	
2010	111	400	111.166666667		04/21/2010 4:00	112.21	1.57620	0.334	17.43	0.361	12.88	43.6864	104.8133799	104.866963	1.122128	104.834683	
2010	111	500	111.208333333		04/21/2010 5:00	112.38	1.57859	0.334	17.44	0.361	12.87	43.6811	104.8149991	104.868582	1.123828	104.836383	
2010	111	600	111.250000000		04/21/2010 6:00	112.45	1.57958	0.334	17.41	0.361	13.32	43.6789	104.8156659	104.869249	1.124528	104.837083	
2010	111	700	111.291666667		04/21/2010 7:00	112.58	1.58140	0.334	17.43	0.361	13.37	43.6749	104.8169041	104.870487	1.125828	104.838383	
2010	111	800	111.333333333		04/21/2010 8:00	112.8	1.58449	0.334	17.42	0.361	13.79	43.6680	104.8189996	104.872583	1.128028	104.840583	
2010	111	900	111.375000000		04/21/2010 9:00	112.73	1.58351	0.334	17.42	0.361	13.78	43.6702	104.8183329	104.871916	1.127328	104.839883	
2010	111	1000	111.416666667		04/21/2010 10:00	112.89	1.58576	0.334	17.41	0.361	13.74	43.6652	104.8198569	104.873440	1.128928	104.841483	
2010	111	1100	111.458333333		04/21/2010 11:00	113.07	1.58828	0.334	17.42	0.361	13.7	43.6595	104.8215714	104.875155	1.130728	104.843283	
2010	111	1200	111.500000000		04/21/2010 12:00	113.02	1.58758	0.333	17.42	0.361	13.68	43.6611	104.8210951	104.874678	1.130228	104.842783	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	111	1300	111.541666667		04/21/2010 13:00	113.02	1.58758	0.333	17.42	0.361	13.63	43.6611	104.8210951	104.874678	1.130228	104.842783	
2010	111	1400	111.583333333		04/21/2010 14:00	113.17	1.58969	0.333	17.44	0.361	13.6	43.6564	104.8225239	104.876107	1.131728	104.844283	
2010	111	1500	111.625000000		04/21/2010 15:00	113.2	1.59011	0.333	17.44	0.361	13.58	43.6555	104.8228097	104.876393	1.132028	104.844583	
2010	111	1600	111.666666667		04/21/2010 16:00	113.28	1.59123	0.333	17.43	0.36	13.59	43.6530	104.8235717	104.877155	1.132828	104.845384	
2010	111	1700	111.708333333		04/21/2010 17:00	113.45	1.59362	0.333	17.44	0.361	13.59	43.6477	104.8251909	104.878774	1.134528	104.847084	
2010	111	1800	111.750000000		04/21/2010 18:00	113.43	1.59334	0.333	17.43	0.361	13.63	43.6483	104.8250004	104.878584	1.134328	104.846884	
2010	111	1900	111.791666667		04/21/2010 19:00	113.55	1.59503	0.334	17.44	0.361	13.45	43.6445	104.8261434	104.879727	1.135528	104.848084	
2010	111	2000	111.833333333		04/21/2010 20:00	113.76	1.59798	0.334	17.42	0.361	13.36	43.6380	104.8281437	104.881727	1.137628	104.850184	
2010	111	2100	111.875000000		04/21/2010 21:00	114	1.60135	0.334	17.42	0.361	13.29	43.6305	104.8304297	104.884013	1.140028	104.852584	
2010	111	2200	111.916666667		04/21/2010 22:00	114.11	1.60289	0.334	17.43	0.361	13.23	43.6270	104.8314775	104.885061	1.141128	104.853684	
2010	111	2300	111.958333333		04/21/2010 23:00	114.27	1.60514	0.334	17.43	0.361	13.17	43.6220	104.8330015	104.886585	1.142728	104.855284	
2010	111	2400	112.000000000		04/22/2010 0:00	114.47	1.60795	0.334	17.42	0.361	13.13	43.6158	104.8349065	104.888490	1.144728	104.857284	
2010	112	100	112.041666667		04/22/2010 1:00	114.78	1.61231	0.334	17.42	0.361	13.08	43.6061	104.8378592	104.891443	1.147828	104.860384	
2010	112	200	112.083333333		04/22/2010 2:00	114.96	1.61483	0.334	17.43	0.361	13.05	43.6005	104.8395738	104.893157	1.149628	104.862184	
2010	112	300	112.125000000		04/22/2010 3:00	115.19	1.61806	0.334	17.42	0.361	13	43.5933	104.8417645	104.895348	1.151928	104.864484	
2010	112	400	112.166666667		04/22/2010 4:00	115.4	1.62101	0.334	17.44	0.361	12.96	43.5867	104.8437648	104.897348	1.154028	104.866584	
2010	112	500	112.208333333		04/22/2010 5:00	115.65	1.62453	0.334	17.42	0.361	12.93	43.5789	104.846146	104.899729	1.156529	104.869084	
2010	112	600	112.250000000		04/22/2010 6:00	115.84	1.62719	0.334	17.43	0.361	12.9	43.5730	104.8479558	104.901539	1.158429	104.870984	
2010	112	700	112.291666667		04/22/2010 7:00	116.08	1.63057	0.334	17.42	0.361	12.95	43.5655	104.8502418	104.903825	1.160829	104.873384	
2010	112	800	112.333333333		04/22/2010 8:00	116.34	1.63422	0.334	17.44	0.361	13.82	43.5574	104.8527183	104.906302	1.163429	104.875984	
2010	112	900	112.375000000		04/22/2010 9:00	116.54	1.63703	0.333	17.44	0.361	13.75	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	112	1000	112.416666667		04/22/2010 10:00	116.74	1.63984	0.334	17.43	0.361	13.67	43.5449	104.8565283	104.910112	1.167429	104.879984	
2010	112	1100	112.458333333		04/22/2010 11:00	116.99	1.64335	0.333	17.42	0.361	13.61	43.5370	104.8589096	104.912493	1.169929	104.882484	
2010	112	1200	112.500000000		04/22/2010 12:00	117.15	1.64560	0.333	17.44	0.361	13.6	43.5320	104.8604336	104.914017	1.171529	104.884084	
2010	112	1300	112.541666667		04/22/2010 13:00	117.85	1.65543	0.333	17.43	0.361	13.52	43.5102	104.8671012	104.920684	1.178529	104.891085	
2010	112	1400	112.583333333		04/22/2010 14:00	117.63	1.65234	0.333	17.41	0.361	13.45	43.5170	104.8650056	104.918589	1.176329	104.888885	
2010	112	1500	112.625000000		04/22/2010 15:00	117.95	1.65683	0.334	17.45	0.361	13.43	43.5070	104.8680537	104.921637	1.179529	104.892085	
2010	112	1600	112.666666667		04/22/2010 16:00	118.13	1.65936	0.334	17.44	0.361	13.44	43.5014	104.8697682	104.923351	1.181329	104.893885	
2010	112	1700	112.708333333		04/22/2010 17:00	118.32	1.66203	0.334	17.43	0.361	13.46	43.4955	104.8715779	104.925161	1.183229	104.895785	
2010	112	1800	112.750000000		04/22/2010 18:00	118.6	1.66596	0.334	17.44	0.361	13.37	43.4867	104.8742449	104.927828	1.186029	104.898585	
2010	112	1900	112.791666667		04/22/2010 19:00	118.88	1.66990	0.333	17.42	0.361	13.26	43.4780	104.876912	104.930495	1.188829	104.901385	
2010	112	2000	112.833333333		04/22/2010 20:00	118.96	1.67102	0.333	17.43	0.361	13.2	43.4755	104.877674	104.931257	1.189629	104.902185	
2010	112	2100	112.875000000		04/22/2010 21:00	119.45	1.67790	0.333	17.44	0.361	13.14	43.4602	104.8823412	104.935925	1.194529	104.907085	
2010	112	2200	112.916666667		04/22/2010 22:00	119.53	1.67903	0.333	17.43	0.361	13.09	43.4577	104.8831032	104.936687	1.195329	104.907885	
2010	112	2300	112.958333333		04/22/2010 23:00	119.67	1.68099	0.333	17.44	0.361	13.05	43.4533	104.8844368	104.938020	1.196730	104.909285	
2010	112	2400	113.000000000		04/23/2010 0:00	119.83	1.68324	0.333	17.42	0.361	13	43.4483	104.8859608	104.939544	1.198330	104.910885	
2010	113	100	113.041666667		04/23/2010 1:00	120.15	1.68774	0.334	17.43	0.361	12.96	43.4383	104.8890088	104.942592	1.201530	104.914085	
2010	113	200	113.083333333		04/23/2010 2:00	120.28	1.68956	0.334	17.4	0.361	12.93	43.4342	104.890247	104.943830	1.202830	104.915385	
2010	113	300	113.125000000		04/23/2010 3:00	120.5	1.69265	0.334	17.4	0.361	12.9	43.4274	104.8923425	104.945926	1.205030	104.917585	
2010	113	400	113.166666667		04/23/2010 4:00	120.72	1.69574	0.334	17.43	0.361	12.87	43.4205	104.8944381	104.948021	1.207230	104.919785	
2010	113	500	113.208333333		04/23/2010 5:00	120.85	1.69757	0.334	17.41	0.361	12.85	43.4164	104.8956763	104.949260	1.208530	104.921085	
2010	113	600	113.250000000		04/23/2010 6:00	121	1.69968	0.334	17.44	0.361	13.96	43.4117	104.8971051	104.950688	1.210030	104.922585	
2010	113	700	113.291666667		04/23/2010 7:00	121.18	1.70221	0.333	17.43	0.361	13.9	43.4061	104.8988196	104.952403	1.211830	104.924385	
2010	113	800	113.333333333		04/23/2010 8:00	121.35	1.70459	0.333	17.42	0.361	13.81	43.4008	104.9004388	104.954022	1.213530	104.926086	
2010	113	900	113.375000000		04/23/2010 9:00	121.51	1.70684	0.333	17.42	0.361	13.72	43.3958	104.9019629	104.955546	1.215130	104.927686	
2010	113	1000	113.416666667		04/23/2010 10:00	121.78	1.71063	0.333	17.41	0.361	13.66	43.3874	104.9045346	104.958118	1.217830	104.930386	
2010	113	1100	113.458333333		04/23/2010 11:00	122.03	1.71415	0.333	17.42	0.361	13.62	43.3795	104.9069159	104.960499	1.220330	104.932886	
2010	113	1200	113.500000000		04/23/2010 12:00	122.25	1.71724	0.333	17.42	0.361	13.63	43.3727	104.9090114	104.962595	1.222530	104.935086	
2010	113	1300	113.541666667		04/23/2010 13:00	122.57	1.72173	0.333	17.43	0.361	13.58	43.3627	104.9120594	104.965643	1.225730	104.938286	
2010	113	1400	113.583333333		04/23/2010 14:00	122.86	1.72580	0.333	17.44	0.361	13.54	43.3536	104.9148217	104.968405	1.228630	104.941186	
2010	113	1500	113.625000000		04/23/2010 15:00	123.23	1.73100	0.333	17.44	0.361	13.5	43.3420	104.9183459	104.971929	1.232330	104.944886	
2010	113	1600	113.666666667		04/23/2010 16:00	123.55	1.73550	0.333	17.42	0.361	13.51	43.3320	104.921394	104.974977	1.235530	104.948086	
2010	113	1700	113.708333333		04/23/2010 17:00	123.97	1.74140	0.333	17.43	0.361	13.55	43.3189	104.9253945	104.978978	1.239731	104.952286	
2010	113	1800	113.750000000		04/23/2010 18:00	124.24	1.74519	0.333	17.42	0.361	13.54	43.3105	104.9279662	104.981550	1.242431	104.954986	
2010	113	1900	113.791666667		04/23/2010 19:00	124.54	1.74940	0.333	17.41	0.361	13.39	43.3011	104.9308238	104.984407	1.245431	104.957986	
2010	113	2000	113.833333333		04/23/2010 20:00	124.84	1.75362	0.333	17.42	0.361	13.3	43.2917	104.9336813	104.987265	1.248431	104.960986	
2010	113	2100	113.875000000		04/23/2010 21:00	125.13	1.75769	0.333	17.42	0.361	13.24	43.2827	104.9364435	104.990027	1.251331	104.963886	
2010	113	2200	113.916666667		04/23/2010 22:00	125.49	1.76275	0.333	17.43	0.361	13.18	43.2714	104.9398726	104.993456	1.254931	104.967487	
2010	113	2300	113.958333333		04/23/2010 23:00	125.67	1.76528	0.333	17.43	0.361	13.12	43.2658	104.9415871	104.995170	1.256731	104.969287	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	113	2400	114.000000000		04/24/2010 0:00	125.95	1.76921	0.334	17.42	0.361	13.07	43.2570	104.9442541	104.997837	1.259531	104.972087	
2010	114	100	114.041666667		04/24/2010 1:00	126.2	1.77272	0.334	17.42	0.361	13.03	43.2492	104.9466354	105.000219	1.262031	104.974587	
2010	114	200	114.083333333		04/24/2010 2:00	126.49	1.77679	0.334	17.43	0.361	12.99	43.2402	104.9493976	105.002981	1.264931	104.977487	
2010	114	300	114.125000000		04/24/2010 3:00	126.77	1.78073	0.334	17.42	0.361	12.95	43.2314	104.9520646	105.005648	1.267731	104.980287	
2010	114	400	114.166666667		04/24/2010 4:00	127.04	1.78452	0.334	17.42	0.361	12.92	43.2230	104.9546364	105.008220	1.270431	104.982987	
2010	114	500	114.208333333		04/24/2010 5:00	127.3	1.78817	0.334	17.42	0.361	12.88	43.2149	104.9571129	105.010696	1.273031	104.985587	
2010	114	600	114.250000000		04/24/2010 6:00	127.59	1.79225	0.334	17.44	0.361	13.53	43.2058	104.9598752	105.013458	1.275931	104.988487	
2010	114	700	114.291666667		04/24/2010 7:00	127.91	1.79674	0.334	17.43	0.361	13.9	43.1958	104.9629232	105.016506	1.279132	104.991687	
2010	114	800	114.333333333		04/24/2010 8:00	128.16	1.80025	0.334	17.45	0.361	13.84	43.1880	104.9653045	105.018888	1.281632	104.994187	
2010	114	900	114.375000000		04/24/2010 9:00	128.46	1.80447	0.334	17.44	0.361	13.76	43.1786	104.968162	105.021745	1.284632	104.997187	
2010	114	1000	114.416666667		04/24/2010 10:00	128.92	1.81093	0.334	17.42	0.361	13.72	43.1642	104.9725435	105.026127	1.289232	105.001787	
2010	114	1100	114.458333333		04/24/2010 11:00	129.18	1.81458	0.334	17.45	0.361	13.68	43.1561	104.97502	105.028603	1.291832	105.004387	
2010	114	1200	114.500000000		04/24/2010 12:00	129.42	1.81795	0.334	17.46	0.361	13.69	43.1486	104.977306	105.030889	1.294232	105.006787	
2010	114	1300	114.541666667		04/24/2010 13:00	129.47	1.81865	0.334	17.45	0.361	13.64	43.1470	104.9777823	105.031366	1.294732	105.007288	
2010	114	1400	114.583333333		04/24/2010 14:00	129.7	1.82189	0.334	17.45	0.361	13.6	43.1399	104.979973	105.033556	1.297032	105.009588	
2010	114	1500	114.625000000		04/24/2010 15:00	130.03	1.82652	0.334	17.46	0.361	13.62	43.1295	104.9831163	105.036700	1.300332	105.012888	
2010	114	1600	114.666666667		04/24/2010 16:00	130.17	1.82849	0.334	17.48	0.361	13.62	43.1252	104.9844498	105.038033	1.301732	105.014288	
2010	114	1700	114.708333333		04/24/2010 17:00	130.5	1.83312	0.334	17.46	0.361	13.62	43.1149	104.9875931	105.041176	1.305032	105.017588	
2010	114	1800	114.750000000		04/24/2010 18:00	130.5	1.83312	0.334	17.47	0.361	13.65	43.1149	104.9875931	105.041176	1.305032	105.017588	
2010	114	1900	114.791666667		04/24/2010 19:00	130.59	1.83439	0.334	17.46	0.361	13.47	43.1120	104.9884503	105.042034	1.305932	105.018488	
2010	114	2000	114.833333333		04/24/2010 20:00	130.79	1.83720	0.334	17.48	0.361	13.38	43.1058	104.9903553	105.043939	1.307932	105.020488	
2010	114	2100	114.875000000		04/24/2010 21:00	130.79	1.83720	0.334	17.48	0.361	13.31	43.1058	104.9903553	105.043939	1.307932	105.020488	
2010	114	2200	114.916666667		04/24/2010 22:00	130.87	1.83832	0.334	17.49	0.361	13.25	43.1033	104.9911174	105.044701	1.308732	105.021288	
2010	114	2300	114.958333333		04/24/2010 23:00	130.89	1.83860	0.334	17.48	0.362	13.2	43.1027	104.9913079	105.044891	1.308932	105.021488	
2010	114	2400	115.000000000		04/25/2010 0:00	131.03	1.84057	0.334	17.47	0.362	13.16	43.0983	104.9926414	105.046225	1.310332	105.022888	
2010	115	100	115.041666667		04/25/2010 1:00	131.01	1.84029	0.334	17.49	0.362	13.11	43.0989	104.9924509	105.046034	1.310132	105.022688	
2010	115	200	115.083333333		04/25/2010 2:00	131.06	1.84099	0.334	17.49	0.362	13.06	43.0974	104.9929271	105.046510	1.310632	105.023188	
2010	115	300	115.125000000		04/25/2010 3:00	131	1.84015	0.334	17.49	0.361	13.02	43.0992	104.9923556	105.045939	1.310032	105.022588	
2010	115	400	115.166666667		04/25/2010 4:00	131.01	1.84029	0.334	17.49	0.361	12.98	43.0989	104.9924509	105.046034	1.310132	105.022688	
2010	115	500	115.208333333		04/25/2010 5:00	131.02	1.84043	0.334	17.48	0.362	12.94	43.0986	104.9925461	105.046129	1.310232	105.022788	
2010	115	600	115.250000000		04/25/2010 6:00	131	1.84015	0.334	17.5	0.362	13.98	43.0992	104.9923556	105.045939	1.310032	105.022588	
2010	115	700	115.291666667		04/25/2010 7:00	130.94	1.83930	0.334	17.48	0.361	13.94	43.1011	104.9917841	105.045367	1.309432	105.021988	
2010	115	800	115.333333333		04/25/2010 8:00	130.98	1.83987	0.334	17.5	0.361	13.85	43.0999	104.9921651	105.045748	1.309832	105.022388	
2010	115	900	115.375000000		04/25/2010 9:00	130.98	1.83987	0.334	17.51	0.361	13.78	43.0999	104.9921651	105.045748	1.309832	105.022388	
2010	115	1000	115.416666667		04/25/2010 10:00	130.98	1.83987	0.334	17.51	0.362	13.71	43.0999	104.9921651	105.045748	1.309832	105.022388	
2010	115	1100	115.458333333		04/25/2010 11:00	131	1.84015	0.334	17.5	0.361	13.68	43.0992	104.9923556	105.045939	1.310032	105.022588	
2010	115	1200	115.500000000		04/25/2010 12:00	131.01	1.84029	0.334	17.51	0.361	13.68	43.0989	104.9924509	105.046034	1.310132	105.022688	
2010	115	1300	115.541666667		04/25/2010 13:00	131.06	1.84099	0.334	17.51	0.362	13.62	43.0974	104.9929271	105.046510	1.310632	105.023188	
2010	115	1400	115.583333333		04/25/2010 14:00	131.01	1.84029	0.334	17.53	0.361	13.58	43.0989	104.9924509	105.046034	1.310132	105.022688	
2010	115	1500	115.625000000		04/25/2010 15:00	130.99	1.84001	0.334	17.52	0.361	13.56	43.0995	104.9922604	105.045844	1.309932	105.022488	
2010	115	1600	115.666666667		04/25/2010 16:00	130.94	1.83930	0.334	17.52	0.362	13.6	43.1011	104.9917841	105.045367	1.309432	105.021988	
2010	115	1700	115.708333333		04/25/2010 17:00	130.91	1.83888	0.334	17.51	0.362	13.61	43.1020	104.9914984	105.045082	1.309132	105.021688	
2010	115	1800	115.750000000		04/25/2010 18:00	130.87	1.83832	0.335	17.51	0.362	13.62	43.1033	104.9911174	105.044701	1.308732	105.021288	
2010	115	1900	115.791666667		04/25/2010 19:00	130.8	1.83734	0.334	17.52	0.362	13.47	43.1055	104.9904506	105.044034	1.308032	105.020588	
2010	115	2000	115.833333333		04/25/2010 20:00	130.75	1.83663	0.335	17.52	0.362	13.38	43.1070	104.9899743	105.043558	1.307532	105.020088	
2010	115	2100	115.875000000		04/25/2010 21:00	130.68	1.83565	0.334	17.52	0.362	13.31	43.1092	104.9893076	105.042891	1.306832	105.019388	
2010	115	2200	115.916666667		04/25/2010 22:00	130.51	1.83326	0.335	17.52	0.362	13.26	43.1145	104.9876883	105.041272	1.305132	105.017688	
2010	115	2300	115.958333333		04/25/2010 23:00	130.47	1.83270	0.334	17.52	0.362	13.2	43.1158	104.9873073	105.040891	1.304732	105.017288	
2010	115	2400	116.000000000		04/26/2010 0:00	130.31	1.83045	0.335	17.53	0.362	13.16	43.1208	104.9857833	105.039367	1.303132	105.015688	
2010	116	100	116.041666667		04/26/2010 1:00	130.16	1.82835	0.335	17.5	0.362	13.11	43.1255	104.9843546	105.037938	1.301632	105.014188	
2010	116	200	116.083333333		04/26/2010 2:00	130.04	1.82666	0.334	17.51	0.362	13.06	43.1292	104.9832116	105.036795	1.300432	105.012988	
2010	116	300	116.125000000		04/26/2010 3:00	129.87	1.82427	0.334	17.53	0.361	13.03	43.1345	104.9815923	105.035176	1.298732	105.011288	
2010	116	400	116.166666667		04/26/2010 4:00	129.6	1.82048	0.334	17.52	0.361	12.98	43.1430	104.9790205	105.032604	1.296032	105.008588	
2010	116	500	116.208333333		04/26/2010 5:00	129.61	1.82062	0.335	17.52	0.362	12.95	43.1427	104.9791158	105.032699	1.296132	105.008688	
2010	116	600	116.250000000		04/26/2010 6:00	129.39	1.81753	0.334	17.52	0.361	13.28	43.1495	104.9770203	105.030604	1.293932	105.006487	
2010	116	700	116.291666667		04/26/2010 7:00	129.25	1.81556	0.334	17.54	0.361	13.96	43.1539	104.9756868	105.029270	1.292532	105.005087	
2010	116	800	116.333333333		04/26/2010 8:00	129.12	1.81374	0.335	17.53	0.362	13.87	43.1580	104.9744485	105.028032	1.291232	105.003787	
2010	116	900	116.375000000		04/26/2010 9:00	129.03	1.81247	0.335	17.53	0.362	13.78	43.1608	104.9735913	105.027175	1.290332	105.002887	
2010	116	1000	116.416666667		04/26/2010 10:00	128.87	1.81023	0.334	17.51	0.362	13.74	43.1658	104.9720672	105.025651	1.288732	105.001287	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	116	1100	116.458333333		04/26/2010 11:00	128.86	1.81009	0.335	17.51	0.362	13.66	43.1661	104.971972	105.025555	1.288632	105.001187	
2010	116	1200	116.500000000		04/26/2010 12:00	128.76	1.80868	0.334	17.52	0.362	13.62	43.1692	104.9710195	105.024603	1.287632	105.000187	
2010	116	1300	116.541666667		04/26/2010 13:00	128.76	1.80868	0.334	17.51	0.362	13.58	43.1692	104.9710195	105.024603	1.287632	105.000187	
2010	116	1400	116.583333333		04/26/2010 14:00	128.59	1.80629	0.335	17.51	0.362	13.57	43.1745	104.9694002	105.022983	1.285932	104.998487	
2010	116	1500	116.625000000		04/26/2010 15:00	128.54	1.80559	0.335	17.51	0.362	13.57	43.1761	104.968924	105.022507	1.285432	104.997987	
2010	116	1600	116.666666667		04/26/2010 16:00	128.53	1.80545	0.335	17.51	0.362	13.6	43.1764	104.9688287	105.022412	1.285332	104.997887	
2010	116	1700	116.708333333		04/26/2010 17:00	128.26	1.80166	0.335	17.5	0.362	13.51	43.1849	104.966257	105.019840	1.282632	104.995187	
2010	116	1800	116.750000000		04/26/2010 18:00	128.43	1.80405	0.335	17.51	0.362	13.39	43.1795	104.9678762	105.021459	1.284332	104.996887	
2010	116	1900	116.791666667		04/26/2010 19:00	128.63	1.80685	0.334	17.51	0.362	13.3	43.1733	104.9697812	105.023364	1.286332	104.998887	
2010	116	2000	116.833333333		04/26/2010 20:00	128.47	1.80461	0.335	17.5	0.362	13.23	43.1783	104.9682572	105.021840	1.284732	104.997287	
2010	116	2100	116.875000000		04/26/2010 21:00	128.53	1.80545	0.334	17.5	0.362	13.18	43.1764	104.9688287	105.022412	1.285332	104.997887	
2010	116	2200	116.916666667		04/26/2010 22:00	128.68	1.80756	0.335	17.51	0.362	13.12	43.1717	104.9702575	105.023841	1.286832	104.999387	
2010	116	2300	116.958333333		04/26/2010 23:00	128.68	1.80756	0.334	17.5	0.362	13.07	43.1717	104.9702575	105.023841	1.286832	104.999387	
2010	116	2400	117.000000000		04/27/2010 0:00	128.87	1.81023	0.334	17.49	0.362	13.03	43.1658	104.9720672	105.025651	1.288732	105.001287	
2010	117	100	117.041666667		04/27/2010 1:00	129.02	1.81233	0.335	17.51	0.362	12.98	43.1611	104.973496	105.027079	1.290232	105.002787	
2010	117	200	117.083333333		04/27/2010 2:00	129.19	1.81472	0.335	17.51	0.362	12.95	43.1558	104.9751153	105.028699	1.291932	105.004487	
2010	117	300	117.125000000		04/27/2010 3:00	129.42	1.81795	0.334	17.5	0.362	12.91	43.1486	104.977306	105.030889	1.294232	105.006787	
2010	117	400	117.166666667		04/27/2010 4:00	129.58	1.82020	0.335	17.5	0.362	12.89	43.1436	104.97883	105.032413	1.295832	105.008388	
2010	117	500	117.208333333		04/27/2010 5:00	129.78	1.82301	0.334	17.5	0.362	12.87	43.1374	104.980735	105.034318	1.297832	105.010388	
2010	117	600	117.250000000		04/27/2010 6:00	130.01	1.82624	0.334	17.51	0.361	12.86	43.1302	104.9829258	105.036509	1.300132	105.012688	
2010	117	700	117.291666667		04/27/2010 7:00	130.25	1.82961	0.334	17.5	0.362	13.19	43.1227	104.9852118	105.038795	1.302532	105.015088	
2010	117	800	117.333333333		04/27/2010 8:00	130.42	1.83200	0.334	17.51	0.362	13.82	43.1174	104.9868311	105.040414	1.304232	105.016788	
2010	117	900	117.375000000		04/27/2010 9:00	130.72	1.83621	0.334	17.51	0.362	13.83	43.1080	104.9896886	105.043272	1.307232	105.019788	
2010	117	1000	117.416666667		04/27/2010 10:00	130.88	1.83846	0.334	17.5	0.362	13.81	43.1030	104.9912126	105.044796	1.308832	105.021388	
2010	117	1100	117.458333333		04/27/2010 11:00	130.99	1.84001	0.334	17.5	0.362	13.74	43.0995	104.9922604	105.045844	1.309932	105.022488	
2010	117	1200	117.500000000		04/27/2010 12:00	131.23	1.84338	0.334	17.51	0.362	13.72	43.0920	104.9945464	105.048130	1.312332	105.024888	
2010	117	1300	117.541666667		04/27/2010 13:00	131.4	1.84576	0.334	17.49	0.361	13.68	43.0867	104.9961656	105.049749	1.314032	105.026588	
2010	117	1400	117.583333333		04/27/2010 14:00	131.59	1.84843	0.334	17.51	0.361	13.6	43.0808	104.9979754	105.051559	1.315932	105.028488	
2010	117	1500	117.625000000		04/27/2010 15:00	131.68	1.84970	0.334	17.5	0.362	13.55	43.0780	104.9988326	105.052416	1.316832	105.029388	
2010	117	1600	117.666666667		04/27/2010 16:00	131.84	1.85195	0.334	17.49	0.362	13.55	43.0730	105.0003567	105.053940	1.318433	105.030988	
2010	117	1700	117.708333333		04/27/2010 17:00	131.96	1.85363	0.334	17.51	0.362	13.59	43.0692	105.0014997	105.055083	1.319633	105.032188	
2010	117	1800	117.750000000		04/27/2010 18:00	132.2	1.85700	0.335	17.5	0.362	13.51	43.0617	105.0037857	105.057369	1.322033	105.034588	
2010	117	1900	117.791666667		04/27/2010 19:00	132.31	1.85855	0.335	17.5	0.362	13.39	43.0583	105.0048334	105.058417	1.323133	105.035688	
2010	117	2000	117.833333333		04/27/2010 20:00	132.45	1.86051	0.334	17.51	0.362	13.32	43.0539	105.0061669	105.059750	1.324533	105.037088	
2010	117	2100	117.875000000		04/27/2010 21:00	132.5	1.86122	0.335	17.51	0.362	13.25	43.0524	105.0066432	105.060226	1.325033	105.037588	
2010	117	2200	117.916666667		04/27/2010 22:00	132.74	1.86459	0.334	17.5	0.362	13.2	43.0449	105.0089292	105.062512	1.327433	105.039988	
2010	117	2300	117.958333333		04/27/2010 23:00	133.02	1.86852	0.335	17.53	0.362	13.14	43.0361	105.0115962	105.065179	1.330233	105.042788	
2010	117	2400	118.000000000		04/28/2010 0:00	133.34	1.87302	0.334	17.51	0.362	13.09	43.0261	105.0146442	105.068227	1.333433	105.045988	
2010	118	100	118.041666667		04/28/2010 1:00	133.69	1.87793	0.335	17.52	0.362	13.05	43.0152	105.017978	105.071561	1.336933	105.049489	
2010	118	200	118.083333333		04/28/2010 2:00	134.06	1.88313	0.335	17.5	0.362	13.01	43.0036	105.0215023	105.075086	1.340633	105.053189	
2010	118	300	118.125000000		04/28/2010 3:00	134.39	1.88777	0.335	17.52	0.362	12.97	42.9933	105.0246455	105.078229	1.343933	105.056489	
2010	118	400	118.166666667		04/28/2010 4:00	134.75	1.89282	0.335	17.5	0.362	12.94	42.9820	105.0280746	105.081658	1.347533	105.060089	
2010	118	500	118.208333333		04/28/2010 5:00	135.18	1.89886	0.335	17.51	0.362	12.9	42.9686	105.0321703	105.085754	1.351833	105.064389	
2010	118	600	118.250000000		04/28/2010 6:00	135.5	1.90336	0.335	17.49	0.362	13.94	42.9586	105.0352184	105.088802	1.355033	105.067589	
2010	118	700	118.291666667		04/28/2010 7:00	135.9	1.90898	0.335	17.52	0.362	13.93	42.9461	105.0390284	105.092612	1.359034	105.071589	
2010	118	800	118.333333333		04/28/2010 8:00	136.25	1.91389	0.335	17.53	0.362	13.86	42.9352	105.0423621	105.095945	1.362534	105.075089	
2010	118	900	118.375000000		04/28/2010 9:00	136.62	1.91909	0.335	17.53	0.362	13.79	42.9236	105.0458864	105.099470	1.366234	105.078789	
2010	118	1000	118.416666667		04/28/2010 10:00	136.74	1.92078	0.335	17.52	0.362	13.72	42.9199	105.0470294	105.100613	1.367434	105.079989	
2010	118	1100	118.458333333		04/28/2010 11:00	136.92	1.92330	0.335	17.55	0.362	13.67	42.9142	105.0487439	105.102327	1.369234	105.081789	
2010	118	1200	118.500000000		04/28/2010 12:00	137.08	1.92555	0.335	17.52	0.362	13.66	42.9092	105.0502679	105.103851	1.370834	105.083389	
2010	118	1300	118.541666667		04/28/2010 13:00	137.5	1.93145	0.335	17.53	0.362	13.61	42.8961	105.0542685	105.107852	1.375034	105.087589	
2010	118	1400	118.583333333		04/28/2010 14:00	137.41	1.93019	0.335	17.56	0.362	13.65	42.8989	105.0534112	105.106994	1.374134	105.086689	
2010	118	1500	118.625000000		04/28/2010 15:00	137.54	1.93201	0.335	17.55	0.362	13.71	42.8949	105.0546495	105.108233	1.375434	105.087989	
2010	118	1600	118.666666667		04/28/2010 16:00	137.96	1.93791	0.335	17.56	0.362	13.7	42.8817	105.05865	105.112233	1.379634	105.092190	
2010	118	1700	118.708333333		04/28/2010 17:00	138.23	1.94171	0.335	17.55	0.362	13.68	42.8733	105.0612217	105.114805	1.382334	105.094890	
2010	118	1800	118.750000000		04/28/2010 18:00	137.77	1.93524	0.335	17.55	0.362	13.72	42.8877	105.0568402	105.110423	1.377734	105.090290	
2010	118	1900	118.791666667		04/28/2010 19:00	137.96	1.93791	0.335	17.56	0.362	13.53	42.8817	105.05865	105.112233	1.379634	105.092190	
2010	118	2000	118.833333333		04/28/2010 20:00	138.04	1.93904	0.335	17.54	0.362	13.43	42.8792	105.059412	105.112995	1.380434	105.092990	
2010	118	2100	118.875000000		04/28/2010 21:00	138.05	1.93918	0.335	17.55	0.362	13.35	42.8789	105.0595072	105.113090	1.380534	105.093090	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	118	2200	118.916666667		04/28/2010 22:00	138.31	1.94283	0.335	17.55	0.362	13.3	42.8708	105.0619838	105.115567	1.383134	105.095690	
2010	118	2300	118.958333333		04/28/2010 23:00	138.39	1.94395	0.335	17.56	0.362	13.23	42.8683	105.0627458	105.116329	1.383934	105.096490	
2010	118	2400	119.000000000		04/29/2010 0:00	138.43	1.94451	0.335	17.55	0.362	13.19	42.8670	105.0631268	105.116710	1.384334	105.096890	
2010	119	100	119.041666667		04/29/2010 1:00	138.45	1.94480	0.335	17.57	0.362	13.14	42.8664	105.0633173	105.116901	1.384534	105.097090	
2010	119	200	119.083333333		04/29/2010 2:00	138.55	1.94620	0.335	17.56	0.362	13.1	42.8633	105.0642698	105.117853	1.385534	105.098090	
2010	119	300	119.125000000		04/29/2010 3:00	138.53	1.94592	0.335	17.56	0.362	13.06	42.8639	105.0640793	105.117663	1.385334	105.097890	
2010	119	400	119.166666667		04/29/2010 4:00	138.62	1.94718	0.335	17.56	0.362	13.02	42.8611	105.0649365	105.118520	1.386234	105.098790	
2010	119	500	119.208333333		04/29/2010 5:00	138.6	1.94690	0.335	17.56	0.362	12.98	42.8617	105.064746	105.118329	1.386034	105.098590	
2010	119	600	119.250000000		04/29/2010 6:00	138.45	1.94480	0.335	17.58	0.362	13.07	42.8664	105.0633173	105.116901	1.384534	105.097090	
2010	119	700	119.291666667		04/29/2010 7:00	138.45	1.94480	0.335	17.55	0.362	13.9	42.8664	105.0633173	105.116901	1.384534	105.097090	
2010	119	800	119.333333333		04/29/2010 8:00	138.35	1.94339	0.335	17.56	0.362	13.86	42.8695	105.0623648	105.115948	1.383534	105.096090	
2010	119	900	119.375000000		04/29/2010 9:00	138.47	1.94508	0.335	17.56	0.362	13.88	42.8658	105.0635078	105.117091	1.384734	105.097290	
2010	119	1000	119.416666667		04/29/2010 10:00	138.56	1.94634	0.335	17.56	0.362	13.83	42.8630	105.064365	105.117948	1.385634	105.098190	
2010	119	1100	119.458333333		04/29/2010 11:00	138.15	1.94058	0.335	17.54	0.362	13.78	42.8758	105.0604597	105.114043	1.381534	105.094090	
2010	119	1200	119.500000000		04/29/2010 12:00	138.34	1.94325	0.335	17.57	0.362	13.75	42.8699	105.0622695	105.115853	1.383434	105.095990	
2010	119	1300	119.541666667		04/29/2010 13:00	138.29	1.94255	0.335	17.57	0.362	13.73	42.8714	105.0617933	105.115377	1.382934	105.095490	
2010	119	1400	119.583333333		04/29/2010 14:00	138.13	1.94030	0.335	17.58	0.362	13.72	42.8764	105.0602692	105.113853	1.381334	105.093890	
2010	119	1500	119.625000000		04/29/2010 15:00	138.27	1.94227	0.335	17.57	0.362	13.7	42.8720	105.0616028	105.115186	1.382734	105.095290	
2010	119	1600	119.666666667		04/29/2010 16:00	138.22	1.94156	0.335	17.56	0.362	13.69	42.8736	105.0611265	105.114710	1.382234	105.094790	
2010	119	1700	119.708333333		04/29/2010 17:00	138.21	1.94142	0.335	17.58	0.362	13.62	42.8739	105.0610312	105.114615	1.382134	105.094690	
2010	119	1800	119.750000000		04/29/2010 18:00	138.31	1.94283	0.335	17.57	0.362	13.48	42.8708	105.0619838	105.115567	1.383134	105.095690	
2010	119	1900	119.791666667		04/29/2010 19:00	138.48	1.94522	0.335	17.57	0.362	13.38	42.8655	105.063603	105.117186	1.384834	105.097390	
2010	119	2000	119.833333333		04/29/2010 20:00	138.48	1.94522	0.335	17.57	0.362	13.31	42.8655	105.063603	105.117186	1.384834	105.097390	
2010	119	2100	119.875000000		04/29/2010 21:00	138.45	1.94480	0.335	17.57	0.362	13.25	42.8664	105.0633173	105.116901	1.384534	105.097090	
2010	119	2200	119.916666667		04/29/2010 22:00	138.57	1.94648	0.335	17.57	0.362	13.2	42.8627	105.0644603	105.118044	1.385734	105.098290	
2010	119	2300	119.958333333		04/29/2010 23:00	138.57	1.94648	0.335	17.56	0.362	13.15	42.8627	105.0644603	105.118044	1.385734	105.098290	
2010	119	2400	120.000000000		04/30/2010 0:00	138.65	1.94761	0.335	17.56	0.362	13.1	42.8602	105.0652223	105.118806	1.386534	105.099090	
2010	120	100	120.041666667		04/30/2010 1:00	138.82	1.94999	0.335	17.56	0.362	13.05	42.8549	105.0668415	105.120425	1.388234	105.100790	
2010	120	200	120.083333333		04/30/2010 2:00	138.97	1.95210	0.335	17.55	0.362	13.01	42.8502	105.0682703	105.121854	1.389734	105.102290	
2010	120	300	120.125000000		04/30/2010 3:00	138.97	1.95210	0.335	17.54	0.362	12.96	42.8502	105.0682703	105.121854	1.389734	105.102290	
2010	120	400	120.166666667		04/30/2010 4:00	139.16	1.95477	0.335	17.57	0.362	12.94	42.8442	105.07008	105.123663	1.391634	105.104190	
2010	120	500	120.208333333		04/30/2010 5:00	139.18	1.95505	0.335	17.55	0.362	12.9	42.8436	105.0702705	105.123854	1.391834	105.104390	
2010	120	600	120.250000000		04/30/2010 6:00	139.31	1.95688	0.335	17.55	0.362	13.08	42.8395	105.0715088	105.125092	1.393134	105.105690	
2010	120	700	120.291666667		04/30/2010 7:00	139.54	1.96011	0.335	17.56	0.362	13.86	42.8324	105.0736996	105.127283	1.395434	105.107990	
2010	120	800	120.333333333		04/30/2010 8:00	139.56	1.96039	0.335	17.57	0.362	13.86	42.8317	105.0738901	105.127473	1.395634	105.108190	
2010	120	900	120.375000000		04/30/2010 9:00	139.59	1.96081	0.335	17.56	0.362	13.8	42.8308	105.0741758	105.127759	1.395934	105.108490	
2010	120	1000	120.416666667		04/30/2010 10:00	139.64	1.96151	0.335	17.58	0.362	13.72	42.8292	105.0746521	105.128235	1.396434	105.108990	
2010	120	1100	120.458333333		04/30/2010 11:00	139.71	1.96249	0.335	17.57	0.362	13.64	42.8270	105.0753188	105.128902	1.397134	105.109690	
2010	120	1200	120.500000000		04/30/2010 12:00	139.85	1.96446	0.335	17.57	0.362	13.59	42.8227	105.0766523	105.130236	1.398534	105.111090	
2010	120	1300	120.541666667		04/30/2010 13:00	139.96	1.96601	0.335	17.58	0.362	13.56	42.8192	105.0777001	105.131283	1.399635	105.112190	
2010	120	1400	120.583333333		04/30/2010 14:00	139.99	1.96643	0.335	17.58	0.362	13.59	42.8183	105.0779858	105.131569	1.399935	105.112490	
2010	120	1500	120.625000000		04/30/2010 15:00	140.1	1.96797	0.335	17.57	0.362	13.58	42.8149	105.0790336	105.132617	1.401035	105.113590	
2010	120	1600	120.666666667		04/30/2010 16:00	140.3	1.97078	0.335	17.56	0.362	13.55	42.8086	105.0809386	105.134522	1.403035	105.115590	
2010	120	1700	120.708333333		04/30/2010 17:00	140.45	1.97289	0.335	17.59	0.362	13.57	42.8039	105.0823674	105.135951	1.404535	105.117090	
2010	120	1800	120.750000000		04/30/2010 18:00	140.35	1.97148	0.335	17.58	0.362	13.57	42.8070	105.0814149	105.134998	1.403535	105.116090	
2010	120	1900	120.791666667		04/30/2010 19:00	140.38	1.97191	0.335	17.57	0.362	13.42	42.8061	105.0817006	105.135284	1.403835	105.116390	
2010	120	2000	120.833333333		04/30/2010 20:00	140.53	1.97401	0.335	17.58	0.362	13.34	42.8014	105.0831294	105.136713	1.405335	105.117890	
2010	120	2100	120.875000000		04/30/2010 21:00	140.59	1.97486	0.335	17.56	0.362	13.27	42.7995	105.0837009	105.137284	1.405935	105.118490	
2010	120	2200	120.916666667		04/30/2010 22:00	140.74	1.97696	0.335	17.57	0.362	13.21	42.7949	105.0851296	105.138713	1.407435	105.119990	
2010	120	2300	120.958333333		04/30/2010 23:00	141.03	1.98104	0.335	17.56	0.362	13.16	42.7858	105.0878919	105.141475	1.410335	105.122890	
2010	120	2400	121.000000000		05/01/2010 0:00	141.15	1.98272	0.335	17.56	0.362	13.11	42.7820	105.0890349	105.142618	1.411535	105.124090	
2010	121	100	121.041666667		05/01/2010 1:00	141.41	1.98637	0.335	17.55	0.362	13.07	42.7739	105.0915114	105.145095	1.414135	105.126690	
2010	121	200	121.083333333		05/01/2010 2:00	141.76	1.99129	0.335	17.56	0.362	13.02	42.7630	105.0948452	105.148428	1.417635	105.130191	
2010	121	300	121.125000000		05/01/2010 3:00	141.88	1.99298	0.335	17.57	0.362	12.98	42.7592	105.0959882	105.149571	1.418835	105.131391	
2010	121	400	121.166666667		05/01/2010 4:00	142.09	1.99593	0.335	17.56	0.362	12.94	42.7527	105.0979885	105.151572	1.420935	105.133491	
2010	121	500	121.208333333		05/01/2010 5:00	142.39	2.00014	0.335	17.57	0.362	12.91	42.7433	105.100846	105.154429	1.423935	105.136491	
2010	121	600	121.250000000		05/01/2010 6:00	142.65	2.00379	0.335	17.54	0.362	13.36	42.7352	105.1033225	105.156906	1.426535	105.139091	
2010	121	700	121.291666667		05/01/2010 7:00	142.87	2.00688	0.335	17.57	0.362	13.87	42.7283	105.105418	105.159001	1.428735	105.141291	
2010	121	800	121.333333333		05/01/2010 8:00	143.35	2.01363	0.335	17.56	0.362	13.81	42.7133	105.10999	105.163573	1.433535	105.146091	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	121	900	121.375000000		05/01/2010 9:00	143.41	2.01447	0.335	17.58	0.362	13.74	42.7114	105.1105615	105.164145	1.434135	105.146691	
2010	121	1000	121.416666667		05/01/2010 10:00	143.71	2.01868	0.335	17.58	0.362	13.7	42.7020	105.113419	105.167002	1.437135	105.149691	
2010	121	1100	121.458333333		05/01/2010 11:00	144.04	2.02332	0.335	17.56	0.362	13.68	42.6917	105.1165623	105.170146	1.440436	105.152991	
2010	121	1200	121.500000000		05/01/2010 12:00	144.22	2.02585	0.335	17.56	0.362	13.64	42.6861	105.1182768	105.171860	1.442236	105.154791	
2010	121	1300	121.541666667		05/01/2010 13:00	144.62	2.03147	0.335	17.58	0.362	13.61	42.6736	105.1220868	105.175670	1.446236	105.158791	
2010	121	1400	121.583333333		05/01/2010 14:00	144.59	2.03104	0.335	17.53	0.362	13.56	42.6745	105.1218011	105.175384	1.445936	105.158491	
2010	121	1500	121.625000000		05/01/2010 15:00	144.94	2.03596	0.335	17.57	0.362	13.55	42.6636	105.1251349	105.178718	1.449436	105.161991	
2010	121	1600	121.666666667		05/01/2010 16:00	145.14	2.03877	0.335	17.59	0.362	13.56	42.6573	105.1270399	105.180623	1.451436	105.163991	
2010	121	1700	121.708333333		05/01/2010 17:00	145.28	2.04074	0.335	17.57	0.362	13.58	42.6530	105.1283734	105.181957	1.452836	105.165391	
2010	121	1800	121.750000000		05/01/2010 18:00	145.39	2.04228	0.335	17.57	0.362	13.51	42.6495	105.1294211	105.183004	1.453936	105.166491	
2010	121	1900	121.791666667		05/01/2010 19:00	145.48	2.04355	0.335	17.57	0.362	13.39	42.6467	105.1302784	105.183862	1.454836	105.167391	
2010	121	2000	121.833333333		05/01/2010 20:00	145.57	2.04481	0.335	17.56	0.362	13.3	42.6439	105.1311356	105.184719	1.455736	105.168291	
2010	121	2100	121.875000000		05/01/2010 21:00	145.62	2.04551	0.335	17.58	0.362	13.24	42.6423	105.1316119	105.185195	1.456236	105.168791	
2010	121	2200	121.916666667		05/01/2010 22:00	145.8	2.04804	0.335	17.59	0.362	13.19	42.6367	105.1333264	105.186910	1.458036	105.170592	
2010	121	2300	121.958333333		05/01/2010 23:00	145.63	2.04565	0.335	17.57	0.362	13.14	42.6420	105.1317071	105.185290	1.456336	105.168891	
2010	121	2400	122.000000000		05/02/2010 0:00	145.82	2.04832	0.335	17.56	0.362	13.09	42.6361	105.1335169	105.187100	1.458236	105.170792	
2010	122	100	122.041666667		05/02/2010 1:00	145.79	2.04790	0.335	17.56	0.362	13.04	42.6370	105.1332312	105.186814	1.457936	105.170492	
2010	122	200	122.083333333		05/02/2010 2:00	145.89	2.04930	0.335	17.56	0.362	13	42.6339	105.1341837	105.187767	1.458936	105.171492	
2010	122	300	122.125000000		05/02/2010 3:00	145.9	2.04945	0.335	17.55	0.362	12.97	42.6336	105.1342789	105.187862	1.459036	105.171592	
2010	122	400	122.166666667		05/02/2010 4:00	145.99	2.05071	0.335	17.56	0.362	12.93	42.6308	105.1351362	105.188719	1.459936	105.172492	
2010	122	500	122.208333333		05/02/2010 5:00	146.03	2.05127	0.335	17.56	0.362	12.89	42.6295	105.1355172	105.189100	1.460336	105.172892	
2010	122	600	122.250000000		05/02/2010 6:00	146.15	2.05296	0.335	17.56	0.362	13.96	42.6258	105.1366602	105.190243	1.461536	105.174092	
2010	122	700	122.291666667		05/02/2010 7:00	146.28	2.05478	0.335	17.57	0.362	13.88	42.6217	105.1378984	105.191482	1.462836	105.175392	
2010	122	800	122.333333333		05/02/2010 8:00	146.32	2.05534	0.335	17.57	0.362	13.81	42.6205	105.1382794	105.191863	1.463236	105.175792	
2010	122	900	122.375000000		05/02/2010 9:00	146.2	2.05366	0.335	17.57	0.362	13.75	42.6242	105.1371364	105.190720	1.462036	105.174592	
2010	122	1000	122.416666667		05/02/2010 10:00	146.33	2.05549	0.335	17.58	0.362	13.7	42.6202	105.1383747	105.191958	1.463336	105.175892	
2010	122	1100	122.458333333		05/02/2010 11:00	146.32	2.05534	0.335	17.59	0.362	13.66	42.6205	105.1382794	105.191863	1.463236	105.175792	
2010	122	1200	122.500000000		05/02/2010 12:00	146.34	2.05563	0.335	17.58	0.362	13.66	42.6198	105.1384699	105.192053	1.463436	105.175992	
2010	122	1300	122.541666667		05/02/2010 13:00	146.35	2.05577	0.335	17.58	0.362	13.62	42.6195	105.1385652	105.192148	1.463536	105.176092	
2010	122	1400	122.583333333		05/02/2010 14:00	146.31	2.05520	0.335	17.58	0.362	13.58	42.6208	105.1381842	105.191767	1.463136	105.175692	
2010	122	1500	122.625000000		05/02/2010 15:00	146.49	2.05773	0.335	17.57	0.362	13.58	42.6152	105.1398987	105.193482	1.464936	105.177492	
2010	122	1600	122.666666667		05/02/2010 16:00	146.29	2.05492	0.336	17.59	0.362	13.61	42.6214	105.1379937	105.191577	1.462936	105.175492	
2010	122	1700	122.708333333		05/02/2010 17:00	146.32	2.05534	0.335	17.59	0.362	13.63	42.6205	105.1382794	105.191863	1.463236	105.175792	
2010	122	1800	122.750000000		05/02/2010 18:00	146.37	2.05605	0.335	17.58	0.362	13.64	42.6189	105.1387557	105.192339	1.463736	105.176292	
2010	122	1900	122.791666667		05/02/2010 19:00	146.23	2.05408	0.335	17.58	0.362	13.47	42.6233	105.1374222	105.191005	1.462336	105.174892	
2010	122	2000	122.833333333		05/02/2010 20:00	146.44	2.05703	0.335	17.57	0.362	13.38	42.6167	105.1394224	105.193006	1.464436	105.176992	
2010	122	2100	122.875000000		05/02/2010 21:00	146.31	2.05520	0.335	17.58	0.362	13.3	42.6208	105.1381842	105.191767	1.463136	105.175692	
2010	122	2200	122.916666667		05/02/2010 22:00	146.42	2.05675	0.335	17.58	0.362	13.23	42.6173	105.1392319	105.192815	1.464236	105.176792	
2010	122	2300	122.958333333		05/02/2010 23:00	146.37	2.05605	0.335	17.57	0.362	13.18	42.6189	105.1387557	105.192339	1.463736	105.176292	
2010	122	2400	123.000000000		05/03/2010 0:00	146.8	2.06209	0.336	17.55	0.363	13.12	42.6055	105.1428515	105.196435	1.468036	105.180592	
2010	123	100	123.041666667		05/03/2010 1:00	146.62	2.05956	0.336	17.53	0.363	13.08	42.6111	105.1411369	105.194720	1.466236	105.178792	
2010	123	200	123.083333333		05/03/2010 2:00	146.76	2.06153	0.335	17.58	0.362	13.03	42.6067	105.1424705	105.196054	1.467636	105.180192	
2010	123	300	123.125000000		05/03/2010 3:00	146.94	2.06405	0.335	17.53	0.362	12.99	42.6011	105.144185	105.197768	1.469436	105.181992	
2010	123	400	123.166666667		05/03/2010 4:00	146.83	2.06251	0.335	17.54	0.362	12.95	42.6045	105.1431372	105.196720	1.468336	105.180892	
2010	123	500	123.208333333		05/03/2010 5:00	147.16	2.06714	0.336	17.58	0.362	12.92	42.5942	105.1462805	105.199864	1.471636	105.184192	
2010	123	600	123.250000000		05/03/2010 6:00	147.2	2.06771	0.335	17.57	0.362	13.61	42.5930	105.1466615	105.200245	1.472036	105.184592	
2010	123	700	123.291666667		05/03/2010 7:00	147.25	2.06841	0.336	17.58	0.362	13.72	42.5914	105.1471377	105.200721	1.472536	105.185092	
2010	123	800	123.333333333		05/03/2010 8:00	147.39	2.07038	0.335	17.57	0.362	13.7	42.5870	105.1484712	105.202054	1.473936	105.186492	
2010	123	900	123.375000000		05/03/2010 9:00	147.85	2.07684	0.335	17.58	0.362	13.68	42.5727	105.1528528	105.206436	1.478536	105.191092	
2010	123	1000	123.416666667		05/03/2010 10:00	147.83	2.07656	0.336	17.54	0.363	13.72	42.5733	105.1526623	105.206246	1.478336	105.190892	
2010	123	1100	123.458333333		05/03/2010 11:00	148.18	2.08147	0.335	17.56	0.362	13.67	42.5623	105.155996	105.209579	1.481837	105.194392	
2010	123	1200	123.500000000		05/03/2010 12:00	148.66	2.08821	0.335	17.57	0.362	13.66	42.5473	105.1605681	105.214151	1.486637	105.199192	
2010	123	1300	123.541666667		05/03/2010 13:00	147.91	2.07768	0.335	17.58	0.362	13.63	42.5708	105.1534243	105.207008	1.479136	105.191692	
2010	123	1400	123.583333333		05/03/2010 14:00	148.38	2.08428	0.335	17.57	0.362	13.62	42.5561	105.157901	105.211484	1.483837	105.196392	
2010	123	1500	123.625000000		05/03/2010 15:00	147.93	2.07796	0.335	17.56	0.362	13.62	42.5702	105.1536148	105.207198	1.479336	105.191892	
2010	123	1600	123.666666667		05/03/2010 16:00	148.03	2.07937	0.335	17.58	0.362	13.64	42.5670	105.1545673	105.208151	1.480337	105.192892	
2010	123	1700	123.708333333		05/03/2010 17:00	147.28	2.06883	0.335	17.58	0.362	13.68	42.5905	105.1474235	105.201007	1.472836	105.185392	
2010	123	1800	123.750000000		05/03/2010 18:00	147.02	2.06518	0.336	17.56	0.362	13.72	42.5986	105.144947	105.198530	1.470236	105.182792	
2010	123	1900	123.791666667		05/03/2010 19:00	146.8	2.06209	0.335	17.58	0.362	13.59	42.6055	105.1428515	105.196435	1.468036	105.180592	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	123	2000	123.833333333		05/03/2010 20:00	146.69	2.06054	0.335	17.56	0.362	13.48	42.6089	105.1418037	105.195387	1.466936	105.179492	
2010	123	2100	123.875000000		05/03/2010 21:00	146.37	2.05605	0.335	17.55	0.362	13.4	42.6189	105.1387557	105.192339	1.463736	105.176292	
2010	123	2200	123.916666667		05/03/2010 22:00	146.05	2.05155	0.336	17.55	0.363	13.34	42.6289	105.1357077	105.189291	1.460536	105.173092	
2010	123	2300	123.958333333		05/03/2010 23:00	145.75	2.04734	0.335	17.56	0.362	13.29	42.6383	105.1328502	105.186433	1.457536	105.170092	
2010	123	2400	124.000000000		05/04/2010 0:00	145.51	2.04397	0.335	17.55	0.362	13.24	42.6458	105.1305641	105.184147	1.455136	105.167691	
2010	124	100	124.041666667		05/04/2010 1:00	145.26	2.04046	0.335	17.54	0.362	13.19	42.6536	105.1281829	105.181766	1.452636	105.165191	
2010	124	200	124.083333333		05/04/2010 2:00	144.98	2.03652	0.335	17.54	0.362	13.15	42.6623	105.1255159	105.179099	1.449836	105.162391	
2010	124	300	124.125000000		05/04/2010 3:00	144.8	2.03399	0.335	17.58	0.362	13.1	42.6680	105.1238013	105.177385	1.448036	105.160591	
2010	124	400	124.166666667		05/04/2010 4:00	144.65	2.03189	0.335	17.57	0.362	13.05	42.6727	105.1223726	105.175956	1.446536	105.159091	
2010	124	500	124.208333333		05/04/2010 5:00	144.5	2.02978	0.335	17.56	0.362	13.01	42.6773	105.1209438	105.174527	1.445036	105.157591	
2010	124	600	124.250000000		05/04/2010 6:00	144.26	2.02641	0.335	17.57	0.362	14.03	42.6848	105.1186578	105.172241	1.442636	105.155191	
2010	124	700	124.291666667		05/04/2010 7:00	144.35	2.02767	0.335	17.58	0.362	13.99	42.6820	105.1195151	105.173098	1.443536	105.156091	
2010	124	800	124.333333333		05/04/2010 8:00	144.25	2.02627	0.335	17.56	0.362	13.91	42.6852	105.1185626	105.172146	1.442536	105.155091	
2010	124	900	124.375000000		05/04/2010 9:00	144.18	2.02528	0.336	17.57	0.362	13.83	42.6873	105.1178958	105.171479	1.441836	105.154391	
2010	124	1000	124.416666667		05/04/2010 10:00	144.27	2.02655	0.336	17.56	0.362	13.81	42.6845	105.1187531	105.172336	1.442736	105.155291	
2010	124	1100	124.458333333		05/04/2010 11:00	144.31	2.02711	0.336	17.57	0.362	13.75	42.6833	105.1191341	105.172717	1.443136	105.155691	
2010	124	1200	124.500000000		05/04/2010 12:00	144.37	2.02795	0.335	17.57	0.362	13.73	42.6814	105.1197056	105.173289	1.443736	105.156291	
2010	124	1300	124.541666667		05/04/2010 13:00	144.5	2.02978	0.336	17.58	0.362	13.72	42.6773	105.1209438	105.174527	1.445036	105.157591	
2010	124	1400	124.583333333		05/04/2010 14:00	144.6	2.03118	0.336	17.58	0.362	13.74	42.6742	105.1218963	105.175480	1.446036	105.158591	
2010	124	1500	124.625000000		05/04/2010 15:00	144.71	2.03273	0.336	17.56	0.362	13.73	42.6708	105.1229441	105.176527	1.447136	105.159691	
2010	124	1600	124.666666667		05/04/2010 16:00	144.84	2.03456	0.336	17.58	0.362	13.71	42.6667	105.1241824	105.177766	1.448436	105.160991	
2010	124	1700	124.708333333		05/04/2010 17:00	145.1	2.03821	0.336	17.56	0.363	13.74	42.6586	105.1266589	105.180242	1.451036	105.163591	
2010	124	1800	124.750000000		05/04/2010 18:00	145.32	2.04130	0.336	17.56	0.363	13.7	42.6517	105.1287544	105.182338	1.453236	105.165791	
2010	124	1900	124.791666667		05/04/2010 19:00	145.46	2.04326	0.335	17.57	0.362	13.55	42.6473	105.1300879	105.183671	1.454636	105.167191	
2010	124	2000	124.833333333		05/04/2010 20:00	145.7	2.04664	0.335	17.54	0.362	13.46	42.6398	105.1323739	105.185957	1.457036	105.169592	
2010	124	2100	124.875000000		05/04/2010 21:00	145.92	2.04973	0.336	17.55	0.363	13.39	42.6330	105.1344694	105.188053	1.459236	105.171792	
2010	124	2200	124.916666667		05/04/2010 22:00	146.2	2.05366	0.335	17.57	0.362	13.33	42.6242	105.1371364	105.190720	1.462036	105.174592	
2010	124	2300	124.958333333		05/04/2010 23:00	146.41	2.05661	0.335	17.56	0.362	13.28	42.6177	105.1391367	105.192720	1.464136	105.176692	
2010	124	2400	125.000000000		05/05/2010 0:00	146.63	2.05970	0.335	17.54	0.362	13.23	42.6108	105.1412322	105.194815	1.466336	105.178892	
2010	125	100	125.041666667		05/05/2010 1:00	146.76	2.06153	0.335	17.55	0.362	13.18	42.6067	105.1424705	105.196054	1.467636	105.180192	
2010	125	200	125.083333333		05/05/2010 2:00	146.9	2.06349	0.335	17.53	0.362	13.14	42.6023	105.143804	105.197387	1.469036	105.181592	
2010	125	300	125.125000000		05/05/2010 3:00	147.01	2.06504	0.335	17.56	0.362	13.09	42.5989	105.1448517	105.198435	1.470136	105.182692	
2010	125	400	125.166666667		05/05/2010 4:00	147.11	2.06644	0.335	17.57	0.362	13.05	42.5958	105.1458042	105.199387	1.471136	105.183692	
2010	125	500	125.208333333		05/05/2010 5:00	147.21	2.06785	0.335	17.54	0.362	13.01	42.5927	105.1467567	105.200340	1.472136	105.184692	
2010	125	600	125.250000000		05/05/2010 6:00	147.31	2.06925	0.335	17.58	0.362	14.06	42.5895	105.1477092	105.201292	1.473136	105.185692	
2010	125	700	125.291666667		05/05/2010 7:00	147.4	2.07052	0.335	17.56	0.362	14.03	42.5867	105.1485665	105.202150	1.474036	105.186592	
2010	125	800	125.333333333		05/05/2010 8:00	147.49	2.07178	0.335	17.55	0.362	13.95	42.5839	105.1494237	105.203007	1.474936	105.187492	
2010	125	900	125.375000000		05/05/2010 9:00	147.61	2.07347	0.335	17.56	0.362	13.85	42.5802	105.1505667	105.204150	1.476136	105.188692	
2010	125	1000	125.416666667		05/05/2010 10:00	147.66	2.07417	0.335	17.55	0.362	13.79	42.5786	105.151043	105.204626	1.476636	105.189192	
2010	125	1100	125.458333333		05/05/2010 11:00	147.78	2.07585	0.335	17.55	0.362	13.74	42.5748	105.152186	105.205769	1.477836	105.190392	
2010	125	1200	125.500000000		05/05/2010 12:00	147.94	2.07810	0.335	17.57	0.362	13.74	42.5698	105.15371	105.207293	1.479436	105.191992	
2010	125	1300	125.541666667		05/05/2010 13:00	148.1	2.08035	0.335	17.56	0.362	13.7	42.5648	105.155234	105.208817	1.481037	105.193592	
2010	125	1400	125.583333333		05/05/2010 14:00	147.9	2.07754	0.335	17.57	0.362	13.61	42.5711	105.153329	105.206912	1.479036	105.191592	
2010	125	1500	125.625000000		05/05/2010 15:00	148.07	2.07993	0.335	17.54	0.362	13.84	42.5658	105.1549483	105.208532	1.480737	105.193292	
2010	125	1600	125.666666667		05/05/2010 16:00	148.13	2.08077	0.336	17.58	0.362	13.79	42.5639	105.1555198	105.209103	1.481337	105.193892	
2010	125	1700	125.708333333		05/05/2010 17:00	148.21	2.08189	0.336	17.57	0.362	13.81	42.5614	105.1562818	105.209865	1.482137	105.194692	
2010	125	1800	125.750000000		05/05/2010 18:00	148.29	2.08302	0.336	17.56	0.363	13.82	42.5589	105.1570438	105.210627	1.482937	105.195492	
2010	125	1900	125.791666667		05/05/2010 19:00	148.39	2.08442	0.336	17.57	0.362	13.65	42.5558	105.1579963	105.211580	1.483937	105.196492	
2010	125	2000	125.833333333		05/05/2010 20:00	148.52	2.08625	0.335	17.55	0.362	13.54	42.5517	105.1592345	105.212818	1.485237	105.197792	
2010	125	2100	125.875000000		05/05/2010 21:00	148.67	2.08836	0.335	17.55	0.362	13.46	42.5470	105.1606633	105.214247	1.486737	105.199292	
2010	125	2200	125.916666667		05/05/2010 22:00	148.77	2.08976	0.335	17.56	0.362	13.4	42.5439	105.1616158	105.215199	1.487737	105.200292	
2010	125	2300	125.958333333		05/05/2010 23:00	148.94	2.09215	0.335	17.57	0.362	13.34	42.5386	105.1632351	105.216818	1.489437	105.201992	
2010	125	2400	126.000000000		05/06/2010 0:00	149.09	2.09425	0.335	17.56	0.362	13.29	42.5339	105.1646638	105.218247	1.490937	105.203492	
2010	126	100	126.041666667		05/06/2010 1:00	149.21	2.09594	0.335	17.55	0.362	13.24	42.5302	105.1658068	105.219390	1.492137	105.204692	
2010	126	200	126.083333333		05/06/2010 2:00	149.39	2.09847	0.335	17.55	0.362	13.19	42.5245	105.1675213	105.221105	1.493937	105.206492	
2010	126	300	126.125000000		05/06/2010 3:00	149.5	2.10001	0.335	17.54	0.362	13.15	42.5211	105.1685691	105.222152	1.495037	105.207592	
2010	126	400	126.166666667		05/06/2010 4:00	149.72	2.10310	0.336	17.55	0.363	13.11	42.5142	105.1706646	105.224248	1.497237	105.209792	
2010	126	500	126.208333333		05/06/2010 5:00	149.88	2.10535	0.336	17.57	0.363	13.06	42.5092	105.1721886	105.225772	1.498837	105.211393	
2010	126	600	126.250000000		05/06/2010 6:00	150.06	2.10788	0.335	17.54	0.362	14.03	42.5036	105.1739031	105.227486	1.500637	105.213193	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	126	700	126.291666667		05/06/2010 7:00	150.22	2.11013	0.335	17.53	0.363	13.99	42.4986	105.1754271	105.229010	1.502237	105.214793	
2010	126	800	126.333333333		05/06/2010 8:00	150.41	2.11280	0.335	17.56	0.362	13.88	42.4927	105.1772369	105.230820	1.504137	105.216693	
2010	126	900	126.375000000		05/06/2010 9:00	150.54	2.11462	0.336	17.55	0.363	13.78	42.4886	105.1784752	105.232058	1.505437	105.217993	
2010	126	1000	126.416666667		05/06/2010 10:00	150.6	2.11547	0.336	17.55	0.363	13.74	42.4867	105.1790467	105.232630	1.506037	105.218593	
2010	126	1100	126.458333333		05/06/2010 11:00	150.78	2.11799	0.336	17.57	0.362	13.7	42.4811	105.1807612	105.234344	1.507837	105.220393	
2010	126	1200	126.500000000		05/06/2010 12:00	150.82	2.11856	0.335	17.57	0.362	13.68	42.4798	105.1811422	105.234725	1.508237	105.220793	
2010	126	1300	126.541666667		05/06/2010 13:00	150.95	2.12038	0.335	17.57	0.362	13.66	42.4758	105.1823804	105.235964	1.509537	105.222093	
2010	126	1400	126.583333333		05/06/2010 14:00	151.05	2.12179	0.335	17.58	0.362	13.63	42.4727	105.1833329	105.236916	1.510537	105.223093	
2010	126	1500	126.625000000		05/06/2010 15:00	151.07	2.12207	0.335	17.58	0.362	13.63	42.4720	105.1835234	105.237107	1.510737	105.223293	
2010	126	1600	126.666666667		05/06/2010 16:00	151.14	2.12305	0.335	17.57	0.362	13.64	42.4698	105.1841902	105.237773	1.511437	105.223993	
2010	126	1700	126.708333333		05/06/2010 17:00	151.23	2.12432	0.335	17.56	0.362	13.7	42.4670	105.1850474	105.238631	1.512337	105.224893	
2010	126	1800	126.750000000		05/06/2010 18:00	151.37	2.12628	0.336	17.56	0.363	13.73	42.4627	105.186381	105.239964	1.513737	105.226293	
2010	126	1900	126.791666667		05/06/2010 19:00	151.48	2.12783	0.336	17.58	0.362	13.55	42.4592	105.1874287	105.241012	1.514837	105.227393	
2010	126	2000	126.833333333		05/06/2010 20:00	151.58	2.12923	0.336	17.57	0.362	13.45	42.4561	105.1883812	105.241964	1.515837	105.228393	
2010	126	2100	126.875000000		05/06/2010 21:00	151.75	2.13162	0.336	17.55	0.363	13.37	42.4508	105.1900005	105.243584	1.517537	105.230093	
2010	126	2200	126.916666667		05/06/2010 22:00	151.95	2.13443	0.335	17.56	0.362	13.31	42.4445	105.1919055	105.245489	1.519537	105.232093	
2010	126	2300	126.958333333		05/06/2010 23:00	152.2	2.13794	0.336	17.57	0.363	13.26	42.4367	105.1942867	105.247870	1.522038	105.234593	
2010	126	2400	127.000000000		05/07/2010 0:00	152.39	2.14061	0.335	17.55	0.362	13.22	42.4308	105.1960965	105.249680	1.523938	105.236493	
2010	127	100	127.041666667		05/07/2010 1:00	152.63	2.14398	0.335	17.59	0.362	13.17	42.4233	105.1983825	105.251966	1.526338	105.238893	
2010	127	200	127.083333333		05/07/2010 2:00	152.95	2.14848	0.336	17.57	0.363	13.12	42.4133	105.2014305	105.255014	1.529538	105.242093	
2010	127	300	127.125000000		05/07/2010 3:00	153.14	2.15114	0.336	17.55	0.363	13.08	42.4073	105.2032403	105.256824	1.531438	105.243993	
2010	127	400	127.166666667		05/07/2010 4:00	153.45	2.15550	0.336	17.56	0.363	13.03	42.3977	105.2061931	105.259776	1.534538	105.247093	
2010	127	500	127.208333333		05/07/2010 5:00	153.73	2.15943	0.336	17.55	0.363	12.99	42.3889	105.2088601	105.262443	1.537338	105.249893	
2010	127	600	127.250000000		05/07/2010 6:00	153.92	2.16210	0.335	17.54	0.362	14.07	42.3830	105.2106698	105.264253	1.539238	105.251794	
2010	127	700	127.291666667		05/07/2010 7:00	154.17	2.16561	0.335	17.58	0.362	13.99	42.3752	105.2130511	105.266634	1.541738	105.254294	
2010	127	800	127.333333333		05/07/2010 8:00	154.37	2.16842	0.335	17.56	0.362	13.89	42.3689	105.2149561	105.268539	1.543738	105.256294	
2010	127	900	127.375000000		05/07/2010 9:00	154.6	2.17165	0.336	17.55	0.363	13.81	42.3617	105.2171469	105.270730	1.546038	105.258594	
2010	127	1000	127.416666667		05/07/2010 10:00	154.71	2.17320	0.336	17.55	0.363	13.73	42.3583	105.2181946	105.271778	1.547138	105.259694	
2010	127	1100	127.458333333		05/07/2010 11:00	154.87	2.17545	0.336	17.57	0.362	13.68	42.3533	105.2197186	105.273302	1.548738	105.261294	
2010	127	1200	127.500000000		05/07/2010 12:00	155.04	2.17783	0.335	17.57	0.362	13.64	42.3480	105.2213379	105.274921	1.550438	105.262994	
2010	127	1300	127.541666667		05/07/2010 13:00	155.19	2.17994	0.336	17.58	0.362	13.57	42.3433	105.2227667	105.276350	1.551938	105.264494	
2010	127	1400	127.583333333		05/07/2010 14:00	155.35	2.18219	0.336	17.58	0.362	13.55	42.3383	105.2242907	105.277874	1.553538	105.266094	
2010	127	1500	127.625000000		05/07/2010 15:00	155.47	2.18387	0.336	17.56	0.363	13.52	42.3345	105.2254337	105.279017	1.554738	105.267294	
2010	127	1600	127.666666667		05/07/2010 16:00	155.63	2.18612	0.335	17.57	0.362	13.54	42.3295	105.2269577	105.280541	1.556338	105.268894	
2010	127	1700	127.708333333		05/07/2010 17:00	155.83	2.18893	0.335	17.57	0.362	13.58	42.3233	105.2288627	105.282446	1.558338	105.270894	
2010	127	1800	127.750000000		05/07/2010 18:00	155.98	2.19104	0.335	17.58	0.362	13.55	42.3186	105.2302914	105.283875	1.559838	105.272394	
2010	127	1900	127.791666667		05/07/2010 19:00	156.17	2.19371	0.335	17.56	0.362	13.42	42.3127	105.2321012	105.285684	1.561739	105.274294	
2010	127	2000	127.833333333		05/07/2010 20:00	156.32	2.19581	0.336	17.55	0.363	13.34	42.3080	105.23353	105.287113	1.563239	105.275794	
2010	127	2100	127.875000000		05/07/2010 21:00	156.58	2.19947	0.336	17.56	0.362	13.26	42.2998	105.2360065	105.289590	1.565839	105.278394	
2010	127	2200	127.916666667		05/07/2010 22:00	156.82	2.20284	0.336	17.57	0.363	13.21	42.2923	105.2382925	105.291876	1.568239	105.280794	
2010	127	2300	127.958333333		05/07/2010 23:00	156.99	2.20523	0.336	17.56	0.363	13.16	42.2870	105.2399118	105.293495	1.569939	105.282494	
2010	127	2400	128.000000000		05/08/2010 0:00	157.17	2.20775	0.336	17.56	0.363	13.1	42.2814	105.2416263	105.295210	1.571739	105.284294	
2010	128	100	128.041666667		05/08/2010 1:00	157.31	2.20972	0.336	17.56	0.362	13.06	42.2770	105.2429598	105.296543	1.573139	105.285694	
2010	128	200	128.083333333		05/08/2010 2:00	157.46	2.21183	0.336	17.54	0.363	13.02	42.2723	105.2443885	105.297972	1.574639	105.287194	
2010	128	300	128.125000000		05/08/2010 3:00	157.57	2.21337	0.336	17.59	0.362	12.98	42.2689	105.2454363	105.299020	1.575739	105.288294	
2010	128	400	128.166666667		05/08/2010 4:00	157.63	2.21422	0.335	17.56	0.362	12.94	42.2670	105.2460078	105.299591	1.576339	105.288894	
2010	128	500	128.208333333		05/08/2010 5:00	157.67	2.21478	0.335	17.57	0.362	12.91	42.2658	105.2463888	105.299972	1.576739	105.289294	
2010	128	600	128.250000000		05/08/2010 6:00	157.66	2.21464	0.335	17.57	0.362	13.88	42.2661	105.2462935	105.299877	1.576639	105.289194	
2010	128	700	128.291666667		05/08/2010 7:00	157.69	2.21506	0.336	17.56	0.362	13.84	42.2652	105.2465793	105.300163	1.576939	105.289494	
2010	128	800	128.333333333		05/08/2010 8:00	157.69	2.21506	0.336	17.56	0.362	13.79	42.2652	105.2465793	105.300163	1.576939	105.289494	
2010	128	900	128.375000000		05/08/2010 9:00	157.6	2.21379	0.335	17.57	0.362	13.7	42.2680	105.245722	105.299305	1.576039	105.288594	
2010	128	1000	128.416666667		05/08/2010 10:00	157.42	2.21127	0.336	17.57	0.362	13.7	42.2736	105.2440075	105.297591	1.574239	105.286794	
2010	128	1100	128.458333333		05/08/2010 11:00	157.39	2.21084	0.335	17.57	0.362	13.62	42.2745	105.2437218	105.297305	1.573939	105.286494	
2010	128	1200	128.500000000		05/08/2010 12:00	157.28	2.20930	0.335	17.58	0.362	13.63	42.2780	105.242674	105.296257	1.572839	105.285394	
2010	128	1300	128.541666667		05/08/2010 13:00	157.29	2.20944	0.335	17.56	0.362	13.58	42.2777	105.2427693	105.296353	1.572939	105.285494	
2010	128	1400	128.583333333		05/08/2010 14:00	157.19	2.20803	0.335	17.56	0.362	13.55	42.2808	105.2418168	105.295400	1.571939	105.284494	
2010	128	1500	128.625000000		05/08/2010 15:00	156.86	2.20340	0.336	17.58	0.362	13.59	42.2911	105.2386735	105.292257	1.568639	105.281194	
2010	128	1600	128.666666667		05/08/2010 16:00	156.97	2.20494	0.335	17.57	0.362	13.73	42.2877	105.2397213	105.293305	1.569739	105.282294	
2010	128	1700	128.708333333		05/08/2010 17:00	156.52	2.19862	0.336	17.56	0.363	13.67	42.3017	105.235435	105.289018	1.565239	105.277794	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	128	1800	128.750000000		05/08/2010 18:00	156.29	2.19539	0.336	17.55	0.363	13.59	42.3089	105.2332442	105.286827	1.562939	105.275494	
2010	128	1900	128.791666667		05/08/2010 19:00	156.14	2.19329	0.336	17.55	0.363	13.46	42.3136	105.2318155	105.285399	1.561439	105.273994	
2010	128	2000	128.833333333		05/08/2010 20:00	155.92	2.19020	0.336	17.57	0.363	13.38	42.3205	105.2297199	105.283303	1.559238	105.271794	
2010	128	2100	128.875000000		05/08/2010 21:00	155.79	2.18837	0.336	17.56	0.363	13.3	42.3245	105.2284817	105.282065	1.557938	105.270494	
2010	128	2200	128.916666667		05/08/2010 22:00	155.64	2.18626	0.335	17.57	0.362	13.25	42.3292	105.2270529	105.280636	1.556438	105.268994	
2010	128	2300	128.958333333		05/08/2010 23:00	155.55	2.18500	0.335	17.54	0.362	13.2	42.3320	105.2261957	105.279779	1.555538	105.268094	
2010	128	2400	129.000000000		05/09/2010 0:00	155.5	2.18430	0.335	17.56	0.362	13.15	42.3336	105.2257194	105.279303	1.555038	105.267594	
2010	129	100	129.041666667		05/09/2010 1:00	155.41	2.18303	0.336	17.58	0.363	13.11	42.3364	105.2248622	105.278445	1.554138	105.266694	
2010	129	200	129.083333333		05/09/2010 2:00	155.41	2.18303	0.336	17.55	0.363	13.06	42.3364	105.2248622	105.278445	1.554138	105.266694	
2010	129	300	129.125000000		05/09/2010 3:00	155.45	2.18359	0.335	17.58	0.362	13.02	42.3352	105.2252432	105.278826	1.554538	105.267094	
2010	129	400	129.166666667		05/09/2010 4:00	155.55	2.18500	0.336	17.53	0.363	12.97	42.3320	105.2261957	105.279779	1.555538	105.268094	
2010	129	500	129.208333333		05/09/2010 5:00	155.65	2.18640	0.336	17.56	0.363	12.94	42.3289	105.2271482	105.280731	1.556538	105.269094	
2010	129	600	129.250000000		05/09/2010 6:00	155.75	2.18781	0.335	17.57	0.362	14.03	42.3258	105.2281007	105.281684	1.557538	105.270094	
2010	129	700	129.291666667		05/09/2010 7:00	155.81	2.18865	0.336	17.56	0.363	13.92	42.3239	105.2286722	105.282255	1.558138	105.270694	
2010	129	800	129.333333333		05/09/2010 8:00	155.97	2.19090	0.336	17.55	0.363	13.82	42.3189	105.2301962	105.283779	1.559738	105.272294	
2010	129	900	129.375000000		05/09/2010 9:00	156.05	2.19202	0.336	17.58	0.362	13.72	42.3164	105.2309582	105.284541	1.560538	105.273094	
2010	129	1000	129.416666667		05/09/2010 10:00	156.26	2.19497	0.336	17.55	0.363	13.64	42.3098	105.2329585	105.286542	1.562639	105.275194	
2010	129	1100	129.458333333		05/09/2010 11:00	156.36	2.19638	0.335	17.57	0.362	13.6	42.3067	105.233911	105.287494	1.563639	105.276194	
2010	129	1200	129.500000000		05/09/2010 12:00	156.51	2.19848	0.336	17.57	0.362	13.61	42.3020	105.2353397	105.288923	1.565139	105.277694	
2010	129	1300	129.541666667		05/09/2010 13:00	156.58	2.19947	0.336	17.56	0.362	13.56	42.2998	105.2360065	105.289590	1.565839	105.278394	
2010	129	1400	129.583333333		05/09/2010 14:00	156.79	2.20242	0.335	17.55	0.362	13.49	42.2933	105.2380067	105.291590	1.567939	105.280494	
2010	129	1500	129.625000000		05/09/2010 15:00	156.87	2.20354	0.336	17.57	0.363	13.47	42.2908	105.2387687	105.292352	1.568739	105.281294	
2010	129	1600	129.666666667		05/09/2010 16:00	156.96	2.20480	0.336	17.57	0.362	13.5	42.2880	105.239626	105.293209	1.569639	105.282194	
2010	129	1700	129.708333333		05/09/2010 17:00	157.01	2.20551	0.336	17.55	0.363	13.51	42.2864	105.2401023	105.293686	1.570139	105.282694	
2010	129	1800	129.750000000		05/09/2010 18:00	157.07	2.20635	0.336	17.57	0.362	13.43	42.2845	105.2406738	105.294257	1.570739	105.283294	
2010	129	1900	129.791666667		05/09/2010 19:00	157.14	2.20733	0.336	17.56	0.363	13.32	42.2823	105.2413405	105.294924	1.571439	105.283994	
2010	129	2000	129.833333333		05/09/2010 20:00	157.18	2.20789	0.335	17.57	0.362	13.24	42.2811	105.2417215	105.295305	1.571839	105.284394	
2010	129	2100	129.875000000		05/09/2010 21:00	157.2	2.20818	0.336	17.56	0.362	13.19	42.2805	105.241912	105.295495	1.572039	105.284594	
2010	129	2200	129.916666667		05/09/2010 22:00	157.21	2.20832	0.335	17.57	0.362	13.14	42.2802	105.2420073	105.295591	1.572139	105.284694	
2010	129	2300	129.958333333		05/09/2010 23:00	157.15	2.20747	0.336	17.56	0.363	13.09	42.2820	105.2414358	105.295019	1.571539	105.284094	
2010	129	2400	130.000000000		05/10/2010 0:00	157.15	2.20747	0.336	17.54	0.363	13.05	42.2820	105.2414358	105.295019	1.571539	105.284094	
2010	130	100	130.041666667		05/10/2010 1:00	157.1	2.20677	0.335	17.59	0.362	13.01	42.2836	105.2409595	105.294543	1.571039	105.283594	
2010	130	200	130.083333333		05/10/2010 2:00	157.01	2.20551	0.336	17.54	0.363	12.97	42.2864	105.2401023	105.293686	1.570139	105.282694	
2010	130	300	130.125000000		05/10/2010 3:00	156.98	2.20508	0.335	17.56	0.362	12.93	42.2873	105.2398165	105.293400	1.569839	105.282394	
2010	130	400	130.166666667		05/10/2010 4:00	156.93	2.20438	0.335	17.56	0.362	12.89	42.2889	105.2393402	105.292924	1.569339	105.281894	
2010	130	500	130.208333333		05/10/2010 5:00	156.9	2.20396	0.336	17.55	0.363	12.86	42.2898	105.2390545	105.292638	1.569039	105.281594	
2010	130	600	130.250000000		05/10/2010 6:00	156.91	2.20410	0.336	17.55	0.363	12.94	42.2895	105.2391497	105.292733	1.569139	105.281694	
2010	130	700	130.291666667		05/10/2010 7:00	156.89	2.20382	0.336	17.57	0.363	13.41	42.2902	105.2389592	105.292543	1.568939	105.281494	
2010	130	800	130.333333333		05/10/2010 8:00	156.93	2.20438	0.336	17.54	0.363	13.9	42.2889	105.2393402	105.292924	1.569339	105.281894	
2010	130	900	130.375000000		05/10/2010 9:00	156.97	2.20494	0.336	17.56	0.363	13.87	42.2877	105.2397213	105.293305	1.569739	105.282294	
2010	130	1000	130.416666667		05/10/2010 10:00	157.08	2.20649	0.336	17.56	0.363	13.84	42.2842	105.240769	105.294352	1.570839	105.283394	
2010	130	1100	130.458333333		05/10/2010 11:00	157.19	2.20803	0.336	17.55	0.363	13.85	42.2808	105.2418168	105.295400	1.571939	105.284494	
2010	130	1200	130.500000000		05/10/2010 12:00	157.33	2.21000	0.336	17.55	0.363	13.86	42.2764	105.2431503	105.296734	1.573339	105.285894	
2010	130	1300	130.541666667		05/10/2010 13:00	157.43	2.21141	0.335	17.56	0.362	13.83	42.2733	105.2441028	105.297686	1.574339	105.286894	
2010	130	1400	130.583333333		05/10/2010 14:00	157.55	2.21309	0.336	17.55	0.363	13.76	42.2695	105.2452458	105.298829	1.575539	105.288094	
2010	130	1500	130.625000000		05/10/2010 15:00	157.78	2.21632	0.336	17.55	0.363	13.69	42.2623	105.2474365	105.301020	1.577839	105.290394	
2010	130	1600	130.666666667		05/10/2010 16:00	157.94	2.21857	0.336	17.56	0.363	13.76	42.2573	105.2489606	105.302544	1.579439	105.291995	
2010	130	1700	130.708333333		05/10/2010 17:00	158.03	2.21983	0.336	17.55	0.363	13.78	42.2545	105.2498178	105.303401	1.580339	105.292895	
2010	130	1800	130.750000000		05/10/2010 18:00	158.23	2.22264	0.336	17.55	0.363	13.68	42.2483	105.2517228	105.305306	1.582339	105.294895	
2010	130	1900	130.791666667		05/10/2010 19:00	158.33	2.22405	0.336	17.57	0.363	13.55	42.2452	105.2526753	105.306259	1.583339	105.295895	
2010	130	2000	130.833333333		05/10/2010 20:00	158.49	2.22630	0.336	17.57	0.362	13.45	42.2402	105.2541993	105.307783	1.584939	105.297495	
2010	130	2100	130.875000000		05/10/2010 21:00	158.61	2.22798	0.336	17.55	0.363	13.38	42.2364	105.2553423	105.308926	1.586139	105.298695	
2010	130	2200	130.916666667		05/10/2010 22:00	158.68	2.22896	0.336	17.56	0.363	13.32	42.2342	105.2560091	105.309592	1.586839	105.299395	
2010	130	2300	130.958333333		05/10/2010 23:00	158.88	2.23177	0.336	17.57	0.363	13.26	42.2280	105.2579141	105.311497	1.588839	105.301395	
2010	130	2400	131.000000000		05/11/2010 0:00	158.97	2.23304	0.336	17.55	0.363	13.21	42.2252	105.2587714	105.312355	1.589739	105.302295	
2010	131	100	131.041666667		05/11/2010 1:00	158.96	2.23290	0.336	17.55	0.363	13.16	42.2255	105.2586761	105.312259	1.589639	105.302195	
2010	131	200	131.083333333		05/11/2010 2:00	159.01	2.23360	0.336	17.57	0.363	13.11	42.2239	105.2591524	105.312736	1.590139	105.302695	
2010	131	300	131.125000000		05/11/2010 3:00	159.01	2.23360	0.336	17.57	0.362	13.07	42.2239	105.2591524	105.312736	1.590139	105.302695	
2010	131	400	131.166666667		05/11/2010 4:00	159.05	2.23416	0.335	17.55	0.362	13.02	42.2227	105.2595334	105.313117	1.590539	105.303095	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	131	500	131.208333333		05/11/2010 5:00	158.95	2.23276	0.335	17.57	0.362	12.99	42.2258	105.2585809	105.312164	1.589539	105.302095	
2010	131	600	131.250000000		05/11/2010 6:00	158.94	2.23262	0.335	17.55	0.362	13.89	42.2261	105.2584856	105.312069	1.589439	105.301995	
2010	131	700	131.291666667		05/11/2010 7:00	158.91	2.23220	0.336	17.56	0.363	13.86	42.2270	105.2581999	105.311783	1.589139	105.301695	
2010	131	800	131.333333333		05/11/2010 8:00	158.87	2.23163	0.336	17.57	0.362	13.76	42.2283	105.2578189	105.311402	1.588739	105.301295	
2010	131	900	131.375000000		05/11/2010 9:00	158.82	2.23093	0.335	17.56	0.362	13.68	42.2298	105.2573426	105.310926	1.588239	105.300795	
2010	131	1000	131.416666667		05/11/2010 10:00	158.79	2.23051	0.336	17.56	0.362	13.61	42.2308	105.2570568	105.310640	1.587939	105.300495	
2010	131	1100	131.458333333		05/11/2010 11:00	158.79	2.23051	0.336	17.56	0.362	13.56	42.2308	105.2570568	105.310640	1.587939	105.300495	
2010	131	1200	131.500000000		05/11/2010 12:00	158.72	2.22953	0.335	17.57	0.362	13.57	42.2330	105.2563901	105.309973	1.587239	105.299795	
2010	131	1300	131.541666667		05/11/2010 13:00	158.78	2.23037	0.336	17.57	0.363	13.5	42.2311	105.2569616	105.310545	1.587839	105.300395	
2010	131	1400	131.583333333		05/11/2010 14:00	158.82	2.23093	0.336	17.56	0.363	13.43	42.2298	105.2573426	105.310926	1.588239	105.300795	
2010	131	1500	131.625000000		05/11/2010 15:00	158.91	2.23220	0.336	17.56	0.363	13.39	42.2270	105.2581999	105.311783	1.589139	105.301695	
2010	131	1600	131.666666667		05/11/2010 16:00	159.02	2.23374	0.335	17.57	0.362	13.39	42.2236	105.2592476	105.312831	1.590239	105.302795	
2010	131	1700	131.708333333		05/11/2010 17:00	159.13	2.23529	0.336	17.55	0.363	13.41	42.2202	105.2602954	105.313879	1.591339	105.303895	
2010	131	1800	131.750000000		05/11/2010 18:00	159.26	2.23711	0.336	17.55	0.363	13.36	42.2161	105.2615336	105.315117	1.592639	105.305195	
2010	131	1900	131.791666667		05/11/2010 19:00	159.51	2.24062	0.336	17.57	0.362	13.25	42.2083	105.2639149	105.317498	1.595139	105.307695	
2010	131	2000	131.833333333		05/11/2010 20:00	159.72	2.24357	0.336	17.57	0.362	13.18	42.2017	105.2659151	105.319498	1.597239	105.309795	
2010	131	2100	131.875000000		05/11/2010 21:00	159.9	2.24610	0.336	17.54	0.363	13.12	42.1961	105.2676297	105.321213	1.599039	105.311595	
2010	131	2200	131.916666667		05/11/2010 22:00	160.12	2.24919	0.336	17.57	0.362	13.07	42.1892	105.2697252	105.323308	1.601239	105.313795	
2010	131	2300	131.958333333		05/11/2010 23:00	160.34	2.25228	0.336	17.54	0.363	13.03	42.1823	105.2718207	105.325404	1.603440	105.315995	
2010	131	2400	132.000000000		05/12/2010 0:00	160.48	2.25425	0.336	17.54	0.363	12.99	42.1780	105.2731542	105.326737	1.604840	105.317395	
2010	132	100	132.041666667		05/12/2010 1:00	160.69	2.25720	0.336	17.55	0.363	12.95	42.1714	105.2751544	105.328738	1.606940	105.319495	
2010	132	200	132.083333333		05/12/2010 2:00	160.81	2.25888	0.336	17.56	0.363	12.91	42.1677	105.2762975	105.329881	1.608140	105.320695	
2010	132	300	132.125000000		05/12/2010 3:00	160.9	2.26015	0.336	17.56	0.363	12.88	42.1648	105.2771547	105.330738	1.609040	105.321595	
2010	132	400	132.166666667		05/12/2010 4:00	161.01	2.26169	0.335	17.55	0.362	12.85	42.1614	105.2782025	105.331786	1.610140	105.322695	
2010	132	500	132.208333333		05/12/2010 5:00	161.05	2.26226	0.335	17.55	0.362	12.84	42.1602	105.2785835	105.332167	1.610540	105.323095	
2010	132	600	132.250000000		05/12/2010 6:00	161.14	2.26352	0.336	17.57	0.363	13.83	42.1573	105.2794407	105.333024	1.611440	105.323995	
2010	132	700	132.291666667		05/12/2010 7:00	161.27	2.26535	0.336	17.56	0.362	13.8	42.1533	105.280679	105.334262	1.612740	105.325295	
2010	132	800	132.333333333		05/12/2010 8:00	161.38	2.26689	0.336	17.56	0.363	13.69	42.1498	105.2817267	105.335310	1.613840	105.326395	
2010	132	900	132.375000000		05/12/2010 9:00	161.55	2.26928	0.336	17.57	0.362	13.61	42.1445	105.283346	105.336929	1.615540	105.328095	
2010	132	1000	132.416666667		05/12/2010 10:00	161.66	2.27082	0.336	17.56	0.363	13.55	42.1411	105.2843938	105.337977	1.616640	105.329195	
2010	132	1100	132.458333333		05/12/2010 11:00	161.87	2.27377	0.336	17.58	0.362	13.53	42.1345	105.286394	105.339977	1.618740	105.331295	
2010	132	1200	132.500000000		05/12/2010 12:00	162.02	2.27588	0.336	17.56	0.363	13.54	42.1298	105.2878228	105.341406	1.620240	105.332796	
2010	132	1300	132.541666667		05/12/2010 13:00	162.25	2.27911	0.336	17.56	0.363	13.48	42.1227	105.2900135	105.343597	1.622540	105.335096	
2010	132	1400	132.583333333		05/12/2010 14:00	162.52	2.28290	0.336	17.56	0.363	13.41	42.1142	105.2925853	105.346169	1.625240	105.337796	
2010	132	1500	132.625000000		05/12/2010 15:00	162.69	2.28529	0.336	17.57	0.363	13.4	42.1089	105.2942046	105.347788	1.626940	105.339496	
2010	132	1600	132.666666667		05/12/2010 16:00	162.92	2.28852	0.336	17.57	0.363	13.4	42.1017	105.2963953	105.349979	1.629240	105.341796	
2010	132	1700	132.708333333		05/12/2010 17:00	163.08	2.29077	0.336	17.56	0.363	13.41	42.0967	105.2979193	105.351503	1.630840	105.343396	
2010	132	1800	132.750000000		05/12/2010 18:00	163.28	2.29358	0.336	17.56	0.363	13.34	42.0905	105.2998243	105.353408	1.632840	105.345396	
2010	132	1900	132.791666667		05/12/2010 19:00	163.48	2.29639	0.336	17.57	0.363	13.23	42.0842	105.3017293	105.355313	1.634840	105.347396	
2010	132	2000	132.833333333		05/12/2010 20:00	163.59	2.29794	0.336	17.55	0.363	13.16	42.0808	105.3027771	105.356360	1.635940	105.348496	
2010	132	2100	132.875000000		05/12/2010 21:00	163.73	2.29990	0.336	17.55	0.363	13.1	42.0764	105.3041106	105.357694	1.637340	105.349896	
2010	132	2200	132.916666667		05/12/2010 22:00	163.86	2.30173	0.336	17.55	0.363	13.05	42.0723	105.3053489	105.358932	1.638640	105.351196	
2010	132	2300	132.958333333		05/12/2010 23:00	163.89	2.30215	0.336	17.56	0.362	13.01	42.0714	105.3056346	105.359218	1.638940	105.351496	
2010	132	2400	133.000000000		05/13/2010 0:00	163.98	2.30341	0.336	17.57	0.362	12.97	42.0686	105.3064919	105.360075	1.639840	105.352396	
2010	133	100	133.041666667		05/13/2010 1:00	163.99	2.30355	0.336	17.57	0.362	12.93	42.0683	105.3065871	105.360170	1.639940	105.352496	
2010	133	200	133.083333333		05/13/2010 2:00	164.17	2.30608	0.336	17.55	0.363	12.9	42.0627	105.3083016	105.361885	1.641740	105.354296	
2010	133	300	133.125000000		05/13/2010 3:00	164.33	2.30833	0.336	17.54	0.363	12.86	42.0577	105.3098256	105.363409	1.643341	105.355896	
2010	133	400	133.166666667		05/13/2010 4:00	164.49	2.31058	0.336	17.54	0.363	12.85	42.0527	105.3113497	105.364933	1.644941	105.357496	
2010	133	500	133.208333333		05/13/2010 5:00	164.61	2.31226	0.336	17.54	0.363	12.84	42.0489	105.3124927	105.366076	1.646141	105.358696	
2010	133	600	133.250000000		05/13/2010 6:00	164.83	2.31535	0.336	17.54	0.363	13.84	42.0420	105.3145882	105.368171	1.648341	105.360896	
2010	133	700	133.291666667		05/13/2010 7:00	165.04	2.31830	0.336	17.54	0.363	13.79	42.0355	105.3165884	105.370172	1.650441	105.362996	
2010	133	800	133.333333333		05/13/2010 8:00	165.25	2.32125	0.336	17.57	0.362	13.7	42.0289	105.3185887	105.372172	1.652541	105.365096	
2010	133	900	133.375000000		05/13/2010 9:00	165.51	2.32491	0.336	17.57	0.362	13.62	42.0208	105.3210652	105.374648	1.655141	105.367696	
2010	133	1000	133.416666667		05/13/2010 10:00	165.75	2.32828	0.336	17.56	0.363	13.55	42.0133	105.3233512	105.376934	1.657541	105.370096	
2010	133	1100	133.458333333		05/13/2010 11:00	166.09	2.33305	0.336	17.55	0.363	13.51	42.0027	105.3265897	105.380173	1.660941	105.373497	
2010	133	1200	133.500000000		05/13/2010 12:00	166.36	2.33685	0.336	17.57	0.363	13.51	41.9942	105.3291615	105.382745	1.663641	105.376197	
2010	133	1300	133.541666667		05/13/2010 13:00	166.67	2.34120	0.336	17.56	0.363	13.43	41.9845	105.3321143	105.385698	1.666741	105.379297	
2010	133	1400	133.583333333		05/13/2010 14:00	167.06	2.34668	0.336	17.55	0.363	13.38	41.9723	105.335829	105.389412	1.670641	105.383197	
2010	133	1500	133.625000000		05/13/2010 15:00	167.4	2.35145	0.336	17.55	0.363	13.36	41.9617	105.3390676	105.392651	1.674041	105.386597	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	133	1600	133.666666667		05/13/2010 16:00	167.76	2.35651	0.335	17.54	0.363	13.36	41.9505	105.3424966	105.396080	1.677641	105.390197	
2010	133	1700	133.708333333		05/13/2010 17:00	168.14	2.36185	0.336	17.55	0.363	13.38	41.9386	105.3461161	105.399699	1.681441	105.393997	
2010	133	1800	133.750000000		05/13/2010 18:00	168.46	2.36634	0.336	17.55	0.363	13.3	41.9286	105.3491641	105.402747	1.684642	105.397197	
2010	133	1900	133.791666667		05/13/2010 19:00	168.79	2.37098	0.336	17.54	0.363	13.19	41.9183	105.3523074	105.405891	1.687942	105.400497	
2010	133	2000	133.833333333		05/13/2010 20:00	169.08	2.37505	0.336	17.52	0.363	13.12	41.9092	105.3550696	105.408653	1.690842	105.403397	
2010	133	2100	133.875000000		05/13/2010 21:00	169.41	2.37969	0.335	17.55	0.363	13.06	41.8989	105.3582129	105.411796	1.694142	105.406697	
2010	133	2200	133.916666667		05/13/2010 22:00	169.72	2.38404	0.336	17.53	0.363	13.01	41.8892	105.3611657	105.414749	1.697242	105.409797	
2010	133	2300	133.958333333		05/13/2010 23:00	170.01	2.38812	0.336	17.55	0.363	12.97	41.8802	105.3639279	105.417511	1.700142	105.412698	
2010	133	2400	134.000000000		05/14/2010 0:00	170.23	2.39121	0.336	17.54	0.363	12.94	41.8733	105.3660235	105.419607	1.702342	105.414898	
2010	134	100	134.041666667		05/14/2010 1:00	170.45	2.39430	0.336	17.55	0.363	12.9	41.8664	105.368119	105.421702	1.704542	105.417098	
2010	134	200	134.083333333		05/14/2010 2:00	170.67	2.39739	0.336	17.54	0.363	12.88	41.8595	105.3702145	105.423798	1.706742	105.419298	
2010	134	300	134.125000000		05/14/2010 3:00	170.82	2.39949	0.336	17.53	0.363	12.85	41.8548	105.3716432	105.425227	1.708242	105.420798	
2010	134	400	134.166666667		05/14/2010 4:00	171	2.40202	0.336	17.53	0.363	12.84	41.8492	105.3733578	105.426941	1.710042	105.422598	
2010	134	500	134.208333333		05/14/2010 5:00	171.13	2.40385	0.336	17.53	0.363	12.84	41.8452	105.374596	105.428179	1.711342	105.423898	
2010	134	600	134.250000000		05/14/2010 6:00	171.2	2.40483	0.336	17.53	0.363	13.88	41.8430	105.3752628	105.428846	1.712042	105.424598	
2010	134	700	134.291666667		05/14/2010 7:00	171.31	2.40638	0.336	17.54	0.363	13.8	41.8395	105.3763105	105.429894	1.713142	105.425698	
2010	134	800	134.333333333		05/14/2010 8:00	171.4	2.40764	0.336	17.55	0.363	13.7	41.8367	105.3771678	105.430751	1.714042	105.426598	
2010	134	900	134.375000000		05/14/2010 9:00	171.37	2.40722	0.335	17.54	0.362	13.58	41.8377	105.376882	105.430465	1.713742	105.426298	
2010	134	1000	134.416666667		05/14/2010 10:00	171.38	2.40736	0.336	17.54	0.363	13.51	41.8373	105.3769773	105.430561	1.713842	105.426398	
2010	134	1100	134.458333333		05/14/2010 11:00	171.39	2.40750	0.336	17.52	0.363	13.44	41.8370	105.3770725	105.430656	1.713942	105.426498	
2010	134	1200	134.500000000		05/14/2010 12:00	171.38	2.40736	0.336	17.56	0.363	13.43	41.8373	105.3769773	105.430561	1.713842	105.426398	
2010	134	1300	134.541666667		05/14/2010 13:00	171.39	2.40750	0.336	17.56	0.363	13.37	41.8370	105.3770725	105.430656	1.713942	105.426498	
2010	134	1400	134.583333333		05/14/2010 14:00	171.38	2.40736	0.336	17.56	0.362	13.3	41.8373	105.3769773	105.430561	1.713842	105.426398	
2010	134	1500	134.625000000		05/14/2010 15:00	171.46	2.40848	0.336	17.56	0.363	13.28	41.8348	105.3777393	105.431323	1.714642	105.427198	
2010	134	1600	134.666666667		05/14/2010 16:00	171.43	2.40806	0.336	17.55	0.363	13.29	41.8358	105.3774535	105.431037	1.714342	105.426898	
2010	134	1700	134.708333333		05/14/2010 17:00	171.55	2.40975	0.336	17.55	0.363	13.31	41.8320	105.3785965	105.432180	1.715542	105.428098	
2010	134	1800	134.750000000		05/14/2010 18:00	171.58	2.41017	0.336	17.54	0.363	13.24	41.8311	105.3788823	105.432466	1.715842	105.428398	
2010	134	1900	134.791666667		05/14/2010 19:00	171.68	2.41157	0.336	17.55	0.363	13.13	41.8280	105.3798348	105.433418	1.716842	105.429398	
2010	134	2000	134.833333333		05/14/2010 20:00	171.77	2.41284	0.336	17.55	0.363	13.06	41.8252	105.380692	105.434275	1.717742	105.430298	
2010	134	2100	134.875000000		05/14/2010 21:00	171.9	2.41466	0.336	17.56	0.363	13.01	41.8211	105.3819303	105.435514	1.719042	105.431598	
2010	134	2200	134.916666667		05/14/2010 22:00	172.06	2.41691	0.336	17.55	0.363	12.96	41.8161	105.3834543	105.437038	1.720642	105.433198	
2010	134	2300	134.958333333		05/14/2010 23:00	172.22	2.41916	0.335	17.55	0.363	12.93	41.8111	105.3849783	105.438562	1.722242	105.434798	
2010	134	2400	135.000000000		05/15/2010 0:00	172.35	2.42099	0.336	17.53	0.363	12.91	41.8070	105.3862166	105.439800	1.723543	105.436098	
2010	135	100	135.041666667		05/15/2010 1:00	172.53	2.42351	0.336	17.55	0.363	12.89	41.8014	105.3879311	105.441514	1.725343	105.437898	
2010	135	200	135.083333333		05/15/2010 2:00	172.62	2.42478	0.336	17.55	0.363	12.87	41.7986	105.3887883	105.442372	1.726243	105.438798	
2010	135	300	135.125000000		05/15/2010 3:00	172.8	2.42731	0.336	17.55	0.363	12.87	41.7930	105.3905028	105.444086	1.728043	105.440598	
2010	135	400	135.166666667		05/15/2010 4:00	172.92	2.42899	0.336	17.54	0.363	12.86	41.7892	105.3916459	105.445229	1.729243	105.441798	
2010	135	500	135.208333333		05/15/2010 5:00	173.02	2.43040	0.336	17.55	0.363	12.86	41.7861	105.3925984	105.446182	1.730243	105.442798	
2010	135	600	135.250000000		05/15/2010 6:00	173.02	2.43040	0.336	17.53	0.363	13.78	41.7861	105.3925984	105.446182	1.730243	105.442798	
2010	135	700	135.291666667		05/15/2010 7:00	173.12	2.43180	0.336	17.54	0.363	13.7	41.7830	105.3935509	105.447134	1.731243	105.443798	
2010	135	800	135.333333333		05/15/2010 8:00	173.18	2.43265	0.336	17.53	0.363	13.58	41.7811	105.3941224	105.447706	1.731843	105.444398	
2010	135	900	135.375000000		05/15/2010 9:00	173.18	2.43265	0.336	17.55	0.363	13.49	41.7811	105.3941224	105.447706	1.731843	105.444398	
2010	135	1000	135.416666667		05/15/2010 10:00	173.19	2.43279	0.336	17.56	0.363	13.41	41.7808	105.3942176	105.447801	1.731943	105.444498	
2010	135	1100	135.458333333		05/15/2010 11:00	173.17	2.43250	0.336	17.54	0.363	13.38	41.7814	105.3940271	105.447610	1.731743	105.444298	
2010	135	1200	135.500000000		05/15/2010 12:00	173.17	2.43250	0.335	17.55	0.363	13.38	41.7814	105.3940271	105.447610	1.731743	105.444298	
2010	135	1300	135.541666667		05/15/2010 13:00	173.17	2.43250	0.336	17.56	0.362	13.32	41.7814	105.3940271	105.447610	1.731743	105.444298	
2010	135	1400	135.583333333		05/15/2010 14:00	173.06	2.43096	0.336	17.54	0.363	13.27	41.7848	105.3929794	105.446563	1.730643	105.443198	
2010	135	1500	135.625000000		05/15/2010 15:00	173.02	2.43040	0.336	17.57	0.362	13.26	41.7861	105.3925984	105.446182	1.730243	105.442798	
2010	135	1600	135.666666667		05/15/2010 16:00	172.95	2.42941	0.336	17.56	0.363	13.27	41.7883	105.3919316	105.445515	1.729543	105.442098	
2010	135	1700	135.708333333		05/15/2010 17:00	172.91	2.42885	0.336	17.56	0.363	13.29	41.7895	105.3915506	105.445134	1.729143	105.441698	
2010	135	1800	135.750000000		05/15/2010 18:00	172.89	2.42857	0.336	17.55	0.363	13.32	41.7902	105.3913601	105.444943	1.728943	105.441498	
2010	135	1900	135.791666667		05/15/2010 19:00	172.8	2.42731	0.335	17.55	0.363	13.18	41.7930	105.3905028	105.444086	1.728043	105.440598	
2010	135	2000	135.833333333		05/15/2010 20:00	172.74	2.42646	0.336	17.54	0.363	13.1	41.7948	105.3899313	105.443515	1.727443	105.439998	
2010	135	2100	135.875000000		05/15/2010 21:00	172.7	2.42590	0.336	17.54	0.363	13.04	41.7961	105.3895503	105.443134	1.727043	105.439598	
2010	135	2200	135.916666667		05/15/2010 22:00	172.7	2.42590	0.336	17.54	0.363	12.99	41.7961	105.3895503	105.443134	1.727043	105.439598	
2010	135	2300	135.958333333		05/15/2010 23:00	172.63	2.42492	0.336	17.53	0.363	12.95	41.7983	105.3888836	105.442467	1.726343	105.438898	
2010	135	2400	136.000000000		05/16/2010 0:00	172.51	2.42323	0.336	17.55	0.363	12.93	41.8020	105.3877406	105.441324	1.725143	105.437698	
2010	136	100	136.041666667		05/16/2010 1:00	172.4	2.42169	0.336	17.55	0.363	12.91	41.8055	105.3866928	105.440276	1.724043	105.436598	
2010	136	200	136.083333333		05/16/2010 2:00	172.25	2.41958	0.336	17.54	0.363	12.91	41.8102	105.3852641	105.438847	1.722542	105.435098	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	136	300	136.125000000		05/16/2010 3:00	172.1	2.41747	0.336	17.54	0.363	12.9	41.8148	105.3838353	105.437419	1.721042	105.433598	
2010	136	400	136.166666667		05/16/2010 4:00	172.03	2.41649	0.336	17.54	0.363	12.9	41.8170	105.3831686	105.436752	1.720342	105.432898	
2010	136	500	136.208333333		05/16/2010 5:00	171.79	2.41312	0.336	17.54	0.363	12.9	41.8245	105.3808825	105.434466	1.717942	105.430498	
2010	136	600	136.250000000		05/16/2010 6:00	171.68	2.41157	0.336	17.55	0.363	13.67	41.8280	105.3798348	105.433418	1.716842	105.429398	
2010	136	700	136.291666667		05/16/2010 7:00	171.45	2.40834	0.336	17.53	0.363	13.65	41.8352	105.377644	105.431227	1.714542	105.427098	
2010	136	800	136.333333333		05/16/2010 8:00	171.39	2.40750	0.336	17.55	0.363	13.6	41.8370	105.3770725	105.430656	1.713942	105.426498	
2010	136	900	136.375000000		05/16/2010 9:00	171.27	2.40582	0.336	17.54	0.363	13.51	41.8408	105.3759295	105.429513	1.712742	105.425298	
2010	136	1000	136.416666667		05/16/2010 10:00	171.19	2.40469	0.336	17.55	0.363	13.43	41.8433	105.3751675	105.428751	1.711942	105.424498	
2010	136	1100	136.458333333		05/16/2010 11:00	171.18	2.40455	0.336	17.56	0.363	13.39	41.8436	105.3750723	105.428656	1.711842	105.424398	
2010	136	1200	136.500000000		05/16/2010 12:00	171.08	2.40315	0.336	17.55	0.363	13.37	41.8467	105.3741198	105.427703	1.710842	105.423398	
2010	136	1300	136.541666667		05/16/2010 13:00	170.95	2.40132	0.336	17.55	0.363	13.33	41.8508	105.3728815	105.426465	1.709542	105.422098	
2010	136	1400	136.583333333		05/16/2010 14:00	170.9	2.40062	0.336	17.56	0.363	13.29	41.8523	105.3724052	105.425989	1.709042	105.421598	
2010	136	1500	136.625000000		05/16/2010 15:00	170.82	2.39949	0.336	17.56	0.363	13.26	41.8548	105.3716432	105.425227	1.708242	105.420798	
2010	136	1600	136.666666667		05/16/2010 16:00	170.65	2.39711	0.336	17.56	0.363	13.29	41.8602	105.370024	105.423607	1.706542	105.419098	
2010	136	1700	136.708333333		05/16/2010 17:00	170.54	2.39556	0.336	17.55	0.363	13.31	41.8636	105.3689762	105.422559	1.705442	105.417998	
2010	136	1800	136.750000000		05/16/2010 18:00	170.45	2.39430	0.336	17.55	0.363	13.35	41.8664	105.368119	105.421702	1.704542	105.417098	
2010	136	1900	136.791666667		05/16/2010 19:00	170.28	2.39191	0.336	17.56	0.363	13.21	41.8717	105.3664997	105.420083	1.702842	105.415398	
2010	136	2000	136.833333333		05/16/2010 20:00	170.14	2.38994	0.336	17.54	0.363	13.12	41.8761	105.3651662	105.418749	1.701442	105.413998	
2010	136	2100	136.875000000		05/16/2010 21:00	170.04	2.38854	0.336	17.54	0.363	13.06	41.8792	105.3642137	105.417797	1.700442	105.412998	
2010	136	2200	136.916666667		05/16/2010 22:00	169.93	2.38699	0.336	17.54	0.363	13.01	41.8827	105.3631659	105.416749	1.699342	105.411897	
2010	136	2300	136.958333333		05/16/2010 23:00	169.87	2.38615	0.336	17.56	0.363	12.97	41.8845	105.3625944	105.416178	1.698742	105.411297	
2010	136	2400	137.000000000		05/17/2010 0:00	169.68	2.38348	0.336	17.55	0.363	12.95	41.8905	105.3607847	105.414368	1.696842	105.409397	
2010	137	100	137.041666667		05/17/2010 1:00	169.54	2.38151	0.336	17.53	0.363	12.92	41.8948	105.3594512	105.413034	1.695442	105.407997	
2010	137	200	137.083333333		05/17/2010 2:00	169.4	2.37955	0.336	17.56	0.363	12.91	41.8992	105.3581177	105.411701	1.694042	105.406597	
2010	137	300	137.125000000		05/17/2010 3:00	169.39	2.37941	0.336	17.55	0.363	12.91	41.8995	105.3580224	105.411606	1.693942	105.406497	
2010	137	400	137.166666667		05/17/2010 4:00	169.22	2.37702	0.336	17.54	0.363	12.91	41.9048	105.3564032	105.409986	1.692242	105.404797	
2010	137	500	137.208333333		05/17/2010 5:00	169.08	2.37505	0.336	17.56	0.363	12.9	41.9092	105.3550696	105.408653	1.690842	105.403397	
2010	137	600	137.250000000		05/17/2010 6:00	169.04	2.37449	0.336	17.55	0.363	13.11	41.9105	105.3546886	105.408272	1.690442	105.402997	
2010	137	700	137.291666667		05/17/2010 7:00	169	2.37393	0.336	17.56	0.363	13.66	41.9117	105.3543076	105.407891	1.690042	105.402597	
2010	137	800	137.333333333		05/17/2010 8:00	169	2.37393	0.336	17.52	0.363	13.62	41.9117	105.3543076	105.407891	1.690042	105.402597	
2010	137	900	137.375000000		05/17/2010 9:00	169.13	2.37576	0.336	17.54	0.363	13.55	41.9077	105.3555459	105.409129	1.691342	105.403897	
2010	137	1000	137.416666667		05/17/2010 10:00	169.08	2.37505	0.336	17.55	0.363	13.55	41.9092	105.3550696	105.408653	1.690842	105.403397	
2010	137	1100	137.458333333		05/17/2010 11:00	169.07	2.37491	0.336	17.55	0.363	13.59	41.9095	105.3549744	105.408558	1.690742	105.403297	
2010	137	1200	137.500000000		05/17/2010 12:00	169.11	2.37547	0.336	17.55	0.363	13.59	41.9083	105.3553554	105.408939	1.691142	105.403697	
2010	137	1300	137.541666667		05/17/2010 13:00	169.36	2.37899	0.336	17.57	0.363	13.48	41.9005	105.3577367	105.411320	1.693642	105.406197	
2010	137	1400	137.583333333		05/17/2010 14:00	169.42	2.37983	0.336	17.55	0.363	13.41	41.8986	105.3583082	105.411891	1.694242	105.406797	
2010	137	1500	137.625000000		05/17/2010 15:00	169.52	2.38123	0.336	17.56	0.363	13.35	41.8955	105.3592607	105.412844	1.695242	105.407797	
2010	137	1600	137.666666667		05/17/2010 16:00	169.71	2.38390	0.336	17.56	0.363	13.36	41.8895	105.3610704	105.414654	1.697142	105.409697	
2010	137	1700	137.708333333		05/17/2010 17:00	169.77	2.38475	0.336	17.55	0.363	13.36	41.8877	105.3616419	105.415225	1.697742	105.410297	
2010	137	1800	137.750000000		05/17/2010 18:00	169.95	2.38727	0.336	17.55	0.363	13.26	41.8820	105.3633564	105.416940	1.699542	105.412097	
2010	137	1900	137.791666667		05/17/2010 19:00	170.16	2.39022	0.336	17.55	0.363	13.16	41.8755	105.3653567	105.418940	1.701642	105.414198	
2010	137	2000	137.833333333		05/17/2010 20:00	170.36	2.39303	0.336	17.55	0.363	13.09	41.8692	105.3672617	105.420845	1.703642	105.416198	
2010	137	2100	137.875000000		05/17/2010 21:00	170.59	2.39626	0.336	17.56	0.362	13.04	41.8620	105.3694525	105.423036	1.705942	105.418498	
2010	137	2200	137.916666667		05/17/2010 22:00	170.79	2.39907	0.336	17.55	0.363	13.01	41.8558	105.3713575	105.424941	1.707942	105.420498	
2010	137	2300	137.958333333		05/17/2010 23:00	170.98	2.40174	0.336	17.53	0.363	12.97	41.8498	105.3731673	105.426751	1.709842	105.422398	
2010	137	2400	138.000000000		05/18/2010 0:00	171.28	2.40596	0.336	17.54	0.363	12.95	41.8405	105.3760248	105.429608	1.712842	105.425398	
2010	138	100	138.041666667		05/18/2010 1:00	171.47	2.40862	0.336	17.56	0.363	12.93	41.8345	105.3778345	105.431418	1.714742	105.427298	
2010	138	200	138.083333333		05/18/2010 2:00	171.82	2.41354	0.336	17.54	0.363	12.92	41.8236	105.3811683	105.434752	1.718242	105.430798	
2010	138	300	138.125000000		05/18/2010 3:00	172.02	2.41635	0.336	17.53	0.363	12.91	41.8173	105.3830733	105.436657	1.720242	105.432798	
2010	138	400	138.166666667		05/18/2010 4:00	172.28	2.42000	0.336	17.53	0.363	12.9	41.8092	105.3855498	105.439133	1.722842	105.435398	
2010	138	500	138.208333333		05/18/2010 5:00	172.52	2.42337	0.336	17.54	0.363	12.9	41.8017	105.3878358	105.441419	1.725243	105.437798	
2010	138	600	138.250000000		05/18/2010 6:00	172.77	2.42689	0.336	17.54	0.363	12.89	41.7939	105.3902171	105.443800	1.727743	105.440298	
2010	138	700	138.291666667		05/18/2010 7:00	173.11	2.43166	0.336	17.53	0.363	12.99	41.7833	105.3934556	105.447039	1.731143	105.443698	
2010	138	800	138.333333333		05/18/2010 8:00	173.41	2.43588	0.336	17.54	0.363	13.73	41.7739	105.3963131	105.449896	1.734143	105.446698	
2010	138	900	138.375000000		05/18/2010 9:00	173.7	2.43995	0.336	17.54	0.363	13.74	41.7648	105.3990754	105.452659	1.737043	105.449598	
2010	138	1000	138.416666667		05/18/2010 10:00	174.01	2.44430	0.336	17.54	0.363	13.74	41.7552	105.4020282	105.455611	1.740143	105.452698	
2010	138	1100	138.458333333		05/18/2010 11:00	174.3	2.44838	0.336	17.55	0.363	13.71	41.7461	105.4047904	105.458374	1.743043	105.455599	
2010	138	1200	138.500000000		05/18/2010 12:00	174.65	2.45329	0.336	17.52	0.363	13.61	41.7352	105.4081242	105.461707	1.746543	105.459099	
2010	138	1300	138.541666667		05/18/2010 13:00	175.01	2.45835	0.336	17.53	0.363	13.53	41.7239	105.4115532	105.465136	1.750143	105.462699	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	138	1400	138.583333333		05/18/2010 14:00	175.35	2.46313	0.336	17.54	0.363	13.49	41.7133	105.4147917	105.468375	1.753543	105.466099	
2010	138	1500	138.625000000		05/18/2010 15:00	175.71	2.46818	0.336	17.54	0.363	13.49	41.7020	105.4182208	105.471804	1.757143	105.469699	
2010	138	1600	138.666666667		05/18/2010 16:00	176.16	2.47450	0.336	17.55	0.363	13.47	41.6880	105.422507	105.476090	1.761643	105.474199	
2010	138	1700	138.708333333		05/18/2010 17:00	176.37	2.47745	0.336	17.54	0.363	13.45	41.6814	105.4245073	105.478091	1.763743	105.476299	
2010	138	1800	138.750000000		05/18/2010 18:00	176.58	2.48040	0.336	17.54	0.363	13.37	41.6748	105.4265076	105.480091	1.765844	105.478399	
2010	138	1900	138.791666667		05/18/2010 19:00	176.96	2.48574	0.336	17.55	0.363	13.25	41.6630	105.4301271	105.483710	1.769644	105.482199	
2010	138	2000	138.833333333		05/18/2010 20:00	177.24	2.48968	0.336	17.53	0.363	13.17	41.6542	105.4327941	105.486377	1.772444	105.484999	
2010	138	2100	138.875000000		05/18/2010 21:00	177.56	2.49417	0.336	17.54	0.363	13.12	41.6442	105.4358421	105.489425	1.775644	105.488199	
2010	138	2200	138.916666667		05/18/2010 22:00	177.89	2.49881	0.336	17.54	0.363	13.07	41.6339	105.4389854	105.492569	1.778944	105.491499	
2010	138	2300	138.958333333		05/18/2010 23:00	178.2	2.50316	0.336	17.54	0.363	13.03	41.6242	105.4419381	105.495521	1.782044	105.494600	
2010	138	2400	139.000000000		05/19/2010 0:00	178.54	2.50794	0.336	17.53	0.363	13	41.6136	105.4451767	105.498760	1.785444	105.498000	
2010	139	100	139.041666667		05/19/2010 1:00	178.68	2.50990	0.336	17.53	0.363	12.97	41.6092	105.4465102	105.500093	1.786844	105.499400	
2010	139	200	139.083333333		05/19/2010 2:00	178.87	2.51257	0.336	17.53	0.363	12.93	41.6033	105.4483199	105.501903	1.788744	105.501300	
2010	139	300	139.125000000		05/19/2010 3:00	178.99	2.51426	0.336	17.52	0.363	12.92	41.5995	105.4494629	105.503046	1.789944	105.502500	
2010	139	400	139.166666667		05/19/2010 4:00	179.05	2.51510	0.336	17.53	0.363	12.9	41.5977	105.4500344	105.503618	1.790544	105.503100	
2010	139	500	139.208333333		05/19/2010 5:00	179.09	2.51566	0.336	17.53	0.363	12.95	41.5964	105.4504154	105.503999	1.790944	105.503500	
2010	139	600	139.250000000		05/19/2010 6:00	179.08	2.51552	0.336	17.54	0.363	13.78	41.5967	105.4503202	105.503903	1.790844	105.503400	
2010	139	700	139.291666667		05/19/2010 7:00	179	2.51440	0.336	17.54	0.363	13.74	41.5992	105.4495582	105.503141	1.790044	105.502600	
2010	139	800	139.333333333		05/19/2010 8:00	179.01	2.51454	0.336	17.54	0.363	13.67	41.5989	105.4496534	105.503237	1.790144	105.502700	
2010	139	900	139.375000000		05/19/2010 9:00	178.89	2.51285	0.336	17.52	0.363	13.6	41.6027	105.4485104	105.502094	1.788944	105.501500	
2010	139	1000	139.416666667		05/19/2010 10:00	178.84	2.51215	0.336	17.55	0.363	13.53	41.6042	105.4480342	105.501617	1.788444	105.501000	
2010	139	1100	139.458333333		05/19/2010 11:00	178.7	2.51018	0.336	17.52	0.363	13.51	41.6086	105.4467007	105.500284	1.787044	105.499600	
2010	139	1200	139.500000000		05/19/2010 12:00	178.48	2.50709	0.336	17.54	0.363	13.52	41.6155	105.4446052	105.498188	1.784844	105.497400	
2010	139	1300	139.541666667		05/19/2010 13:00	178.4	2.50597	0.336	17.54	0.363	13.47	41.6180	105.4438431	105.497426	1.784044	105.496600	
2010	139	1400	139.583333333		05/19/2010 14:00	178.15	2.50246	0.336	17.53	0.363	13.42	41.6258	105.4414619	105.495045	1.781544	105.494100	
2010	139	1500	139.625000000		05/19/2010 15:00	177.92	2.49923	0.336	17.52	0.363	13.42	41.6330	105.4392711	105.492854	1.779244	105.491799	
2010	139	1600	139.666666667		05/19/2010 16:00	177.67	2.49572	0.336	17.52	0.363	13.43	41.6408	105.4368899	105.490473	1.776744	105.489299	
2010	139	1700	139.708333333		05/19/2010 17:00	177.62	2.49501	0.336	17.54	0.363	13.52	41.6423	105.4364136	105.489997	1.776244	105.488799	
2010	139	1800	139.750000000		05/19/2010 18:00	177.71	2.49628	0.336	17.55	0.363	13.35	41.6395	105.4372709	105.490854	1.777144	105.489699	
2010	139	1900	139.791666667		05/19/2010 19:00	177.8	2.49754	0.336	17.52	0.363	13.3	41.6367	105.4381281	105.491711	1.778044	105.490599	
2010	139	2000	139.833333333		05/19/2010 20:00	177.64	2.49529	0.336	17.54	0.363	13.24	41.6417	105.4366041	105.490187	1.776444	105.488999	
2010	139	2100	139.875000000		05/19/2010 21:00	177.67	2.49572	0.336	17.54	0.363	13.18	41.6408	105.4368899	105.490473	1.776744	105.489299	
2010	139	2200	139.916666667		05/19/2010 22:00	177.82	2.49782	0.336	17.53	0.363	13.14	41.6361	105.4383186	105.491902	1.778244	105.490799	
2010	139	2300	139.958333333		05/19/2010 23:00	178.09	2.50162	0.336	17.53	0.363	13.09	41.6277	105.4408904	105.494474	1.780944	105.493499	
2010	139	2400	140.000000000		05/20/2010 0:00	178.21	2.50330	0.336	17.53	0.363	13.04	41.6239	105.4420334	105.495617	1.782144	105.494700	
2010	140	100	140.041666667		05/20/2010 1:00	178.24	2.50372	0.336	17.53	0.363	13	41.6230	105.4423191	105.495902	1.782444	105.495000	
2010	140	200	140.083333333		05/20/2010 2:00	178.46	2.50681	0.336	17.55	0.363	12.96	41.6161	105.4444147	105.497998	1.784644	105.497200	
2010	140	300	140.125000000		05/20/2010 3:00	178.56	2.50822	0.336	17.52	0.363	12.94	41.6130	105.4453672	105.498950	1.785644	105.498200	
2010	140	400	140.166666667		05/20/2010 4:00	178.65	2.50948	0.336	17.53	0.363	12.91	41.6102	105.4462244	105.499808	1.786544	105.499100	
2010	140	500	140.208333333		05/20/2010 5:00	178.84	2.51215	0.336	17.54	0.363	12.9	41.6042	105.4480342	105.501617	1.788444	105.501000	
2010	140	600	140.250000000		05/20/2010 6:00	178.95	2.51370	0.336	17.54	0.363	13.86	41.6008	105.4490819	105.502665	1.789544	105.502100	
2010	140	700	140.291666667		05/20/2010 7:00	178.87	2.51257	0.336	17.53	0.363	13.84	41.6033	105.4483199	105.501903	1.788744	105.501300	
2010	140	800	140.333333333		05/20/2010 8:00	179.05	2.51510	0.336	17.52	0.363	13.81	41.5977	105.4500344	105.503618	1.790544	105.503100	
2010	140	900	140.375000000		05/20/2010 9:00	179.07	2.51538	0.336	17.53	0.363	13.79	41.5970	105.4502249	105.503808	1.790744	105.503300	
2010	140	1000	140.416666667		05/20/2010 10:00	179.28	2.51833	0.336	17.53	0.363	13.73	41.5905	105.4522252	105.505808	1.792844	105.505400	
2010	140	1100	140.458333333		05/20/2010 11:00	179.43	2.52044	0.336	17.53	0.363	13.7	41.5858	105.453654	105.507237	1.794344	105.506900	
2010	140	1200	140.500000000		05/20/2010 12:00	179.35	2.51931	0.336	17.52	0.363	13.69	41.5883	105.4528919	105.506475	1.793544	105.506100	
2010	140	1300	140.541666667		05/20/2010 13:00	179.31	2.51875	0.336	17.52	0.363	13.67	41.5895	105.4525109	105.506094	1.793144	105.505700	
2010	140	1400	140.583333333		05/20/2010 14:00	179.56	2.52226	0.336	17.55	0.363	13.61	41.5817	105.4548922	105.508475	1.795644	105.508200	
2010	140	1500	140.625000000		05/20/2010 15:00	179.48	2.52114	0.336	17.54	0.363	13.61	41.5842	105.4541302	105.507713	1.794844	105.507400	
2010	140	1600	140.666666667		05/20/2010 16:00	179.53	2.52184	0.336	17.53	0.363	13.6	41.5827	105.4546065	105.508190	1.795344	105.507900	
2010	140	1700	140.708333333		05/20/2010 17:00	179.62	2.52311	0.336	17.53	0.363	13.63	41.5798	105.4554637	105.509047	1.796244	105.508800	
2010	140	1800	140.750000000		05/20/2010 18:00	179.6	2.52283	0.336	17.53	0.363	13.59	41.5805	105.4552732	105.508856	1.796044	105.508600	
2010	140	1900	140.791666667		05/20/2010 19:00	179.68	2.52395	0.336	17.54	0.363	13.44	41.5780	105.4560352	105.509618	1.796844	105.509400	
2010	140	2000	140.833333333		05/20/2010 20:00	179.71	2.52437	0.336	17.53	0.363	13.36	41.5770	105.456321	105.509904	1.797144	105.509700	
2010	140	2100	140.875000000		05/20/2010 21:00	179.87	2.52662	0.336	17.52	0.363	13.29	41.5720	105.457845	105.511428	1.798744	105.511300	
2010	140	2200	140.916666667		05/20/2010 22:00	180.05	2.52915	0.336	17.54	0.363	13.24	41.5664	105.4595595	105.513143	1.800544	105.513100	
2010	140	2300	140.958333333		05/20/2010 23:00	180.27	2.53224	0.336	17.52	0.363	13.19	41.5595	105.461655	105.515238	1.802744	105.515300	
2010	140	2400	141.000000000		05/21/2010 0:00	180.49	2.53533	0.336	17.54	0.363	13.14	41.5527	105.4637505	105.517334	1.804945	105.517500	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	141	100	141.041666667		05/21/2010 1:00	180.75	2.53898	0.336	17.55	0.363	13.09	41.5445	105.466227	105.519810	1.807545	105.520100	
2010	141	200	141.083333333		05/21/2010 2:00	181.04	2.54305	0.336	17.52	0.363	13.05	41.5355	105.4689893	105.522573	1.810445	105.523000	
2010	141	300	141.125000000		05/21/2010 3:00	181.35	2.54741	0.336	17.53	0.363	13.01	41.5258	105.4719421	105.525525	1.813545	105.526100	
2010	141	400	141.166666667		05/21/2010 4:00	181.65	2.55162	0.336	17.52	0.363	12.98	41.5164	105.4747996	105.528383	1.816545	105.529100	
2010	141	500	141.208333333		05/21/2010 5:00	181.93	2.55556	0.336	17.52	0.363	12.99	41.5077	105.4774666	105.531050	1.819345	105.531900	
2010	141	600	141.250000000		05/21/2010 6:00	182.15	2.55865	0.336	17.55	0.363	13.97	41.5008	105.4795621	105.533145	1.821545	105.534100	
2010	141	700	141.291666667		05/21/2010 7:00	182.48	2.56328	0.336	17.54	0.363	13.91	41.4905	105.4827054	105.536289	1.824845	105.537401	
2010	141	800	141.333333333		05/21/2010 8:00	182.75	2.56707	0.336	17.54	0.363	13.85	41.4820	105.4852771	105.538860	1.827545	105.540101	
2010	141	900	141.375000000		05/21/2010 9:00	183.04	2.57115	0.336	17.52	0.363	13.79	41.4730	105.4880394	105.541623	1.830445	105.543001	
2010	141	1000	141.416666667		05/21/2010 10:00	183.41	2.57634	0.336	17.54	0.363	13.78	41.4614	105.4915637	105.545147	1.834145	105.546701	
2010	141	1100	141.458333333		05/21/2010 11:00	183.76	2.58126	0.336	17.53	0.363	13.78	41.4505	105.4948974	105.548481	1.837645	105.550201	
2010	141	1200	141.500000000		05/21/2010 12:00	183.94	2.58379	0.336	17.53	0.363	13.81	41.4448	105.4966119	105.550195	1.839445	105.552001	
2010	141	1300	141.541666667		05/21/2010 13:00	184.25	2.58814	0.336	17.53	0.363	13.71	41.4352	105.4995647	105.553148	1.842545	105.555101	
2010	141	1400	141.583333333		05/21/2010 14:00	184.57	2.59264	0.336	17.52	0.363	13.67	41.4252	105.5026127	105.556196	1.845746	105.558301	
2010	141	1500	141.625000000		05/21/2010 15:00	184.89	2.59713	0.336	17.52	0.363	13.66	41.4152	105.5056607	105.559244	1.848946	105.561501	
2010	141	1600	141.666666667		05/21/2010 16:00	185.14	2.60065	0.336	17.54	0.363	13.64	41.4073	105.508042	105.561625	1.851446	105.564001	
2010	141	1700	141.708333333		05/21/2010 17:00	185.53	2.60612	0.336	17.54	0.363	13.66	41.3952	105.5117568	105.565340	1.855346	105.567901	
2010	141	1800	141.750000000		05/21/2010 18:00	185.87	2.61090	0.336	17.52	0.363	13.69	41.3845	105.5149953	105.568579	1.858746	105.571301	
2010	141	1900	141.791666667		05/21/2010 19:00	186.26	2.61638	0.336	17.51	0.363	13.64	41.3723	105.5187101	105.572293	1.862646	105.575202	
2010	141	2000	141.833333333		05/21/2010 20:00	186.63	2.62158	0.336	17.55	0.363	13.49	41.3608	105.5222343	105.575818	1.866346	105.578902	
2010	141	2100	141.875000000		05/21/2010 21:00	186.99	2.62663	0.336	17.54	0.363	13.41	41.3495	105.5256634	105.579247	1.869946	105.582502	
2010	141	2200	141.916666667		05/21/2010 22:00	187.35	2.63169	0.336	17.53	0.363	13.34	41.3383	105.5290924	105.582676	1.873546	105.586102	
2010	141	2300	141.958333333		05/21/2010 23:00	187.76	2.63745	0.336	17.53	0.363	13.28	41.3255	105.5329976	105.586581	1.877646	105.590202	
2010	141	2400	142.000000000		05/22/2010 0:00	188.09	2.64208	0.336	17.52	0.363	13.23	41.3152	105.5361409	105.589724	1.880946	105.593502	
2010	142	100	142.041666667		05/22/2010 1:00	188.42	2.64672	0.336	17.54	0.363	13.18	41.3048	105.5392842	105.592867	1.884246	105.596802	
2010	142	200	142.083333333		05/22/2010 2:00	188.72	2.65093	0.336	17.51	0.363	13.13	41.2955	105.5421417	105.595725	1.887247	105.599802	
2010	142	300	142.125000000		05/22/2010 3:00	188.93	2.65388	0.336	17.51	0.363	13.09	41.2889	105.544142	105.597725	1.889347	105.601902	
2010	142	400	142.166666667		05/22/2010 4:00	189.22	2.65796	0.336	17.51	0.363	13.05	41.2798	105.5469042	105.600487	1.892247	105.604802	
2010	142	500	142.208333333		05/22/2010 5:00	189.44	2.66105	0.336	17.53	0.363	13.21	41.2730	105.5489997	105.602583	1.894447	105.607002	
2010	142	600	142.250000000		05/22/2010 6:00	189.65	2.66400	0.336	17.53	0.363	13.96	41.2664	105.551	105.604583	1.896547	105.609102	
2010	142	700	142.291666667		05/22/2010 7:00	189.86	2.66695	0.336	17.51	0.363	13.89	41.2598	105.5530003	105.606584	1.898647	105.611202	
2010	142	800	142.333333333		05/22/2010 8:00	189.97	2.66849	0.336	17.54	0.363	13.79	41.2564	105.554048	105.607631	1.899747	105.612302	
2010	142	900	142.375000000		05/22/2010 9:00	190.09	2.67018	0.336	17.53	0.363	13.73	41.2527	105.555191	105.608774	1.900947	105.613502	
2010	142	1000	142.416666667		05/22/2010 10:00	190.2	2.67172	0.336	17.52	0.363	13.69	41.2492	105.5562388	105.609822	1.902047	105.614602	
2010	142	1100	142.458333333		05/22/2010 11:00	190.25	2.67243	0.336	17.52	0.363	13.66	41.2477	105.556715	105.610298	1.902547	105.615102	
2010	142	1200	142.500000000		05/22/2010 12:00	190.26	2.67257	0.336	17.52	0.363	13.64	41.2473	105.5568103	105.610394	1.902647	105.615202	
2010	142	1300	142.541666667		05/22/2010 13:00	190.31	2.67327	0.336	17.53	0.363	13.61	41.2458	105.5572865	105.610870	1.903147	105.615703	
2010	142	1400	142.583333333		05/22/2010 14:00	190.16	2.67116	0.336	17.53	0.363	13.56	41.2505	105.5558578	105.609441	1.901647	105.614202	
2010	142	1500	142.625000000		05/22/2010 15:00	190.23	2.67214	0.336	17.53	0.363	13.57	41.2483	105.5565245	105.610108	1.902347	105.614902	
2010	142	1600	142.666666667		05/22/2010 16:00	190.15	2.67102	0.336	17.51	0.363	13.56	41.2508	105.5557625	105.609346	1.901547	105.614102	
2010	142	1700	142.708333333		05/22/2010 17:00	189.85	2.66681	0.336	17.53	0.363	13.55	41.2602	105.552905	105.606488	1.898547	105.611102	
2010	142	1800	142.750000000		05/22/2010 18:00	189.96	2.66835	0.336	17.55	0.363	13.56	41.2567	105.5539528	105.607536	1.899647	105.612202	
2010	142	1900	142.791666667		05/22/2010 19:00	189.86	2.66695	0.336	17.53	0.363	13.41	41.2598	105.5530003	105.606584	1.898647	105.611202	
2010	142	2000	142.833333333		05/22/2010 20:00	189.55	2.66259	0.336	17.53	0.363	13.31	41.2695	105.5500475	105.603631	1.895547	105.608102	
2010	142	2100	142.875000000		05/22/2010 21:00	189.79	2.66596	0.336	17.54	0.363	13.24	41.2620	105.5523335	105.605917	1.897947	105.610502	
2010	142	2200	142.916666667		05/22/2010 22:00	189.46	2.66133	0.336	17.51	0.363	13.19	41.2723	105.5491902	105.602773	1.894647	105.607202	
2010	142	2300	142.958333333		05/22/2010 23:00	189.35	2.65978	0.336	17.54	0.363	13.14	41.2758	105.5481425	105.601726	1.893547	105.606102	
2010	142	2400	143.000000000		05/23/2010 0:00	189.4	2.66049	0.336	17.51	0.363	13.09	41.2742	105.5486187	105.602202	1.894047	105.606602	
2010	143	100	143.041666667		05/23/2010 1:00	189.32	2.65936	0.336	17.51	0.363	13.05	41.2767	105.5478567	105.601440	1.893247	105.605802	
2010	143	200	143.083333333		05/23/2010 2:00	189.24	2.65824	0.336	17.51	0.363	13.01	41.2792	105.5470947	105.600678	1.892447	105.605002	
2010	143	300	143.125000000		05/23/2010 3:00	189.09	2.65613	0.336	17.54	0.363	12.97	41.2839	105.545666	105.599249	1.890947	105.603502	
2010	143	400	143.166666667		05/23/2010 4:00	188.93	2.65388	0.336	17.53	0.363	12.93	41.2889	105.544142	105.597725	1.889347	105.601902	
2010	143	500	143.208333333		05/23/2010 5:00	188.74	2.65122	0.336	17.53	0.363	13.03	41.2948	105.5423322	105.595915	1.887447	105.600002	
2010	143	600	143.250000000		05/23/2010 6:00	188.63	2.64967	0.336	17.51	0.363	13.92	41.2983	105.5412844	105.594868	1.886347	105.598902	
2010	143	700	143.291666667		05/23/2010 7:00	188.44	2.64700	0.336	17.53	0.363	13.88	41.3042	105.5394747	105.593058	1.884446	105.597002	
2010	143	800	143.333333333		05/23/2010 8:00	188.22	2.64391	0.336	17.53	0.363	13.84	41.3111	105.5373792	105.590962	1.882246	105.594802	
2010	143	900	143.375000000		05/23/2010 9:00	187.94	2.63998	0.336	17.53	0.363	13.78	41.3198	105.5347122	105.588295	1.879446	105.592002	
2010	143	1000	143.416666667		05/23/2010 10:00	187.68	2.63633	0.336	17.53	0.363	13.7	41.3280	105.5322356	105.585819	1.876846	105.589402	
2010	143	1100	143.458333333		05/23/2010 11:00	187.42	2.63267	0.336	17.51	0.363	13.67	41.3361	105.5297591	105.583342	1.874246	105.586802	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	143	1200	143.500000000		05/23/2010 12:00	187.19	2.62944	0.336	17.52	0.363	13.66	41.3433	105.5275684	105.581152	1.871946	105.584502	
2010	143	1300	143.541666667		05/23/2010 13:00	187.06	2.62762	0.336	17.51	0.363	13.64	41.3473	105.5263301	105.579913	1.870646	105.583202	
2010	143	1400	143.583333333		05/23/2010 14:00	186.75	2.62326	0.336	17.53	0.363	13.61	41.3570	105.5233773	105.576961	1.867546	105.580102	
2010	143	1500	143.625000000		05/23/2010 15:00	186.56	2.62059	0.336	17.52	0.363	13.61	41.3630	105.5215676	105.575151	1.865646	105.578202	
2010	143	1600	143.666666667		05/23/2010 16:00	186.39	2.61820	0.336	17.53	0.363	13.62	41.3683	105.5199483	105.573532	1.863946	105.576502	
2010	143	1700	143.708333333		05/23/2010 17:00	186.18	2.61525	0.336	17.52	0.363	13.64	41.3748	105.5179481	105.571531	1.861846	105.574401	
2010	143	1800	143.750000000		05/23/2010 18:00	185.85	2.61062	0.336	17.52	0.363	13.64	41.3852	105.5148048	105.568388	1.858546	105.571101	
2010	143	1900	143.791666667		05/23/2010 19:00	185.55	2.60641	0.336	17.51	0.363	13.51	41.3945	105.5119473	105.565531	1.855546	105.568101	
2010	143	2000	143.833333333		05/23/2010 20:00	185.27	2.60247	0.336	17.52	0.363	13.41	41.4033	105.5092803	105.562864	1.852746	105.565301	
2010	143	2100	143.875000000		05/23/2010 21:00	185.25	2.60219	0.336	17.53	0.363	13.34	41.4039	105.5090898	105.562673	1.852546	105.565101	
2010	143	2200	143.916666667		05/23/2010 22:00	184.79	2.59573	0.336	17.51	0.363	13.28	41.4183	105.5047082	105.558291	1.847946	105.560501	
2010	143	2300	143.958333333		05/23/2010 23:00	184.55	2.59236	0.336	17.52	0.363	13.22	41.4258	105.5024222	105.556005	1.845546	105.558101	
2010	143	2400	144.000000000		05/24/2010 0:00	184.27	2.58843	0.336	17.53	0.363	13.17	41.4345	105.4997552	105.553338	1.842745	105.555301	
2010	144	100	144.041666667		05/24/2010 1:00	183.99	2.58449	0.336	17.51	0.363	13.12	41.4433	105.4970882	105.550671	1.839945	105.552501	
2010	144	200	144.083333333		05/24/2010 2:00	183.74	2.58098	0.336	17.52	0.363	13.07	41.4511	105.4947069	105.548290	1.837445	105.550001	
2010	144	300	144.125000000		05/24/2010 3:00	183.58	2.57873	0.336	17.53	0.363	13.03	41.4561	105.4931829	105.546766	1.835845	105.548401	
2010	144	400	144.166666667		05/24/2010 4:00	183.33	2.57522	0.336	17.49	0.363	12.99	41.4639	105.4908017	105.544385	1.833345	105.545901	
2010	144	500	144.208333333		05/24/2010 5:00	183.17	2.57297	0.336	17.5	0.363	12.98	41.4689	105.4892777	105.542861	1.831745	105.544301	
2010	144	600	144.250000000		05/24/2010 6:00	183.03	2.57101	0.336	17.51	0.363	13.91	41.4733	105.4879441	105.541527	1.830345	105.542901	
2010	144	700	144.291666667		05/24/2010 7:00	182.81	2.56792	0.336	17.52	0.363	13.86	41.4802	105.4858486	105.539432	1.828145	105.540701	
2010	144	800	144.333333333		05/24/2010 8:00	182.68	2.56609	0.336	17.51	0.363	13.78	41.4842	105.4846104	105.538194	1.826845	105.539401	
2010	144	900	144.375000000		05/24/2010 9:00	182.53	2.56398	0.336	17.51	0.363	13.7	41.4889	105.4831816	105.536765	1.825345	105.537901	
2010	144	1000	144.416666667		05/24/2010 10:00	182.45	2.56286	0.336	17.51	0.363	13.65	41.4914	105.4824196	105.536003	1.824545	105.537101	
2010	144	1100	144.458333333		05/24/2010 11:00	182.33	2.56117	0.336	17.51	0.363	13.61	41.4952	105.4812766	105.534860	1.823345	105.535901	
2010	144	1200	144.500000000		05/24/2010 12:00	182.29	2.56061	0.336	17.51	0.363	13.61	41.4964	105.4808956	105.534479	1.822945	105.535501	
2010	144	1300	144.541666667		05/24/2010 13:00	182.14	2.55851	0.336	17.49	0.364	13.55	41.5011	105.4794668	105.533050	1.821445	105.534000	
2010	144	1400	144.583333333		05/24/2010 14:00	182.07	2.55752	0.336	17.51	0.364	13.51	41.5033	105.4788001	105.532383	1.820745	105.533300	
2010	144	1500	144.625000000		05/24/2010 15:00	182.1	2.55794	0.336	17.47	0.363	13.49	41.5023	105.4790858	105.532669	1.821045	105.533600	
2010	144	1600	144.666666667		05/24/2010 16:00	182.04	2.55710	0.336	17.47	0.364	13.48	41.5042	105.4785143	105.532098	1.820445	105.533000	
2010	144	1700	144.708333333		05/24/2010 17:00	182.11	2.55808	0.336	17.48	0.363	13.51	41.5020	105.4791811	105.532764	1.821145	105.533700	
2010	144	1800	144.750000000		05/24/2010 18:00	182.12	2.55822	0.336	17.47	0.363	13.42	41.5017	105.4792763	105.532860	1.821245	105.533800	
2010	144	1900	144.791666667		05/24/2010 19:00	182.14	2.55851	0.336	17.52	0.363	13.31	41.5011	105.4794668	105.533050	1.821445	105.534000	
2010	144	2000	144.833333333		05/24/2010 20:00	182.31	2.56089	0.336	17.51	0.363	13.23	41.4958	105.4810861	105.534669	1.823145	105.535701	
2010	144	2100	144.875000000		05/24/2010 21:00	182.42	2.56244	0.336	17.5	0.363	13.17	41.4923	105.4821339	105.535717	1.824245	105.536801	
2010	144	2200	144.916666667		05/24/2010 22:00	182.65	2.56567	0.336	17.51	0.364	13.12	41.4852	105.4843246	105.537908	1.826545	105.539101	
2010	144	2300	144.958333333		05/24/2010 23:00	182.85	2.56848	0.336	17.51	0.364	13.07	41.4789	105.4862296	105.539813	1.828545	105.541101	
2010	144	2400	145.000000000		05/25/2010 0:00	183.03	2.57101	0.336	17.48	0.364	13.03	41.4733	105.4879441	105.541527	1.830345	105.542901	
2010	145	100	145.041666667		05/25/2010 1:00	183.29	2.57466	0.336	17.52	0.364	12.99	41.4652	105.4904207	105.544004	1.832945	105.545501	
2010	145	200	145.083333333		05/25/2010 2:00	183.55	2.57831	0.336	17.52	0.364	12.94	41.4570	105.4928972	105.546480	1.835545	105.548101	
2010	145	300	145.125000000		05/25/2010 3:00	183.77	2.58140	0.337	17.5	0.364	12.92	41.4502	105.4949927	105.548576	1.837745	105.550301	
2010	145	400	145.166666667		05/25/2010 4:00	184.05	2.58534	0.337	17.51	0.364	12.88	41.4414	105.4976597	105.551243	1.840545	105.553101	
2010	145	500	145.208333333		05/25/2010 5:00	184.29	2.58871	0.337	17.52	0.364	13.03	41.4339	105.4999457	105.553529	1.842945	105.555501	
2010	145	600	145.250000000		05/25/2010 6:00	184.53	2.59208	0.337	17.51	0.364	13.84	41.4264	105.5022317	105.555815	1.845346	105.557901	
2010	145	700	145.291666667		05/25/2010 7:00	184.73	2.59489	0.337	17.5	0.364	13.77	41.4202	105.5041367	105.557720	1.847346	105.559901	
2010	145	800	145.333333333		05/25/2010 8:00	184.99	2.59854	0.336	17.51	0.364	13.7	41.4120	105.5066133	105.560197	1.849946	105.562501	
2010	145	900	145.375000000		05/25/2010 9:00	185.19	2.60135	0.337	17.49	0.364	13.62	41.4058	105.5085183	105.562102	1.851946	105.564501	
2010	145	1000	145.416666667		05/25/2010 10:00	185.39	2.60416	0.337	17.51	0.364	13.56	41.3995	105.5104233	105.564007	1.853946	105.566501	
2010	145	1100	145.458333333		05/25/2010 11:00	185.58	2.60683	0.336	17.51	0.363	13.49	41.3936	105.512233	105.565816	1.855846	105.568401	
2010	145	1200	145.500000000		05/25/2010 12:00	185.75	2.60921	0.336	17.51	0.364	13.49	41.3883	105.5138523	105.567436	1.857546	105.570101	
2010	145	1300	145.541666667		05/25/2010 13:00	185.88	2.61104	0.336	17.53	0.364	13.45	41.3842	105.5150905	105.568674	1.858846	105.571401	
2010	145	1400	145.583333333		05/25/2010 14:00	185.96	2.61216	0.336	17.52	0.364	13.43	41.3817	105.5158526	105.569436	1.859646	105.572201	
2010	145	1500	145.625000000		05/25/2010 15:00	186.05	2.61343	0.337	17.52	0.364	13.45	41.3789	105.5167098	105.570293	1.860546	105.573101	
2010	145	1600	145.666666667		05/25/2010 16:00	186.19	2.61540	0.336	17.53	0.364	13.46	41.3745	105.5180433	105.571627	1.861946	105.574501	
2010	145	1700	145.708333333		05/25/2010 17:00	186.27	2.61652	0.336	17.51	0.364	13.49	41.3720	105.5188053	105.572389	1.862746	105.575302	
2010	145	1800	145.750000000		05/25/2010 18:00	186.33	2.61736	0.336	17.51	0.364	13.52	41.3702	105.5193768	105.572960	1.863346	105.575902	
2010	145	1900	145.791666667		05/25/2010 19:00	186.38	2.61806	0.337	17.53	0.364	13.37	41.3686	105.5198531	105.573436	1.863846	105.576402	
2010	145	2000	145.833333333		05/25/2010 20:00	186.39	2.61820	0.337	17.51	0.364	13.27	41.3683	105.5199483	105.573532	1.863946	105.576502	
2010	145	2100	145.875000000		05/25/2010 21:00	186.39	2.61820	0.337	17.5	0.364	13.2	41.3683	105.5199483	105.573532	1.863946	105.576502	
2010	145	2200	145.916666667		05/25/2010 22:00	186.37	2.61792	0.337	17.5	0.364	13.14	41.3689	105.5197578	105.573341	1.863746	105.576302	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	145	2300	145.958333333		05/25/2010 23:00	186.36	2.61778	0.337	17.52	0.364	13.09	41.3692	105.5196626	105.573246	1.863646	105.576202	
2010	145	2400	146.000000000		05/26/2010 0:00	186.4	2.61835	0.337	17.5	0.364	13.04	41.3680	105.5200436	105.573627	1.864046	105.576602	
2010	146	100	146.041666667		05/26/2010 1:00	186.24	2.61610	0.337	17.5	0.364	13	41.3730	105.5185196	105.572103	1.862446	105.575002	
2010	146	200	146.083333333		05/26/2010 2:00	186.39	2.61820	0.337	17.5	0.364	12.96	41.3683	105.5199483	105.573532	1.863946	105.576502	
2010	146	300	146.125000000		05/26/2010 3:00	186.46	2.61919	0.336	17.5	0.364	12.93	41.3661	105.5206151	105.574198	1.864646	105.577202	
2010	146	400	146.166666667		05/26/2010 4:00	186.47	2.61933	0.337	17.51	0.364	12.9	41.3658	105.5207103	105.574294	1.864746	105.577302	
2010	146	500	146.208333333		05/26/2010 5:00	186.62	2.62144	0.337	17.51	0.364	12.89	41.3611	105.5221391	105.575722	1.866246	105.578802	
2010	146	600	146.250000000		05/26/2010 6:00	186.56	2.62059	0.337	17.52	0.364	12.88	41.3630	105.5215676	105.575151	1.865646	105.578202	
2010	146	700	146.291666667		05/26/2010 7:00	186.64	2.62172	0.337	17.52	0.364	13.32	41.3605	105.5223296	105.575913	1.866446	105.579002	
2010	146	800	146.333333333		05/26/2010 8:00	186.63	2.62158	0.337	17.52	0.364	13.8	41.3608	105.5222343	105.575818	1.866346	105.578902	
2010	146	900	146.375000000		05/26/2010 9:00	186.6	2.62115	0.337	17.49	0.364	13.8	41.3617	105.5219486	105.575532	1.866046	105.578602	
2010	146	1000	146.416666667		05/26/2010 10:00	186.5	2.61975	0.337	17.5	0.364	13.76	41.3648	105.5209961	105.574579	1.865046	105.577602	
2010	146	1100	146.458333333		05/26/2010 11:00	186.3	2.61694	0.336	17.5	0.364	13.68	41.3711	105.5190911	105.572674	1.863046	105.575602	
2010	146	1200	146.500000000		05/26/2010 12:00	186.1	2.61413	0.336	17.51	0.363	13.66	41.3773	105.5171861	105.570769	1.861046	105.573601	
2010	146	1300	146.541666667		05/26/2010 13:00	185.92	2.61160	0.336	17.51	0.363	13.6	41.3830	105.5154716	105.569055	1.859246	105.571801	
2010	146	1400	146.583333333		05/26/2010 14:00	185.66	2.60795	0.336	17.51	0.363	13.54	41.3911	105.512995	105.566578	1.856646	105.569201	
2010	146	1500	146.625000000		05/26/2010 15:00	185.41	2.60444	0.336	17.48	0.364	13.49	41.3989	105.5106138	105.564197	1.854146	105.566701	
2010	146	1600	146.666666667		05/26/2010 16:00	185.02	2.59896	0.336	17.49	0.363	13.47	41.4111	105.506899	105.560482	1.850246	105.562801	
2010	146	1700	146.708333333		05/26/2010 17:00	184.79	2.59573	0.336	17.52	0.364	13.47	41.4183	105.5047082	105.558291	1.847946	105.560501	
2010	146	1800	146.750000000		05/26/2010 18:00	184.45	2.59095	0.336	17.51	0.364	13.54	41.4289	105.5014697	105.555053	1.844545	105.557101	
2010	146	1900	146.791666667		05/26/2010 19:00	184.13	2.58646	0.336	17.49	0.363	13.42	41.4389	105.4984217	105.552005	1.841345	105.553901	
2010	146	2000	146.833333333		05/26/2010 20:00	183.84	2.58239	0.336	17.48	0.364	13.3	41.4480	105.4956594	105.549243	1.838445	105.551001	
2010	146	2100	146.875000000		05/26/2010 21:00	183.5	2.57761	0.336	17.5	0.364	13.24	41.4586	105.4924209	105.546004	1.835045	105.547601	
2010	146	2200	146.916666667		05/26/2010 22:00	183.12	2.57227	0.336	17.5	0.363	13.18	41.4705	105.4888014	105.542385	1.831245	105.543801	
2010	146	2300	146.958333333		05/26/2010 23:00	182.83	2.56820	0.336	17.5	0.364	13.12	41.4795	105.4860391	105.539622	1.828345	105.540901	
2010	146	2400	147.000000000		05/27/2010 0:00	182.43	2.56258	0.336	17.49	0.364	13.07	41.4920	105.4822291	105.535812	1.824345	105.536901	
2010	147	100	147.041666667		05/27/2010 1:00	182.12	2.55822	0.336	17.53	0.363	13.03	41.5017	105.4792763	105.532860	1.821245	105.533800	
2010	147	200	147.083333333		05/27/2010 2:00	181.81	2.55387	0.336	17.5	0.363	12.99	41.5114	105.4763236	105.529907	1.818145	105.530700	
2010	147	300	147.125000000		05/27/2010 3:00	181.57	2.55050	0.336	17.51	0.363	12.95	41.5189	105.4740376	105.527621	1.815745	105.528300	
2010	147	400	147.166666667		05/27/2010 4:00	181.31	2.54685	0.336	17.48	0.363	12.92	41.5270	105.4715611	105.525144	1.813145	105.525700	
2010	147	500	147.208333333		05/27/2010 5:00	181.2	2.54530	0.336	17.5	0.364	12.89	41.5305	105.4705133	105.524097	1.812045	105.524600	
2010	147	600	147.250000000		05/27/2010 6:00	181.09	2.54376	0.336	17.48	0.363	13.52	41.5339	105.4694655	105.523049	1.810945	105.523500	
2010	147	700	147.291666667		05/27/2010 7:00	181.09	2.54376	0.336	17.47	0.363	13.8	41.5339	105.4694655	105.523049	1.810945	105.523500	
2010	147	800	147.333333333		05/27/2010 8:00	181.06	2.54333	0.336	17.46	0.364	13.75	41.5348	105.4691798	105.522763	1.810645	105.523200	
2010	147	900	147.375000000		05/27/2010 9:00	181.23	2.54572	0.336	17.46	0.364	13.72	41.5295	105.470799	105.524382	1.812345	105.524900	
2010	147	1000	147.416666667		05/27/2010 10:00	181.26	2.54614	0.336	17.45	0.364	13.69	41.5286	105.4710848	105.524668	1.812645	105.525200	
2010	147	1100	147.458333333		05/27/2010 11:00	181.29	2.54657	0.336	17.49	0.363	13.67	41.5277	105.4713706	105.524954	1.812945	105.525500	
2010	147	1200	147.500000000		05/27/2010 12:00	181.59	2.55078	0.336	17.47	0.363	13.66	41.5183	105.4742281	105.527811	1.815945	105.528500	
2010	147	1300	147.541666667		05/27/2010 13:00	181.82	2.55401	0.336	17.47	0.363	13.71	41.5111	105.4764188	105.530002	1.818245	105.530800	
2010	147	1400	147.583333333		05/27/2010 14:00	181.74	2.55289	0.336	17.46	0.363	13.74	41.5136	105.4756568	105.529240	1.817445	105.530000	
2010	147	1500	147.625000000		05/27/2010 15:00	181.86	2.55457	0.336	17.5	0.363	13.71	41.5098	105.4767998	105.530383	1.818645	105.531200	
2010	147	1600	147.666666667		05/27/2010 16:00	181.97	2.55612	0.336	17.49	0.363	13.69	41.5064	105.4778476	105.531431	1.819745	105.532300	
2010	147	1700	147.708333333		05/27/2010 17:00	182.07	2.55752	0.336	17.49	0.363	13.72	41.5033	105.4788001	105.532383	1.820745	105.533300	
2010	147	1800	147.750000000		05/27/2010 18:00	182.08	2.55766	0.336	17.48	0.363	13.61	41.5030	105.4788953	105.532479	1.820845	105.533400	
2010	147	1900	147.791666667		05/27/2010 19:00	182.03	2.55696	0.336	17.49	0.363	13.49	41.5045	105.4784191	105.532002	1.820345	105.532900	
2010	147	2000	147.833333333		05/27/2010 20:00	181.96	2.55598	0.336	17.49	0.363	13.4	41.5067	105.4777523	105.531336	1.819645	105.532200	
2010	147	2100	147.875000000		05/27/2010 21:00	181.83	2.55415	0.336	17.49	0.363	13.34	41.5108	105.4765141	105.530097	1.818345	105.530900	
2010	147	2200	147.916666667		05/27/2010 22:00	181.6	2.55092	0.336	17.49	0.363	13.27	41.5180	105.4743233	105.527907	1.816045	105.528600	
2010	147	2300	147.958333333		05/27/2010 23:00	181.37	2.54769	0.336	17.48	0.363	13.22	41.5252	105.4721326	105.525716	1.813745	105.526300	
2010	147	2400	148.000000000		05/28/2010 0:00	181.1	2.54390	0.336	17.49	0.363	13.17	41.5336	105.4695608	105.523144	1.811045	105.523600	
2010	148	100	148.041666667		05/28/2010 1:00	180.74	2.53884	0.336	17.47	0.363	13.11	41.5448	105.4661318	105.519715	1.807445	105.520000	
2010	148	200	148.083333333		05/28/2010 2:00	180.39	2.53392	0.336	17.48	0.364	13.07	41.5558	105.462798	105.516381	1.803944	105.516500	
2010	148	300	148.125000000		05/28/2010 3:00	180.02	2.52873	0.336	17.5	0.363	13.03	41.5673	105.4592737	105.512857	1.800244	105.512800	
2010	148	400	148.166666667		05/28/2010 4:00	179.66	2.52367	0.336	17.49	0.363	12.99	41.5786	105.4558447	105.509428	1.796644	105.509200	
2010	148	500	148.208333333		05/28/2010 5:00	179.24	2.51777	0.336	17.47	0.363	12.96	41.5917	105.4518442	105.505427	1.792444	105.505000	
2010	148	600	148.250000000		05/28/2010 6:00	178.88	2.51271	0.336	17.49	0.363	13.12	41.6030	105.4484152	105.501998	1.788844	105.501400	
2010	148	700	148.291666667		05/28/2010 7:00	178.52	2.50766	0.336	17.48	0.364	13.78	41.6142	105.4449862	105.498569	1.785244	105.497800	
2010	148	800	148.333333333		05/28/2010 8:00	178.18	2.50288	0.336	17.47	0.363	13.82	41.6248	105.4417476	105.495331	1.781844	105.494400	
2010	148	900	148.375000000		05/28/2010 9:00	177.82	2.49782	0.336	17.49	0.363	13.8	41.6361	105.4383186	105.491902	1.778244	105.490799	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	148	1000	148.416666667		05/28/2010 10:00	177.46	2.49277	0.336	17.48	0.363	13.77	41.6473	105.4348896	105.488473	1.774644	105.487199	
2010	148	1100	148.458333333		05/28/2010 11:00	177.22	2.48939	0.336	17.46	0.364	13.72	41.6548	105.4326036	105.486187	1.772244	105.484799	
2010	148	1200	148.500000000		05/28/2010 12:00	176.93	2.48532	0.336	17.47	0.364	13.74	41.6639	105.4298413	105.483425	1.769344	105.481899	
2010	148	1300	148.541666667		05/28/2010 13:00	176.66	2.48153	0.336	17.49	0.363	13.66	41.6723	105.4272696	105.480853	1.766644	105.479199	
2010	148	1400	148.583333333		05/28/2010 14:00	176.43	2.47830	0.336	17.49	0.363	13.62	41.6795	105.4250788	105.478662	1.764344	105.476899	
2010	148	1500	148.625000000		05/28/2010 15:00	176.27	2.47605	0.336	17.48	0.363	13.7	41.6845	105.4235548	105.477138	1.762743	105.475299	
2010	148	1600	148.666666667		05/28/2010 16:00	176.05	2.47296	0.336	17.48	0.363	13.55	41.6914	105.4214593	105.475043	1.760543	105.473099	
2010	148	1700	148.708333333		05/28/2010 17:00	175.79	2.46931	0.336	17.48	0.363	13.72	41.6995	105.4189828	105.472566	1.757943	105.470499	
2010	148	1800	148.750000000		05/28/2010 18:00	175.51	2.46537	0.336	17.48	0.363	13.63	41.7083	105.4163157	105.469899	1.755143	105.467699	
2010	148	1900	148.791666667		05/28/2010 19:00	175.16	2.46046	0.336	17.48	0.363	13.51	41.7192	105.412982	105.466565	1.751643	105.464199	
2010	148	2000	148.833333333		05/28/2010 20:00	174.8	2.45540	0.336	17.48	0.363	13.42	41.7305	105.409553	105.463136	1.748043	105.460599	
2010	148	2100	148.875000000		05/28/2010 21:00	174.42	2.45006	0.336	17.48	0.363	13.35	41.7423	105.4059334	105.459517	1.744243	105.456799	
2010	148	2200	148.916666667		05/28/2010 22:00	174.1	2.44557	0.336	17.46	0.363	13.29	41.7523	105.4028854	105.456469	1.741043	105.453599	
2010	148	2300	148.958333333		05/28/2010 23:00	173.62	2.43883	0.336	17.47	0.363	13.24	41.7673	105.3983134	105.451897	1.736243	105.448798	
2010	148	2400	149.000000000		05/29/2010 0:00	173.18	2.43265	0.336	17.47	0.364	13.18	41.7811	105.3941224	105.447706	1.731843	105.444398	
2010	149	100	149.041666667		05/29/2010 1:00	172.71	2.42604	0.336	17.45	0.363	13.13	41.7958	105.3896456	105.443229	1.727143	105.439698	
2010	149	200	149.083333333		05/29/2010 2:00	172.29	2.42014	0.336	17.45	0.364	13.09	41.8089	105.3856451	105.439228	1.722942	105.435498	
2010	149	300	149.125000000		05/29/2010 3:00	171.86	2.41410	0.336	17.44	0.363	13.05	41.8223	105.3815493	105.435133	1.718642	105.431198	
2010	149	400	149.166666667		05/29/2010 4:00	171.48	2.40877	0.336	17.47	0.363	13.01	41.8342	105.3779298	105.431513	1.714842	105.427398	
2010	149	500	149.208333333		05/29/2010 5:00	171.13	2.40385	0.336	17.47	0.363	12.99	41.8452	105.374596	105.428179	1.711342	105.423898	
2010	149	600	149.250000000		05/29/2010 6:00	170.78	2.39893	0.336	17.45	0.363	13.85	41.8561	105.3712622	105.424845	1.707842	105.420398	
2010	149	700	149.291666667		05/29/2010 7:00	170.43	2.39402	0.336	17.46	0.363	13.84	41.8670	105.3679285	105.421512	1.704342	105.416898	
2010	149	800	149.333333333		05/29/2010 8:00	170.18	2.39050	0.336	17.46	0.363	13.76	41.8748	105.3655472	105.419130	1.701842	105.414398	
2010	149	900	149.375000000		05/29/2010 9:00	169.95	2.38727	0.336	17.46	0.363	13.7	41.8820	105.3633564	105.416940	1.699542	105.412097	
2010	149	1000	149.416666667		05/29/2010 10:00	169.67	2.38334	0.336	17.46	0.363	13.63	41.8908	105.3606894	105.414273	1.696742	105.409297	
2010	149	1100	149.458333333		05/29/2010 11:00	169.38	2.37927	0.336	17.46	0.363	13.6	41.8998	105.3579272	105.411510	1.693842	105.406397	
2010	149	1200	149.500000000		05/29/2010 12:00	169.28	2.37786	0.336	17.45	0.363	13.59	41.9030	105.3569747	105.410558	1.692842	105.405397	
2010	149	1300	149.541666667		05/29/2010 13:00	169.15	2.37604	0.336	17.45	0.363	13.57	41.9070	105.3557364	105.409320	1.691542	105.404097	
2010	149	1400	149.583333333		05/29/2010 14:00	169.1	2.37533	0.336	17.46	0.363	13.55	41.9086	105.3552602	105.408843	1.691042	105.403597	
2010	149	1500	149.625000000		05/29/2010 15:00	169.15	2.37604	0.336	17.45	0.363	13.57	41.9070	105.3557364	105.409320	1.691542	105.404097	
2010	149	1600	149.666666667		05/29/2010 16:00	169.14	2.37590	0.336	17.44	0.363	13.58	41.9073	105.3556412	105.409224	1.691442	105.403997	
2010	149	1700	149.708333333		05/29/2010 17:00	169.19	2.37660	0.336	17.45	0.363	13.58	41.9058	105.3561174	105.409701	1.691942	105.404497	
2010	149	1800	149.750000000		05/29/2010 18:00	169.23	2.37716	0.336	17.45	0.363	13.48	41.9045	105.3564984	105.410082	1.692342	105.404897	
2010	149	1900	149.791666667		05/29/2010 19:00	169.36	2.37899	0.336	17.45	0.363	13.47	41.9005	105.3577367	105.411320	1.693642	105.406197	
2010	149	2000	149.833333333		05/29/2010 20:00	169.4	2.37955	0.336	17.45	0.363	13.36	41.8992	105.3581177	105.411701	1.694042	105.406597	
2010	149	2100	149.875000000		05/29/2010 21:00	169.46	2.38039	0.336	17.46	0.363	13.28	41.8973	105.3586892	105.412272	1.694642	105.407197	
2010	149	2200	149.916666667		05/29/2010 22:00	169.55	2.38165	0.336	17.44	0.363	13.22	41.8945	105.3595464	105.413130	1.695542	105.408097	
2010	149	2300	149.958333333		05/29/2010 23:00	169.64	2.38292	0.336	17.45	0.363	13.16	41.8917	105.3604037	105.413987	1.696442	105.408997	
2010	149	2400	150.000000000		05/30/2010 0:00	169.65	2.38306	0.336	17.43	0.363	13.12	41.8914	105.3604989	105.414082	1.696542	105.409097	
2010	150	100	150.041666667		05/30/2010 1:00	169.67	2.38334	0.336	17.45	0.363	13.07	41.8908	105.3606894	105.414273	1.696742	105.409297	
2010	150	200	150.083333333		05/30/2010 2:00	169.72	2.38404	0.336	17.44	0.363	13.03	41.8892	105.3611657	105.414749	1.697242	105.409797	
2010	150	300	150.125000000		05/30/2010 3:00	169.76	2.38460	0.336	17.44	0.363	12.99	41.8880	105.3615467	105.415130	1.697642	105.410197	
2010	150	400	150.166666667		05/30/2010 4:00	169.84	2.38573	0.335	17.43	0.363	12.95	41.8855	105.3623087	105.415892	1.698442	105.410997	
2010	150	500	150.208333333		05/30/2010 5:00	169.94	2.38713	0.336	17.42	0.363	13.07	41.8823	105.3632612	105.416844	1.699442	105.411997	
2010	150	600	150.250000000		05/30/2010 6:00	170.03	2.38840	0.336	17.41	0.363	13.84	41.8795	105.3641184	105.417702	1.700342	105.412898	
2010	150	700	150.291666667		05/30/2010 7:00	170.2	2.39079	0.336	17.41	0.363	13.77	41.8742	105.3657377	105.419321	1.702042	105.414598	
2010	150	800	150.333333333		05/30/2010 8:00	170.39	2.39345	0.336	17.43	0.363	13.7	41.8683	105.3675475	105.421131	1.703942	105.416498	
2010	150	900	150.375000000		05/30/2010 9:00	170.52	2.39528	0.336	17.45	0.363	13.67	41.8642	105.3687857	105.422369	1.705242	105.417798	
2010	150	1000	150.416666667		05/30/2010 10:00	170.76	2.39865	0.336	17.44	0.363	13.6	41.8567	105.3710717	105.424655	1.707642	105.420198	
2010	150	1100	150.458333333		05/30/2010 11:00	170.91	2.40076	0.336	17.45	0.363	13.57	41.8520	105.3725005	105.426084	1.709142	105.421698	
2010	150	1200	150.500000000		05/30/2010 12:00	171.05	2.40273	0.336	17.43	0.363	13.54	41.8477	105.373834	105.427417	1.710542	105.423098	
2010	150	1300	150.541666667		05/30/2010 13:00	171.24	2.40539	0.336	17.45	0.363	13.5	41.8417	105.3756438	105.429227	1.712442	105.424998	
2010	150	1400	150.583333333		05/30/2010 14:00	171.39	2.40750	0.336	17.46	0.363	13.46	41.8370	105.3770725	105.430656	1.713942	105.426498	
2010	150	1500	150.625000000		05/30/2010 15:00	171.39	2.40750	0.336	17.44	0.363	13.45	41.8370	105.3770725	105.430656	1.713942	105.426498	
2010	150	1600	150.666666667		05/30/2010 16:00	171.48	2.40877	0.336	17.44	0.363	13.45	41.8342	105.3779298	105.431513	1.714842	105.427398	
2010	150	1700	150.708333333		05/30/2010 17:00	171.54	2.40961	0.336	17.45	0.363	13.47	41.8323	105.3785013	105.432085	1.715442	105.427998	
2010	150	1800	150.750000000		05/30/2010 18:00	171.55	2.40975	0.335	17.44	0.363	13.48	41.8320	105.3785965	105.432180	1.715542	105.428098	
2010	150	1900	150.791666667		05/30/2010 19:00	171.5	2.40905	0.336	17.43	0.363	13.39	41.8336	105.3781203	105.431704	1.715042	105.427598	
2010	150	2000	150.833333333		05/30/2010 20:00	171.39	2.40750	0.336	17.44	0.363	13.28	41.8370	105.3770725	105.430656	1.713942	105.426498	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	150	2100	150.875000000		05/30/2010 21:00	171.28	2.40596	0.336	17.45	0.363	13.2	41.8405	105.3760248	105.429608	1.712842	105.425398	
2010	150	2200	150.916666667		05/30/2010 22:00	171.1	2.40343	0.336	17.44	0.363	13.14	41.8461	105.3743103	105.427894	1.711042	105.423598	
2010	150	2300	150.958333333		05/30/2010 23:00	170.85	2.39992	0.336	17.44	0.363	13.08	41.8539	105.371929	105.425512	1.708542	105.421098	
2010	150	2400	151.000000000		05/31/2010 0:00	170.59	2.39626	0.336	17.44	0.363	13.03	41.8620	105.3694525	105.423036	1.705942	105.418498	
2010	151	100	151.041666667		05/31/2010 1:00	170.23	2.39121	0.336	17.45	0.363	12.99	41.8733	105.3660235	105.419607	1.702342	105.414898	
2010	151	200	151.083333333		05/31/2010 2:00	169.89	2.38643	0.336	17.44	0.363	12.96	41.8839	105.3627849	105.416368	1.698942	105.411497	
2010	151	300	151.125000000		05/31/2010 3:00	169.6	2.38236	0.336	17.44	0.363	12.93	41.8930	105.3600227	105.413606	1.696042	105.408597	
2010	151	400	151.166666667		05/31/2010 4:00	169.24	2.37730	0.336	17.43	0.363	12.9	41.9042	105.3565937	105.410177	1.692442	105.404997	
2010	151	500	151.208333333		05/31/2010 5:00	168.97	2.37351	0.336	17.45	0.363	12.9	41.9127	105.3540219	105.407605	1.689742	105.402297	
2010	151	600	151.250000000		05/31/2010 6:00	168.71	2.36986	0.336	17.43	0.363	13.34	41.9208	105.3515454	105.405129	1.687142	105.399697	
2010	151	700	151.291666667		05/31/2010 7:00	168.45	2.36620	0.336	17.44	0.363	13.7	41.9289	105.3490689	105.402652	1.684542	105.397097	
2010	151	800	151.333333333		05/31/2010 8:00	168.3	2.36410	0.336	17.44	0.363	13.66	41.9336	105.3476401	105.401223	1.683042	105.395597	
2010	151	900	151.375000000		05/31/2010 9:00	168.11	2.36143	0.336	17.44	0.363	13.62	41.9395	105.3458303	105.399414	1.681141	105.393697	
2010	151	1000	151.416666667		05/31/2010 10:00	167.85	2.35777	0.336	17.43	0.363	13.55	41.9477	105.3433538	105.396937	1.678541	105.391097	
2010	151	1100	151.458333333		05/31/2010 11:00	167.66	2.35511	0.336	17.43	0.363	13.51	41.9536	105.3415441	105.395127	1.676641	105.389197	
2010	151	1200	151.500000000		05/31/2010 12:00	167.52	2.35314	0.336	17.44	0.363	13.5	41.9580	105.3402106	105.393794	1.675241	105.387797	
2010	151	1300	151.541666667		05/31/2010 13:00	167.39	2.35131	0.336	17.43	0.363	13.47	41.9620	105.3389723	105.392556	1.673941	105.386497	
2010	151	1400	151.583333333		05/31/2010 14:00	167.26	2.34949	0.336	17.45	0.363	13.41	41.9661	105.3377341	105.391317	1.672641	105.385197	
2010	151	1500	151.625000000		05/31/2010 15:00	167.22	2.34893	0.336	17.42	0.363	13.4	41.9673	105.337353	105.390936	1.672241	105.384797	
2010	151	1600	151.666666667		05/31/2010 16:00	166.86	2.34387	0.336	17.45	0.363	13.4	41.9786	105.333924	105.387507	1.668641	105.381197	
2010	151	1700	151.708333333		05/31/2010 17:00	166.74	2.34218	0.336	17.44	0.363	13.45	41.9823	105.332781	105.386364	1.667441	105.379997	
2010	151	1800	151.750000000		05/31/2010 18:00	166.5	2.33881	0.336	17.43	0.363	13.52	41.9898	105.330495	105.384078	1.665041	105.377597	
2010	151	1900	151.791666667		05/31/2010 19:00	166.32	2.33628	0.336	17.44	0.363	13.36	41.9955	105.3287805	105.382364	1.663241	105.375797	
2010	151	2000	151.833333333		05/31/2010 20:00	166.14	2.33375	0.336	17.45	0.363	13.26	42.0011	105.327066	105.380649	1.661441	105.373997	
2010	151	2100	151.875000000		05/31/2010 21:00	165.98	2.33151	0.336	17.45	0.363	13.19	42.0061	105.325542	105.379125	1.659841	105.372397	
2010	151	2200	151.916666667		05/31/2010 22:00	165.78	2.32870	0.336	17.44	0.363	13.14	42.0123	105.323637	105.377220	1.657841	105.370396	
2010	151	2300	151.958333333		05/31/2010 23:00	165.69	2.32743	0.336	17.43	0.363	13.09	42.0152	105.3227797	105.376363	1.656941	105.369496	
2010	151	2400	152.000000000		06/01/2010 0:00	165.55	2.32547	0.336	17.45	0.363	13.04	42.0195	105.3214462	105.375029	1.655541	105.368096	
2010	152	100	152.041666667		06/01/2010 1:00	165.37	2.32294	0.336	17.45	0.363	13	42.0252	105.3197317	105.373315	1.653741	105.366296	
2010	152	200	152.083333333		06/01/2010 2:00	165.2	2.32055	0.336	17.44	0.363	12.96	42.0305	105.3181124	105.371696	1.652041	105.364596	
2010	152	300	152.125000000		06/01/2010 3:00	165.12	2.31943	0.336	17.46	0.363	12.93	42.0330	105.3173504	105.370934	1.651241	105.363796	
2010	152	400	152.166666667		06/01/2010 4:00	164.98	2.31746	0.336	17.45	0.363	12.89	42.0373	105.3160169	105.369600	1.649841	105.362396	
2010	152	500	152.208333333		06/01/2010 5:00	164.76	2.31437	0.336	17.45	0.363	12.95	42.0442	105.3139214	105.367505	1.647641	105.360196	
2010	152	600	152.250000000		06/01/2010 6:00	164.69	2.31339	0.336	17.44	0.363	13.76	42.0464	105.3132547	105.366838	1.646941	105.359496	
2010	152	700	152.291666667		06/01/2010 7:00	164.58	2.31184	0.336	17.45	0.363	13.7	42.0498	105.3122069	105.365790	1.645841	105.358396	
2010	152	800	152.333333333		06/01/2010 8:00	164.58	2.31184	0.336	17.45	0.363	13.64	42.0498	105.3122069	105.365790	1.645841	105.358396	
2010	152	900	152.375000000		06/01/2010 9:00	164.54	2.31128	0.336	17.42	0.363	13.59	42.0511	105.3118259	105.365409	1.645441	105.357996	
2010	152	1000	152.416666667		06/01/2010 10:00	164.54	2.31128	0.336	17.45	0.363	13.52	42.0511	105.3118259	105.365409	1.645441	105.357996	
2010	152	1100	152.458333333		06/01/2010 11:00	164.47	2.31030	0.336	17.43	0.363	13.49	42.0533	105.3111592	105.364742	1.644741	105.357296	
2010	152	1200	152.500000000		06/01/2010 12:00	164.62	2.31240	0.336	17.44	0.363	13.48	42.0486	105.3125879	105.366171	1.646241	105.358796	
2010	152	1300	152.541666667		06/01/2010 13:00	164.85	2.31563	0.336	17.43	0.363	13.45	42.0414	105.3147787	105.368362	1.648541	105.361096	
2010	152	1400	152.583333333		06/01/2010 14:00	164.94	2.31690	0.336	17.44	0.364	13.45	42.0386	105.3156359	105.369219	1.649441	105.361996	
2010	152	1500	152.625000000		06/01/2010 15:00	165.08	2.31887	0.336	17.46	0.363	13.45	42.0342	105.3169694	105.370553	1.650841	105.363396	
2010	152	1600	152.666666667		06/01/2010 16:00	165.26	2.32139	0.336	17.45	0.363	13.46	42.0286	105.3186839	105.372267	1.652641	105.365196	
2010	152	1700	152.708333333		06/01/2010 17:00	165.49	2.32462	0.336	17.44	0.363	13.47	42.0214	105.3208747	105.374458	1.654941	105.367496	
2010	152	1800	152.750000000		06/01/2010 18:00	165.65	2.32687	0.336	17.46	0.363	13.51	42.0164	105.3223987	105.375982	1.656541	105.369096	
2010	152	1900	152.791666667		06/01/2010 19:00	165.85	2.32968	0.336	17.45	0.363	13.39	42.0102	105.3243037	105.377887	1.658541	105.371096	
2010	152	2000	152.833333333		06/01/2010 20:00	166.02	2.33207	0.336	17.43	0.363	13.29	42.0048	105.325923	105.379506	1.660241	105.372797	
2010	152	2100	152.875000000		06/01/2010 21:00	166.17	2.33418	0.336	17.45	0.363	13.21	42.0002	105.3273517	105.380935	1.661741	105.374297	
2010	152	2200	152.916666667		06/01/2010 22:00	166.35	2.33670	0.336	17.44	0.363	13.15	41.9945	105.3290663	105.382650	1.663541	105.376097	
2010	152	2300	152.958333333		06/01/2010 23:00	166.52	2.33909	0.336	17.45	0.363	13.09	41.9892	105.3306855	105.384269	1.665241	105.377797	
2010	152	2400	153.000000000		06/02/2010 0:00	166.69	2.34148	0.336	17.45	0.363	13.04	41.9839	105.3323048	105.385888	1.666941	105.379497	
2010	153	100	153.041666667		06/02/2010 1:00	166.81	2.34317	0.336	17.44	0.363	13.01	41.9802	105.3334478	105.387031	1.668141	105.380697	
2010	153	200	153.083333333		06/02/2010 2:00	166.96	2.34527	0.336	17.46	0.363	12.96	41.9755	105.3348765	105.388460	1.669641	105.382197	
2010	153	300	153.125000000		06/02/2010 3:00	167.19	2.34850	0.336	17.47	0.363	12.93	41.9683	105.3370673	105.390651	1.671941	105.384497	
2010	153	400	153.166666667		06/02/2010 4:00	167.44	2.35202	0.336	17.47	0.363	12.91	41.9605	105.3394486	105.393032	1.674441	105.386997	
2010	153	500	153.208333333		06/02/2010 5:00	167.76	2.35651	0.336	17.44	0.363	12.88	41.9505	105.3424966	105.396080	1.677641	105.390197	
2010	153	600	153.250000000		06/02/2010 6:00	168.2	2.36269	0.336	17.45	0.363	12.97	41.9367	105.3466876	105.400271	1.682041	105.394597	
2010	153	700	153.291666667		06/02/2010 7:00	168.77	2.37070	0.336	17.45	0.363	13.27	41.9189	105.3521169	105.405700	1.687742	105.400297	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	153	800	153.333333333		06/02/2010 8:00	169.23	2.37716	0.336	17.43	0.363	13.76	41.9045	105.3564984	105.410082	1.692342	105.404897	
2010	153	900	153.375000000		06/02/2010 9:00	169.76	2.38460	0.336	17.43	0.363	13.75	41.8880	105.3615467	105.415130	1.697642	105.410197	
2010	153	1000	153.416666667		06/02/2010 10:00	170.25	2.39149	0.336	17.44	0.363	13.72	41.8727	105.366214	105.419797	1.702542	105.415098	
2010	153	1100	153.458333333		06/02/2010 11:00	170.81	2.39935	0.336	17.44	0.363	13.68	41.8552	105.371548	105.425131	1.708142	105.420698	
2010	153	1200	153.500000000		06/02/2010 12:00	171.33	2.40666	0.336	17.45	0.363	13.64	41.8389	105.376501	105.430084	1.713342	105.425898	
2010	153	1300	153.541666667		06/02/2010 13:00	171.9	2.41466	0.336	17.44	0.363	13.61	41.8211	105.3819303	105.435514	1.719042	105.431598	
2010	153	1400	153.583333333		06/02/2010 14:00	172.42	2.42197	0.336	17.43	0.363	13.6	41.8048	105.3868833	105.440467	1.724243	105.436798	
2010	153	1500	153.625000000		06/02/2010 15:00	172.91	2.42885	0.336	17.43	0.363	13.64	41.7895	105.3915506	105.445134	1.729143	105.441698	
2010	153	1600	153.666666667		06/02/2010 16:00	173.48	2.43686	0.336	17.44	0.363	13.66	41.7717	105.3969799	105.450563	1.734843	105.447398	
2010	153	1700	153.708333333		06/02/2010 17:00	173.95	2.44346	0.336	17.42	0.363	13.64	41.7570	105.4014567	105.455040	1.739543	105.452098	
2010	153	1800	153.750000000		06/02/2010 18:00	174.44	2.45034	0.335	17.44	0.363	13.64	41.7417	105.4061239	105.459707	1.744443	105.456999	
2010	153	1900	153.791666667		06/02/2010 19:00	174.93	2.45723	0.336	17.45	0.363	13.5	41.7264	105.4107912	105.464374	1.749343	105.461899	
2010	153	2000	153.833333333		06/02/2010 20:00	175.72	2.46832	0.336	17.44	0.363	13.38	41.7017	105.418316	105.471899	1.757243	105.469799	
2010	153	2100	153.875000000		06/02/2010 21:00	176.13	2.47408	0.336	17.45	0.363	13.3	41.6889	105.4222213	105.475805	1.761343	105.473899	
2010	153	2200	153.916666667		06/02/2010 22:00	176.81	2.48364	0.336	17.44	0.363	13.23	41.6677	105.4286983	105.482282	1.768144	105.480699	
2010	153	2300	153.958333333		06/02/2010 23:00	177.42	2.49220	0.336	17.45	0.363	13.18	41.6486	105.4345086	105.488092	1.774244	105.486799	
2010	153	2400	154.000000000		06/03/2010 0:00	178.18	2.50288	0.336	17.42	0.363	13.12	41.6248	105.4417476	105.495331	1.781844	105.494400	
2010	154	100	154.041666667		06/03/2010 1:00	178.83	2.51201	0.336	17.43	0.363	13.07	41.6045	105.4479389	105.501522	1.788344	105.500900	
2010	154	200	154.083333333		06/03/2010 2:00	179.4	2.52002	0.336	17.44	0.363	13.03	41.5867	105.4533682	105.506951	1.794044	105.506600	
2010	154	300	154.125000000		06/03/2010 3:00	180.03	2.52887	0.336	17.43	0.363	12.99	41.5670	105.459369	105.512952	1.800344	105.512900	
2010	154	400	154.166666667		06/03/2010 4:00	180.7	2.53828	0.336	17.43	0.364	12.94	41.5461	105.4657508	105.519334	1.807045	105.519600	
2010	154	500	154.208333333		06/03/2010 5:00	181.31	2.54685	0.336	17.44	0.364	12.97	41.5270	105.4715611	105.525144	1.813145	105.525700	
2010	154	600	154.250000000		06/03/2010 6:00	181.98	2.55626	0.336	17.42	0.364	13.85	41.5061	105.4779428	105.531526	1.819845	105.532400	
2010	154	700	154.291666667		06/03/2010 7:00	182.46	2.56300	0.336	17.44	0.364	13.81	41.4911	105.4825149	105.536098	1.824645	105.537201	
2010	154	800	154.333333333		06/03/2010 8:00	182.94	2.56974	0.336	17.43	0.364	13.76	41.4761	105.4870869	105.540670	1.829445	105.542001	
2010	154	900	154.375000000		06/03/2010 9:00	183.46	2.57705	0.336	17.46	0.363	13.7	41.4598	105.4920399	105.545623	1.834645	105.547201	
2010	154	1000	154.416666667		06/03/2010 10:00	183.9	2.58323	0.336	17.44	0.364	13.66	41.4461	105.4962309	105.549814	1.839045	105.551601	
2010	154	1100	154.458333333		06/03/2010 11:00	184.44	2.59081	0.336	17.44	0.363	13.61	41.4292	105.5013745	105.554958	1.844445	105.557001	
2010	154	1200	154.500000000		06/03/2010 12:00	184.78	2.59559	0.336	17.46	0.364	13.61	41.4186	105.504613	105.558196	1.847846	105.560401	
2010	154	1300	154.541666667		06/03/2010 13:00	185.22	2.60177	0.336	17.45	0.364	13.56	41.4048	105.508804	105.562387	1.852246	105.564801	
2010	154	1400	154.583333333		06/03/2010 14:00	185.65	2.60781	0.336	17.45	0.364	13.53	41.3914	105.5128998	105.566483	1.856546	105.569101	
2010	154	1500	154.625000000		06/03/2010 15:00	185.98	2.61245	0.336	17.46	0.364	13.54	41.3811	105.5160431	105.569626	1.859846	105.572401	
2010	154	1600	154.666666667		06/03/2010 16:00	186.21	2.61568	0.336	17.46	0.364	13.54	41.3739	105.5182338	105.571817	1.862146	105.574701	
2010	154	1700	154.708333333		06/03/2010 17:00	186.49	2.61961	0.336	17.47	0.364	13.55	41.3652	105.5209008	105.574484	1.864946	105.577502	
2010	154	1800	154.750000000		06/03/2010 18:00	186.78	2.62368	0.336	17.47	0.364	13.45	41.3561	105.5236631	105.577246	1.867846	105.580402	
2010	154	1900	154.791666667		06/03/2010 19:00	186.91	2.62551	0.336	17.46	0.364	13.33	41.3520	105.5249014	105.578485	1.869146	105.581702	
2010	154	2000	154.833333333		06/03/2010 20:00	187.06	2.62762	0.336	17.48	0.363	13.26	41.3473	105.5263301	105.579913	1.870646	105.583202	
2010	154	2100	154.875000000		06/03/2010 21:00	187.15	2.62888	0.336	17.45	0.364	13.19	41.3445	105.5271874	105.580771	1.871546	105.584102	
2010	154	2200	154.916666667		06/03/2010 22:00	187.17	2.62916	0.336	17.46	0.364	13.14	41.3439	105.5273779	105.580961	1.871746	105.584302	
2010	154	2300	154.958333333		06/03/2010 23:00	187.13	2.62860	0.336	17.46	0.364	13.09	41.3452	105.5269969	105.580580	1.871346	105.583902	
2010	154	2400	155.000000000		06/04/2010 0:00	187.16	2.62902	0.336	17.46	0.364	13.05	41.3442	105.5272826	105.580866	1.871646	105.584202	
2010	155	100	155.041666667		06/04/2010 1:00	187.07	2.62776	0.336	17.47	0.364	13.01	41.3470	105.5264254	105.580009	1.870746	105.583302	
2010	155	200	155.083333333		06/04/2010 2:00	187.19	2.62944	0.336	17.47	0.364	12.97	41.3433	105.5275684	105.581152	1.871946	105.584502	
2010	155	300	155.125000000		06/04/2010 3:00	187.22	2.62986	0.336	17.44	0.364	12.93	41.3423	105.5278541	105.581437	1.872246	105.584802	
2010	155	400	155.166666667		06/04/2010 4:00	187.23	2.63000	0.336	17.46	0.364	12.9	41.3420	105.5279494	105.581533	1.872346	105.584902	
2010	155	500	155.208333333		06/04/2010 5:00	187.21	2.62972	0.336	17.46	0.364	12.88	41.3427	105.5277589	105.581342	1.872146	105.584702	
2010	155	600	155.250000000		06/04/2010 6:00	187.28	2.63071	0.336	17.47	0.364	13.76	41.3405	105.5284256	105.582009	1.872846	105.585402	
2010	155	700	155.291666667		06/04/2010 7:00	187.32	2.63127	0.336	17.47	0.364	13.76	41.3392	105.5288066	105.582390	1.873246	105.585802	
2010	155	800	155.333333333		06/04/2010 8:00	187.5	2.63380	0.337	17.46	0.364	13.78	41.3336	105.5305211	105.584104	1.875046	105.587602	
2010	155	900	155.375000000		06/04/2010 9:00	187.64	2.63576	0.336	17.47	0.364	13.73	41.3292	105.5318546	105.585438	1.876446	105.589002	
2010	155	1000	155.416666667		06/04/2010 10:00	187.78	2.63773	0.336	17.46	0.364	13.68	41.3248	105.5331881	105.586771	1.877846	105.590402	
2010	155	1100	155.458333333		06/04/2010 11:00	187.93	2.63984	0.336	17.47	0.364	13.6	41.3202	105.5346169	105.588200	1.879346	105.591902	
2010	155	1200	155.500000000		06/04/2010 12:00	188.14	2.64279	0.336	17.47	0.364	13.55	41.3136	105.5366172	105.590200	1.881446	105.594002	
2010	155	1300	155.541666667		06/04/2010 13:00	188.32	2.64532	0.336	17.47	0.363	13.52	41.3080	105.5383317	105.591915	1.883246	105.595802	
2010	155	1400	155.583333333		06/04/2010 14:00	188.64	2.64981	0.336	17.49	0.364	13.5	41.2980	105.5413797	105.594963	1.886447	105.599002	
2010	155	1500	155.625000000		06/04/2010 15:00	188.83	2.65248	0.336	17.46	0.364	13.46	41.2920	105.5431895	105.596773	1.888347	105.600902	
2010	155	1600	155.666666667		06/04/2010 16:00	188.89	2.65332	0.336	17.46	0.364	13.47	41.2902	105.543761	105.597344	1.888947	105.601502	
2010	155	1700	155.708333333		06/04/2010 17:00	189.18	2.65740	0.336	17.47	0.364	13.51	41.2811	105.5465232	105.600106	1.891847	105.604402	
2010	155	1800	155.750000000		06/04/2010 18:00	189.17	2.65726	0.336	17.46	0.364	13.52	41.2814	105.546428	105.600011	1.891747	105.604302	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	155	1900	155.791666667		06/04/2010 19:00	189.15	2.65697	0.336	17.47	0.364	13.39	41.2820	105.5462375	105.599821	1.891547	105.604102	
2010	155	2000	155.833333333		06/04/2010 20:00	188.99	2.65473	0.336	17.47	0.364	13.29	41.2870	105.5447135	105.598297	1.889947	105.602502	
2010	155	2100	155.875000000		06/04/2010 21:00	188.93	2.65388	0.336	17.46	0.364	13.22	41.2889	105.544142	105.597725	1.889347	105.601902	
2010	155	2200	155.916666667		06/04/2010 22:00	188.8	2.65206	0.337	17.45	0.364	13.17	41.2930	105.5429037	105.596487	1.888047	105.600602	
2010	155	2300	155.958333333		06/04/2010 23:00	188.66	2.65009	0.336	17.48	0.364	13.12	41.2973	105.5415702	105.595153	1.886647	105.599202	
2010	155	2400	156.000000000		06/05/2010 0:00	188.47	2.64742	0.336	17.46	0.364	13.07	41.3033	105.5397604	105.593344	1.884746	105.597302	
2010	156	100	156.041666667		06/05/2010 1:00	188.16	2.64307	0.336	17.47	0.364	13.03	41.3130	105.5368077	105.590391	1.881646	105.594202	
2010	156	200	156.083333333		06/05/2010 2:00	188.01	2.64096	0.336	17.45	0.364	12.99	41.3177	105.5353789	105.588962	1.880146	105.592702	
2010	156	300	156.125000000		06/05/2010 3:00	187.82	2.63829	0.337	17.48	0.364	12.95	41.3236	105.5335692	105.587152	1.878246	105.590802	
2010	156	400	156.166666667		06/05/2010 4:00	187.55	2.63450	0.337	17.46	0.364	12.91	41.3320	105.5309974	105.584581	1.875546	105.588102	
2010	156	500	156.208333333		06/05/2010 5:00	187.31	2.63113	0.337	17.48	0.364	12.94	41.3395	105.5287114	105.582295	1.873146	105.585702	
2010	156	600	156.250000000		06/05/2010 6:00	187.09	2.62804	0.336	17.47	0.364	13.82	41.3464	105.5266159	105.580199	1.870946	105.583502	
2010	156	700	156.291666667		06/05/2010 7:00	186.82	2.62424	0.336	17.46	0.364	13.76	41.3548	105.5240441	105.577627	1.868246	105.580802	
2010	156	800	156.333333333		06/05/2010 8:00	186.6	2.62115	0.336	17.47	0.364	13.7	41.3617	105.5219486	105.575532	1.866046	105.578602	
2010	156	900	156.375000000		06/05/2010 9:00	186.53	2.62017	0.336	17.46	0.364	13.61	41.3639	105.5212818	105.574865	1.865346	105.577902	
2010	156	1000	156.416666667		06/05/2010 10:00	186.5	2.61975	0.336	17.45	0.364	13.55	41.3648	105.5209961	105.574579	1.865046	105.577602	
2010	156	1100	156.458333333		06/05/2010 11:00	186.43	2.61877	0.336	17.46	0.364	13.53	41.3670	105.5203293	105.573913	1.864346	105.576902	
2010	156	1200	156.500000000		06/05/2010 12:00	186.45	2.61905	0.336	17.47	0.364	13.56	41.3664	105.5205198	105.574103	1.864546	105.577102	
2010	156	1300	156.541666667		06/05/2010 13:00	186.54	2.62031	0.336	17.46	0.364	13.51	41.3636	105.5213771	105.574960	1.865446	105.578002	
2010	156	1400	156.583333333		06/05/2010 14:00	186.58	2.62087	0.336	17.45	0.364	13.44	41.3623	105.5217581	105.575341	1.865846	105.578402	
2010	156	1500	156.625000000		06/05/2010 15:00	186.78	2.62368	0.336	17.47	0.364	13.41	41.3561	105.5236631	105.577246	1.867846	105.580402	
2010	156	1600	156.666666667		06/05/2010 16:00	186.9	2.62537	0.336	17.47	0.364	13.43	41.3523	105.5248061	105.578389	1.869046	105.581602	
2010	156	1700	156.708333333		06/05/2010 17:00	187.02	2.62705	0.336	17.45	0.364	13.45	41.3486	105.5259491	105.579532	1.870246	105.582802	
2010	156	1800	156.750000000		06/05/2010 18:00	187.17	2.62916	0.336	17.45	0.364	13.47	41.3439	105.5273779	105.580961	1.871746	105.584302	
2010	156	1900	156.791666667		06/05/2010 19:00	187.23	2.63000	0.336	17.47	0.364	13.39	41.3420	105.5279494	105.581533	1.872346	105.584902	
2010	156	2000	156.833333333		06/05/2010 20:00	187.25	2.63029	0.336	17.47	0.364	13.28	41.3414	105.5281399	105.581723	1.872546	105.585102	
2010	156	2100	156.875000000		06/05/2010 21:00	187.26	2.63043	0.336	17.46	0.364	13.2	41.3411	105.5282351	105.581818	1.872646	105.585202	
2010	156	2200	156.916666667		06/05/2010 22:00	187.22	2.62986	0.336	17.46	0.364	13.14	41.3423	105.5278541	105.581437	1.872246	105.584802	
2010	156	2300	156.958333333		06/05/2010 23:00	187.15	2.62888	0.336	17.45	0.364	13.1	41.3445	105.5271874	105.580771	1.871546	105.584102	
2010	156	2400	157.000000000		06/06/2010 0:00	186.96	2.62621	0.336	17.46	0.364	13.04	41.3505	105.5253776	105.578961	1.869646	105.582202	
2010	157	100	157.041666667		06/06/2010 1:00	186.72	2.62284	0.336	17.44	0.364	13.01	41.3580	105.5230916	105.576675	1.867246	105.579802	
2010	157	200	157.083333333		06/06/2010 2:00	186.5	2.61975	0.336	17.45	0.364	12.97	41.3648	105.5209961	105.574579	1.865046	105.577602	
2010	157	300	157.125000000		06/06/2010 3:00	186.24	2.61610	0.336	17.45	0.364	12.93	41.3730	105.5185196	105.572103	1.862446	105.575002	
2010	157	400	157.166666667		06/06/2010 4:00	185.89	2.61118	0.336	17.46	0.364	12.9	41.3839	105.5151858	105.568769	1.858946	105.571501	
2010	157	500	157.208333333		06/06/2010 5:00	185.69	2.60837	0.336	17.45	0.364	12.93	41.3902	105.5132808	105.566864	1.856946	105.569501	
2010	157	600	157.250000000		06/06/2010 6:00	185.3	2.60289	0.336	17.46	0.364	13.68	41.4023	105.509566	105.563149	1.853046	105.565601	
2010	157	700	157.291666667		06/06/2010 7:00	185.09	2.59994	0.336	17.46	0.364	13.72	41.4089	105.5075658	105.561149	1.850946	105.563501	
2010	157	800	157.333333333		06/06/2010 8:00	184.76	2.59531	0.336	17.45	0.364	13.68	41.4192	105.5044225	105.558006	1.847646	105.560201	
2010	157	900	157.375000000		06/06/2010 9:00	184.54	2.59222	0.336	17.46	0.364	13.64	41.4261	105.502327	105.555910	1.845446	105.558001	
2010	157	1000	157.416666667		06/06/2010 10:00	183.17	2.57297	0.337	17.46	0.364	13.63	41.4689	105.4892777	105.542861	1.831745	105.544301	
2010	157	1100	157.458333333		06/06/2010 11:00	183.87	2.58281	0.346	17.46	0.374	13.55	41.4470	105.4959452	105.549528	1.838745	105.551301	
2010	157	1200	157.500000000		06/06/2010 12:00	183.6	2.57901	0.348	17.46	0.376	13.52	41.4555	105.4933734	105.546957	1.836045	105.548601	
2010	157	1300	157.541666667		06/06/2010 13:00	183.31	2.57494	0.349	17.45	0.378	13.47	41.4645	105.4906112	105.544194	1.833145	105.545701	
2010	157	1400	157.583333333		06/06/2010 14:00	183.13	2.57241	0.35	17.46	0.378	13.45	41.4702	105.4888967	105.542480	1.831345	105.543901	
2010	157	1500	157.625000000		06/06/2010 15:00	182.82	2.56806	0.35	17.45	0.378	13.41	41.4798	105.4859439	105.539527	1.828245	105.540801	
2010	157	1600	157.666666667		06/06/2010 16:00	182.62	2.56525	0.35	17.45	0.378	13.45	41.4861	105.4840389	105.537622	1.826245	105.538801	
2010	157	1700	157.708333333		06/06/2010 17:00	182.38	2.56188	0.35	17.45	0.378	13.49	41.4936	105.4817529	105.535336	1.823845	105.536401	
2010	157	1800	157.750000000		06/06/2010 18:00	182.2	2.55935	0.35	17.46	0.378	13.41	41.4992	105.4800384	105.533622	1.822045	105.534601	
2010	157	1900	157.791666667		06/06/2010 19:00	182.04	2.55710	0.35	17.45	0.378	13.31	41.5042	105.4785143	105.532098	1.820445	105.533000	
2010	157	2000	157.833333333		06/06/2010 20:00	181.82	2.55401	0.35	17.45	0.378	13.22	41.5111	105.4764188	105.530002	1.818245	105.530800	
2010	157	2100	157.875000000		06/06/2010 21:00	181.64	2.55148	0.35	17.46	0.378	13.16	41.5167	105.4747043	105.528288	1.816445	105.529000	
2010	157	2200	157.916666667		06/06/2010 22:00	181.52	2.54980	0.35	17.45	0.378	13.1	41.5205	105.4735613	105.527145	1.815245	105.527800	
2010	157	2300	157.958333333		06/06/2010 23:00	181.37	2.54769	0.35	17.45	0.378	13.05	41.5252	105.4721326	105.525716	1.813745	105.526300	
2010	157	2400	158.000000000		06/07/2010 0:00	181.24	2.54586	0.35	17.44	0.378	13.01	41.5292	105.4708943	105.524478	1.812445	105.525000	
2010	158	100	158.041666667		06/07/2010 1:00	181.06	2.54333	0.35	17.44	0.378	12.97	41.5348	105.4691798	105.522763	1.810645	105.523200	
2010	158	200	158.083333333		06/07/2010 2:00	181	2.54249	0.35	17.46	0.378	12.93	41.5367	105.4686083	105.522192	1.810045	105.522600	
2010	158	300	158.125000000		06/07/2010 3:00	180.79	2.53954	0.35	17.43	0.378	12.91	41.5433	105.466608	105.520191	1.807945	105.520500	
2010	158	400	158.166666667		06/07/2010 4:00	180.67	2.53786	0.35	17.45	0.378	12.89	41.5470	105.465465	105.519048	1.806745	105.519300	
2010	158	500	158.208333333		06/07/2010 5:00	180.57	2.53645	0.35	17.46	0.378	12.89	41.5502	105.4645125	105.518096	1.805745	105.518300	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	158	600	158.250000000		06/07/2010 6:00	180.47	2.53505	0.35	17.45	0.378	13.4	41.5533	105.46356	105.517143	1.804745	105.517300	
2010	158	700	158.291666667		06/07/2010 7:00	180.39	2.53392	0.35	17.43	0.378	13.71	41.5558	105.462798	105.516381	1.803944	105.516500	
2010	158	800	158.333333333		06/07/2010 8:00	180.27	2.53224	0.35	17.44	0.378	13.6	41.5595	105.461655	105.515238	1.802744	105.515300	
2010	158	900	158.375000000		06/07/2010 9:00	180.28	2.53238	0.349	17.44	0.378	13.53	41.5592	105.4617502	105.515334	1.802844	105.515400	
2010	158	1000	158.416666667		06/07/2010 10:00	180.32	2.53294	0.349	17.45	0.378	13.49	41.5580	105.4621313	105.515715	1.803244	105.515800	
2010	158	1100	158.458333333		06/07/2010 11:00	180.36	2.53350	0.349	17.45	0.378	13.47	41.5567	105.4625123	105.516096	1.803644	105.516200	
2010	158	1200	158.500000000		06/07/2010 12:00	180.45	2.53477	0.349	17.45	0.378	13.49	41.5539	105.4633695	105.516953	1.804545	105.517100	
2010	158	1300	158.541666667		06/07/2010 13:00	180.62	2.53715	0.349	17.46	0.378	13.45	41.5486	105.4649888	105.518572	1.806245	105.518800	
2010	158	1400	158.583333333		06/07/2010 14:00	180.74	2.53884	0.349	17.47	0.378	13.41	41.5448	105.4661318	105.519715	1.807445	105.520000	
2010	158	1500	158.625000000		06/07/2010 15:00	180.97	2.54207	0.349	17.46	0.378	13.39	41.5377	105.4683225	105.521906	1.809745	105.522300	
2010	158	1600	158.666666667		06/07/2010 16:00	181.16	2.54474	0.349	17.46	0.378	13.38	41.5317	105.4701323	105.523716	1.811645	105.524200	
2010	158	1700	158.708333333		06/07/2010 17:00	181.35	2.54741	0.349	17.44	0.378	13.39	41.5258	105.4719421	105.525525	1.813545	105.526100	
2010	158	1800	158.750000000		06/07/2010 18:00	181.53	2.54994	0.349	17.44	0.378	13.31	41.5202	105.4736566	105.527240	1.815345	105.527900	
2010	158	1900	158.791666667		06/07/2010 19:00	181.89	2.55499	0.349	17.44	0.378	13.2	41.5089	105.4770856	105.530669	1.818945	105.531500	
2010	158	2000	158.833333333		06/07/2010 20:00	181.93	2.55556	0.349	17.43	0.378	13.13	41.5077	105.4774666	105.531050	1.819345	105.531900	
2010	158	2100	158.875000000		06/07/2010 21:00	182.09	2.55780	0.349	17.46	0.378	13.07	41.5027	105.4789906	105.532574	1.820945	105.533500	
2010	158	2200	158.916666667		06/07/2010 22:00	182.34	2.56131	0.349	17.45	0.378	13.02	41.4948	105.4813719	105.534955	1.823445	105.536001	
2010	158	2300	158.958333333		06/07/2010 23:00	182.42	2.56244	0.349	17.45	0.378	12.98	41.4923	105.4821339	105.535717	1.824245	105.536801	
2010	158	2400	159.000000000		06/08/2010 0:00	182.49	2.56342	0.349	17.45	0.378	12.95	41.4902	105.4828006	105.536384	1.824945	105.537501	
2010	159	100	159.041666667		06/08/2010 1:00	182.56	2.56441	0.349	17.44	0.378	12.91	41.4880	105.4834674	105.537051	1.825645	105.538201	
2010	159	200	159.083333333		06/08/2010 2:00	182.66	2.56581	0.349	17.44	0.378	12.89	41.4848	105.4844199	105.538003	1.826645	105.539201	
2010	159	300	159.125000000		06/08/2010 3:00	182.68	2.56609	0.349	17.44	0.378	12.87	41.4842	105.4846104	105.538194	1.826845	105.539401	
2010	159	400	159.166666667		06/08/2010 4:00	182.72	2.56665	0.349	17.44	0.378	12.86	41.4830	105.4849914	105.538575	1.827245	105.539801	
2010	159	500	159.208333333		06/08/2010 5:00	182.65	2.56567	0.349	17.45	0.378	12.89	41.4852	105.4843246	105.537908	1.826545	105.539101	
2010	159	600	159.250000000		06/08/2010 6:00	182.73	2.56679	0.349	17.44	0.378	13.77	41.4827	105.4850866	105.538670	1.827345	105.539901	
2010	159	700	159.291666667		06/08/2010 7:00	182.64	2.56553	0.349	17.42	0.378	13.72	41.4855	105.4842294	105.537813	1.826445	105.539001	
2010	159	800	159.333333333		06/08/2010 8:00	182.62	2.56525	0.349	17.44	0.378	13.65	41.4861	105.4840389	105.537622	1.826245	105.538801	
2010	159	900	159.375000000		06/08/2010 9:00	182.69	2.56623	0.349	17.44	0.378	13.54	41.4839	105.4847056	105.538289	1.826945	105.539501	
2010	159	1000	159.416666667		06/08/2010 10:00	182.72	2.56665	0.349	17.44	0.378	13.49	41.4830	105.4849914	105.538575	1.827245	105.539801	
2010	159	1100	159.458333333		06/08/2010 11:00	182.75	2.56707	0.349	17.45	0.378	13.45	41.4820	105.4852771	105.538860	1.827545	105.540101	
2010	159	1200	159.500000000		06/08/2010 12:00	182.9	2.56918	0.349	17.44	0.378	13.44	41.4773	105.4867059	105.540289	1.829045	105.541601	
2010	159	1300	159.541666667		06/08/2010 13:00	183.01	2.57073	0.349	17.45	0.378	13.41	41.4739	105.4877536	105.541337	1.830145	105.542701	
2010	159	1400	159.583333333		06/08/2010 14:00	183.24	2.57396	0.349	17.45	0.378	13.39	41.4667	105.4899444	105.543528	1.832445	105.545001	
2010	159	1500	159.625000000		06/08/2010 15:00	183.41	2.57634	0.349	17.45	0.378	13.36	41.4614	105.4915637	105.545147	1.834145	105.546701	
2010	159	1600	159.666666667		06/08/2010 16:00	183.67	2.58000	0.349	17.46	0.378	13.38	41.4533	105.4940402	105.547623	1.836745	105.549301	
2010	159	1700	159.708333333		06/08/2010 17:00	184.13	2.58646	0.349	17.46	0.378	13.4	41.4389	105.4984217	105.552005	1.841345	105.553901	
2010	159	1800	159.750000000		06/08/2010 18:00	184.58	2.59278	0.349	17.47	0.378	13.39	41.4248	105.502708	105.556291	1.845846	105.558401	
2010	159	1900	159.791666667		06/08/2010 19:00	184.94	2.59784	0.349	17.44	0.378	13.26	41.4136	105.506137	105.559720	1.849446	105.562001	
2010	159	2000	159.833333333		06/08/2010 20:00	185.44	2.60486	0.349	17.46	0.378	13.17	41.3980	105.5108995	105.564483	1.854446	105.567001	
2010	159	2100	159.875000000		06/08/2010 21:00	185.99	2.61259	0.349	17.46	0.378	13.11	41.3808	105.5161383	105.569722	1.859946	105.572501	
2010	159	2200	159.916666667		06/08/2010 22:00	186.75	2.62326	0.349	17.45	0.378	13.06	41.3570	105.5233773	105.576961	1.867546	105.580102	
2010	159	2300	159.958333333		06/08/2010 23:00	187.1	2.62818	0.349	17.45	0.378	13.01	41.3461	105.5267111	105.580294	1.871046	105.583602	
2010	159	2400	160.000000000		06/09/2010 0:00	187.64	2.63576	0.349	17.46	0.378	12.97	41.3292	105.5318546	105.585438	1.876446	105.589002	
2010	160	100	160.041666667		06/09/2010 1:00	188.26	2.64447	0.349	17.46	0.378	12.94	41.3098	105.5377602	105.591343	1.882646	105.595202	
2010	160	200	160.083333333		06/09/2010 2:00	188.96	2.65431	0.349	17.45	0.378	12.91	41.2880	105.5444277	105.598011	1.889647	105.602202	
2010	160	300	160.125000000		06/09/2010 3:00	189.45	2.66119	0.349	17.46	0.378	12.89	41.2727	105.549095	105.602678	1.894547	105.607102	
2010	160	400	160.166666667		06/09/2010 4:00	190.04	2.66948	0.349	17.44	0.378	12.89	41.2542	105.5547148	105.608298	1.900447	105.613002	
2010	160	500	160.208333333		06/09/2010 5:00	190.67	2.67833	0.349	17.47	0.378	13.02	41.2345	105.5607156	105.614299	1.906747	105.619303	
2010	160	600	160.250000000		06/09/2010 6:00	191.24	2.68633	0.349	17.43	0.378	13.68	41.2167	105.5661448	105.619728	1.912447	105.625003	
2010	160	700	160.291666667		06/09/2010 7:00	191.9	2.69560	0.35	17.45	0.378	13.66	41.1961	105.5724314	105.626015	1.919047	105.631603	
2010	160	800	160.333333333		06/09/2010 8:00	192.6	2.70544	0.35	17.45	0.378	13.62	41.1742	105.5790989	105.632682	1.926048	105.638603	
2010	160	900	160.375000000		06/09/2010 9:00	193.32	2.71555	0.351	17.45	0.379	13.57	41.1517	105.5859569	105.639540	1.933248	105.645803	
2010	160	1000	160.416666667		06/09/2010 10:00	194.01	2.72524	0.352	17.46	0.381	13.53	41.1302	105.5925292	105.646112	1.940148	105.652703	
2010	160	1100	160.458333333		06/09/2010 11:00	194.85	2.73704	0.354	17.47	0.383	13.6	41.1039	105.6005303	105.654114	1.948548	105.661104	
2010	160	1200	160.500000000		06/09/2010 12:00	195.67	2.74856	0.357	17.47	0.386	13.54	41.0783	105.6083408	105.661924	1.956748	105.669304	
2010	160	1300	160.541666667		06/09/2010 13:00	196.56	2.76106	0.361	17.46	0.391	13.49	41.0505	105.6168181	105.670401	1.965648	105.678204	
2010	160	1400	160.583333333		06/09/2010 14:00	197.68	2.77679	0.366	17.46	0.396	13.45	41.0155	105.6274862	105.681069	1.976849	105.689404	
2010	160	1500	160.625000000		06/09/2010 15:00	198.42	2.78719	0.37	17.47	0.4	13.48	40.9923	105.6345347	105.688118	1.984249	105.696805	
2010	160	1600	160.666666667		06/09/2010 16:00	199.37	2.80053	0.372	17.46	0.402	13.49	40.9627	105.6435835	105.697167	1.993749	105.706305	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	160	1700	160.708333333		06/09/2010 17:00	200.54	2.81697	0.373	17.46	0.403	13.51	40.9261	105.6547278	105.708311	2.005449	105.718005	
2010	160	1800	160.750000000		06/09/2010 18:00	201.23	2.82666	0.374	17.46	0.404	13.44	40.9045	105.6613001	105.714883	2.012350	105.724905	
2010	160	1900	160.791666667		06/09/2010 19:00	202.32	2.84197	0.375	17.46	0.405	13.33	40.8705	105.6716824	105.725266	2.023250	105.735805	
2010	160	2000	160.833333333		06/09/2010 20:00	203.04	2.85209	0.375	17.48	0.406	13.23	40.8480	105.6785405	105.732124	2.030450	105.743006	
2010	160	2100	160.875000000		06/09/2010 21:00	203.84	2.86332	0.376	17.46	0.406	13.18	40.8230	105.6861605	105.739744	2.038450	105.751006	
2010	160	2200	160.916666667		06/09/2010 22:00	204.74	2.87597	0.376	17.47	0.406	13.12	40.7948	105.6947331	105.748316	2.047450	105.760006	
2010	160	2300	160.958333333		06/09/2010 23:00	205.57	2.88762	0.376	17.45	0.407	13.07	40.7689	105.7026389	105.756222	2.055751	105.768306	
2010	160	2400	161.000000000		06/10/2010 0:00	206.35	2.89858	0.376	17.46	0.407	13.03	40.7445	105.7100684	105.763652	2.063551	105.776106	
2010	161	100	161.041666667		06/10/2010 1:00	207.11	2.90926	0.377	17.46	0.407	12.99	40.7208	105.7173074	105.770891	2.071151	105.783707	
2010	161	200	161.083333333		06/10/2010 2:00	207.83	2.91937	0.376	17.47	0.407	12.95	40.6983	105.7241655	105.777749	2.078351	105.790907	
2010	161	300	161.125000000		06/10/2010 3:00	208.63	2.93061	0.376	17.46	0.407	12.92	40.6733	105.7317855	105.785369	2.086351	105.798907	
2010	161	400	161.166666667		06/10/2010 4:00	209.34	2.94058	0.376	17.47	0.407	12.89	40.6511	105.7385483	105.792132	2.093452	105.806007	
2010	161	500	161.208333333		06/10/2010 5:00	210.08	2.95098	0.377	17.47	0.407	12.92	40.6280	105.7455968	105.799180	2.100852	105.813407	
2010	161	600	161.250000000		06/10/2010 6:00	210.8	2.96109	0.376	17.46	0.407	13.8	40.6055	105.7524549	105.806038	2.108052	105.820608	
2010	161	700	161.291666667		06/10/2010 7:00	211.65	2.97303	0.377	17.47	0.407	13.77	40.5789	105.7605512	105.814134	2.116552	105.829108	
2010	161	800	161.333333333		06/10/2010 8:00	212.49	2.98483	0.377	17.49	0.407	13.72	40.5527	105.7685522	105.822135	2.124952	105.837508	
2010	161	900	161.375000000		06/10/2010 9:00	213.24	2.99536	0.376	17.49	0.407	13.65	40.5292	105.775696	105.829279	2.132453	105.845008	
2010	161	1000	161.416666667		06/10/2010 10:00	214.12	3.00773	0.376	17.49	0.407	13.6	40.5017	105.7840781	105.837661	2.141253	105.853808	
2010	161	1100	161.458333333		06/10/2010 11:00	214.94	3.01924	0.376	17.5	0.407	13.56	40.4761	105.7918886	105.845472	2.149453	105.862009	
2010	161	1200	161.500000000		06/10/2010 12:00	216.11	3.03568	0.376	17.47	0.407	13.55	40.4395	105.8030329	105.856616	2.161153	105.873709	
2010	161	1300	161.541666667		06/10/2010 13:00	216.89	3.04664	0.377	17.48	0.407	13.51	40.4151	105.8104625	105.864046	2.168953	105.881509	
2010	161	1400	161.583333333		06/10/2010 14:00	217.84	3.05998	0.376	17.49	0.407	13.51	40.3855	105.8195113	105.873095	2.178454	105.891009	
2010	161	1500	161.625000000		06/10/2010 15:00	218.77	3.07304	0.377	17.49	0.407	13.64	40.3564	105.8283696	105.881953	2.187754	105.900310	
2010	161	1600	161.666666667		06/10/2010 16:00	219.57	3.08428	0.377	17.48	0.407	13.67	40.3314	105.8359896	105.889573	2.195754	105.908310	
2010	161	1700	161.708333333		06/10/2010 17:00	220.51	3.09749	0.377	17.49	0.407	13.59	40.3020	105.8449432	105.898526	2.205154	105.917710	
2010	161	1800	161.750000000		06/10/2010 18:00	221.42	3.11027	0.377	17.48	0.408	13.61	40.2736	105.853611	105.907194	2.214255	105.926810	
2010	161	1900	161.791666667		06/10/2010 19:00	222.21	3.12137	0.377	17.49	0.407	13.53	40.2489	105.8611357	105.914719	2.222155	105.934710	
2010	161	2000	161.833333333		06/10/2010 20:00	223.13	3.13429	0.377	17.49	0.407	13.39	40.2201	105.8698988	105.923482	2.231355	105.943911	
2010	161	2100	161.875000000		06/10/2010 21:00	223.47	3.13906	0.377	17.49	0.407	13.3	40.2095	105.8731373	105.926721	2.234755	105.947311	
2010	161	2200	161.916666667		06/10/2010 22:00	224.07	3.14749	0.377	17.49	0.407	13.23	40.1908	105.8788523	105.932436	2.240755	105.953311	
2010	161	2300	161.958333333		06/10/2010 23:00	224.52	3.15381	0.377	17.49	0.407	13.17	40.1767	105.8831386	105.936722	2.245255	105.957811	
2010	161	2400	162.000000000		06/11/2010 0:00	225.06	3.16140	0.377	17.48	0.407	13.12	40.1598	105.8882821	105.941865	2.250656	105.963211	
2010	162	100	162.041666667		06/11/2010 1:00	225.5	3.16758	0.377	17.49	0.408	13.07	40.1461	105.8924732	105.946056	2.255056	105.967611	
2010	162	200	162.083333333		06/11/2010 2:00	226.04	3.17517	0.377	17.48	0.407	13.03	40.1292	105.8976167	105.951200	2.260456	105.973011	
2010	162	300	162.125000000		06/11/2010 3:00	226.61	3.18317	0.377	17.48	0.407	12.99	40.1114	105.903046	105.956629	2.266156	105.978711	
2010	162	400	162.166666667		06/11/2010 4:00	227.18	3.19118	0.377	17.48	0.408	12.95	40.0936	105.9084753	105.962059	2.271856	105.984412	
2010	162	500	162.208333333		06/11/2010 5:00	227.72	3.19876	0.377	17.49	0.407	13.03	40.0767	105.9136188	105.967202	2.277256	105.989812	
2010	162	600	162.250000000		06/11/2010 6:00	228.2	3.20551	0.377	17.48	0.408	13.76	40.0617	105.9181908	105.971774	2.282056	105.994612	
2010	162	700	162.291666667		06/11/2010 7:00	228.8	3.21393	0.377	17.49	0.407	13.72	40.0430	105.9239058	105.977489	2.288056	106.000612	
2010	162	800	162.333333333		06/11/2010 8:00	229.23	3.21997	0.377	17.47	0.407	13.65	40.0295	105.9280016	105.981585	2.292357	106.004912	
2010	162	900	162.375000000		06/11/2010 9:00	229.7	3.22658	0.377	17.49	0.407	13.58	40.0148	105.9324784	105.986062	2.297057	106.009612	
2010	162	1000	162.416666667		06/11/2010 10:00	230.26	3.23444	0.377	17.5	0.407	13.51	39.9973	105.9378124	105.991396	2.302657	106.015212	
2010	162	1100	162.458333333		06/11/2010 11:00	230.81	3.24217	0.377	17.51	0.407	13.49	39.9801	105.9430512	105.996634	2.308157	106.020712	
2010	162	1200	162.500000000		06/11/2010 12:00	231.36	3.24989	0.377	17.51	0.407	13.51	39.9630	105.94829	106.001873	2.313657	106.026213	
2010	162	1300	162.541666667		06/11/2010 13:00	232.1	3.26029	0.377	17.5	0.407	13.46	39.9398	105.9553385	106.008922	2.321057	106.033613	
2010	162	1400	162.583333333		06/11/2010 14:00	232.92	3.27181	0.377	17.5	0.407	13.41	39.9142	105.9631491	106.016732	2.329257	106.041813	
2010	162	1500	162.625000000		06/11/2010 15:00	233.79	3.28403	0.377	17.5	0.407	13.39	39.8870	105.9714359	106.025019	2.337958	106.050513	
2010	162	1600	162.666666667		06/11/2010 16:00	234.61	3.29555	0.377	17.5	0.407	13.39	39.8614	105.9792464	106.032830	2.346158	106.058713	
2010	162	1700	162.708333333		06/11/2010 17:00	235.46	3.30749	0.377	17.5	0.407	13.4	39.8348	105.9873427	106.040926	2.354658	106.067214	
2010	162	1800	162.750000000		06/11/2010 18:00	236.31	3.31943	0.377	17.5	0.407	13.31	39.8083	105.995439	106.049022	2.363158	106.075714	
2010	162	1900	162.791666667		06/11/2010 19:00	237.16	3.33137	0.377	17.5	0.407	13.2	39.7817	106.0035353	106.057119	2.371658	106.084214	
2010	162	2000	162.833333333		06/11/2010 20:00	237.91	3.34190	0.377	17.49	0.407	13.13	39.7583	106.0106791	106.064262	2.379159	106.091714	
2010	162	2100	162.875000000		06/11/2010 21:00	238.65	3.35230	0.377	17.5	0.407	13.07	39.7351	106.0177276	106.071311	2.386559	106.099114	
2010	162	2200	162.916666667		06/11/2010 22:00	239.39	3.36269	0.376	17.5	0.407	13.02	39.7120	106.0247762	106.078359	2.393959	106.106515	
2010	162	2300	162.958333333		06/11/2010 23:00	240.01	3.37140	0.376	17.5	0.407	12.99	39.6926	106.0306817	106.084265	2.400159	106.112715	
2010	162	2400	163.000000000		06/12/2010 0:00	240.66	3.38053	0.377	17.5	0.407	12.95	39.6723	106.036873	106.090456	2.406659	106.119215	
2010	163	100	163.041666667		06/12/2010 1:00	241.14	3.38727	0.376	17.5	0.407	12.92	39.6573	106.041445	106.095028	2.411459	106.124015	
2010	163	200	163.083333333		06/12/2010 2:00	241.64	3.39430	0.376	17.5	0.407	12.89	39.6417	106.0462075	106.099791	2.416460	106.129015	
2010	163	300	163.125000000		06/12/2010 3:00	242.11	3.40090	0.376	17.51	0.407	12.87	39.6270	106.0506843	106.104268	2.421160	106.133715	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	163	400	163.166666667		06/12/2010 4:00	242.45	3.40567	0.376	17.5	0.407	12.86	39.6164	106.0539228	106.107506	2.424560	106.137115	
2010	163	500	163.208333333		06/12/2010 5:00	242.81	3.41073	0.376	17.51	0.407	12.9	39.6051	106.0573518	106.110935	2.428160	106.140715	
2010	163	600	163.250000000		06/12/2010 6:00	243.15	3.41551	0.376	17.51	0.406	13.75	39.5945	106.0605904	106.114174	2.431560	106.144116	
2010	163	700	163.291666667		06/12/2010 7:00	243.44	3.41958	0.376	17.52	0.406	13.68	39.5855	106.0633526	106.116936	2.434460	106.147016	
2010	163	800	163.333333333		06/12/2010 8:00	243.76	3.42408	0.376	17.5	0.406	13.61	39.5755	106.0664006	106.119984	2.437660	106.150216	
2010	163	900	163.375000000		06/12/2010 9:00	244.09	3.42871	0.376	17.5	0.406	13.53	39.5651	106.0695439	106.123127	2.440960	106.153516	
2010	163	1000	163.416666667		06/12/2010 10:00	244.38	3.43279	0.376	17.52	0.406	13.45	39.5561	106.0723062	106.125889	2.443860	106.156416	
2010	163	1100	163.458333333		06/12/2010 11:00	244.66	3.43672	0.376	17.5	0.406	13.42	39.5473	106.0749732	106.128556	2.446660	106.159216	
2010	163	1200	163.500000000		06/12/2010 12:00	244.91	3.44023	0.375	17.51	0.406	13.44	39.5395	106.0773545	106.130938	2.449160	106.161716	
2010	163	1300	163.541666667		06/12/2010 13:00	245.13	3.44332	0.375	17.51	0.406	13.39	39.5326	106.07945	106.133033	2.451360	106.163916	
2010	163	1400	163.583333333		06/12/2010 14:00	245.32	3.44599	0.376	17.54	0.406	13.33	39.5267	106.0812597	106.134843	2.453261	106.165816	
2010	163	1500	163.625000000		06/12/2010 15:00	245.51	3.44866	0.375	17.53	0.406	13.31	39.5208	106.0830695	106.136653	2.455161	106.167716	
2010	163	1600	163.666666667		06/12/2010 16:00	245.72	3.45161	0.375	17.52	0.406	13.31	39.5142	106.0850698	106.138653	2.457261	106.169816	
2010	163	1700	163.708333333		06/12/2010 17:00	245.91	3.45428	0.376	17.53	0.406	13.31	39.5083	106.0868795	106.140463	2.459161	106.171716	
2010	163	1800	163.750000000		06/12/2010 18:00	245.97	3.45512	0.375	17.52	0.406	13.22	39.5064	106.087451	106.141034	2.459761	106.172316	
2010	163	1900	163.791666667		06/12/2010 19:00	246.02	3.45582	0.375	17.54	0.405	13.11	39.5048	106.0879273	106.141511	2.460261	106.172816	
2010	163	2000	163.833333333		06/12/2010 20:00	245.99	3.45540	0.375	17.51	0.405	13.04	39.5058	106.0876415	106.141225	2.459961	106.172516	
2010	163	2100	163.875000000		06/12/2010 21:00	245.91	3.45428	0.375	17.53	0.405	13	39.5083	106.0868795	106.140463	2.459161	106.171716	
2010	163	2200	163.916666667		06/12/2010 22:00	245.66	3.45077	0.375	17.52	0.405	12.95	39.5161	106.0844982	106.138082	2.456661	106.169216	
2010	163	2300	163.958333333		06/12/2010 23:00	245.41	3.44725	0.375	17.5	0.405	12.93	39.5239	106.082117	106.135700	2.454161	106.166716	
2010	163	2400	164.000000000		06/13/2010 0:00	245.05	3.44220	0.375	17.5	0.405	12.91	39.5351	106.078688	106.132271	2.450560	106.163116	
2010	164	100	164.041666667		06/13/2010 1:00	244.62	3.43616	0.375	17.51	0.405	12.9	39.5486	106.0745922	106.128175	2.446260	106.158816	
2010	164	200	164.083333333		06/13/2010 2:00	244.08	3.42857	0.374	17.52	0.405	12.89	39.5655	106.0694487	106.123032	2.440860	106.153416	
2010	164	300	164.125000000		06/13/2010 3:00	243.57	3.42141	0.375	17.52	0.405	12.88	39.5814	106.0645909	106.118174	2.435760	106.148316	
2010	164	400	164.166666667		06/13/2010 4:00	243.02	3.41368	0.375	17.51	0.405	12.88	39.5986	106.0593521	106.112935	2.430260	106.142816	
2010	164	500	164.208333333		06/13/2010 5:00	242.46	3.40582	0.374	17.5	0.405	12.9	39.6161	106.0540181	106.107601	2.424660	106.137215	
2010	164	600	164.250000000		06/13/2010 6:00	241.88	3.39767	0.374	17.51	0.405	13.67	39.6342	106.0484935	106.102077	2.418860	106.131415	
2010	164	700	164.291666667		06/13/2010 7:00	241.4	3.39093	0.374	17.53	0.404	13.62	39.6492	106.0439215	106.097505	2.414060	106.126615	
2010	164	800	164.333333333		06/13/2010 8:00	241	3.38531	0.374	17.53	0.404	13.53	39.6617	106.0401115	106.093695	2.410059	106.122615	
2010	164	900	164.375000000		06/13/2010 9:00	240.59	3.37955	0.374	17.54	0.404	13.45	39.6745	106.0362062	106.089789	2.405959	106.118515	
2010	164	1000	164.416666667		06/13/2010 10:00	240.29	3.37533	0.374	17.53	0.404	13.39	39.6839	106.0333487	106.086932	2.402959	106.115515	
2010	164	1100	164.458333333		06/13/2010 11:00	240.01	3.37140	0.374	17.53	0.404	13.35	39.6926	106.0306817	106.084265	2.400159	106.112715	
2010	164	1200	164.500000000		06/13/2010 12:00	239.87	3.36943	0.374	17.53	0.404	13.33	39.6970	106.0293482	106.082931	2.398759	106.111315	
2010	164	1300	164.541666667		06/13/2010 13:00	239.77	3.36803	0.374	17.55	0.404	13.29	39.7001	106.0283957	106.081979	2.397759	106.110315	
2010	164	1400	164.583333333		06/13/2010 14:00	239.68	3.36676	0.374	17.53	0.404	13.23	39.7030	106.0275384	106.081122	2.396859	106.109415	
2010	164	1500	164.625000000		06/13/2010 15:00	239.73	3.36747	0.374	17.55	0.404	13.21	39.7014	106.0280147	106.081598	2.397359	106.109915	
2010	164	1600	164.666666667		06/13/2010 16:00	239.76	3.36789	0.374	17.53	0.404	13.21	39.7005	106.0283004	106.081884	2.397659	106.110215	
2010	164	1700	164.708333333		06/13/2010 17:00	239.96	3.37070	0.374	17.54	0.404	13.23	39.6942	106.0302054	106.083789	2.399659	106.112215	
2010	164	1800	164.750000000		06/13/2010 18:00	240.11	3.37281	0.374	17.54	0.404	13.15	39.6895	106.0316342	106.085217	2.401159	106.113715	
2010	164	1900	164.791666667		06/13/2010 19:00	240.24	3.37463	0.374	17.53	0.404	13.05	39.6855	106.0328725	106.086456	2.402459	106.115015	
2010	164	2000	164.833333333		06/13/2010 20:00	240.22	3.37435	0.374	17.52	0.404	13	39.6861	106.032682	106.086265	2.402259	106.114815	
2010	164	2100	164.875000000		06/13/2010 21:00	240.2	3.37407	0.374	17.53	0.404	12.96	39.6867	106.0324915	106.086075	2.402059	106.114615	
2010	164	2200	164.916666667		06/13/2010 22:00	240.16	3.37351	0.374	17.54	0.404	12.93	39.6880	106.0321105	106.085694	2.401659	106.114215	
2010	164	2300	164.958333333		06/13/2010 23:00	240.11	3.37281	0.374	17.53	0.404	12.93	39.6895	106.0316342	106.085217	2.401159	106.113715	
2010	164	2400	165.000000000		06/14/2010 0:00	239.85	3.36915	0.374	17.51	0.404	12.92	39.6976	106.0291577	106.082741	2.398559	106.111115	
2010	165	100	165.041666667		06/14/2010 1:00	239.68	3.36676	0.374	17.53	0.404	12.91	39.7030	106.0275384	106.081122	2.396859	106.109415	
2010	165	200	165.083333333		06/14/2010 2:00	239.46	3.36367	0.374	17.52	0.404	12.91	39.7098	106.0254429	106.079026	2.394659	106.107215	
2010	165	300	165.125000000		06/14/2010 3:00	239.24	3.36058	0.374	17.52	0.404	12.91	39.7167	106.0233474	106.076931	2.392459	106.105015	
2010	165	400	165.166666667		06/14/2010 4:00	239.02	3.35749	0.374	17.51	0.404	12.9	39.7236	106.0212519	106.074835	2.390259	106.102815	
2010	165	500	165.208333333		06/14/2010 5:00	238.71	3.35314	0.374	17.52	0.404	12.93	39.7333	106.0182991	106.071882	2.387159	106.099714	
2010	165	600	165.250000000		06/14/2010 6:00	238.44	3.34935	0.374	17.52	0.404	13.72	39.7417	106.0157274	106.069311	2.384459	106.097014	
2010	165	700	165.291666667		06/14/2010 7:00	238.16	3.34541	0.374	17.52	0.404	13.69	39.7505	106.0130603	106.066644	2.381659	106.094214	
2010	165	800	165.333333333		06/14/2010 8:00	237.72	3.33923	0.374	17.54	0.404	13.64	39.7642	106.0088693	106.062453	2.377259	106.089814	
2010	165	900	165.375000000		06/14/2010 9:00	237.53	3.33656	0.374	17.51	0.404	13.58	39.7701	106.0070596	106.060643	2.375359	106.087914	
2010	165	1000	165.416666667		06/14/2010 10:00	237.25	3.33263	0.374	17.51	0.404	13.51	39.7789	106.0043925	106.057976	2.372559	106.085114	
2010	165	1100	165.458333333		06/14/2010 11:00	237.09	3.33038	0.374	17.52	0.404	13.47	39.7839	106.0028685	106.056452	2.370958	106.083514	
2010	165	1200	165.500000000		06/14/2010 12:00	236.99	3.32898	0.374	17.52	0.404	13.46	39.7870	106.001916	106.055499	2.369958	106.082514	
2010	165	1300	165.541666667		06/14/2010 13:00	237.1	3.33052	0.374	17.52	0.404	13.45	39.7836	106.0029638	106.056547	2.371058	106.083614	
2010	165	1400	165.583333333		06/14/2010 14:00	237.29	3.33319	0.374	17.54	0.404	13.38	39.7776	106.0047735	106.058357	2.372959	106.085514	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	165	1500	165.625000000		06/14/2010 15:00	237.56	3.33699	0.374	17.53	0.404	13.37	39.7692	106.0073453	106.060929	2.375659	106.088214	
2010	165	1600	165.666666667		06/14/2010 16:00	237.92	3.34204	0.374	17.53	0.404	13.36	39.7580	106.0107743	106.064358	2.379259	106.091814	
2010	165	1700	165.708333333		06/14/2010 17:00	238.37	3.34836	0.374	17.53	0.404	13.37	39.7439	106.0150606	106.068644	2.383759	106.096314	
2010	165	1800	165.750000000		06/14/2010 18:00	238.73	3.35342	0.374	17.5	0.404	13.31	39.7326	106.0184896	106.072073	2.387359	106.099914	
2010	165	1900	165.791666667		06/14/2010 19:00	239.1	3.35862	0.374	17.5	0.404	13.19	39.7211	106.0220139	106.075597	2.391059	106.103615	
2010	165	2000	165.833333333		06/14/2010 20:00	239.54	3.36480	0.374	17.52	0.404	13.12	39.7073	106.0262049	106.079788	2.395459	106.108015	
2010	165	2100	165.875000000		06/14/2010 21:00	239.83	3.36887	0.374	17.54	0.404	13.06	39.6983	106.0289672	106.082550	2.398359	106.110915	
2010	165	2200	165.916666667		06/14/2010 22:00	240.13	3.37309	0.374	17.51	0.404	13.02	39.6889	106.0318247	106.085408	2.401359	106.113915	
2010	165	2300	165.958333333		06/14/2010 23:00	240.5	3.37828	0.374	17.5	0.404	12.99	39.6773	106.035349	106.088932	2.405059	106.117615	
2010	165	2400	166.000000000		06/15/2010 0:00	240.9	3.38390	0.374	17.53	0.404	12.97	39.6648	106.039159	106.092742	2.409059	106.121615	
2010	166	100	166.041666667		06/15/2010 1:00	241.12	3.38699	0.374	17.52	0.404	12.95	39.6580	106.0412545	106.094838	2.411259	106.123815	
2010	166	200	166.083333333		06/15/2010 2:00	241.43	3.39135	0.374	17.52	0.404	12.93	39.6483	106.0442073	106.097791	2.414360	106.126915	
2010	166	300	166.125000000		06/15/2010 3:00	241.78	3.39626	0.374	17.52	0.404	12.92	39.6373	106.047541	106.101124	2.417860	106.130415	
2010	166	400	166.166666667		06/15/2010 4:00	241.99	3.39921	0.374	17.54	0.404	12.91	39.6308	106.0495413	106.103125	2.419960	106.132515	
2010	166	500	166.208333333		06/15/2010 5:00	242.16	3.40160	0.374	17.5	0.404	12.94	39.6255	106.0511606	106.104744	2.421660	106.134215	
2010	166	600	166.250000000		06/15/2010 6:00	242.36	3.40441	0.374	17.53	0.404	13.8	39.6192	106.0530656	106.106649	2.423660	106.136215	
2010	166	700	166.291666667		06/15/2010 7:00	242.51	3.40652	0.374	17.52	0.404	13.75	39.6145	106.0544943	106.108078	2.425160	106.137715	
2010	166	800	166.333333333		06/15/2010 8:00	242.84	3.41115	0.374	17.49	0.404	13.7	39.6042	106.0576376	106.111221	2.428460	106.141015	
2010	166	900	166.375000000		06/15/2010 9:00	242.88	3.41172	0.374	17.5	0.404	13.64	39.6030	106.0580186	106.111602	2.428860	106.141415	
2010	166	1000	166.416666667		06/15/2010 10:00	243.05	3.41410	0.374	17.5	0.404	13.57	39.5976	106.0596379	106.113221	2.430560	106.143116	
2010	166	1100	166.458333333		06/15/2010 11:00	243.43	3.41944	0.374	17.53	0.404	13.56	39.5858	106.0632574	106.116841	2.434360	106.146916	
2010	166	1200	166.500000000		06/15/2010 12:00	243.69	3.42309	0.374	17.52	0.404	13.57	39.5776	106.0657339	106.119317	2.436960	106.149516	
2010	166	1300	166.541666667		06/15/2010 13:00	244.06	3.42829	0.374	17.53	0.404	13.53	39.5661	106.0692582	106.122841	2.440660	106.153216	
2010	166	1400	166.583333333		06/15/2010 14:00	244.58	3.43559	0.374	17.5	0.404	13.47	39.5498	106.0742112	106.127794	2.445860	106.158416	
2010	166	1500	166.625000000		06/15/2010 15:00	245.26	3.44515	0.374	17.51	0.404	13.47	39.5286	106.0806882	106.134271	2.452660	106.165216	
2010	166	1600	166.666666667		06/15/2010 16:00	245.79	3.45259	0.374	17.55	0.404	13.5	39.5120	106.0857365	106.139320	2.457961	106.170516	
2010	166	1700	166.708333333		06/15/2010 17:00	246.47	3.46214	0.374	17.53	0.404	13.53	39.4908	106.0922135	106.145797	2.464761	106.177316	
2010	166	1800	166.750000000		06/15/2010 18:00	247.12	3.47127	0.374	17.51	0.404	13.57	39.4705	106.0984048	106.151988	2.471261	106.183817	
2010	166	1900	166.791666667		06/15/2010 19:00	247.75	3.48012	0.374	17.49	0.404	13.39	39.4508	106.1044056	106.157989	2.477561	106.190117	
2010	166	2000	166.833333333		06/15/2010 20:00	248.32	3.48813	0.374	17.52	0.404	13.29	39.4330	106.1098349	106.163418	2.483261	106.195817	
2010	166	2100	166.875000000		06/15/2010 21:00	248.92	3.49656	0.374	17.5	0.404	13.22	39.4142	106.1155499	106.169133	2.489261	106.201817	
2010	166	2200	166.916666667		06/15/2010 22:00	249.46	3.50414	0.374	17.54	0.404	13.17	39.3973	106.1206935	106.174277	2.494662	106.207217	
2010	166	2300	166.958333333		06/15/2010 23:00	250	3.51173	0.374	17.53	0.404	13.12	39.3805	106.125837	106.179420	2.500062	106.212617	
2010	166	2400	167.000000000		06/16/2010 0:00	250.43	3.51777	0.374	17.52	0.404	13.07	39.3670	106.1299328	106.183516	2.504362	106.216917	
2010	167	100	167.041666667		06/16/2010 1:00	250.93	3.52479	0.374	17.56	0.404	13.02	39.3514	106.1346953	106.188279	2.509362	106.221917	
2010	167	200	167.083333333		06/16/2010 2:00	251.35	3.53069	0.374	17.53	0.404	12.99	39.3383	106.1386958	106.192279	2.513562	106.226118	
2010	167	300	167.125000000		06/16/2010 3:00	251.67	3.53519	0.374	17.52	0.404	12.96	39.3283	106.1417438	106.195327	2.516762	106.229318	
2010	167	400	167.166666667		06/16/2010 4:00	252.06	3.54067	0.374	17.53	0.404	12.93	39.3161	106.1454586	106.199042	2.520662	106.233218	
2010	167	500	167.208333333		06/16/2010 5:00	252.39	3.54530	0.374	17.53	0.404	12.91	39.3058	106.1486019	106.202185	2.523962	106.236518	
2010	167	600	167.250000000		06/16/2010 6:00	252.63	3.54867	0.374	17.54	0.404	13.9	39.2983	106.1508879	106.204471	2.526362	106.238918	
2010	167	700	167.291666667		06/16/2010 7:00	252.88	3.55218	0.374	17.53	0.404	13.84	39.2905	106.1532691	106.206852	2.528862	106.241418	
2010	167	800	167.333333333		06/16/2010 8:00	253.25	3.55738	0.374	17.52	0.404	13.78	39.2789	106.1567934	106.210377	2.532562	106.245118	
2010	167	900	167.375000000		06/16/2010 9:00	253.56	3.56174	0.374	17.53	0.404	13.72	39.2692	106.1597462	106.213329	2.535663	106.248218	
2010	167	1000	167.416666667		06/16/2010 10:00	253.86	3.56595	0.374	17.52	0.404	13.66	39.2598	106.1626037	106.216187	2.538663	106.251218	
2010	167	1100	167.458333333		06/16/2010 11:00	254.38	3.57325	0.374	17.53	0.404	13.61	39.2436	106.1675567	106.221140	2.543863	106.256418	
2010	167	1200	167.500000000		06/16/2010 12:00	254.78	3.57887	0.374	17.53	0.404	13.6	39.2311	106.1713667	106.224950	2.547863	106.260418	
2010	167	1300	167.541666667		06/16/2010 13:00	255.34	3.58674	0.373	17.53	0.404	13.56	39.2136	106.1767008	106.230284	2.553463	106.266019	
2010	167	1400	167.583333333		06/16/2010 14:00	255.7	3.59180	0.374	17.54	0.404	13.53	39.2023	106.1801298	106.233713	2.557063	106.269619	
2010	167	1500	167.625000000		06/16/2010 15:00	256.38	3.60135	0.374	17.54	0.404	13.5	39.1811	106.1866068	106.240190	2.563863	106.276419	
2010	167	1600	167.666666667		06/16/2010 16:00	257.02	3.61034	0.373	17.51	0.404	13.51	39.1611	106.1927029	106.246286	2.570263	106.282819	
2010	167	1700	167.708333333		06/16/2010 17:00	257.63	3.61891	0.374	17.49	0.404	13.58	39.1420	106.1985131	106.252096	2.576364	106.288919	
2010	167	1800	167.750000000		06/16/2010 18:00	258.07	3.62509	0.373	17.54	0.403	13.64	39.1283	106.2027042	106.256287	2.580764	106.293319	
2010	167	1900	167.791666667		06/16/2010 19:00	258.7	3.63394	0.374	17.52	0.404	13.51	39.1086	106.2087049	106.262288	2.587064	106.299619	
2010	167	2000	167.833333333		06/16/2010 20:00	259.08	3.63928	0.373	17.52	0.404	13.4	39.0967	106.2123245	106.265908	2.590864	106.303419	
2010	167	2100	167.875000000		06/16/2010 21:00	259.65	3.64728	0.373	17.52	0.403	13.32	39.0789	106.2177537	106.271337	2.596564	106.309120	
2010	167	2200	167.916666667		06/16/2010 22:00	260.2	3.65501	0.373	17.53	0.403	13.25	39.0617	106.2229925	106.276576	2.602064	106.314620	
2010	167	2300	167.958333333		06/16/2010 23:00	260.52	3.65950	0.373	17.52	0.403	13.19	39.0517	106.2260405	106.279624	2.605264	106.317820	
2010	167	2400	168.000000000		06/17/2010 0:00	260.94	3.66540	0.373	17.52	0.403	13.14	39.0386	106.2300411	106.283624	2.609464	106.322020	
2010	168	100	168.041666667		06/17/2010 1:00	261.18	3.66877	0.373	17.52	0.403	13.09	39.0311	106.2323271	106.285910	2.611864	106.324420	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	168	200	168.083333333		06/17/2010 2:00	261.46	3.67271	0.373	17.52	0.403	13.05	39.0223	106.2349941	106.288577	2.614664	106.327220	
2010	168	300	168.125000000		06/17/2010 3:00	261.73	3.67650	0.373	17.5	0.403	13.01	39.0139	106.2375659	106.291149	2.617365	106.329920	
2010	168	400	168.166666667		06/17/2010 4:00	261.86	3.67833	0.373	17.49	0.403	12.98	39.0098	106.2388041	106.292387	2.618665	106.331220	
2010	168	500	168.208333333		06/17/2010 5:00	262.02	3.68057	0.373	17.48	0.403	12.95	39.0048	106.2403281	106.293911	2.620265	106.332820	
2010	168	600	168.250000000		06/17/2010 6:00	262.17	3.68268	0.373	17.49	0.403	13.09	39.0001	106.2417569	106.295340	2.621765	106.334320	
2010	168	700	168.291666667		06/17/2010 7:00	262.3	3.68451	0.372	17.51	0.403	13.76	38.9961	106.2429951	106.296578	2.623065	106.335620	
2010	168	800	168.333333333		06/17/2010 8:00	262.39	3.68577	0.372	17.49	0.402	13.73	38.9933	106.2438524	106.297436	2.623965	106.336520	
2010	168	900	168.375000000		06/17/2010 9:00	262.6	3.68872	0.372	17.51	0.403	13.68	38.9867	106.2458527	106.299436	2.626065	106.338620	
2010	168	1000	168.416666667		06/17/2010 10:00	262.64	3.68928	0.372	17.51	0.402	13.62	38.9855	106.2462337	106.299817	2.626465	106.339020	
2010	168	1100	168.458333333		06/17/2010 11:00	262.91	3.69307	0.372	17.51	0.402	13.57	38.9770	106.2488054	106.302389	2.629165	106.341720	
2010	168	1200	168.500000000		06/17/2010 12:00	263.11	3.69588	0.372	17.52	0.402	13.54	38.9708	106.2507104	106.304294	2.631165	106.343720	
2010	168	1300	168.541666667		06/17/2010 13:00	263.48	3.70108	0.372	17.51	0.402	13.51	38.9592	106.2542347	106.307818	2.634865	106.347421	
2010	168	1400	168.583333333		06/17/2010 14:00	263.74	3.70473	0.372	17.51	0.402	13.48	38.9511	106.2567112	106.310294	2.637465	106.350021	
2010	168	1500	168.625000000		06/17/2010 15:00	264.05	3.70909	0.372	17.51	0.403	13.49	38.9414	106.259664	106.313247	2.640565	106.353121	
2010	168	1600	168.666666667		06/17/2010 16:00	264.21	3.71134	0.372	17.52	0.403	13.49	38.9364	106.261188	106.314771	2.642165	106.354721	
2010	168	1700	168.708333333		06/17/2010 17:00	264.48	3.71513	0.372	17.55	0.402	13.49	38.9280	106.2637598	106.317343	2.644865	106.357421	
2010	168	1800	168.750000000		06/17/2010 18:00	264.66	3.71766	0.372	17.53	0.403	13.48	38.9223	106.2654743	106.319058	2.646665	106.359221	
2010	168	1900	168.791666667		06/17/2010 19:00	264.93	3.72145	0.372	17.52	0.402	13.35	38.9139	106.268046	106.321629	2.649365	106.361921	
2010	168	2000	168.833333333		06/17/2010 20:00	265.07	3.72342	0.372	17.51	0.402	13.26	38.9095	106.2693795	106.322963	2.650765	106.363321	
2010	168	2100	168.875000000		06/17/2010 21:00	265.22	3.72552	0.372	17.52	0.402	13.18	38.9048	106.2708083	106.324392	2.652265	106.364821	
2010	168	2200	168.916666667		06/17/2010 22:00	265.4	3.72805	0.372	17.53	0.402	13.13	38.8992	106.2725228	106.326106	2.654065	106.366621	
2010	168	2300	168.958333333		06/17/2010 23:00	265.49	3.72932	0.372	17.52	0.402	13.08	38.8964	106.2733801	106.326963	2.654965	106.367521	
2010	168	2400	169.000000000		06/18/2010 0:00	265.66	3.73170	0.372	17.5	0.402	13.04	38.8911	106.2749993	106.328583	2.656666	106.369221	
2010	169	100	169.041666667		06/18/2010 1:00	265.75	3.73297	0.372	17.52	0.402	12.99	38.8883	106.2758566	106.329440	2.657566	106.370121	
2010	169	200	169.083333333		06/18/2010 2:00	265.87	3.73465	0.371	17.51	0.402	12.97	38.8845	106.2769996	106.330583	2.658766	106.371321	
2010	169	300	169.125000000		06/18/2010 3:00	265.95	3.73578	0.371	17.51	0.402	12.93	38.8820	106.2777616	106.331345	2.659566	106.372121	
2010	169	400	169.166666667		06/18/2010 4:00	266.05	3.73718	0.371	17.52	0.401	12.89	38.8789	106.2787141	106.332297	2.660566	106.373121	
2010	169	500	169.208333333		06/18/2010 5:00	266.14	3.73845	0.371	17.5	0.401	13.01	38.8761	106.2795713	106.333155	2.661466	106.374021	
2010	169	600	169.250000000		06/18/2010 6:00	266.3	3.74069	0.371	17.5	0.401	13.82	38.8711	106.2810954	106.334679	2.663066	106.375621	
2010	169	700	169.291666667		06/18/2010 7:00	266.47	3.74308	0.371	17.52	0.401	13.75	38.8658	106.2827146	106.336298	2.664766	106.377321	
2010	169	800	169.333333333		06/18/2010 8:00	266.71	3.74645	0.371	17.5	0.401	13.67	38.8583	106.2850006	106.338584	2.667166	106.379721	
2010	169	900	169.375000000		06/18/2010 9:00	266.97	3.75011	0.371	17.52	0.401	13.58	38.8501	106.2874771	106.341060	2.669766	106.382321	
2010	169	1000	169.416666667		06/18/2010 10:00	267.34	3.75530	0.371	17.51	0.401	13.53	38.8386	106.2910014	106.344585	2.673466	106.386022	
2010	169	1100	169.458333333		06/18/2010 11:00	267.7	3.76036	0.371	17.52	0.401	13.5	38.8273	106.2944304	106.348014	2.677066	106.389622	
2010	169	1200	169.500000000		06/18/2010 12:00	268.09	3.76584	0.371	17.54	0.401	13.48	38.8151	106.2981452	106.351728	2.680966	106.393522	
2010	169	1300	169.541666667		06/18/2010 13:00	268.54	3.77216	0.371	17.54	0.401	13.43	38.8011	106.3024315	106.356015	2.685466	106.398022	
2010	169	1400	169.583333333		06/18/2010 14:00	268.97	3.77820	0.371	17.54	0.401	13.36	38.7876	106.3065272	106.360111	2.689766	106.402322	
2010	169	1500	169.625000000		06/18/2010 15:00	269.47	3.78522	0.371	17.53	0.401	13.33	38.7720	106.3112898	106.364873	2.694766	106.407322	
2010	169	1600	169.666666667		06/18/2010 16:00	269.93	3.79168	0.371	17.53	0.401	13.33	38.7576	106.3156713	106.369255	2.699367	106.411922	
2010	169	1700	169.708333333		06/18/2010 17:00	270.3	3.79688	0.371	17.55	0.401	13.34	38.7461	106.3191956	106.372779	2.703067	106.415622	
2010	169	1800	169.750000000		06/18/2010 18:00	270.72	3.80278	0.371	17.54	0.401	13.37	38.7330	106.3231961	106.376779	2.707267	106.419822	
2010	169	1900	169.791666667		06/18/2010 19:00	271.09	3.80798	0.371	17.54	0.4	13.37	38.7214	106.3267204	106.380304	2.710967	106.423522	
2010	169	2000	169.833333333		06/18/2010 20:00	271.39	3.81219	0.371	17.53	0.401	13.23	38.7120	106.3295779	106.383161	2.713967	106.426523	
2010	169	2100	169.875000000		06/18/2010 21:00	271.52	3.81402	0.371	17.54	0.401	13.14	38.7080	106.3308161	106.384399	2.715267	106.427823	
2010	169	2200	169.916666667		06/18/2010 22:00	271.49	3.81360	0.371	17.54	0.4	13.08	38.7089	106.3305304	106.384114	2.714967	106.427523	
2010	169	2300	169.958333333		06/18/2010 23:00	271.61	3.81528	0.371	17.53	0.401	13.03	38.7051	106.3316734	106.385257	2.716167	106.428723	
2010	169	2400	170.000000000		06/19/2010 0:00	271.47	3.81332	0.371	17.51	0.401	12.98	38.7095	106.3303399	106.383923	2.714767	106.427323	
2010	170	100	170.041666667		06/19/2010 1:00	271.44	3.81290	0.37	17.53	0.4	12.95	38.7105	106.3300541	106.383637	2.714467	106.427023	
2010	170	200	170.083333333		06/19/2010 2:00	271.16	3.80896	0.369	17.5	0.399	12.92	38.7192	106.3273871	106.380970	2.711667	106.424222	
2010	170	300	170.125000000		06/19/2010 3:00	270.95	3.80601	0.368	17.53	0.398	12.91	38.7258	106.3253869	106.378970	2.709567	106.422122	
2010	170	400	170.166666667		06/19/2010 4:00	270.75	3.80320	0.367	17.5	0.396	12.91	38.7320	106.3234818	106.377065	2.707567	106.420122	
2010	170	500	170.208333333		06/19/2010 5:00	270.49	3.79955	0.366	17.51	0.396	13.13	38.7401	106.3210053	106.374589	2.704967	106.417522	
2010	170	600	170.250000000		06/19/2010 6:00	270.39	3.79815	0.366	17.51	0.395	13.55	38.7433	106.3200528	106.373636	2.703967	106.416522	
2010	170	700	170.291666667		06/19/2010 7:00	270.36	3.79772	0.366	17.5	0.395	13.7	38.7442	106.3197671	106.373350	2.703667	106.416222	
2010	170	800	170.333333333		06/19/2010 8:00	270.22	3.79576	0.366	17.49	0.396	13.7	38.7486	106.3184336	106.372017	2.702267	106.414822	
2010	170	900	170.375000000		06/19/2010 9:00	270.28	3.79660	0.366	17.49	0.396	13.64	38.7467	106.3190051	106.372588	2.702867	106.415422	
2010	170	1000	170.416666667		06/19/2010 10:00	270.41	3.79843	0.366	17.51	0.396	13.54	38.7426	106.3202433	106.373827	2.704167	106.416722	
2010	170	1100	170.458333333		06/19/2010 11:00	270.47	3.79927	0.366	17.51	0.396	13.49	38.7408	106.3208148	106.374398	2.704767	106.417322	
2010	170	1200	170.500000000		06/19/2010 12:00	270.59	3.80096	0.366	17.49	0.396	13.46	38.7370	106.3219578	106.375541	2.705967	106.418522	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	170	1300	170.541666667		06/19/2010 13:00	270.68	3.80222	0.366	17.51	0.395	13.43	38.7342	106.3228151	106.376398	2.706867	106.419422	
2010	170	1400	170.583333333		06/19/2010 14:00	270.71	3.80264	0.366	17.52	0.396	13.39	38.7333	106.3231008	106.376684	2.707167	106.419722	
2010	170	1500	170.625000000		06/19/2010 15:00	270.74	3.80306	0.366	17.52	0.395	13.35	38.7323	106.3233866	106.376970	2.707467	106.420022	
2010	170	1600	170.666666667		06/19/2010 16:00	270.83	3.80433	0.366	17.52	0.395	13.34	38.7295	106.3242438	106.377827	2.708367	106.420922	
2010	170	1700	170.708333333		06/19/2010 17:00	270.9	3.80531	0.366	17.53	0.395	13.34	38.7273	106.3249106	106.378494	2.709067	106.421622	
2010	170	1800	170.750000000		06/19/2010 18:00	270.93	3.80573	0.365	17.52	0.395	13.38	38.7264	106.3251963	106.378780	2.709367	106.421922	
2010	170	1900	170.791666667		06/19/2010 19:00	270.92	3.80559	0.365	17.51	0.395	13.26	38.7267	106.3251011	106.378684	2.709267	106.421822	
2010	170	2000	170.833333333		06/19/2010 20:00	270.87	3.80489	0.365	17.52	0.394	13.17	38.7283	106.3246248	106.378208	2.708767	106.421322	
2010	170	2100	170.875000000		06/19/2010 21:00	271	3.80671	0.364	17.52	0.393	13.1	38.7242	106.3258631	106.379446	2.710067	106.422622	
2010	170	2200	170.916666667		06/19/2010 22:00	271.08	3.80784	0.364	17.51	0.393	13.06	38.7217	106.3266251	106.380208	2.710867	106.423422	
2010	170	2300	170.958333333		06/19/2010 23:00	271.1	3.80812	0.364	17.51	0.393	13.01	38.7211	106.3268156	106.380399	2.711067	106.423622	
2010	170	2400	171.000000000		06/20/2010 0:00	271.23	3.80995	0.364	17.5	0.393	12.97	38.7170	106.3280539	106.381637	2.712367	106.424922	
2010	171	100	171.041666667		06/20/2010 1:00	271.39	3.81219	0.364	17.52	0.393	12.95	38.7120	106.3295779	106.383161	2.713967	106.426523	
2010	171	200	171.083333333		06/20/2010 2:00	271.58	3.81486	0.364	17.51	0.393	12.92	38.7061	106.3313876	106.384971	2.715867	106.428423	
2010	171	300	171.125000000		06/20/2010 3:00	271.78	3.81767	0.364	17.51	0.393	12.9	38.6998	106.3332926	106.386876	2.717867	106.430423	
2010	171	400	171.166666667		06/20/2010 4:00	272.01	3.82090	0.364	17.5	0.393	12.9	38.6926	106.3354834	106.389067	2.720167	106.432723	
2010	171	500	171.208333333		06/20/2010 5:00	272.25	3.82427	0.364	17.51	0.393	12.89	38.6851	106.3377694	106.391353	2.722567	106.435123	
2010	171	600	171.250000000		06/20/2010 6:00	272.56	3.82863	0.364	17.51	0.393	12.97	38.6755	106.3407222	106.394305	2.725667	106.438223	
2010	171	700	171.291666667		06/20/2010 7:00	272.76	3.83144	0.364	17.5	0.393	13.62	38.6692	106.3426272	106.396210	2.727667	106.440223	
2010	171	800	171.333333333		06/20/2010 8:00	273.04	3.83537	0.364	17.5	0.393	13.67	38.6605	106.3452942	106.398877	2.730467	106.443023	
2010	171	900	171.375000000		06/20/2010 9:00	273.31	3.83916	0.364	17.5	0.393	13.66	38.6520	106.347866	106.401449	2.733167	106.445723	
2010	171	1000	171.416666667		06/20/2010 10:00	273.4	3.84043	0.364	17.52	0.393	13.62	38.6492	106.3487232	106.402306	2.734067	106.446623	
2010	171	1100	171.458333333		06/20/2010 11:00	273.44	3.84099	0.364	17.52	0.393	13.56	38.6480	106.3491042	106.402687	2.734467	106.447023	
2010	171	1200	171.500000000		06/20/2010 12:00	273.38	3.84015	0.364	17.53	0.393	13.51	38.6498	106.3485327	106.402116	2.733867	106.446423	
2010	171	1300	171.541666667		06/20/2010 13:00	273.09	3.83607	0.364	17.53	0.393	13.51	38.6589	106.3457705	106.399354	2.730967	106.443523	
2010	171	1400	171.583333333		06/20/2010 14:00	272.68	3.83031	0.364	17.51	0.393	13.49	38.6717	106.3418652	106.395448	2.726867	106.439423	
2010	171	1500	171.625000000		06/20/2010 15:00	272.16	3.82301	0.364	17.52	0.393	13.45	38.6880	106.3369122	106.390495	2.721667	106.434223	
2010	171	1600	171.666666667		06/20/2010 16:00	271.54	3.81430	0.364	17.5	0.393	13.49	38.7073	106.3310066	106.384590	2.715467	106.428023	
2010	171	1700	171.708333333		06/20/2010 17:00	270.93	3.80573	0.364	17.52	0.393	13.51	38.7264	106.3251963	106.378780	2.709367	106.421922	
2010	171	1800	171.750000000		06/20/2010 18:00	270.42	3.79857	0.364	17.52	0.393	13.54	38.7423	106.3203386	106.373922	2.704267	106.416822	
2010	171	1900	171.791666667		06/20/2010 19:00	269.94	3.79182	0.364	17.52	0.393	13.43	38.7573	106.3157665	106.369350	2.699467	106.412022	
2010	171	2000	171.833333333		06/20/2010 20:00	269.51	3.78578	0.364	17.52	0.393	13.32	38.7708	106.3116708	106.365254	2.695166	106.407722	
2010	171	2100	171.875000000		06/20/2010 21:00	269.05	3.77932	0.364	17.51	0.393	13.24	38.7851	106.3072892	106.360873	2.690566	106.403122	
2010	171	2200	171.916666667		06/20/2010 22:00	268.85	3.77651	0.364	17.51	0.393	13.18	38.7914	106.3053842	106.358967	2.688566	106.401122	
2010	171	2300	171.958333333		06/20/2010 23:00	268.69	3.77427	0.364	17.51	0.393	13.13	38.7964	106.3038602	106.357443	2.686966	106.399522	
2010	171	2400	172.000000000		06/21/2010 0:00	268.58	3.77272	0.364	17.52	0.394	13.07	38.7998	106.3028125	106.356396	2.685866	106.398422	
2010	172	100	172.041666667		06/21/2010 1:00	268.54	3.77216	0.364	17.52	0.393	13.03	38.8011	106.3024315	106.356015	2.685466	106.398022	
2010	172	200	172.083333333		06/21/2010 2:00	268.62	3.77328	0.364	17.51	0.394	12.99	38.7986	106.3031935	106.356777	2.686266	106.398822	
2010	172	300	172.125000000		06/21/2010 3:00	268.73	3.77483	0.364	17.52	0.393	12.96	38.7951	106.3042412	106.357824	2.687366	106.399922	
2010	172	400	172.166666667		06/21/2010 4:00	268.86	3.77665	0.364	17.52	0.394	12.93	38.7911	106.3054795	106.359063	2.688666	106.401222	
2010	172	500	172.208333333		06/21/2010 5:00	269.03	3.77904	0.364	17.53	0.393	12.92	38.7858	106.3070987	106.360682	2.690366	106.402922	
2010	172	600	172.250000000		06/21/2010 6:00	269.37	3.78382	0.364	17.52	0.393	13.28	38.7751	106.3103373	106.363921	2.693766	106.406322	
2010	172	700	172.291666667		06/21/2010 7:00	269.74	3.78902	0.364	17.53	0.393	13.72	38.7636	106.3138615	106.367445	2.697467	106.410022	
2010	172	800	172.333333333		06/21/2010 8:00	270	3.79267	0.364	17.51	0.394	13.7	38.7555	106.3163381	106.369921	2.700067	106.412622	
2010	172	900	172.375000000		06/21/2010 9:00	270.53	3.80011	0.364	17.52	0.393	13.65	38.7389	106.3213863	106.374970	2.705367	106.417922	
2010	172	1000	172.416666667		06/21/2010 10:00	270.85	3.80461	0.364	17.53	0.393	13.62	38.7289	106.3244343	106.378018	2.708567	106.421122	
2010	172	1100	172.458333333		06/21/2010 11:00	271.32	3.81121	0.364	17.54	0.393	13.56	38.7142	106.3289111	106.382494	2.713267	106.425822	
2010	172	1200	172.500000000		06/21/2010 12:00	271.76	3.81739	0.364	17.53	0.393	13.52	38.7005	106.3331021	106.386685	2.717667	106.430223	
2010	172	1300	172.541666667		06/21/2010 13:00	272.16	3.82301	0.364	17.53	0.393	13.49	38.6880	106.3369122	106.390495	2.721667	106.434223	
2010	172	1400	172.583333333		06/21/2010 14:00	272.51	3.82793	0.364	17.52	0.393	13.48	38.6770	106.3402459	106.393829	2.725167	106.437723	
2010	172	1500	172.625000000		06/21/2010 15:00	272.85	3.83270	0.364	17.52	0.393	13.45	38.6664	106.3434845	106.397068	2.728567	106.441123	
2010	172	1600	172.666666667		06/21/2010 16:00	273.17	3.83720	0.364	17.52	0.394	13.5	38.6564	106.3465325	106.400116	2.731767	106.444323	
2010	172	1700	172.708333333		06/21/2010 17:00	273.41	3.84057	0.364	17.52	0.394	13.49	38.6489	106.3488185	106.402402	2.734167	106.446723	
2010	172	1800	172.750000000		06/21/2010 18:00	273.59	3.84310	0.364	17.53	0.393	13.47	38.6433	106.350533	106.404116	2.735967	106.448523	
2010	172	1900	172.791666667		06/21/2010 19:00	273.67	3.84422	0.364	17.53	0.394	13.35	38.6408	106.351295	106.404878	2.736767	106.449323	
2010	172	2000	172.833333333		06/21/2010 20:00	273.68	3.84436	0.364	17.52	0.394	13.24	38.6405	106.3513902	106.404974	2.736867	106.449423	
2010	172	2100	172.875000000		06/21/2010 21:00	273.63	3.84366	0.364	17.53	0.393	13.18	38.6420	106.350914	106.404497	2.736367	106.448923	
2010	172	2200	172.916666667		06/21/2010 22:00	273.48	3.84155	0.364	17.52	0.394	13.12	38.6467	106.3494852	106.403068	2.734867	106.447423	
2010	172	2300	172.958333333		06/21/2010 23:00	273.32	3.83930	0.364	17.52	0.394	13.07	38.6517	106.3479612	106.401544	2.733267	106.445823	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	172	2400	173.000000000		06/22/2010 0:00	273.17	3.83720	0.364	17.52	0.394	13.03	38.6564	106.3465325	106.400116	2.731767	106.444323	
2010	173	100	173.041666667		06/22/2010 1:00	272.99	3.83467	0.364	17.52	0.394	12.99	38.6620	106.344818	106.398401	2.729967	106.442523	
2010	173	200	173.083333333		06/22/2010 2:00	272.85	3.83270	0.364	17.53	0.393	12.95	38.6664	106.3434845	106.397068	2.728567	106.441123	
2010	173	300	173.125000000		06/22/2010 3:00	272.79	3.83186	0.364	17.53	0.393	12.92	38.6683	106.3429129	106.396496	2.727967	106.440523	
2010	173	400	173.166666667		06/22/2010 4:00	272.8	3.83200	0.364	17.54	0.393	12.89	38.6680	106.3430082	106.396591	2.728067	106.440623	
2010	173	500	173.208333333		06/22/2010 5:00	272.83	3.83242	0.364	17.51	0.394	12.92	38.6670	106.343294	106.396877	2.728367	106.440923	
2010	173	600	173.250000000		06/22/2010 6:00	272.97	3.83439	0.364	17.52	0.394	13.75	38.6626	106.3446275	106.398211	2.729767	106.442323	
2010	173	700	173.291666667		06/22/2010 7:00	273.17	3.83720	0.364	17.51	0.394	13.68	38.6564	106.3465325	106.400116	2.731767	106.444323	
2010	173	800	173.333333333		06/22/2010 8:00	273.55	3.84253	0.364	17.52	0.394	13.61	38.6445	106.350152	106.403735	2.735567	106.448123	
2010	173	900	173.375000000		06/22/2010 9:00	274	3.84886	0.364	17.53	0.393	13.53	38.6305	106.3544383	106.408022	2.740068	106.452623	
2010	173	1000	173.416666667		06/22/2010 10:00	274.49	3.85574	0.364	17.52	0.394	13.46	38.6151	106.3591055	106.412689	2.744968	106.457523	
2010	173	1100	173.458333333		06/22/2010 11:00	275.14	3.86487	0.364	17.51	0.394	13.43	38.5948	106.3652968	106.418880	2.751468	106.464023	
2010	173	1200	173.500000000		06/22/2010 12:00	275.75	3.87344	0.364	17.54	0.394	13.44	38.5758	106.3711071	106.424690	2.757568	106.470124	
2010	173	1300	173.541666667		06/22/2010 13:00	276.41	3.88271	0.364	17.53	0.394	13.39	38.5551	106.3773936	106.430977	2.764168	106.476724	
2010	173	1400	173.583333333		06/22/2010 14:00	277.16	3.89324	0.364	17.52	0.394	13.33	38.5317	106.3845374	106.438121	2.771668	106.484224	
2010	173	1500	173.625000000		06/22/2010 15:00	277.79	3.90209	0.364	17.54	0.394	13.3	38.5120	106.3905382	106.444121	2.777969	106.490524	
2010	173	1600	173.666666667		06/22/2010 16:00	278.52	3.91235	0.364	17.54	0.394	13.29	38.4892	106.3974915	106.451075	2.785269	106.497824	
2010	173	1700	173.708333333		06/22/2010 17:00	279.15	3.92120	0.364	17.54	0.394	13.29	38.4695	106.4034923	106.457076	2.791569	106.504124	
2010	173	1800	173.750000000		06/22/2010 18:00	279.75	3.92962	0.364	17.53	0.394	13.33	38.4508	106.4092073	106.462791	2.797569	106.510125	
2010	173	1900	173.791666667		06/22/2010 19:00	280.37	3.93833	0.364	17.53	0.394	13.29	38.4314	106.4151129	106.468696	2.803769	106.516325	
2010	173	2000	173.833333333		06/22/2010 20:00	280.88	3.94550	0.364	17.5	0.394	13.18	38.4155	106.4199706	106.473554	2.808869	106.521425	
2010	173	2100	173.875000000		06/22/2010 21:00	281.4	3.95280	0.364	17.51	0.394	13.1	38.3992	106.4249237	106.478507	2.814069	106.526625	
2010	173	2200	173.916666667		06/22/2010 22:00	281.93	3.96025	0.364	17.5	0.394	13.05	38.3826	106.4299719	106.483555	2.819370	106.531925	
2010	173	2300	173.958333333		06/22/2010 23:00	282.55	3.96896	0.364	17.52	0.394	13	38.3633	106.4358775	106.489461	2.825570	106.538125	
2010	173	2400	174.000000000		06/23/2010 0:00	283.09	3.97654	0.364	17.5	0.394	12.97	38.3464	106.441021	106.494604	2.830970	106.543525	
2010	174	100	174.041666667		06/23/2010 1:00	283.67	3.98469	0.364	17.51	0.394	12.93	38.3283	106.4465455	106.500129	2.836770	106.549326	
2010	174	200	174.083333333		06/23/2010 2:00	284.25	3.99284	0.364	17.5	0.394	12.91	38.3101	106.4520701	106.505653	2.842570	106.555126	
2010	174	300	174.125000000		06/23/2010 3:00	284.75	3.99986	0.364	17.49	0.394	12.9	38.2945	106.4568326	106.510416	2.847570	106.560126	
2010	174	400	174.166666667		06/23/2010 4:00	285.47	4.00997	0.364	17.5	0.394	12.9	38.2720	106.4636906	106.517274	2.854770	106.567326	
2010	174	500	174.208333333		06/23/2010 5:00	286.04	4.01798	0.364	17.49	0.394	12.96	38.2542	106.4691199	106.522703	2.860471	106.573026	
2010	174	600	174.250000000		06/23/2010 6:00	286.62	4.02613	0.364	17.49	0.394	13.63	38.2361	106.4746444	106.528228	2.866271	106.578826	
2010	174	700	174.291666667		06/23/2010 7:00	287.02	4.03175	0.364	17.5	0.394	13.61	38.2236	106.4784545	106.532038	2.870271	106.582826	
2010	174	800	174.333333333		06/23/2010 8:00	287.54	4.03905	0.364	17.52	0.394	13.54	38.2073	106.4834075	106.536991	2.875471	106.588026	
2010	174	900	174.375000000		06/23/2010 9:00	288.01	4.04565	0.364	17.49	0.394	13.45	38.1926	106.4878843	106.541468	2.880171	106.592727	
2010	174	1000	174.416666667		06/23/2010 10:00	288.38	4.05085	0.364	17.49	0.394	13.41	38.1811	106.4914085	106.544992	2.883871	106.596427	
2010	174	1100	174.458333333		06/23/2010 11:00	288.73	4.05577	0.364	17.48	0.394	13.37	38.1701	106.4947423	106.548326	2.887371	106.599927	
2010	174	1200	174.500000000		06/23/2010 12:00	288.97	4.05914	0.364	17.5	0.394	13.36	38.1626	106.4970283	106.550612	2.889771	106.602327	
2010	174	1300	174.541666667		06/23/2010 13:00	289.11	4.06110	0.365	17.51	0.394	13.31	38.1583	106.4983618	106.551945	2.891171	106.603727	
2010	174	1400	174.583333333		06/23/2010 14:00	289.19	4.06223	0.364	17.51	0.394	13.28	38.1558	106.4991238	106.552707	2.891971	106.604527	
2010	174	1500	174.625000000		06/23/2010 15:00	289.2	4.06237	0.365	17.47	0.394	13.26	38.1554	106.4992191	106.552802	2.892071	106.604627	
2010	174	1600	174.666666667		06/23/2010 16:00	289.13	4.06139	0.365	17.52	0.394	13.24	38.1576	106.4985523	106.552136	2.891371	106.603927	
2010	174	1700	174.708333333		06/23/2010 17:00	289.04	4.06012	0.365	17.5	0.394	13.26	38.1604	106.4976951	106.551278	2.890471	106.603027	
2010	174	1800	174.750000000		06/23/2010 18:00	288.96	4.05900	0.365	17.51	0.394	13.29	38.1629	106.4969331	106.550516	2.889671	106.602227	
2010	174	1900	174.791666667		06/23/2010 19:00	288.94	4.05872	0.365	17.49	0.394	13.22	38.1636	106.4967426	106.550326	2.889471	106.602027	
2010	174	2000	174.833333333		06/23/2010 20:00	288.97	4.05914	0.365	17.5	0.394	13.11	38.1626	106.4970283	106.550612	2.889771	106.602327	
2010	174	2100	174.875000000		06/23/2010 21:00	289	4.05956	0.365	17.51	0.394	13.04	38.1617	106.4973141	106.550897	2.890071	106.602627	
2010	174	2200	174.916666667		06/23/2010 22:00	289.19	4.06223	0.365	17.48	0.394	12.99	38.1558	106.4991238	106.552707	2.891971	106.604527	
2010	174	2300	174.958333333		06/23/2010 23:00	289.43	4.06560	0.365	17.48	0.395	12.95	38.1483	106.5014098	106.554993	2.894371	106.606927	
2010	174	2400	175.000000000		06/24/2010 0:00	289.72	4.06967	0.365	17.48	0.395	12.93	38.1392	106.5041721	106.557755	2.897271	106.609827	
2010	175	100	175.041666667		06/24/2010 1:00	289.91	4.07234	0.365	17.47	0.395	12.91	38.1333	106.5059819	106.559565	2.899172	106.611727	
2010	175	200	175.083333333		06/24/2010 2:00	290.16	4.07585	0.365	17.49	0.395	12.91	38.1254	106.5083631	106.561946	2.901672	106.614227	
2010	175	300	175.125000000		06/24/2010 3:00	290.5	4.08063	0.365	17.5	0.395	12.91	38.1148	106.5116016	106.565185	2.905072	106.617627	
2010	175	400	175.166666667		06/24/2010 4:00	290.77	4.08442	0.365	17.49	0.395	12.91	38.1064	106.5141734	106.567757	2.907772	106.620327	
2010	175	500	175.208333333		06/24/2010 5:00	291.14	4.08962	0.365	17.49	0.395	12.91	38.0948	106.5176977	106.571281	2.911472	106.624027	
2010	175	600	175.250000000		06/24/2010 6:00	291.5	4.09468	0.365	17.49	0.395	13.58	38.0836	106.5211267	106.574710	2.915072	106.627627	
2010	175	700	175.291666667		06/24/2010 7:00	292.02	4.10198	0.365	17.48	0.395	13.53	38.0673	106.5260797	106.579663	2.920272	106.632828	
2010	175	800	175.333333333		06/24/2010 8:00	292.38	4.10704	0.365	17.49	0.395	13.46	38.0561	106.5295087	106.583092	2.923872	106.636428	
2010	175	900	175.375000000		06/24/2010 9:00	292.95	4.11504	0.365	17.51	0.395	13.39	38.0383	106.534938	106.588521	2.929572	106.642128	
2010	175	1000	175.416666667		06/24/2010 10:00	293.42	4.12165	0.365	17.51	0.395	13.33	38.0236	106.5394148	106.592998	2.934272	106.646828	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	175	1100	175.458333333		06/24/2010 11:00	293.97	4.12937	0.365	17.52	0.395	13.31	38.0064	106.5446536	106.598237	2.939773	106.652328	
2010	175	1200	175.500000000		06/24/2010 12:00	294.54	4.13738	0.365	17.52	0.395	13.3	37.9886	106.5500829	106.603666	2.945473	106.658028	
2010	175	1300	175.541666667		06/24/2010 13:00	295.05	4.14454	0.365	17.5	0.395	13.27	37.9726	106.5549406	106.608524	2.950573	106.663128	
2010	175	1400	175.583333333		06/24/2010 14:00	295.47	4.15044	0.365	17.52	0.395	13.22	37.9595	106.5589412	106.612524	2.954773	106.667328	
2010	175	1500	175.625000000		06/24/2010 15:00	295.86	4.15592	0.366	17.51	0.395	13.22	37.9473	106.5626559	106.616239	2.958673	106.671229	
2010	175	1600	175.666666667		06/24/2010 16:00	296.34	4.16266	0.365	17.5	0.395	13.22	37.9323	106.567228	106.620811	2.963473	106.676029	
2010	175	1700	175.708333333		06/24/2010 17:00	296.63	4.16674	0.366	17.52	0.395	13.23	37.9233	106.5699902	106.623573	2.966373	106.678929	
2010	175	1800	175.750000000		06/24/2010 18:00	296.91	4.17067	0.366	17.51	0.395	13.23	37.9145	106.5726572	106.626240	2.969173	106.681729	
2010	175	1900	175.791666667		06/24/2010 19:00	297.14	4.17390	0.366	17.51	0.396	13.09	37.9073	106.574848	106.628431	2.971473	106.684029	
2010	175	2000	175.833333333		06/24/2010 20:00	297.26	4.17559	0.366	17.5	0.396	13.02	37.9036	106.575991	106.629574	2.972673	106.685229	
2010	175	2100	175.875000000		06/24/2010 21:00	297.5	4.17896	0.367	17.49	0.397	12.98	37.8961	106.578277	106.631860	2.975073	106.687629	
2010	175	2200	175.916666667		06/24/2010 22:00	297.72	4.18205	0.368	17.48	0.397	12.97	37.8892	106.5803725	106.633956	2.977273	106.689829	
2010	175	2300	175.958333333		06/24/2010 23:00	297.85	4.18387	0.368	17.49	0.398	12.94	37.8851	106.5816108	106.635194	2.978573	106.691129	
2010	175	2400	176.000000000		06/25/2010 0:00	298.04	4.18654	0.37	17.48	0.4	12.93	37.8792	106.5834206	106.637004	2.980474	106.693029	
2010	176	100	176.041666667		06/25/2010 1:00	298.19	4.18865	0.372	17.46	0.402	12.92	37.8745	106.5848493	106.638433	2.981974	106.694529	
2010	176	200	176.083333333		06/25/2010 2:00	298.38	4.19132	0.373	17.5	0.403	12.92	37.8686	106.5866591	106.640242	2.983874	106.696429	
2010	176	300	176.125000000		06/25/2010 3:00	298.56	4.19385	0.372	17.5	0.402	12.91	37.8629	106.5883736	106.641957	2.985674	106.698229	
2010	176	400	176.166666667		06/25/2010 4:00	298.69	4.19567	0.373	17.49	0.403	12.91	37.8589	106.5896118	106.643195	2.986974	106.699529	
2010	176	500	176.208333333		06/25/2010 5:00	298.87	4.19820	0.373	17.49	0.404	12.91	37.8533	106.5913263	106.644910	2.988774	106.701329	
2010	176	600	176.250000000		06/25/2010 6:00	299.03	4.20045	0.374	17.49	0.404	13.61	37.8483	106.5928504	106.646434	2.990374	106.702929	
2010	176	700	176.291666667		06/25/2010 7:00	299.24	4.20340	0.374	17.5	0.404	13.59	37.8417	106.5948506	106.648434	2.992474	106.705029	
2010	176	800	176.333333333		06/25/2010 8:00	299.41	4.20579	0.374	17.49	0.404	13.56	37.8364	106.5964699	106.650053	2.994174	106.706729	
2010	176	900	176.375000000		06/25/2010 9:00	299.57	4.20803	0.374	17.51	0.404	13.49	37.8314	106.5979939	106.651577	2.995774	106.708329	
2010	176	1000	176.416666667		06/25/2010 10:00	299.73	4.21028	0.374	17.52	0.404	13.43	37.8264	106.5995179	106.653101	2.997374	106.709929	
2010	176	1100	176.458333333		06/25/2010 11:00	299.84	4.21183	0.374	17.49	0.404	13.37	37.8229	106.6005656	106.654149	2.998474	106.711030	
2010	176	1200	176.500000000		06/25/2010 12:00	299.9	4.21267	0.374	17.51	0.404	13.38	37.8211	106.6011372	106.654720	2.999074	106.711630	
2010	176	1300	176.541666667		06/25/2010 13:00	300.13	4.21590	0.374	17.51	0.404	13.34	37.8139	106.6033279	106.656911	3.001374	106.713930	
2010	176	1400	176.583333333		06/25/2010 14:00	300.2	4.21688	0.374	17.5	0.404	13.28	37.8117	106.6039947	106.657578	3.002074	106.714630	
2010	176	1500	176.625000000		06/25/2010 15:00	300.21	4.21702	0.374	17.53	0.404	13.25	37.8114	106.6040899	106.657673	3.002174	106.714730	
2010	176	1600	176.666666667		06/25/2010 16:00	300.18	4.21660	0.374	17.5	0.404	13.25	37.8123	106.6038042	106.657387	3.001874	106.714430	
2010	176	1700	176.708333333		06/25/2010 17:00	300.09	4.21534	0.374	17.52	0.404	13.25	37.8151	106.6029469	106.656530	3.000974	106.713530	
2010	176	1800	176.750000000		06/25/2010 18:00	299.99	4.21393	0.374	17.51	0.404	13.16	37.8183	106.6019944	106.655578	2.999974	106.712530	
2010	176	1900	176.791666667		06/25/2010 19:00	299.81	4.21141	0.374	17.51	0.404	13.07	37.8239	106.6002799	106.653863	2.998174	106.710730	
2010	176	2000	176.833333333		06/25/2010 20:00	299.67	4.20944	0.374	17.5	0.404	13.02	37.8283	106.5989464	106.652530	2.996774	106.709329	
2010	176	2100	176.875000000		06/25/2010 21:00	299.46	4.20649	0.374	17.52	0.404	13	37.8348	106.5969461	106.650529	2.994674	106.707229	
2010	176	2200	176.916666667		06/25/2010 22:00	299.38	4.20537	0.374	17.47	0.404	12.98	37.8373	106.5961841	106.649767	2.993874	106.706429	
2010	176	2300	176.958333333		06/25/2010 23:00	299.28	4.20396	0.374	17.49	0.404	12.95	37.8404	106.5952316	106.648815	2.992874	106.705429	
2010	176	2400	177.000000000		06/26/2010 0:00	299.22	4.20312	0.374	17.49	0.404	12.94	37.8423	106.5946601	106.648243	2.992274	106.704829	
2010	177	100	177.041666667		06/26/2010 1:00	299.3	4.20424	0.374	17.49	0.404	12.93	37.8398	106.5954221	106.649005	2.993074	106.705629	
2010	177	200	177.083333333		06/26/2010 2:00	299.46	4.20649	0.374	17.5	0.404	12.92	37.8348	106.5969461	106.650529	2.994674	106.707229	
2010	177	300	177.125000000		06/26/2010 3:00	299.66	4.20930	0.374	17.51	0.404	12.91	37.8286	106.5988511	106.652434	2.996674	106.709229	
2010	177	400	177.166666667		06/26/2010 4:00	299.87	4.21225	0.373	17.51	0.403	12.9	37.8220	106.6008514	106.654435	2.998774	106.711330	
2010	177	500	177.208333333		06/26/2010 5:00	300.18	4.21660	0.373	17.5	0.404	12.91	37.8123	106.6038042	106.657387	3.001874	106.714430	
2010	177	600	177.250000000		06/26/2010 6:00	300.41	4.21983	0.374	17.5	0.404	13.66	37.8051	106.6059949	106.659578	3.004174	106.716730	
2010	177	700	177.291666667		06/26/2010 7:00	300.75	4.22461	0.373	17.5	0.404	13.59	37.7945	106.6092334	106.662817	3.007574	106.720130	
2010	177	800	177.333333333		06/26/2010 8:00	301.04	4.22868	0.373	17.52	0.403	13.52	37.7854	106.6119957	106.665579	3.010474	106.723030	
2010	177	900	177.375000000		06/26/2010 9:00	301.32	4.23262	0.373	17.51	0.403	13.45	37.7767	106.6146627	106.668246	3.013274	106.725830	
2010	177	1000	177.416666667		06/26/2010 10:00	301.58	4.23627	0.373	17.48	0.404	13.39	37.7686	106.6171392	106.670722	3.015874	106.728430	
2010	177	1100	177.458333333		06/26/2010 11:00	301.83	4.23978	0.373	17.52	0.403	13.36	37.7608	106.6195205	106.673104	3.018374	106.730930	
2010	177	1200	177.500000000		06/26/2010 12:00	302.13	4.24399	0.373	17.5	0.403	13.35	37.7514	106.622378	106.675961	3.021375	106.733930	
2010	177	1300	177.541666667		06/26/2010 13:00	302.38	4.24751	0.373	17.52	0.403	13.32	37.7436	106.6247593	106.678343	3.023875	106.736430	
2010	177	1400	177.583333333		06/26/2010 14:00	302.64	4.25116	0.373	17.5	0.403	13.26	37.7354	106.6272358	106.680819	3.026475	106.739030	
2010	177	1500	177.625000000		06/26/2010 15:00	302.89	4.25467	0.373	17.54	0.403	13.23	37.7276	106.6296171	106.683200	3.028975	106.741530	
2010	177	1600	177.666666667		06/26/2010 16:00	303.16	4.25846	0.373	17.52	0.403	13.23	37.7192	106.6321888	106.685772	3.031675	106.744230	
2010	177	1700	177.708333333		06/26/2010 17:00	303.39	4.26169	0.372	17.51	0.402	13.23	37.7120	106.6343796	106.687963	3.033975	106.746530	
2010	177	1800	177.750000000		06/26/2010 18:00	303.68	4.26577	0.372	17.51	0.403	13.15	37.7029	106.6371419	106.690725	3.036875	106.749430	
2010	177	1900	177.791666667		06/26/2010 19:00	303.68	4.26577	0.372	17.51	0.403	13.06	37.7029	106.6371419	106.690725	3.036875	106.749430	
2010	177	2000	177.833333333		06/26/2010 20:00	303.68	4.26577	0.372	17.48	0.403	13.02	37.7029	106.6371419	106.690725	3.036875	106.749430	
2010	177	2100	177.875000000		06/26/2010 21:00	303.63	4.26507	0.372	17.5	0.403	12.98	37.7045	106.6366656	106.690249	3.036375	106.748930	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	177	2200	177.916666667		06/26/2010 22:00	303.55	4.26394	0.372	17.48	0.402	12.97	37.7070	106.6359036	106.689487	3.035575	106.748130	
2010	177	2300	177.958333333		06/26/2010 23:00	303.37	4.26141	0.372	17.5	0.402	12.95	37.7126	106.6341891	106.687772	3.033775	106.746330	
2010	177	2400	178.000000000		06/27/2010 0:00	303.19	4.25888	0.372	17.49	0.402	12.94	37.7183	106.6324746	106.686058	3.031975	106.744530	
2010	178	100	178.041666667		06/27/2010 1:00	302.94	4.25537	0.372	17.5	0.402	12.93	37.7261	106.6300933	106.683677	3.029475	106.742030	
2010	178	200	178.083333333		06/27/2010 2:00	302.55	4.24989	0.372	17.49	0.402	12.92	37.7383	106.6263785	106.679962	3.025575	106.738130	
2010	178	300	178.125000000		06/27/2010 3:00	302.22	4.24526	0.372	17.49	0.402	12.91	37.7486	106.6232353	106.676819	3.022275	106.734830	
2010	178	400	178.166666667		06/27/2010 4:00	301.79	4.23922	0.372	17.5	0.402	12.91	37.7620	106.6191395	106.672723	3.017974	106.730530	
2010	178	500	178.208333333		06/27/2010 5:00	301.32	4.23262	0.372	17.51	0.402	12.91	37.7767	106.6146627	106.668246	3.013274	106.725830	
2010	178	600	178.250000000		06/27/2010 6:00	300.89	4.22658	0.372	17.49	0.402	13.62	37.7901	106.610567	106.664150	3.008974	106.721530	
2010	178	700	178.291666667		06/27/2010 7:00	300.49	4.22096	0.371	17.49	0.401	13.58	37.8026	106.6067569	106.660340	3.004974	106.717530	
2010	178	800	178.333333333		06/27/2010 8:00	300.13	4.21590	0.371	17.49	0.401	13.51	37.8139	106.6033279	106.656911	3.001374	106.713930	
2010	178	900	178.375000000		06/27/2010 9:00	299.83	4.21169	0.371	17.51	0.401	13.44	37.8233	106.6004704	106.654054	2.998374	106.710930	
2010	178	1000	178.416666667		06/27/2010 10:00	299.56	4.20789	0.371	17.5	0.402	13.39	37.8317	106.5978986	106.651482	2.995674	106.708229	
2010	178	1100	178.458333333		06/27/2010 11:00	299.43	4.20607	0.371	17.51	0.401	13.35	37.8358	106.5966604	106.650244	2.994374	106.706929	
2010	178	1200	178.500000000		06/27/2010 12:00	299.45	4.20635	0.371	17.5	0.401	13.35	37.8351	106.5968509	106.650434	2.994574	106.707129	
2010	178	1300	178.541666667		06/27/2010 13:00	299.51	4.20719	0.371	17.5	0.401	13.31	37.8333	106.5974224	106.651006	2.995174	106.707729	
2010	178	1400	178.583333333		06/27/2010 14:00	299.65	4.20916	0.371	17.52	0.401	13.25	37.8289	106.5987559	106.652339	2.996574	106.709129	
2010	178	1500	178.625000000		06/27/2010 15:00	299.84	4.21183	0.371	17.53	0.401	13.21	37.8229	106.6005656	106.654149	2.998474	106.711030	
2010	178	1600	178.666666667		06/27/2010 16:00	300.01	4.21422	0.371	17.51	0.401	13.21	37.8176	106.6021849	106.655768	3.000174	106.712730	
2010	178	1700	178.708333333		06/27/2010 17:00	300.15	4.21618	0.371	17.52	0.401	13.21	37.8133	106.6035184	106.657102	3.001574	106.714130	
2010	178	1800	178.750000000		06/27/2010 18:00	300.36	4.21913	0.371	17.5	0.401	13.13	37.8067	106.6055187	106.659102	3.003674	106.716230	
2010	178	1900	178.791666667		06/27/2010 19:00	300.51	4.22124	0.37	17.52	0.4	13.04	37.8020	106.6069474	106.660531	3.005174	106.717730	
2010	178	2000	178.833333333		06/27/2010 20:00	300.55	4.22180	0.37	17.51	0.4	13.01	37.8008	106.6073284	106.660912	3.005574	106.718130	
2010	178	2100	178.875000000		06/27/2010 21:00	300.63	4.22292	0.37	17.51	0.4	12.98	37.7983	106.6080904	106.661674	3.006374	106.718930	
2010	178	2200	178.916666667		06/27/2010 22:00	300.65	4.22321	0.37	17.5	0.4	12.97	37.7976	106.6082809	106.661864	3.006574	106.719130	
2010	178	2300	178.958333333		06/27/2010 23:00	300.56	4.22194	0.37	17.48	0.4	12.95	37.8004	106.6074237	106.661007	3.005674	106.718230	
2010	178	2400	179.000000000		06/28/2010 0:00	300.51	4.22124	0.37	17.51	0.4	12.94	37.8020	106.6069474	106.660531	3.005174	106.717730	
2010	179	100	179.041666667		06/28/2010 1:00	300.36	4.21913	0.37	17.5	0.4	12.93	37.8067	106.6055187	106.659102	3.003674	106.716230	
2010	179	200	179.083333333		06/28/2010 2:00	300.17	4.21646	0.37	17.49	0.4	12.93	37.8126	106.6037089	106.657292	3.001774	106.714330	
2010	179	300	179.125000000		06/28/2010 3:00	299.97	4.21365	0.37	17.5	0.4	12.92	37.8189	106.6018039	106.655387	2.999774	106.712330	
2010	179	400	179.166666667		06/28/2010 4:00	299.75	4.21056	0.37	17.5	0.4	12.92	37.8258	106.5997084	106.653292	2.997574	106.710129	
2010	179	500	179.208333333		06/28/2010 5:00	299.51	4.20719	0.37	17.5	0.4	12.91	37.8333	106.5974224	106.651006	2.995174	106.707729	
2010	179	600	179.250000000		06/28/2010 6:00	299.3	4.20424	0.369	17.5	0.399	13.57	37.8398	106.5954221	106.649005	2.993074	106.705629	
2010	179	700	179.291666667		06/28/2010 7:00	299.16	4.20228	0.369	17.5	0.399	13.53	37.8442	106.5940886	106.647672	2.991674	106.704229	
2010	179	800	179.333333333		06/28/2010 8:00	299.07	4.20101	0.37	17.52	0.399	13.45	37.8470	106.5932314	106.646815	2.990774	106.703329	
2010	179	900	179.375000000		06/28/2010 9:00	299.03	4.20045	0.37	17.5	0.4	13.38	37.8483	106.5928504	106.646434	2.990374	106.702929	
2010	179	1000	179.416666667		06/28/2010 10:00	298.91	4.19876	0.369	17.51	0.399	13.33	37.8520	106.5917073	106.645291	2.989174	106.701729	
2010	179	1100	179.458333333		06/28/2010 11:00	298.85	4.19792	0.369	17.51	0.399	13.31	37.8539	106.5911358	106.644719	2.988574	106.701129	
2010	179	1200	179.500000000		06/28/2010 12:00	298.74	4.19638	0.369	17.48	0.399	13.31	37.8573	106.5900881	106.643671	2.987474	106.700029	
2010	179	1300	179.541666667		06/28/2010 13:00	298.67	4.19539	0.369	17.52	0.399	13.26	37.8595	106.5894213	106.643005	2.986774	106.699329	
2010	179	1400	179.583333333		06/28/2010 14:00	298.51	4.19315	0.369	17.52	0.399	13.21	37.8645	106.5878973	106.641481	2.985174	106.697729	
2010	179	1500	179.625000000		06/28/2010 15:00	298.45	4.19230	0.369	17.51	0.399	13.18	37.8664	106.5873258	106.640909	2.984574	106.697129	
2010	179	1600	179.666666667		06/28/2010 16:00	298.23	4.18921	0.369	17.5	0.399	13.17	37.8733	106.5852303	106.638814	2.982374	106.694929	
2010	179	1700	179.708333333		06/28/2010 17:00	298.19	4.18865	0.369	17.5	0.399	13.17	37.8745	106.5848493	106.638433	2.981974	106.694529	
2010	179	1800	179.750000000		06/28/2010 18:00	298.1	4.18739	0.369	17.51	0.399	13.09	37.8773	106.5839921	106.637575	2.981074	106.693629	
2010	179	1900	179.791666667		06/28/2010 19:00	298.04	4.18654	0.369	17.51	0.399	13.03	37.8792	106.5834206	106.637004	2.980474	106.693029	
2010	179	2000	179.833333333		06/28/2010 20:00	297.89	4.18444	0.369	17.52	0.398	13	37.8839	106.5819918	106.635575	2.978973	106.691529	
2010	179	2100	179.875000000		06/28/2010 21:00	298.14	4.18795	0.369	17.51	0.399	12.98	37.8761	106.5843731	106.637956	2.981474	106.694029	
2010	179	2200	179.916666667		06/28/2010 22:00	298.09	4.18725	0.369	17.51	0.399	12.96	37.8776	106.5838968	106.637480	2.980974	106.693529	
2010	179	2300	179.958333333		06/28/2010 23:00	298.18	4.18851	0.369	17.51	0.398	12.95	37.8748	106.5847541	106.638337	2.981874	106.694429	
2010	179	2400	180.000000000		06/29/2010 0:00	298.36	4.19104	0.369	17.51	0.398	12.94	37.8692	106.5864686	106.640052	2.983674	106.696229	
2010	180	100	180.041666667		06/29/2010 1:00	298.51	4.19315	0.369	17.51	0.398	12.93	37.8645	106.5878973	106.641481	2.985174	106.697729	
2010	180	200	180.083333333		06/29/2010 2:00	298.68	4.19553	0.369	17.52	0.398	12.93	37.8592	106.5895166	106.643100	2.986874	106.699429	
2010	180	300	180.125000000		06/29/2010 3:00	298.84	4.19778	0.368	17.5	0.398	12.93	37.8542	106.5910406	106.644624	2.988474	106.701029	
2010	180	400	180.166666667		06/29/2010 4:00	299.02	4.20031	0.368	17.49	0.398	12.92	37.8486	106.5927551	106.646338	2.990274	106.702829	
2010	180	500	180.208333333		06/29/2010 5:00	299.17	4.20242	0.368	17.49	0.398	13.01	37.8439	106.5941839	106.647767	2.991774	106.704329	
2010	180	600	180.250000000		06/29/2010 6:00	299.36	4.20508	0.368	17.5	0.398	13.56	37.8379	106.5959936	106.649577	2.993674	106.706229	
2010	180	700	180.291666667		06/29/2010 7:00	299.45	4.20635	0.368	17.51	0.398	13.55	37.8351	106.5968509	106.650434	2.994574	106.707129	
2010	180	800	180.333333333		06/29/2010 8:00	299.5	4.20705	0.368	17.51	0.398	13.49	37.8336	106.5973271	106.650910	2.995074	106.707629	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	180	900	180.375000000		06/29/2010 9:00	299.45	4.20635	0.368	17.5	0.398	13.47	37.8351	106.5968509	106.650434	2.994574	106.707129	
2010	180	1000	180.416666667		06/29/2010 10:00	299.51	4.20719	0.368	17.48	0.398	13.4	37.8333	106.5974224	106.651006	2.995174	106.707729	
2010	180	1100	180.458333333		06/29/2010 11:00	299.43	4.20607	0.368	17.51	0.398	13.39	37.8358	106.5966604	106.650244	2.994374	106.706929	
2010	180	1200	180.500000000		06/29/2010 12:00	299.45	4.20635	0.368	17.52	0.398	13.39	37.8351	106.5968509	106.650434	2.994574	106.707129	
2010	180	1300	180.541666667		06/29/2010 13:00	299.55	4.20775	0.368	17.5	0.398	13.35	37.8320	106.5978034	106.651387	2.995574	106.708129	
2010	180	1400	180.583333333		06/29/2010 14:00	299.81	4.21141	0.368	17.49	0.398	13.31	37.8239	106.6002799	106.653863	2.998174	106.710730	
2010	180	1500	180.625000000		06/29/2010 15:00	300.01	4.21422	0.368	17.5	0.398	13.3	37.8176	106.6021849	106.655768	3.000174	106.712730	
2010	180	1600	180.666666667		06/29/2010 16:00	300.24	4.21745	0.368	17.49	0.398	13.31	37.8104	106.6043757	106.657959	3.002474	106.715030	
2010	180	1700	180.708333333		06/29/2010 17:00	300.8	4.22531	0.368	17.5	0.398	13.31	37.7929	106.6097097	106.663293	3.008074	106.720630	
2010	180	1800	180.750000000		06/29/2010 18:00	301.01	4.22826	0.367	17.5	0.397	13.35	37.7864	106.61171	106.665293	3.010174	106.722730	
2010	180	1900	180.791666667		06/29/2010 19:00	301.49	4.23500	0.367	17.5	0.397	13.39	37.7714	106.616282	106.669865	3.014974	106.727530	
2010	180	2000	180.833333333		06/29/2010 20:00	301.5	4.23515	0.368	17.51	0.397	13.22	37.7711	106.6163772	106.669960	3.015074	106.727630	
2010	180	2100	180.875000000		06/29/2010 21:00	301.78	4.23908	0.367	17.51	0.397	13.15	37.7623	106.6190443	106.672628	3.017874	106.730430	
2010	180	2200	180.916666667		06/29/2010 22:00	302.05	4.24287	0.367	17.5	0.397	13.11	37.7539	106.621616	106.675199	3.020574	106.733130	
2010	180	2300	180.958333333		06/29/2010 23:00	302.15	4.24428	0.367	17.51	0.397	13.07	37.7508	106.6225685	106.676152	3.021575	106.734130	
2010	180	2400	181.000000000		06/30/2010 0:00	302.25	4.24568	0.367	17.51	0.397	13.04	37.7476	106.623521	106.677104	3.022575	106.735130	
2010	181	100	181.041666667		06/30/2010 1:00	302.19	4.24484	0.367	17.5	0.397	13.01	37.7495	106.6229495	106.676533	3.021975	106.734530	
2010	181	200	181.083333333		06/30/2010 2:00	302.15	4.24428	0.367	17.49	0.397	13	37.7508	106.6225685	106.676152	3.021575	106.734130	
2010	181	300	181.125000000		06/30/2010 3:00	301.99	4.24203	0.367	17.51	0.397	12.97	37.7558	106.6210445	106.674628	3.019974	106.732530	
2010	181	400	181.166666667		06/30/2010 4:00	301.63	4.23697	0.367	17.52	0.397	12.96	37.7670	106.6176155	106.671199	3.016374	106.728930	
2010	181	500	181.208333333		06/30/2010 5:00	301.27	4.23191	0.367	17.51	0.397	13.15	37.7783	106.6141865	106.667770	3.012774	106.725330	
2010	181	600	181.250000000		06/30/2010 6:00	300.79	4.22517	0.367	17.51	0.397	13.79	37.7933	106.6096144	106.663198	3.007974	106.720530	
2010	181	700	181.291666667		06/30/2010 7:00	300.31	4.21843	0.367	17.5	0.397	13.7	37.8083	106.6050424	106.658626	3.003174	106.715730	
2010	181	800	181.333333333		06/30/2010 8:00	299.77	4.21084	0.367	17.5	0.396	13.62	37.8251	106.5998989	106.653482	2.997774	106.710330	
2010	181	900	181.375000000		06/30/2010 9:00	299.22	4.20312	0.367	17.5	0.397	13.58	37.8423	106.5946601	106.648243	2.992274	106.704829	
2010	181	1000	181.416666667		06/30/2010 10:00	298.71	4.19595	0.367	17.49	0.396	13.55	37.8583	106.5898023	106.643386	2.987174	106.699729	
2010	181	1100	181.458333333		06/30/2010 11:00	298.23	4.18921	0.367	17.52	0.396	13.54	37.8733	106.5852303	106.638814	2.982374	106.694929	
2010	181	1200	181.500000000		06/30/2010 12:00	297.88	4.18430	0.367	17.5	0.396	13.53	37.8842	106.5818965	106.635480	2.978873	106.691429	
2010	181	1300	181.541666667		06/30/2010 13:00	297.7	4.18177	0.367	17.49	0.396	13.5	37.8898	106.580182	106.633765	2.977073	106.689629	
2010	181	1400	181.583333333		06/30/2010 14:00	297.6	4.18036	0.367	17.51	0.396	13.48	37.8929	106.5792295	106.632813	2.976073	106.688629	
2010	181	1500	181.625000000		06/30/2010 15:00	297.62	4.18064	0.367	17.5	0.396	13.44	37.8923	106.57942	106.633003	2.976273	106.688829	
2010	181	1600	181.666666667		06/30/2010 16:00	297.7	4.18177	0.366	17.49	0.396	13.43	37.8898	106.580182	106.633765	2.977073	106.689629	
2010	181	1700	181.708333333		06/30/2010 17:00	297.95	4.18528	0.366	17.5	0.396	13.43	37.8820	106.5825633	106.636147	2.979573	106.692129	
2010	181	1800	181.750000000		06/30/2010 18:00	298.24	4.18935	0.366	17.51	0.396	13.46	37.8729	106.5853256	106.638909	2.982474	106.695029	
2010	181	1900	181.791666667		06/30/2010 19:00	298.53	4.19343	0.366	17.49	0.396	13.41	37.8639	106.5880878	106.641671	2.985374	106.697929	
2010	181	2000	181.833333333		06/30/2010 20:00	298.86	4.19806	0.366	17.5	0.396	13.28	37.8536	106.5912311	106.644814	2.988674	106.701229	
2010	181	2100	181.875000000		06/30/2010 21:00	299.11	4.20157	0.366	17.5	0.396	13.22	37.8458	106.5936124	106.647196	2.991174	106.703729	
2010	181	2200	181.916666667		06/30/2010 22:00	299.32	4.20452	0.366	17.5	0.396	13.16	37.8392	106.5956126	106.649196	2.993274	106.705829	
2010	181	2300	181.958333333		06/30/2010 23:00	299.44	4.20621	0.366	17.51	0.396	13.12	37.8354	106.5967556	106.650339	2.994474	106.707029	
2010	181	2400	182.000000000		07/01/2010 0:00	299.5	4.20705	0.366	17.51	0.396	13.07	37.8336	106.5973271	106.650910	2.995074	106.707629	
2010	182	100	182.041666667		07/01/2010 1:00	299.46	4.20649	0.366	17.5	0.396	13.03	37.8348	106.5969461	106.650529	2.994674	106.707229	
2010	182	200	182.083333333		07/01/2010 2:00	299.33	4.20466	0.366	17.51	0.396	13.01	37.8389	106.5957079	106.649291	2.993374	106.705929	
2010	182	300	182.125000000		07/01/2010 3:00	299.08	4.20115	0.366	17.51	0.396	12.99	37.8467	106.5933266	106.646910	2.990874	106.703429	
2010	182	400	182.166666667		07/01/2010 4:00	298.86	4.19806	0.366	17.5	0.396	12.97	37.8536	106.5912311	106.644814	2.988674	106.701229	
2010	182	500	182.208333333		07/01/2010 5:00	298.47	4.19258	0.366	17.5	0.396	12.96	37.8658	106.5875163	106.641100	2.984774	106.697329	
2010	182	600	182.250000000		07/01/2010 6:00	298.01	4.18612	0.366	17.5	0.396	13.43	37.8801	106.5831348	106.636718	2.980173	106.692729	
2010	182	700	182.291666667		07/01/2010 7:00	297.41	4.17769	0.366	17.5	0.396	13.73	37.8989	106.5774198	106.631003	2.974173	106.686729	
2010	182	800	182.333333333		07/01/2010 8:00	296.75	4.16842	0.366	17.49	0.396	13.64	37.9195	106.5711332	106.624716	2.967573	106.680129	
2010	182	900	182.375000000		07/01/2010 9:00	296.12	4.15957	0.366	17.5	0.395	13.54	37.9392	106.5651324	106.618716	2.961273	106.673829	
2010	182	1000	182.416666667		07/01/2010 10:00	295.48	4.15058	0.366	17.51	0.395	13.48	37.9592	106.5590364	106.612620	2.954873	106.667428	
2010	182	1100	182.458333333		07/01/2010 11:00	294.89	4.14230	0.366	17.49	0.396	13.44	37.9776	106.5534166	106.607000	2.948973	106.661528	
2010	182	1200	182.500000000		07/01/2010 12:00	294.26	4.13345	0.366	17.49	0.396	13.43	37.9973	106.5474158	106.600999	2.942673	106.655228	
2010	182	1300	182.541666667		07/01/2010 13:00	293.56	4.12361	0.366	17.52	0.396	13.4	38.0192	106.5407483	106.594332	2.935672	106.648228	
2010	182	1400	182.583333333		07/01/2010 14:00	293.01	4.11589	0.366	17.51	0.395	13.36	38.0364	106.5355095	106.589093	2.930172	106.642728	
2010	182	1500	182.625000000		07/01/2010 15:00	292.53	4.10914	0.366	17.51	0.396	13.33	38.0514	106.5309375	106.584521	2.925372	106.637928	
2010	182	1600	182.666666667		07/01/2010 16:00	292.04	4.10226	0.366	17.52	0.395	13.33	38.0667	106.5262702	106.579853	2.920472	106.633028	
2010	182	1700	182.708333333		07/01/2010 17:00	291.95	4.10100	0.366	17.5	0.395	13.35	38.0695	106.525413	106.578996	2.919572	106.632128	
2010	182	1800	182.750000000		07/01/2010 18:00	291.89	4.10015	0.366	17.5	0.395	13.33	38.0714	106.5248415	106.578425	2.918972	106.631528	
2010	182	1900	182.791666667		07/01/2010 19:00	291.58	4.09580	0.366	17.5	0.395	13.2	38.0811	106.5218887	106.575472	2.915872	106.628427	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	182	2000	182.833333333		07/01/2010 20:00	291.62	4.09636	0.366	17.49	0.395	13.14	38.0798	106.5222697	106.575853	2.916272	106.628827	
2010	182	2100	182.875000000		07/01/2010 21:00	291.91	4.10044	0.366	17.48	0.396	13.09	38.0708	106.525032	106.578615	2.919172	106.631728	
2010	182	2200	182.916666667		07/01/2010 22:00	292.26	4.10535	0.366	17.49	0.396	13.05	38.0598	106.5283657	106.581949	2.922672	106.635228	
2010	182	2300	182.958333333		07/01/2010 23:00	292.54	4.10929	0.366	17.5	0.395	13.01	38.0511	106.5310328	106.584616	2.925472	106.638028	
2010	182	2400	183.000000000		07/02/2010 0:00	292.88	4.11406	0.366	17.49	0.395	12.99	38.0404	106.5342713	106.587855	2.928872	106.641428	
2010	183	100	183.041666667		07/02/2010 1:00	293.11	4.11729	0.366	17.5	0.395	12.96	38.0333	106.536462	106.590045	2.931172	106.643728	
2010	183	200	183.083333333		07/02/2010 2:00	293.33	4.12038	0.366	17.5	0.395	12.95	38.0264	106.5385575	106.592141	2.933372	106.645928	
2010	183	300	183.125000000		07/02/2010 3:00	293.42	4.12165	0.365	17.49	0.395	12.93	38.0236	106.5394148	106.592998	2.934272	106.646828	
2010	183	400	183.166666667		07/02/2010 4:00	293.44	4.12193	0.366	17.48	0.396	12.93	38.0229	106.5396053	106.593189	2.934472	106.647028	
2010	183	500	183.208333333		07/02/2010 5:00	293.16	4.11799	0.366	17.49	0.395	12.93	38.0317	106.5369383	106.590522	2.931672	106.644228	
2010	183	600	183.250000000		07/02/2010 6:00	292.73	4.11195	0.366	17.48	0.395	13.71	38.0451	106.5328425	106.586426	2.927372	106.639928	
2010	183	700	183.291666667		07/02/2010 7:00	292.33	4.10634	0.366	17.5	0.395	13.69	38.0576	106.5290325	106.582616	2.923372	106.635928	
2010	183	800	183.333333333		07/02/2010 8:00	291.73	4.09791	0.365	17.49	0.395	13.62	38.0764	106.5233175	106.576901	2.917372	106.629928	
2010	183	900	183.375000000		07/02/2010 9:00	291.09	4.08892	0.365	17.48	0.395	13.55	38.0964	106.5172214	106.570805	2.910972	106.623527	
2010	183	1000	183.416666667		07/02/2010 10:00	290.53	4.08105	0.365	17.51	0.395	13.55	38.1139	106.5118874	106.565471	2.905372	106.617927	
2010	183	1100	183.458333333		07/02/2010 11:00	289.83	4.07122	0.366	17.51	0.395	13.51	38.1358	106.5052199	106.558803	2.898371	106.610927	
2010	183	1200	183.500000000		07/02/2010 12:00	289.26	4.06321	0.365	17.49	0.395	13.49	38.1536	106.4997906	106.553374	2.892671	106.605227	
2010	183	1300	183.541666667		07/02/2010 13:00	288.74	4.05591	0.366	17.51	0.395	13.45	38.1698	106.4948376	106.548421	2.887471	106.600027	
2010	183	1400	183.583333333		07/02/2010 14:00	288.35	4.05043	0.365	17.49	0.395	13.45	38.1820	106.4911228	106.544706	2.883571	106.596127	
2010	183	1500	183.625000000		07/02/2010 15:00	287.87	4.04369	0.365	17.48	0.395	13.47	38.1970	106.4865508	106.540134	2.878771	106.591327	
2010	183	1600	183.666666667		07/02/2010 16:00	287.52	4.03877	0.365	17.49	0.395	13.46	38.2079	106.483217	106.536800	2.875271	106.587826	
2010	183	1700	183.708333333		07/02/2010 17:00	287.53	4.03891	0.365	17.47	0.395	13.47	38.2076	106.4833122	106.536895	2.875371	106.587926	
2010	183	1800	183.750000000		07/02/2010 18:00	286.98	4.03118	0.365	17.49	0.395	13.66	38.2248	106.4780735	106.531657	2.869871	106.582426	
2010	183	1900	183.791666667		07/02/2010 19:00	286.79	4.02852	0.365	17.5	0.395	13.49	38.2308	106.4762637	106.529847	2.867971	106.580526	
2010	183	2000	183.833333333		07/02/2010 20:00	286.55	4.02514	0.365	17.49	0.395	13.37	38.2383	106.4739777	106.527561	2.865571	106.578126	
2010	183	2100	183.875000000		07/02/2010 21:00	286.48	4.02416	0.365	17.47	0.395	13.28	38.2404	106.4733109	106.526894	2.864871	106.577426	
2010	183	2200	183.916666667		07/02/2010 22:00	286.48	4.02416	0.365	17.48	0.395	13.22	38.2404	106.4733109	106.526894	2.864871	106.577426	
2010	183	2300	183.958333333		07/02/2010 23:00	286.59	4.02571	0.365	17.5	0.395	13.18	38.2370	106.4743587	106.527942	2.865971	106.578526	
2010	183	2400	184.000000000		07/03/2010 0:00	286.67	4.02683	0.365	17.5	0.395	13.12	38.2345	106.4751207	106.528704	2.866771	106.579326	
2010	184	100	184.041666667		07/03/2010 1:00	286.87	4.02964	0.365	17.49	0.395	13.08	38.2283	106.4770257	106.530609	2.868771	106.581326	
2010	184	200	184.083333333		07/03/2010 2:00	287.08	4.03259	0.365	17.48	0.395	13.04	38.2217	106.479026	106.532609	2.870871	106.583426	
2010	184	300	184.125000000		07/03/2010 3:00	287.29	4.03554	0.365	17.49	0.395	13.01	38.2151	106.4810262	106.534609	2.872971	106.585526	
2010	184	400	184.166666667		07/03/2010 4:00	287.52	4.03877	0.365	17.48	0.395	12.98	38.2079	106.483217	106.536800	2.875271	106.587826	
2010	184	500	184.208333333		07/03/2010 5:00	287.75	4.04200	0.365	17.49	0.395	13.03	38.2008	106.4854078	106.538991	2.877571	106.590127	
2010	184	600	184.250000000		07/03/2010 6:00	287.95	4.04481	0.365	17.5	0.394	13.74	38.1945	106.4873128	106.540896	2.879571	106.592127	
2010	184	700	184.291666667		07/03/2010 7:00	288.07	4.04650	0.365	17.47	0.395	13.72	38.1908	106.4884558	106.542039	2.880771	106.593327	
2010	184	800	184.333333333		07/03/2010 8:00	288.13	4.04734	0.365	17.47	0.395	13.69	38.1889	106.4890273	106.542611	2.881371	106.593927	
2010	184	900	184.375000000		07/03/2010 9:00	288.09	4.04678	0.365	17.48	0.395	13.6	38.1901	106.4886463	106.542230	2.880971	106.593527	
2010	184	1000	184.416666667		07/03/2010 10:00	287.93	4.04453	0.365	17.47	0.394	13.51	38.1951	106.4871223	106.540706	2.879371	106.591927	
2010	184	1100	184.458333333		07/03/2010 11:00	287.63	4.04031	0.365	17.46	0.394	13.47	38.2045	106.4842647	106.537848	2.876371	106.588927	
2010	184	1200	184.500000000		07/03/2010 12:00	287.1	4.03287	0.365	17.48	0.394	13.5	38.2211	106.4792165	106.532800	2.871071	106.583626	
2010	184	1300	184.541666667		07/03/2010 13:00	286.41	4.02318	0.365	17.47	0.394	13.46	38.2426	106.4726442	106.526227	2.864171	106.576726	
2010	184	1400	184.583333333		07/03/2010 14:00	285.51	4.01054	0.365	17.47	0.394	13.41	38.2708	106.4640716	106.517655	2.855170	106.567726	
2010	184	1500	184.625000000		07/03/2010 15:00	284.53	3.99677	0.365	17.5	0.394	13.4	38.3014	106.4547371	106.508320	2.845370	106.557926	
2010	184	1600	184.666666667		07/03/2010 16:00	283.54	3.98286	0.364	17.48	0.394	13.4	38.3323	106.4453073	106.498891	2.835470	106.548026	
2010	184	1700	184.708333333		07/03/2010 17:00	282.51	3.96839	0.365	17.48	0.394	13.39	38.3645	106.4354965	106.489080	2.825170	106.537725	
2010	184	1800	184.750000000		07/03/2010 18:00	281.55	3.95491	0.365	17.49	0.394	13.31	38.3945	106.4263524	106.479936	2.815569	106.528125	
2010	184	1900	184.791666667		07/03/2010 19:00	280.59	3.94142	0.365	17.49	0.394	13.2	38.4245	106.4172084	106.470792	2.805969	106.518525	
2010	184	2000	184.833333333		07/03/2010 20:00	279.59	3.92738	0.365	17.49	0.394	13.13	38.4558	106.4076833	106.461267	2.795969	106.508525	
2010	184	2100	184.875000000		07/03/2010 21:00	278.69	3.91474	0.365	17.49	0.394	13.07	38.4839	106.3991108	106.452694	2.786969	106.499524	
2010	184	2200	184.916666667		07/03/2010 22:00	277.9	3.90364	0.364	17.48	0.394	13.03	38.5086	106.391586	106.445169	2.779069	106.491624	
2010	184	2300	184.958333333		07/03/2010 23:00	277.09	3.89226	0.365	17.48	0.394	12.99	38.5339	106.3838707	106.437454	2.770968	106.483524	
2010	184	2400	185.000000000		07/04/2010 0:00	276.29	3.88102	0.365	17.47	0.394	12.96	38.5589	106.3762506	106.429834	2.762968	106.475524	
2010	185	100	185.041666667		07/04/2010 1:00	275.61	3.87147	0.365	17.47	0.394	12.93	38.5801	106.3697736	106.423357	2.756168	106.468724	
2010	185	200	185.083333333		07/04/2010 2:00	274.94	3.86206	0.365	17.47	0.394	12.92	38.6011	106.3633918	106.416975	2.749468	106.462023	
2010	185	300	185.125000000		07/04/2010 3:00	274.31	3.85321	0.365	17.47	0.394	12.91	38.6208	106.357391	106.410974	2.743168	106.455723	
2010	185	400	185.166666667		07/04/2010 4:00	273.79	3.84591	0.365	17.45	0.394	12.91	38.6370	106.352438	106.406021	2.737968	106.450523	
2010	185	500	185.208333333		07/04/2010 5:00	273.25	3.83832	0.365	17.46	0.394	12.91	38.6539	106.3472945	106.400878	2.732567	106.445123	
2010	185	600	185.250000000		07/04/2010 6:00	272.8	3.83200	0.365	17.46	0.394	13.72	38.6680	106.3430082	106.396591	2.728067	106.440623	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	185	700	185.291666667		07/04/2010 7:00	272.44	3.82694	0.365	17.45	0.394	13.68	38.6792	106.3395792	106.393162	2.724467	106.437023	
2010	185	800	185.333333333		07/04/2010 8:00	271.85	3.81865	0.365	17.47	0.394	13.61	38.6976	106.3339594	106.387543	2.718567	106.431123	
2010	185	900	185.375000000		07/04/2010 9:00	271.59	3.81500	0.365	17.46	0.394	13.55	38.7058	106.3314829	106.385066	2.715967	106.428523	
2010	185	1000	185.416666667		07/04/2010 10:00	271.11	3.80826	0.365	17.47	0.394	13.49	38.7208	106.3269109	106.380494	2.711167	106.423722	
2010	185	1100	185.458333333		07/04/2010 11:00	270.54	3.80025	0.365	17.44	0.395	13.45	38.7386	106.3214816	106.375065	2.705467	106.418022	
2010	185	1200	185.500000000		07/04/2010 12:00	270.05	3.79337	0.365	17.46	0.395	13.43	38.7539	106.3168143	106.370398	2.700567	106.413122	
2010	185	1300	185.541666667		07/04/2010 13:00	269.43	3.78466	0.365	17.44	0.395	13.39	38.7733	106.3109088	106.364492	2.694366	106.406922	
2010	185	1400	185.583333333		07/04/2010 14:00	268.89	3.77708	0.365	17.45	0.395	13.35	38.7901	106.3057652	106.359348	2.688966	106.401522	
2010	185	1500	185.625000000		07/04/2010 15:00	268.22	3.76766	0.365	17.46	0.395	13.34	38.8111	106.2993835	106.352967	2.682266	106.394822	
2010	185	1600	185.666666667		07/04/2010 16:00	267.58	3.75867	0.365	17.45	0.395	13.35	38.8311	106.2932874	106.346871	2.675866	106.388422	
2010	185	1700	185.708333333		07/04/2010 17:00	266.84	3.74828	0.365	17.45	0.395	13.37	38.8542	106.2862389	106.339822	2.668466	106.381021	
2010	185	1800	185.750000000		07/04/2010 18:00	266.14	3.73845	0.365	17.46	0.395	13.39	38.8761	106.2795713	106.333155	2.661466	106.374021	
2010	185	1900	185.791666667		07/04/2010 19:00	265.41	3.72819	0.365	17.46	0.395	13.27	38.8989	106.2726181	106.326201	2.654165	106.366721	
2010	185	2000	185.833333333		07/04/2010 20:00	264.69	3.71808	0.365	17.46	0.395	13.18	38.9214	106.26576	106.319343	2.646965	106.359521	
2010	185	2100	185.875000000		07/04/2010 21:00	263.81	3.70572	0.365	17.47	0.395	13.12	38.9489	106.257378	106.310961	2.638165	106.350721	
2010	185	2200	185.916666667		07/04/2010 22:00	263.07	3.69532	0.365	17.43	0.395	13.07	38.9720	106.2503294	106.303913	2.630765	106.343320	
2010	185	2300	185.958333333		07/04/2010 23:00	262.32	3.68479	0.366	17.42	0.395	13.03	38.9955	106.2431856	106.296769	2.623265	106.335820	
2010	185	2400	186.000000000		07/05/2010 0:00	261.45	3.67257	0.366	17.44	0.396	12.99	39.0226	106.2348988	106.288482	2.614564	106.327120	
2010	186	100	186.041666667		07/05/2010 1:00	260.58	3.66035	0.366	17.47	0.396	12.97	39.0498	106.226612	106.280195	2.605864	106.318420	
2010	186	200	186.083333333		07/05/2010 2:00	259.74	3.64855	0.366	17.44	0.396	12.95	39.0761	106.218611	106.272194	2.597464	106.310020	
2010	186	300	186.125000000		07/05/2010 3:00	258.83	3.63576	0.366	17.44	0.396	12.93	39.1045	106.2099432	106.263526	2.588364	106.300919	
2010	186	400	186.166666667		07/05/2010 4:00	257.92	3.62298	0.366	17.43	0.396	12.9	39.1330	106.2012754	106.254859	2.579264	106.291819	
2010	186	500	186.208333333		07/05/2010 5:00	256.97	3.60964	0.366	17.41	0.396	12.9	39.1626	106.1922266	106.245810	2.569763	106.282319	
2010	186	600	186.250000000		07/05/2010 6:00	256.06	3.59685	0.366	17.41	0.396	13.71	39.1911	106.1835588	106.237142	2.560663	106.273219	
2010	186	700	186.291666667		07/05/2010 7:00	255.22	3.58505	0.367	17.4	0.397	13.66	39.2173	106.1755578	106.229141	2.552263	106.264819	
2010	186	800	186.333333333		07/05/2010 8:00	254.37	3.57311	0.367	17.47	0.397	13.58	39.2439	106.1674615	106.221045	2.543763	106.256318	
2010	186	900	186.375000000		07/05/2010 9:00	253.46	3.56033	0.367	17.44	0.397	13.51	39.2723	106.1587937	106.212377	2.534663	106.247218	
2010	186	1000	186.416666667		07/05/2010 10:00	252.61	3.54839	0.367	17.45	0.397	13.45	39.2989	106.1506974	106.204281	2.526162	106.238718	
2010	186	1100	186.458333333		07/05/2010 11:00	251.78	3.53673	0.367	17.45	0.397	13.42	39.3248	106.1427916	106.196375	2.517862	106.230418	
2010	186	1200	186.500000000		07/05/2010 12:00	250.97	3.52535	0.368	17.43	0.398	13.44	39.3501	106.1350763	106.188660	2.509762	106.222317	
2010	186	1300	186.541666667		07/05/2010 13:00	250.15	3.51384	0.368	17.42	0.398	13.41	39.3758	106.1272657	106.180849	2.501562	106.214117	
2010	186	1400	186.583333333		07/05/2010 14:00	249.38	3.50302	0.368	17.44	0.398	13.37	39.3998	106.1199314	106.173515	2.493862	106.206417	
2010	186	1500	186.625000000		07/05/2010 15:00	248.57	3.49164	0.368	17.44	0.398	13.33	39.4251	106.1122162	106.165799	2.485761	106.198317	
2010	186	1600	186.666666667		07/05/2010 16:00	247.81	3.48097	0.368	17.46	0.399	13.35	39.4489	106.1049771	106.158560	2.478161	106.190717	
2010	186	1700	186.708333333		07/05/2010 17:00	247.09	3.47085	0.369	17.44	0.399	13.38	39.4714	106.0981191	106.151702	2.470961	106.183517	
2010	186	1800	186.750000000		07/05/2010 18:00	246.43	3.46158	0.369	17.46	0.399	13.31	39.4920	106.0918325	106.145416	2.464361	106.176916	
2010	186	1900	186.791666667		07/05/2010 19:00	245.79	3.45259	0.369	17.41	0.399	13.19	39.5120	106.0857365	106.139320	2.457961	106.170516	
2010	186	2000	186.833333333		07/05/2010 20:00	245.12	3.44318	0.369	17.42	0.4	13.12	39.5330	106.0793547	106.132938	2.451260	106.163816	
2010	186	2100	186.875000000		07/05/2010 21:00	244.54	3.43503	0.369	17.44	0.4	13.06	39.5511	106.0738302	106.127413	2.445460	106.158016	
2010	186	2200	186.916666667		07/05/2010 22:00	244.02	3.42773	0.37	17.44	0.4	13.02	39.5673	106.0688772	106.122460	2.440260	106.152816	
2010	186	2300	186.958333333		07/05/2010 23:00	243.52	3.42071	0.37	17.42	0.401	12.99	39.5830	106.0641146	106.117698	2.435260	106.147816	
2010	186	2400	187.000000000		07/06/2010 0:00	243.06	3.41424	0.371	17.42	0.401	12.96	39.5973	106.0597331	106.113316	2.430660	106.143216	
2010	187	100	187.041666667		07/06/2010 1:00	242.66	3.40862	0.371	17.43	0.401	12.94	39.6098	106.0559231	106.109506	2.426660	106.139215	
2010	187	200	187.083333333		07/06/2010 2:00	242.22	3.40244	0.371	17.43	0.402	12.92	39.6236	106.0517321	106.105315	2.422260	106.134815	
2010	187	300	187.125000000		07/06/2010 3:00	241.76	3.39598	0.371	17.43	0.402	12.91	39.6380	106.0473505	106.100934	2.417660	106.130215	
2010	187	400	187.166666667		07/06/2010 4:00	241.35	3.39022	0.372	17.45	0.402	12.9	39.6508	106.0434453	106.097029	2.413560	106.126115	
2010	187	500	187.208333333		07/06/2010 5:00	240.94	3.38446	0.372	17.43	0.403	12.89	39.6636	106.03954	106.093123	2.409459	106.122015	
2010	187	600	187.250000000		07/06/2010 6:00	240.64	3.38025	0.372	17.43	0.403	13.7	39.6730	106.0366825	106.090266	2.406459	106.119015	
2010	187	700	187.291666667		07/06/2010 7:00	240.32	3.37576	0.373	17.43	0.403	13.65	39.6830	106.0336345	106.087218	2.403259	106.115815	
2010	187	800	187.333333333		07/06/2010 8:00	240.07	3.37224	0.373	17.45	0.404	13.56	39.6908	106.0312532	106.084836	2.400759	106.113315	
2010	187	900	187.375000000		07/06/2010 9:00	239.83	3.36887	0.373	17.45	0.404	13.49	39.6983	106.0289672	106.082550	2.398359	106.110915	
2010	187	1000	187.416666667		07/06/2010 10:00	239.61	3.36578	0.374	17.45	0.404	13.42	39.7051	106.0268717	106.080455	2.396159	106.108715	
2010	187	1100	187.458333333		07/06/2010 11:00	239.45	3.36353	0.374	17.46	0.404	13.39	39.7101	106.0253477	106.078931	2.394559	106.107115	
2010	187	1200	187.500000000		07/06/2010 12:00	239.34	3.36199	0.374	17.43	0.405	13.39	39.7136	106.0242999	106.077883	2.393459	106.106015	
2010	187	1300	187.541666667		07/06/2010 13:00	239.22	3.36030	0.374	17.44	0.405	13.35	39.7173	106.0231569	106.076740	2.392259	106.104815	
2010	187	1400	187.583333333		07/06/2010 14:00	239.2	3.36002	0.374	17.42	0.405	13.29	39.7180	106.0229664	106.076550	2.392059	106.104615	
2010	187	1500	187.625000000		07/06/2010 15:00	239.07	3.35820	0.375	17.43	0.405	13.27	39.7220	106.0217281	106.075311	2.390759	106.103315	
2010	187	1600	187.666666667		07/06/2010 16:00	239.05	3.35792	0.375	17.4	0.406	13.27	39.7226	106.0215376	106.075121	2.390559	106.103115	
2010	187	1700	187.708333333		07/06/2010 17:00	238.94	3.35637	0.375	17.42	0.406	13.28	39.7261	106.0204899	106.074073	2.389459	106.102015	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	187	1800	187.750000000		07/06/2010 18:00	238.79	3.35426	0.375	17.43	0.406	13.21	39.7308	106.0190611	106.072644	2.387959	106.100514	
2010	187	1900	187.791666667		07/06/2010 19:00	238.61	3.35173	0.375	17.43	0.406	13.09	39.7364	106.0173466	106.070930	2.386159	106.098714	
2010	187	2000	187.833333333		07/06/2010 20:00	238.47	3.34977	0.375	17.43	0.406	13.03	39.7408	106.0160131	106.069596	2.384759	106.097314	
2010	187	2100	187.875000000		07/06/2010 21:00	238.32	3.34766	0.375	17.45	0.406	12.99	39.7455	106.0145844	106.068168	2.383259	106.095814	
2010	187	2200	187.916666667		07/06/2010 22:00	238.2	3.34598	0.376	17.44	0.406	12.97	39.7492	106.0134413	106.067025	2.382059	106.094614	
2010	187	2300	187.958333333		07/06/2010 23:00	238.05	3.34387	0.376	17.45	0.406	12.94	39.7539	106.0120126	106.065596	2.380559	106.093114	
2010	187	2400	188.000000000		07/07/2010 0:00	237.93	3.34218	0.376	17.45	0.407	12.93	39.7576	106.0108696	106.064453	2.379359	106.091914	
2010	188	100	188.041666667		07/07/2010 1:00	237.81	3.34050	0.376	17.44	0.407	12.92	39.7614	106.0097266	106.063310	2.378159	106.090714	
2010	188	200	188.083333333		07/07/2010 2:00	237.67	3.33853	0.376	17.43	0.407	12.91	39.7658	106.0083931	106.061976	2.376759	106.089314	
2010	188	300	188.125000000		07/07/2010 3:00	237.66	3.33839	0.376	17.44	0.407	12.91	39.7661	106.0082978	106.061881	2.376659	106.089214	
2010	188	400	188.166666667		07/07/2010 4:00	237.62	3.33783	0.376	17.45	0.407	12.91	39.7673	106.0079168	106.061500	2.376259	106.088814	
2010	188	500	188.208333333		07/07/2010 5:00	237.66	3.33839	0.376	17.46	0.407	12.91	39.7661	106.0082978	106.061881	2.376659	106.089214	
2010	188	600	188.250000000		07/07/2010 6:00	237.63	3.33797	0.376	17.45	0.407	13.67	39.7670	106.0080121	106.061595	2.376359	106.088914	
2010	188	700	188.291666667		07/07/2010 7:00	237.76	3.33979	0.376	17.45	0.407	13.6	39.7630	106.0092503	106.062834	2.377659	106.090214	
2010	188	800	188.333333333		07/07/2010 8:00	237.86	3.34120	0.376	17.44	0.407	13.52	39.7598	106.0102028	106.063786	2.378659	106.091214	
2010	188	900	188.375000000		07/07/2010 9:00	237.93	3.34218	0.376	17.45	0.407	13.45	39.7576	106.0108696	106.064453	2.379359	106.091914	
2010	188	1000	188.416666667		07/07/2010 10:00	238.03	3.34359	0.376	17.42	0.407	13.38	39.7545	106.0118221	106.065405	2.380359	106.092914	
2010	188	1100	188.458333333		07/07/2010 11:00	238.12	3.34485	0.376	17.44	0.407	13.32	39.7517	106.0126793	106.066263	2.381259	106.093814	
2010	188	1200	188.500000000		07/07/2010 12:00	238.18	3.34569	0.376	17.46	0.407	13.29	39.7498	106.0132508	106.066834	2.381859	106.094414	
2010	188	1300	188.541666667		07/07/2010 13:00	238.05	3.34387	0.377	17.44	0.407	13.25	39.7539	106.0120126	106.065596	2.380559	106.093114	
2010	188	1400	188.583333333		07/07/2010 14:00	237.88	3.34148	0.377	17.48	0.407	13.18	39.7592	106.0103933	106.063977	2.378859	106.091414	
2010	188	1500	188.625000000		07/07/2010 15:00	237.58	3.33727	0.376	17.42	0.407	13.15	39.7686	106.0075358	106.061119	2.375859	106.088414	
2010	188	1600	188.666666667		07/07/2010 16:00	237.25	3.33263	0.377	17.49	0.407	13.14	39.7789	106.0043925	106.057976	2.372559	106.085114	
2010	188	1700	188.708333333		07/07/2010 17:00	236.82	3.32659	0.377	17.48	0.407	13.15	39.7923	106.0002968	106.053880	2.368258	106.080814	
2010	188	1800	188.750000000		07/07/2010 18:00	236.27	3.31887	0.377	17.45	0.407	13.08	39.8095	105.995058	106.048641	2.362758	106.075314	
2010	188	1900	188.791666667		07/07/2010 19:00	235.64	3.31002	0.376	17.44	0.407	13	39.8292	105.9890572	106.042640	2.356458	106.069014	
2010	188	2000	188.833333333		07/07/2010 20:00	235.03	3.30145	0.377	17.45	0.408	12.98	39.8483	105.9832469	106.036830	2.350358	106.062914	
2010	188	2100	188.875000000		07/07/2010 21:00	234.48	3.29372	0.377	17.45	0.407	12.96	39.8655	105.9780081	106.031591	2.344858	106.057413	
2010	188	2200	188.916666667		07/07/2010 22:00	233.83	3.28459	0.377	17.45	0.407	12.96	39.8858	105.9718169	106.025400	2.338358	106.050913	
2010	188	2300	188.958333333		07/07/2010 23:00	233.12	3.27462	0.377	17.45	0.407	12.96	39.9080	105.9650541	106.018637	2.331257	106.043813	
2010	188	2400	189.000000000		07/08/2010 0:00	232.52	3.26619	0.377	17.44	0.407	12.95	39.9267	105.959339	106.012922	2.325257	106.037813	
2010	189	100	189.041666667		07/08/2010 1:00	231.89	3.25734	0.377	17.47	0.407	12.95	39.9464	105.9533383	106.006922	2.318957	106.031513	
2010	189	200	189.083333333		07/08/2010 2:00	231.44	3.25102	0.377	17.45	0.408	12.94	39.9605	105.949052	106.002635	2.314457	106.027013	
2010	189	300	189.125000000		07/08/2010 3:00	230.97	3.24442	0.377	17.45	0.408	12.93	39.9751	105.9445752	105.998158	2.309757	106.022313	
2010	189	400	189.166666667		07/08/2010 4:00	230.71	3.24076	0.377	17.43	0.408	12.93	39.9833	105.9420987	105.995682	2.307157	106.019712	
2010	189	500	189.208333333		07/08/2010 5:00	230.46	3.23725	0.377	17.46	0.408	12.92	39.9911	105.9397174	105.993301	2.304657	106.017212	
2010	189	600	189.250000000		07/08/2010 6:00	230.26	3.23444	0.377	17.45	0.408	13.6	39.9973	105.9378124	105.991396	2.302657	106.015212	
2010	189	700	189.291666667		07/08/2010 7:00	230.06	3.23163	0.377	17.45	0.408	13.53	40.0036	105.9359074	105.989491	2.300657	106.013212	
2010	189	800	189.333333333		07/08/2010 8:00	229.82	3.22826	0.377	17.45	0.408	13.44	40.0111	105.9336214	105.987205	2.298257	106.010812	
2010	189	900	189.375000000		07/08/2010 9:00	229.53	3.22419	0.377	17.44	0.408	13.37	40.0201	105.9308591	105.984442	2.295357	106.007912	
2010	189	1000	189.416666667		07/08/2010 10:00	229.2	3.21955	0.377	17.46	0.408	13.3	40.0305	105.9277159	105.981299	2.292057	106.004612	
2010	189	1100	189.458333333		07/08/2010 11:00	228.81	3.21408	0.377	17.45	0.408	13.25	40.0426	105.9240011	105.977584	2.288156	106.000712	
2010	189	1200	189.500000000		07/08/2010 12:00	228.65	3.21183	0.377	17.45	0.408	13.25	40.0476	105.9224771	105.976060	2.286556	105.999112	
2010	189	1300	189.541666667		07/08/2010 13:00	228.39	3.20818	0.378	17.48	0.408	13.21	40.0558	105.9200006	105.973584	2.283956	105.996512	
2010	189	1400	189.583333333		07/08/2010 14:00	228.17	3.20508	0.378	17.44	0.408	13.15	40.0626	105.9179051	105.971488	2.281756	105.994312	
2010	189	1500	189.625000000		07/08/2010 15:00	227.94	3.20185	0.378	17.5	0.408	13.12	40.0698	105.9157143	105.969298	2.279456	105.992012	
2010	189	1600	189.666666667		07/08/2010 16:00	227.61	3.19722	0.378	17.47	0.409	13.12	40.0801	105.912571	105.966154	2.276156	105.988712	
2010	189	1700	189.708333333		07/08/2010 17:00	227.27	3.19244	0.378	17.49	0.409	13.14	40.0908	105.9093325	105.962916	2.272756	105.985312	
2010	189	1800	189.750000000		07/08/2010 18:00	226.86	3.18668	0.378	17.46	0.409	13.06	40.1036	105.9054272	105.959011	2.268656	105.981212	
2010	189	1900	189.791666667		07/08/2010 19:00	226.5	3.18163	0.378	17.48	0.409	13.01	40.1148	105.9019982	105.955581	2.265056	105.977611	
2010	189	2000	189.833333333		07/08/2010 20:00	226.13	3.17643	0.378	17.46	0.409	12.99	40.1264	105.898474	105.952057	2.261356	105.973911	
2010	189	2100	189.875000000		07/08/2010 21:00	225.77	3.17137	0.378	17.45	0.409	12.98	40.1376	105.8950449	105.948628	2.257756	105.970311	
2010	189	2200	189.916666667		07/08/2010 22:00	225.45	3.16688	0.378	17.45	0.409	12.96	40.1476	105.8919969	105.945580	2.254556	105.967111	
2010	189	2300	189.958333333		07/08/2010 23:00	225.17	3.16294	0.378	17.45	0.409	12.95	40.1564	105.8893299	105.942913	2.251756	105.964311	
2010	189	2400	190.000000000		07/09/2010 0:00	224.9	3.15915	0.378	17.45	0.409	12.94	40.1648	105.8867581	105.940341	2.249055	105.961611	
2010	190	100	190.041666667		07/09/2010 1:00	224.67	3.15592	0.378	17.45	0.409	12.94	40.1720	105.8845674	105.938151	2.246755	105.959311	
2010	190	200	190.083333333		07/09/2010 2:00	224.5	3.15353	0.378	17.47	0.409	12.93	40.1773	105.8829481	105.936531	2.245055	105.957611	
2010	190	300	190.125000000		07/09/2010 3:00	224.39	3.15199	0.379	17.47	0.409	12.93	40.1808	105.8819004	105.935484	2.243955	105.956511	
2010	190	400	190.166666667		07/09/2010 4:00	224.35	3.15143	0.379	17.46	0.409	12.92	40.1820	105.8815194	105.935103	2.243555	105.956111	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	190	500	190.208333333		07/09/2010 5:00	224.32	3.15100	0.379	17.45	0.41	12.92	40.1830	105.8812336	105.934817	2.243255	105.955811	
2010	190	600	190.250000000		07/09/2010 6:00	224.28	3.15044	0.379	17.47	0.41	13.57	40.1842	105.8808526	105.934436	2.242855	105.955411	
2010	190	700	190.291666667		07/09/2010 7:00	224.27	3.15030	0.379	17.47	0.41	13.52	40.1845	105.8807574	105.934341	2.242755	105.955311	
2010	190	800	190.333333333		07/09/2010 8:00	224.29	3.15058	0.379	17.46	0.41	13.42	40.1839	105.8809479	105.934531	2.242955	105.955511	
2010	190	900	190.375000000		07/09/2010 9:00	224.34	3.15129	0.379	17.45	0.41	13.34	40.1823	105.8814241	105.935007	2.243455	105.956011	
2010	190	1000	190.416666667		07/09/2010 10:00	224.45	3.15283	0.379	17.44	0.41	13.27	40.1789	105.8824719	105.936055	2.244555	105.957111	
2010	190	1100	190.458333333		07/09/2010 11:00	224.61	3.15508	0.379	17.48	0.41	13.23	40.1739	105.8839959	105.937579	2.246155	105.958711	
2010	190	1200	190.500000000		07/09/2010 12:00	224.77	3.15733	0.379	17.48	0.41	13.22	40.1689	105.8855199	105.939103	2.247755	105.960311	
2010	190	1300	190.541666667		07/09/2010 13:00	224.98	3.16028	0.379	17.48	0.41	13.17	40.1623	105.8875201	105.941103	2.249855	105.962411	
2010	190	1400	190.583333333		07/09/2010 14:00	225.2	3.16337	0.379	17.42	0.41	13.12	40.1555	105.8896157	105.943199	2.252056	105.964611	
2010	190	1500	190.625000000		07/09/2010 15:00	225.46	3.16702	0.379	17.46	0.41	13.1	40.1473	105.8920922	105.945675	2.254656	105.967211	
2010	190	1600	190.666666667		07/09/2010 16:00	225.64	3.16955	0.379	17.48	0.41	13.09	40.1417	105.8938067	105.947390	2.256456	105.969011	
2010	190	1700	190.708333333		07/09/2010 17:00	225.87	3.17278	0.379	17.5	0.41	13.1	40.1345	105.8959974	105.949581	2.258756	105.971311	
2010	190	1800	190.750000000		07/09/2010 18:00	226.19	3.17727	0.379	17.47	0.41	13.03	40.1245	105.8990455	105.952629	2.261956	105.974511	
2010	190	1900	190.791666667		07/09/2010 19:00	226.48	3.18135	0.379	17.44	0.41	13	40.1155	105.9018077	105.955391	2.264856	105.977411	
2010	190	2000	190.833333333		07/09/2010 20:00	226.81	3.18598	0.379	17.48	0.409	12.98	40.1051	105.904951	105.958534	2.268156	105.980712	
2010	190	2100	190.875000000		07/09/2010 21:00	227.15	3.19076	0.378	17.47	0.409	12.97	40.0945	105.9081895	105.961773	2.271556	105.984112	
2010	190	2200	190.916666667		07/09/2010 22:00	227.55	3.19638	0.378	17.46	0.409	12.96	40.0820	105.9119995	105.965583	2.275556	105.988112	
2010	190	2300	190.958333333		07/09/2010 23:00	227.85	3.20059	0.378	17.46	0.409	12.96	40.0726	105.914857	105.968440	2.278556	105.991112	
2010	190	2400	191.000000000		07/10/2010 0:00	228.27	3.20649	0.378	17.46	0.409	12.95	40.0595	105.9188576	105.972441	2.282756	105.995312	
2010	191	100	191.041666667		07/10/2010 1:00	228.65	3.21183	0.378	17.44	0.409	12.95	40.0476	105.9224771	105.976060	2.286556	105.999112	
2010	191	200	191.083333333		07/10/2010 2:00	229.12	3.21843	0.378	17.44	0.409	12.94	40.0330	105.9269539	105.980537	2.291257	106.003812	
2010	191	300	191.125000000		07/10/2010 3:00	229.45	3.22307	0.378	17.46	0.409	12.93	40.0226	105.9300971	105.983680	2.294557	106.007112	
2010	191	400	191.166666667		07/10/2010 4:00	229.84	3.22854	0.378	17.45	0.409	12.93	40.0105	105.9338119	105.987395	2.298457	106.011012	
2010	191	500	191.208333333		07/10/2010 5:00	230.2	3.23360	0.378	17.45	0.409	12.93	39.9992	105.9372409	105.990824	2.302057	106.014612	
2010	191	600	191.250000000		07/10/2010 6:00	230.49	3.23767	0.378	17.46	0.408	13.47	39.9901	105.9400032	105.993586	2.304957	106.017512	
2010	191	700	191.291666667		07/10/2010 7:00	230.72	3.24090	0.377	17.45	0.408	13.44	39.9830	105.9421939	105.995777	2.307257	106.019812	
2010	191	800	191.333333333		07/10/2010 8:00	230.84	3.24259	0.377	17.46	0.408	13.4	39.9792	105.943337	105.996920	2.308457	106.021013	
2010	191	900	191.375000000		07/10/2010 9:00	230.89	3.24329	0.377	17.47	0.408	13.34	39.9776	105.9438132	105.997396	2.308957	106.021513	
2010	191	1000	191.416666667		07/10/2010 10:00	230.9	3.24343	0.377	17.43	0.408	13.25	39.9773	105.9439085	105.997492	2.309057	106.021613	
2010	191	1100	191.458333333		07/10/2010 11:00	230.95	3.24414	0.377	17.45	0.408	13.21	39.9758	105.9443847	105.997968	2.309557	106.022113	
2010	191	1200	191.500000000		07/10/2010 12:00	230.88	3.24315	0.377	17.44	0.408	13.21	39.9780	105.943718	105.997301	2.308857	106.021413	
2010	191	1300	191.541666667		07/10/2010 13:00	230.75	3.24133	0.377	17.5	0.407	13.18	39.9820	105.9424797	105.996063	2.307557	106.020112	
2010	191	1400	191.583333333		07/10/2010 14:00	230.59	3.23908	0.377	17.48	0.407	13.15	39.9870	105.9409557	105.994539	2.305957	106.018512	
2010	191	1500	191.625000000		07/10/2010 15:00	230.48	3.23753	0.377	17.48	0.407	13.13	39.9905	105.9399079	105.993491	2.304857	106.017412	
2010	191	1600	191.666666667		07/10/2010 16:00	230.24	3.23416	0.377	17.49	0.407	13.13	39.9980	105.9376219	105.991205	2.302457	106.015012	
2010	191	1700	191.708333333		07/10/2010 17:00	230.15	3.23290	0.376	17.49	0.407	13.13	40.0008	105.9367647	105.990348	2.301557	106.014112	
2010	191	1800	191.750000000		07/10/2010 18:00	229.93	3.22981	0.377	17.48	0.407	13.11	40.0076	105.9346692	105.988252	2.299357	106.011912	
2010	191	1900	191.791666667		07/10/2010 19:00	229.81	3.22812	0.376	17.45	0.407	13.04	40.0114	105.9335261	105.987109	2.298157	106.010712	
2010	191	2000	191.833333333		07/10/2010 20:00	229.72	3.22686	0.376	17.46	0.407	13.01	40.0142	105.9326689	105.986252	2.297257	106.009812	
2010	191	2100	191.875000000		07/10/2010 21:00	229.6	3.22517	0.376	17.44	0.407	13	40.0180	105.9315259	105.985109	2.296057	106.008612	
2010	191	2200	191.916666667		07/10/2010 22:00	229.46	3.22321	0.376	17.45	0.406	12.98	40.0223	105.9301924	105.983776	2.294657	106.007212	
2010	191	2300	191.958333333		07/10/2010 23:00	229.38	3.22208	0.376	17.45	0.406	12.97	40.0248	105.9294304	105.983014	2.293857	106.006412	
2010	191	2400	192.000000000		07/11/2010 0:00	229.24	3.22012	0.376	17.46	0.406	12.97	40.0292	105.9280969	105.981680	2.292457	106.005012	
2010	192	100	192.041666667		07/11/2010 1:00	229.08	3.21787	0.376	17.44	0.406	12.95	40.0342	105.9265729	105.980156	2.290856	106.003412	
2010	192	200	192.083333333		07/11/2010 2:00	228.97	3.21632	0.376	17.45	0.406	12.95	40.0376	105.9255251	105.979108	2.289756	106.002312	
2010	192	300	192.125000000		07/11/2010 3:00	228.82	3.21422	0.375	17.44	0.406	12.94	40.0423	105.9240963	105.977680	2.288256	106.000812	
2010	192	400	192.166666667		07/11/2010 4:00	228.63	3.21155	0.375	17.45	0.406	12.94	40.0483	105.9222866	105.975870	2.286356	105.998912	
2010	192	500	192.208333333		07/11/2010 5:00	228.46	3.20916	0.375	17.45	0.406	12.93	40.0536	105.9206673	105.974251	2.284656	105.997212	
2010	192	600	192.250000000		07/11/2010 6:00	228.31	3.20705	0.375	17.44	0.406	13.47	40.0583	105.9192386	105.972822	2.283156	105.995712	
2010	192	700	192.291666667		07/11/2010 7:00	228.19	3.20537	0.375	17.44	0.406	13.43	40.0620	105.9180956	105.971679	2.281956	105.994512	
2010	192	800	192.333333333		07/11/2010 8:00	227.99	3.20256	0.375	17.44	0.406	13.38	40.0683	105.9161906	105.969774	2.279956	105.992512	
2010	192	900	192.375000000		07/11/2010 9:00	227.85	3.20059	0.375	17.44	0.406	13.31	40.0726	105.914857	105.968440	2.278556	105.991112	
2010	192	1000	192.416666667		07/11/2010 10:00	227.63	3.19750	0.375	17.44	0.405	13.25	40.0795	105.9127615	105.966345	2.276356	105.988912	
2010	192	1100	192.458333333		07/11/2010 11:00	227.44	3.19483	0.375	17.44	0.406	13.21	40.0855	105.9109518	105.964535	2.274456	105.987012	
2010	192	1200	192.500000000		07/11/2010 12:00	227.1	3.19005	0.375	17.45	0.405	13.21	40.0961	105.9077133	105.961297	2.271056	105.983612	
2010	192	1300	192.541666667		07/11/2010 13:00	226.57	3.18261	0.375	17.4	0.406	13.18	40.1126	105.902665	105.956248	2.265756	105.978311	
2010	192	1400	192.583333333		07/11/2010 14:00	226.06	3.17545	0.375	17.44	0.405	13.14	40.1286	105.8978072	105.951390	2.260656	105.973211	
2010	192	1500	192.625000000		07/11/2010 15:00	225.57	3.16856	0.375	17.42	0.405	13.11	40.1439	105.8931399	105.946723	2.255756	105.968311	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	192	1600	192.666666667		07/11/2010 16:00	225.03	3.16098	0.375	17.47	0.405	13.11	40.1608	105.8879964	105.941580	2.250355	105.962911	
2010	192	1700	192.708333333		07/11/2010 17:00	224.43	3.15255	0.375	17.45	0.405	13.12	40.1795	105.8822814	105.935865	2.244355	105.956911	
2010	192	1800	192.750000000		07/11/2010 18:00	223.83	3.14412	0.374	17.42	0.405	13.05	40.1983	105.8765663	105.930150	2.238355	105.950911	
2010	192	1900	192.791666667		07/11/2010 19:00	223.55	3.14019	0.374	17.47	0.405	13.02	40.2070	105.8738993	105.927483	2.235555	105.948111	
2010	192	2000	192.833333333		07/11/2010 20:00	222.98	3.13218	0.374	17.44	0.405	12.99	40.2248	105.86847	105.922053	2.229855	105.942411	
2010	192	2100	192.875000000		07/11/2010 21:00	222.73	3.12867	0.374	17.45	0.405	12.98	40.2326	105.8660888	105.919672	2.227355	105.939911	
2010	192	2200	192.916666667		07/11/2010 22:00	222.34	3.12319	0.374	17.45	0.405	12.97	40.2448	105.862374	105.915957	2.223455	105.936010	
2010	192	2300	192.958333333		07/11/2010 23:00	222.07	3.11940	0.374	17.46	0.405	12.96	40.2533	105.8598022	105.913385	2.220755	105.933310	
2010	192	2400	193.000000000		07/12/2010 0:00	221.95	3.11771	0.374	17.45	0.405	12.95	40.2570	105.8586592	105.912242	2.219555	105.932110	
2010	193	100	193.041666667		07/12/2010 1:00	221.78	3.11533	0.374	17.44	0.405	12.95	40.2623	105.85704	105.910623	2.217855	105.930410	
2010	193	200	193.083333333		07/12/2010 2:00	221.58	3.11252	0.374	17.44	0.404	12.94	40.2686	105.855135	105.908718	2.215855	105.928410	
2010	193	300	193.125000000		07/12/2010 3:00	221.46	3.11083	0.374	17.45	0.405	12.94	40.2723	105.853992	105.907575	2.214655	105.927210	
2010	193	400	193.166666667		07/12/2010 4:00	221.36	3.10943	0.374	17.42	0.405	12.93	40.2755	105.8530394	105.906623	2.213655	105.926210	
2010	193	500	193.208333333		07/12/2010 5:00	221.25	3.10788	0.374	17.43	0.405	12.93	40.2789	105.8519917	105.905575	2.212555	105.925110	
2010	193	600	193.250000000		07/12/2010 6:00	221.16	3.10662	0.374	17.42	0.405	13.54	40.2817	105.8511344	105.904718	2.211655	105.924210	
2010	193	700	193.291666667		07/12/2010 7:00	221.27	3.10816	0.374	17.45	0.404	13.5	40.2783	105.8521822	105.905765	2.212755	105.925310	
2010	193	800	193.333333333		07/12/2010 8:00	221.05	3.10507	0.374	17.43	0.404	13.45	40.2851	105.8500867	105.903670	2.210555	105.923110	
2010	193	900	193.375000000		07/12/2010 9:00	220.96	3.10381	0.374	17.45	0.404	13.39	40.2880	105.8492294	105.902813	2.209654	105.922210	
2010	193	1000	193.416666667		07/12/2010 10:00	220.84	3.10212	0.374	17.44	0.404	13.33	40.2917	105.8480864	105.901670	2.208454	105.921010	
2010	193	1100	193.458333333		07/12/2010 11:00	220.87	3.10254	0.374	17.44	0.404	13.32	40.2908	105.8483722	105.901955	2.208754	105.921310	
2010	193	1200	193.500000000		07/12/2010 12:00	220.71	3.10029	0.374	17.45	0.404	13.33	40.2958	105.8468482	105.900431	2.207154	105.919710	
2010	193	1300	193.541666667		07/12/2010 13:00	220.66	3.09959	0.373	17.43	0.404	13.31	40.2973	105.8463719	105.899955	2.206654	105.919210	
2010	193	1400	193.583333333		07/12/2010 14:00	220.19	3.09299	0.373	17.42	0.404	13.27	40.3120	105.8418951	105.895478	2.201954	105.914510	
2010	193	1500	193.625000000		07/12/2010 15:00	220.16	3.09257	0.373	17.45	0.404	13.27	40.3130	105.8416094	105.895193	2.201654	105.914210	
2010	193	1600	193.666666667		07/12/2010 16:00	219.93	3.08934	0.373	17.43	0.404	13.29	40.3201	105.8394186	105.893002	2.199354	105.911910	
2010	193	1700	193.708333333		07/12/2010 17:00	219.56	3.08414	0.373	17.45	0.403	13.33	40.3317	105.8358944	105.889478	2.195654	105.908210	
2010	193	1800	193.750000000		07/12/2010 18:00	219.3	3.08049	0.373	17.44	0.404	13.31	40.3398	105.8334178	105.887001	2.193054	105.905610	
2010	193	1900	193.791666667		07/12/2010 19:00	219.05	3.07698	0.373	17.44	0.404	13.2	40.3476	105.8310366	105.884620	2.190554	105.903110	
2010	193	2000	193.833333333		07/12/2010 20:00	218.62	3.07094	0.373	17.45	0.404	13.14	40.3611	105.8269408	105.880524	2.186254	105.898809	
2010	193	2100	193.875000000		07/12/2010 21:00	218.5	3.06925	0.373	17.45	0.404	13.11	40.3648	105.8257978	105.879381	2.185054	105.897609	
2010	193	2200	193.916666667		07/12/2010 22:00	218.13	3.06405	0.373	17.44	0.404	13.08	40.3764	105.8222735	105.875857	2.181354	105.893909	
2010	193	2300	193.958333333		07/12/2010 23:00	217.73	3.05844	0.373	17.46	0.403	13.06	40.3889	105.8184635	105.872047	2.177354	105.889909	
2010	193	2400	194.000000000		07/13/2010 0:00	217.43	3.05422	0.373	17.44	0.403	13.04	40.3983	105.815606	105.869189	2.174354	105.886909	
2010	194	100	194.041666667		07/13/2010 1:00	217.04	3.04874	0.373	17.45	0.403	13.03	40.4105	105.8118912	105.865474	2.170454	105.883009	
2010	194	200	194.083333333		07/13/2010 2:00	216.66	3.04340	0.373	17.44	0.403	13.01	40.4223	105.8082717	105.861855	2.166653	105.879209	
2010	194	300	194.125000000		07/13/2010 3:00	216.31	3.03849	0.373	17.43	0.403	12.99	40.4333	105.8049379	105.858521	2.163153	105.875709	
2010	194	400	194.166666667		07/13/2010 4:00	215.87	3.03231	0.373	17.44	0.403	12.99	40.4470	105.8007469	105.854330	2.158753	105.871309	
2010	194	500	194.208333333		07/13/2010 5:00	215.44	3.02627	0.373	17.45	0.403	12.98	40.4605	105.7966511	105.850234	2.154453	105.867009	
2010	194	600	194.250000000		07/13/2010 6:00	214.98	3.01981	0.373	17.43	0.403	13.74	40.4748	105.7922696	105.845853	2.149853	105.862409	
2010	194	700	194.291666667		07/13/2010 7:00	214.41	3.01180	0.373	17.44	0.403	13.68	40.4926	105.7868403	105.840424	2.144153	105.856708	
2010	194	800	194.333333333		07/13/2010 8:00	213.75	3.00253	0.373	17.44	0.403	13.6	40.5133	105.7805538	105.834137	2.137553	105.850108	
2010	194	900	194.375000000		07/13/2010 9:00	213.1	2.99340	0.373	17.45	0.403	13.52	40.5336	105.7743625	105.827946	2.131053	105.843608	
2010	194	1000	194.416666667		07/13/2010 10:00	212.5	2.98497	0.372	17.46	0.403	13.47	40.5523	105.7686475	105.822231	2.125052	105.837608	
2010	194	1100	194.458333333		07/13/2010 11:00	211.67	2.97331	0.373	17.44	0.403	13.45	40.5783	105.7607417	105.814325	2.116752	105.829308	
2010	194	1200	194.500000000		07/13/2010 12:00	210.95	2.96320	0.373	17.45	0.403	13.45	40.6008	105.7538836	105.807467	2.109552	105.822108	
2010	194	1300	194.541666667		07/13/2010 13:00	210.02	2.95013	0.372	17.44	0.403	13.42	40.6298	105.7450253	105.798609	2.100252	105.812807	
2010	194	1400	194.583333333		07/13/2010 14:00	209.34	2.94058	0.373	17.46	0.403	13.43	40.6511	105.7385483	105.792132	2.093452	105.806007	
2010	194	1500	194.625000000		07/13/2010 15:00	208.62	2.93047	0.373	17.46	0.403	13.4	40.6736	105.7316903	105.785274	2.086251	105.798807	
2010	194	1600	194.666666667		07/13/2010 16:00	207.81	2.91909	0.373	17.45	0.403	13.4	40.6989	105.723975	105.777558	2.078151	105.790707	
2010	194	1700	194.708333333		07/13/2010 17:00	207.07	2.90870	0.373	17.45	0.403	13.41	40.7220	105.7169264	105.770510	2.070751	105.783307	
2010	194	1800	194.750000000		07/13/2010 18:00	206.48	2.90041	0.373	17.44	0.403	13.3	40.7405	105.7113067	105.764890	2.064851	105.777406	
2010	194	1900	194.791666667		07/13/2010 19:00	205.98	2.89338	0.373	17.44	0.404	13.21	40.7561	105.7065441	105.760127	2.059851	105.772406	
2010	194	2000	194.833333333		07/13/2010 20:00	205.61	2.88819	0.373	17.46	0.404	13.15	40.7677	105.7030199	105.756603	2.056151	105.768706	
2010	194	2100	194.875000000		07/13/2010 21:00	205.4	2.88524	0.373	17.46	0.404	13.12	40.7742	105.7010196	105.754603	2.054051	105.766606	
2010	194	2200	194.916666667		07/13/2010 22:00	205.21	2.88257	0.374	17.46	0.404	13.09	40.7802	105.6992098	105.752793	2.052151	105.764706	
2010	194	2300	194.958333333		07/13/2010 23:00	205.22	2.88271	0.374	17.45	0.404	13.06	40.7798	105.6993051	105.752888	2.052251	105.764806	
2010	194	2400	195.000000000		07/14/2010 0:00	205.24	2.88299	0.374	17.43	0.404	13.05	40.7792	105.6994956	105.753079	2.052451	105.765006	
2010	195	100	195.041666667		07/14/2010 1:00	205.23	2.88285	0.373	17.46	0.404	13.03	40.7795	105.6994003	105.752984	2.052351	105.764906	
2010	195	200	195.083333333		07/14/2010 2:00	205.26	2.88327	0.374	17.47	0.404	13.02	40.7786	105.6996861	105.753269	2.052651	105.765206	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	195	300	195.125000000		07/14/2010 3:00	205.22	2.88271	0.374	17.46	0.404	13.01	40.7798	105.6993051	105.752888	2.052251	105.764806	
2010	195	400	195.166666667		07/14/2010 4:00	205.08	2.88074	0.374	17.45	0.405	13	40.7842	105.6979716	105.751555	2.050851	105.763406	
2010	195	500	195.208333333		07/14/2010 5:00	204.92	2.87849	0.374	17.44	0.405	12.99	40.7892	105.6964476	105.750031	2.049251	105.761806	
2010	195	600	195.250000000		07/14/2010 6:00	204.62	2.87428	0.374	17.46	0.405	13.7	40.7986	105.6935901	105.747173	2.046250	105.758806	
2010	195	700	195.291666667		07/14/2010 7:00	204.34	2.87035	0.374	17.46	0.404	13.65	40.8073	105.690923	105.744506	2.043450	105.756006	
2010	195	800	195.333333333		07/14/2010 8:00	203.98	2.86529	0.374	17.46	0.405	13.58	40.8186	105.687494	105.741077	2.039850	105.752406	
2010	195	900	195.375000000		07/14/2010 9:00	203.59	2.85981	0.374	17.46	0.404	13.5	40.8308	105.6837792	105.737363	2.035950	105.748506	
2010	195	1000	195.416666667		07/14/2010 10:00	203.16	2.85377	0.374	17.47	0.404	13.44	40.8442	105.6796835	105.733267	2.031650	105.744206	
2010	195	1100	195.458333333		07/14/2010 11:00	202.81	2.84886	0.374	17.46	0.405	13.39	40.8552	105.6763497	105.729933	2.028150	105.740706	
2010	195	1200	195.500000000		07/14/2010 12:00	202.36	2.84253	0.374	17.46	0.405	13.4	40.8692	105.6720634	105.725647	2.023650	105.736205	
2010	195	1300	195.541666667		07/14/2010 13:00	201.94	2.83663	0.374	17.47	0.404	13.35	40.8823	105.6680629	105.721646	2.019450	105.732005	
2010	195	1400	195.583333333		07/14/2010 14:00	201.57	2.83144	0.374	17.49	0.405	13.31	40.8939	105.6645386	105.718122	2.015750	105.728305	
2010	195	1500	195.625000000		07/14/2010 15:00	201.24	2.82680	0.374	17.46	0.405	13.28	40.9042	105.6613954	105.714979	2.012450	105.725005	
2010	195	1600	195.666666667		07/14/2010 16:00	200.85	2.82132	0.374	17.49	0.405	13.27	40.9164	105.6576806	105.711264	2.008550	105.721105	
2010	195	1700	195.708333333		07/14/2010 17:00	200.54	2.81697	0.374	17.48	0.405	13.28	40.9261	105.6547278	105.708311	2.005449	105.718005	
2010	195	1800	195.750000000		07/14/2010 18:00	200.26	2.81304	0.375	17.49	0.405	13.21	40.9348	105.6520608	105.705644	2.002649	105.715205	
2010	195	1900	195.791666667		07/14/2010 19:00	200.07	2.81037	0.375	17.47	0.405	13.12	40.9408	105.6502511	105.703834	2.000749	105.713305	
2010	195	2000	195.833333333		07/14/2010 20:00	200.01	2.80952	0.375	17.47	0.405	13.08	40.9427	105.6496796	105.703263	2.000149	105.712705	
2010	195	2100	195.875000000		07/14/2010 21:00	200.09	2.81065	0.375	17.46	0.405	13.06	40.9402	105.6504416	105.704025	2.000949	105.713505	
2010	195	2200	195.916666667		07/14/2010 22:00	200.26	2.81304	0.375	17.5	0.405	13.04	40.9348	105.6520608	105.705644	2.002649	105.715205	
2010	195	2300	195.958333333		07/14/2010 23:00	200.55	2.81711	0.375	17.49	0.405	13.02	40.9258	105.6548231	105.708406	2.005549	105.718105	
2010	195	2400	196.000000000		07/15/2010 0:00	200.88	2.82174	0.375	17.47	0.405	13.01	40.9155	105.6579664	105.711550	2.008850	105.721405	
2010	196	100	196.041666667		07/15/2010 1:00	201.31	2.82778	0.375	17.47	0.405	13.01	40.9020	105.6620621	105.715645	2.013150	105.725705	
2010	196	200	196.083333333		07/15/2010 2:00	201.64	2.83242	0.375	17.48	0.405	12.99	40.8917	105.6652054	105.718789	2.016450	105.729005	
2010	196	300	196.125000000		07/15/2010 3:00	202.03	2.83790	0.375	17.48	0.405	12.99	40.8795	105.6689202	105.722503	2.020350	105.732905	
2010	196	400	196.166666667		07/15/2010 4:00	202.4	2.84310	0.375	17.47	0.405	12.99	40.8680	105.6724444	105.726028	2.024050	105.736605	
2010	196	500	196.208333333		07/15/2010 5:00	202.74	2.84787	0.375	17.49	0.405	12.99	40.8573	105.675683	105.729266	2.027450	105.740006	
2010	196	600	196.250000000		07/15/2010 6:00	202.97	2.85110	0.374	17.48	0.405	13.61	40.8502	105.6778737	105.731457	2.029750	105.742306	
2010	196	700	196.291666667		07/15/2010 7:00	203.11	2.85307	0.375	17.48	0.405	13.57	40.8458	105.6792072	105.732790	2.031150	105.743706	
2010	196	800	196.333333333		07/15/2010 8:00	203.17	2.85391	0.374	17.5	0.405	13.49	40.8439	105.6797787	105.733362	2.031750	105.744306	
2010	196	900	196.375000000		07/15/2010 9:00	203.32	2.85602	0.374	17.48	0.405	13.4	40.8392	105.6812075	105.734791	2.033250	105.745806	
2010	196	1000	196.416666667		07/15/2010 10:00	203.44	2.85770	0.374	17.5	0.405	13.34	40.8355	105.6823505	105.735934	2.034450	105.747006	
2010	196	1100	196.458333333		07/15/2010 11:00	203.75	2.86206	0.374	17.47	0.404	13.28	40.8258	105.6853033	105.738887	2.037550	105.750106	
2010	196	1200	196.500000000		07/15/2010 12:00	204.05	2.86627	0.374	17.49	0.405	13.28	40.8164	105.6881608	105.741744	2.040550	105.753106	
2010	196	1300	196.541666667		07/15/2010 13:00	204.45	2.87189	0.374	17.48	0.404	13.23	40.8039	105.6919708	105.745554	2.044550	105.757106	
2010	196	1400	196.583333333		07/15/2010 14:00	204.84	2.87737	0.374	17.46	0.404	13.17	40.7917	105.6956856	105.749269	2.048451	105.761006	
2010	196	1500	196.625000000		07/15/2010 15:00	205.33	2.88425	0.374	17.48	0.404	13.14	40.7764	105.7003528	105.753936	2.053351	105.765906	
2010	196	1600	196.666666667		07/15/2010 16:00	205.77	2.89043	0.374	17.49	0.404	13.12	40.7627	105.7045439	105.758127	2.057751	105.770306	
2010	196	1700	196.708333333		07/15/2010 17:00	206.27	2.89746	0.374	17.48	0.404	13.12	40.7470	105.7093064	105.762890	2.062751	105.775306	
2010	196	1800	196.750000000		07/15/2010 18:00	206.62	2.90237	0.373	17.49	0.404	13.06	40.7361	105.7126402	105.766223	2.066251	105.778807	
2010	196	1900	196.791666667		07/15/2010 19:00	207.04	2.90827	0.373	17.51	0.403	13.03	40.7230	105.7166407	105.770224	2.070451	105.783007	
2010	196	2000	196.833333333		07/15/2010 20:00	207.44	2.91389	0.373	17.49	0.403	13.01	40.7105	105.7204507	105.774034	2.074451	105.787007	
2010	196	2100	196.875000000		07/15/2010 21:00	207.91	2.92049	0.373	17.5	0.403	13	40.6958	105.7249275	105.778511	2.079151	105.791707	
2010	196	2200	196.916666667		07/15/2010 22:00	208.32	2.92625	0.373	17.48	0.403	13	40.6830	105.7288327	105.782416	2.083251	105.795807	
2010	196	2300	196.958333333		07/15/2010 23:00	208.74	2.93215	0.373	17.48	0.403	12.99	40.6698	105.7328333	105.786417	2.087451	105.800007	
2010	196	2400	197.000000000		07/16/2010 0:00	209.19	2.93847	0.373	17.46	0.403	12.98	40.6558	105.7371195	105.790703	2.091952	105.804507	
2010	197	100	197.041666667		07/16/2010 1:00	209.68	2.94536	0.372	17.48	0.403	12.98	40.6405	105.7417868	105.795370	2.096852	105.809407	
2010	197	200	197.083333333		07/16/2010 2:00	210.15	2.95196	0.372	17.47	0.403	12.97	40.6258	105.7462636	105.799847	2.101552	105.814107	
2010	197	300	197.125000000		07/16/2010 3:00	210.62	2.95856	0.372	17.47	0.403	12.97	40.6111	105.7507404	105.804324	2.106252	105.818808	
2010	197	400	197.166666667		07/16/2010 4:00	210.96	2.96334	0.372	17.46	0.402	12.95	40.6005	105.7539789	105.807562	2.109652	105.822208	
2010	197	500	197.208333333		07/16/2010 5:00	211.24	2.96727	0.372	17.47	0.402	12.95	40.5917	105.7566459	105.810229	2.112452	105.825008	
2010	197	600	197.250000000		07/16/2010 6:00	211.48	2.97064	0.372	17.45	0.402	13.57	40.5842	105.7589319	105.812515	2.114852	105.827408	
2010	197	700	197.291666667		07/16/2010 7:00	211.65	2.97303	0.372	17.47	0.402	13.51	40.5789	105.7605512	105.814134	2.116552	105.829108	
2010	197	800	197.333333333		07/16/2010 8:00	211.68	2.97345	0.372	17.46	0.402	13.45	40.5780	105.7608369	105.814420	2.116852	105.829408	
2010	197	900	197.375000000		07/16/2010 9:00	211.83	2.97556	0.372	17.47	0.402	13.38	40.5733	105.7622657	105.815849	2.118352	105.830908	
2010	197	1000	197.416666667		07/16/2010 10:00	211.92	2.97682	0.372	17.45	0.402	13.33	40.5705	105.7631229	105.816706	2.119252	105.831808	
2010	197	1100	197.458333333		07/16/2010 11:00	212.04	2.97851	0.372	17.49	0.402	13.27	40.5667	105.7642659	105.817849	2.120452	105.833008	
2010	197	1200	197.500000000		07/16/2010 12:00	212.25	2.98146	0.371	17.45	0.402	13.27	40.5602	105.7662662	105.819849	2.122552	105.835108	
2010	197	1300	197.541666667		07/16/2010 13:00	212.44	2.98413	0.371	17.44	0.402	13.23	40.5542	105.768076	105.821659	2.124452	105.837008	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	197	1400	197.583333333		07/16/2010 14:00	212.69	2.98764	0.371	17.46	0.402	13.18	40.5464	105.7704572	105.824040	2.126952	105.839508	
2010	197	1500	197.625000000		07/16/2010 15:00	212.9	2.99059	0.372	17.43	0.402	13.16	40.5398	105.7724575	105.826041	2.129053	105.841608	
2010	197	1600	197.666666667		07/16/2010 16:00	213.12	2.99368	0.371	17.46	0.402	13.15	40.5330	105.774553	105.828136	2.131253	105.843808	
2010	197	1700	197.708333333		07/16/2010 17:00	213.45	2.99831	0.371	17.44	0.402	13.15	40.5227	105.7776963	105.831280	2.134553	105.847108	
2010	197	1800	197.750000000		07/16/2010 18:00	213.86	3.00407	0.371	17.44	0.402	13.08	40.5098	105.7816015	105.835185	2.138653	105.851208	
2010	197	1900	197.791666667		07/16/2010 19:00	214.04	3.00660	0.371	17.48	0.402	13.04	40.5042	105.7833161	105.836899	2.140453	105.853008	
2010	197	2000	197.833333333		07/16/2010 20:00	214.23	3.00927	0.371	17.45	0.401	13.02	40.4983	105.7851258	105.838709	2.142353	105.854908	
2010	197	2100	197.875000000		07/16/2010 21:00	214.55	3.01377	0.371	17.45	0.401	13	40.4883	105.7881738	105.841757	2.145553	105.858108	
2010	197	2200	197.916666667		07/16/2010 22:00	214.86	3.01812	0.371	17.46	0.401	12.98	40.4786	105.7911266	105.844710	2.148653	105.861209	
2010	197	2300	197.958333333		07/16/2010 23:00	215.06	3.02093	0.371	17.44	0.401	12.98	40.4723	105.7930316	105.846615	2.150653	105.863209	
2010	197	2400	198.000000000		07/17/2010 0:00	215.18	3.02262	0.371	17.45	0.401	12.96	40.4686	105.7941746	105.847758	2.151853	105.864409	
2010	198	100	198.041666667		07/17/2010 1:00	215.16	3.02233	0.371	17.45	0.401	12.96	40.4692	105.7939841	105.847567	2.151653	105.864209	
2010	198	200	198.083333333		07/17/2010 2:00	214.98	3.01981	0.371	17.44	0.401	12.96	40.4748	105.7922696	105.845853	2.149853	105.862409	
2010	198	300	198.125000000		07/17/2010 3:00	214.67	3.01545	0.371	17.44	0.401	12.95	40.4845	105.7893168	105.842900	2.146753	105.859309	
2010	198	400	198.166666667		07/17/2010 4:00	214.22	3.00913	0.371	17.46	0.401	12.94	40.4986	105.7850306	105.838614	2.142253	105.854808	
2010	198	500	198.208333333		07/17/2010 5:00	213.74	3.00239	0.371	17.45	0.401	12.94	40.5136	105.7804585	105.834042	2.137453	105.850008	
2010	198	600	198.250000000		07/17/2010 6:00	213.12	2.99368	0.371	17.45	0.401	13.61	40.5330	105.774553	105.828136	2.131253	105.843808	
2010	198	700	198.291666667		07/17/2010 7:00	212.56	2.98581	0.371	17.45	0.401	13.55	40.5505	105.769219	105.822802	2.125652	105.838208	
2010	198	800	198.333333333		07/17/2010 8:00	211.96	2.97738	0.37	17.45	0.401	13.48	40.5692	105.7635039	105.817087	2.119652	105.832208	
2010	198	900	198.375000000		07/17/2010 9:00	211.33	2.96853	0.37	17.45	0.401	13.41	40.5889	105.7575032	105.811086	2.113352	105.825908	
2010	198	1000	198.416666667		07/17/2010 10:00	210.75	2.96039	0.37	17.46	0.401	13.35	40.6070	105.7519786	105.805562	2.107552	105.820108	
2010	198	1100	198.458333333		07/17/2010 11:00	210.27	2.95365	0.37	17.46	0.4	13.32	40.6220	105.7474066	105.800990	2.102752	105.815307	
2010	198	1200	198.500000000		07/17/2010 12:00	209.85	2.94775	0.37	17.45	0.401	13.33	40.6352	105.7434061	105.796989	2.098552	105.811107	
2010	198	1300	198.541666667		07/17/2010 13:00	209.47	2.94241	0.37	17.44	0.4	13.29	40.6470	105.7397866	105.793370	2.094752	105.807307	
2010	198	1400	198.583333333		07/17/2010 14:00	209.14	2.93777	0.37	17.44	0.401	13.23	40.6573	105.7366433	105.790227	2.091452	105.804007	
2010	198	1500	198.625000000		07/17/2010 15:00	208.92	2.93468	0.37	17.44	0.401	13.2	40.6642	105.7345478	105.788131	2.089252	105.801807	
2010	198	1600	198.666666667		07/17/2010 16:00	208.64	2.93075	0.37	17.44	0.401	13.21	40.6730	105.7318808	105.785464	2.086451	105.799007	
2010	198	1700	198.708333333		07/17/2010 17:00	208.37	2.92696	0.37	17.47	0.4	13.22	40.6814	105.729309	105.782892	2.083751	105.796307	
2010	198	1800	198.750000000		07/17/2010 18:00	208	2.92176	0.37	17.47	0.4	13.15	40.6930	105.7257847	105.779368	2.080051	105.792607	
2010	198	1900	198.791666667		07/17/2010 19:00	207.64	2.91670	0.37	17.47	0.401	13.08	40.7042	105.7223557	105.775939	2.076451	105.789007	
2010	198	2000	198.833333333		07/17/2010 20:00	207.2	2.91052	0.37	17.44	0.4	13.04	40.7180	105.7181647	105.771748	2.072051	105.784607	
2010	198	2100	198.875000000		07/17/2010 21:00	206.79	2.90476	0.37	17.44	0.4	13.02	40.7308	105.7142594	105.767843	2.067951	105.780507	
2010	198	2200	198.916666667		07/17/2010 22:00	206.46	2.90013	0.37	17.43	0.4	13.01	40.7411	105.7111161	105.764699	2.064651	105.777206	
2010	198	2300	198.958333333		07/17/2010 23:00	206.18	2.89619	0.37	17.45	0.401	13	40.7498	105.7084491	105.762032	2.061851	105.774406	
2010	198	2400	199.000000000		07/18/2010 0:00	206.06	2.89451	0.37	17.43	0.4	12.99	40.7536	105.7073061	105.760889	2.060651	105.773206	
2010	199	100	199.041666667		07/18/2010 1:00	205.88	2.89198	0.37	17.43	0.4	12.98	40.7592	105.7055916	105.759175	2.058851	105.771406	
2010	199	200	199.083333333		07/18/2010 2:00	205.82	2.89114	0.37	17.42	0.4	12.96	40.7611	105.7050201	105.758603	2.058251	105.770806	
2010	199	300	199.125000000		07/18/2010 3:00	205.7	2.88945	0.37	17.43	0.4	12.95	40.7648	105.7038771	105.757460	2.057051	105.769606	
2010	199	400	199.166666667		07/18/2010 4:00	205.58	2.88777	0.37	17.46	0.4	12.95	40.7686	105.7027341	105.756317	2.055851	105.768406	
2010	199	500	199.208333333		07/18/2010 5:00	205.32	2.88411	0.37	17.43	0.4	12.94	40.7767	105.7002576	105.753841	2.053251	105.765806	
2010	199	600	199.250000000		07/18/2010 6:00	205.1	2.88102	0.37	17.45	0.4	13.62	40.7836	105.6981621	105.751745	2.051051	105.763606	
2010	199	700	199.291666667		07/18/2010 7:00	204.78	2.87653	0.37	17.46	0.4	13.57	40.7936	105.6951141	105.748697	2.047851	105.760406	
2010	199	800	199.333333333		07/18/2010 8:00	204.4	2.87119	0.37	17.45	0.4	13.5	40.8055	105.6914945	105.745078	2.044050	105.756606	
2010	199	900	199.375000000		07/18/2010 9:00	204	2.86557	0.37	17.45	0.4	13.43	40.8180	105.6876845	105.741268	2.040050	105.752606	
2010	199	1000	199.416666667		07/18/2010 10:00	203.68	2.86108	0.37	17.44	0.4	13.37	40.8280	105.6846365	105.738220	2.036850	105.749406	
2010	199	1100	199.458333333		07/18/2010 11:00	203.31	2.85588	0.37	17.45	0.4	13.33	40.8395	105.6811122	105.734695	2.033150	105.745706	
2010	199	1200	199.500000000		07/18/2010 12:00	203.18	2.85405	0.369	17.45	0.4	13.32	40.8436	105.679874	105.733457	2.031850	105.744406	
2010	199	1300	199.541666667		07/18/2010 13:00	202.94	2.85068	0.369	17.46	0.4	13.29	40.8511	105.677588	105.731171	2.029450	105.742006	
2010	199	1400	199.583333333		07/18/2010 14:00	202.87	2.84970	0.37	17.45	0.4	13.23	40.8533	105.6769212	105.730504	2.028750	105.741306	
2010	199	1500	199.625000000		07/18/2010 15:00	203.05	2.85223	0.369	17.44	0.4	13.21	40.8477	105.6786357	105.732219	2.030550	105.743106	
2010	199	1600	199.666666667		07/18/2010 16:00	203.22	2.85461	0.37	17.45	0.4	13.21	40.8423	105.680255	105.733838	2.032250	105.744806	
2010	199	1700	199.708333333		07/18/2010 17:00	203.47	2.85813	0.369	17.44	0.4	13.21	40.8345	105.6826362	105.736219	2.034750	105.747306	
2010	199	1800	199.750000000		07/18/2010 18:00	203.72	2.86164	0.37	17.47	0.4	13.14	40.8267	105.6850175	105.738601	2.037250	105.749806	
2010	199	1900	199.791666667		07/18/2010 19:00	203.98	2.86529	0.37	17.47	0.4	13.07	40.8186	105.687494	105.741077	2.039850	105.752406	
2010	199	2000	199.833333333		07/18/2010 20:00	204.21	2.86852	0.369	17.45	0.4	13.04	40.8114	105.6896848	105.743268	2.042150	105.754706	
2010	199	2100	199.875000000		07/18/2010 21:00	204.52	2.87288	0.369	17.45	0.4	13.02	40.8017	105.6926375	105.746221	2.045250	105.757806	
2010	199	2200	199.916666667		07/18/2010 22:00	204.71	2.87554	0.369	17.44	0.399	13.01	40.7958	105.6944473	105.748031	2.047150	105.759706	
2010	199	2300	199.958333333		07/18/2010 23:00	204.96	2.87906	0.369	17.46	0.399	12.99	40.7880	105.6968286	105.750412	2.049651	105.762206	
2010	199	2400	200.000000000		07/19/2010 0:00	205.28	2.88355	0.369	17.44	0.399	12.98	40.7780	105.6998766	105.753460	2.052851	105.765406	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	200	100	200.041666667		07/19/2010 1:00	205.47	2.88622	0.369	17.46	0.399	12.97	40.7720	105.7016863	105.755270	2.054751	105.767306	
2010	200	200	200.083333333		07/19/2010 2:00	205.7	2.88945	0.369	17.45	0.399	12.96	40.7648	105.7038771	105.757460	2.057051	105.769606	
2010	200	300	200.125000000		07/19/2010 3:00	205.85	2.89156	0.369	17.45	0.399	12.95	40.7602	105.7053059	105.758889	2.058551	105.771106	
2010	200	400	200.166666667		07/19/2010 4:00	206	2.89366	0.369	17.45	0.399	12.94	40.7555	105.7067346	105.760318	2.060051	105.772606	
2010	200	500	200.208333333		07/19/2010 5:00	206.18	2.89619	0.369	17.46	0.399	12.93	40.7498	105.7084491	105.762032	2.061851	105.774406	
2010	200	600	200.250000000		07/19/2010 6:00	206.38	2.89900	0.369	17.44	0.399	13.66	40.7436	105.7103541	105.763937	2.063851	105.776406	
2010	200	700	200.291666667		07/19/2010 7:00	206.55	2.90139	0.369	17.46	0.399	13.59	40.7383	105.7119734	105.765557	2.065551	105.778107	
2010	200	800	200.333333333		07/19/2010 8:00	206.79	2.90476	0.368	17.45	0.399	13.5	40.7308	105.7142594	105.767843	2.067951	105.780507	
2010	200	900	200.375000000		07/19/2010 9:00	207.05	2.90841	0.368	17.45	0.398	13.44	40.7227	105.7167359	105.770319	2.070551	105.783107	
2010	200	1000	200.416666667		07/19/2010 10:00	207.01	2.90785	0.368	17.45	0.398	13.37	40.7239	105.7163549	105.769938	2.070151	105.782707	
2010	200	1100	200.458333333		07/19/2010 11:00	207.11	2.90926	0.368	17.44	0.398	13.33	40.7208	105.7173074	105.770891	2.071151	105.783707	
2010	200	1200	200.500000000		07/19/2010 12:00	207.01	2.90785	0.368	17.44	0.398	13.33	40.7239	105.7163549	105.769938	2.070151	105.782707	
2010	200	1300	200.541666667		07/19/2010 13:00	206.61	2.90223	0.368	17.45	0.398	13.29	40.7364	105.7125449	105.766128	2.066151	105.778707	
2010	200	1400	200.583333333		07/19/2010 14:00	206.16	2.89591	0.368	17.45	0.398	13.25	40.7505	105.7082586	105.761842	2.061651	105.774206	
2010	200	1500	200.625000000		07/19/2010 15:00	205.64	2.88861	0.368	17.43	0.398	13.23	40.7667	105.7033056	105.756889	2.056451	105.769006	
2010	200	1600	200.666666667		07/19/2010 16:00	205.1	2.88102	0.368	17.45	0.398	13.23	40.7836	105.6981621	105.751745	2.051051	105.763606	
2010	200	1700	200.708333333		07/19/2010 17:00	204.53	2.87302	0.368	17.45	0.398	13.24	40.8014	105.6927328	105.746316	2.045350	105.757906	
2010	200	1800	200.750000000		07/19/2010 18:00	203.96	2.86501	0.368	17.43	0.398	13.17	40.8192	105.6873035	105.740887	2.039650	105.752206	
2010	200	1900	200.791666667		07/19/2010 19:00	203.44	2.85770	0.368	17.43	0.398	13.09	40.8355	105.6823505	105.735934	2.034450	105.747006	
2010	200	2000	200.833333333		07/19/2010 20:00	202.97	2.85110	0.368	17.43	0.398	13.06	40.8502	105.6778737	105.731457	2.029750	105.742306	
2010	200	2100	200.875000000		07/19/2010 21:00	202.61	2.84605	0.368	17.44	0.398	13.03	40.8614	105.6744447	105.728028	2.026150	105.738706	
2010	200	2200	200.916666667		07/19/2010 22:00	202.38	2.84282	0.368	17.44	0.398	13.01	40.8686	105.6722539	105.725837	2.023850	105.736405	
2010	200	2300	200.958333333		07/19/2010 23:00	202.29	2.84155	0.368	17.44	0.398	13	40.8714	105.6713967	105.724980	2.022950	105.735505	
2010	200	2400	201.000000000		07/20/2010 0:00	202.4	2.84310	0.368	17.44	0.398	12.99	40.8680	105.6724444	105.726028	2.024050	105.736605	
2010	201	100	201.041666667		07/20/2010 1:00	202.49	2.84436	0.368	17.44	0.398	12.98	40.8652	105.6733017	105.726885	2.024950	105.737506	
2010	201	200	201.083333333		07/20/2010 2:00	202.67	2.84689	0.368	17.44	0.398	12.97	40.8595	105.6750162	105.728599	2.026750	105.739306	
2010	201	300	201.125000000		07/20/2010 3:00	202.81	2.84886	0.368	17.42	0.398	12.96	40.8552	105.6763497	105.729933	2.028150	105.740706	
2010	201	400	201.166666667		07/20/2010 4:00	202.86	2.84956	0.368	17.45	0.398	12.95	40.8536	105.676826	105.730409	2.028650	105.741206	
2010	201	500	201.208333333		07/20/2010 5:00	202.65	2.84661	0.368	17.45	0.398	12.94	40.8602	105.6748257	105.728409	2.026550	105.739106	
2010	201	600	201.250000000		07/20/2010 6:00	202.44	2.84366	0.367	17.45	0.397	13.64	40.8667	105.6728254	105.726409	2.024450	105.737005	
2010	201	700	201.291666667		07/20/2010 7:00	202.14	2.83944	0.368	17.45	0.398	13.58	40.8761	105.6699679	105.723551	2.021450	105.734005	
2010	201	800	201.333333333		07/20/2010 8:00	201.71	2.83340	0.368	17.45	0.398	13.51	40.8895	105.6658721	105.719455	2.017150	105.729705	
2010	201	900	201.375000000		07/20/2010 9:00	201.42	2.82933	0.368	17.44	0.398	13.42	40.8986	105.6631099	105.716693	2.014250	105.726805	
2010	201	1000	201.416666667		07/20/2010 10:00	200.94	2.82259	0.367	17.45	0.397	13.35	40.9136	105.6585379	105.712121	2.009450	105.722005	
2010	201	1100	201.458333333		07/20/2010 11:00	200.39	2.81486	0.367	17.45	0.397	13.31	40.9308	105.6532991	105.706882	2.003949	105.716505	
2010	201	1200	201.500000000		07/20/2010 12:00	199.56	2.80320	0.367	17.44	0.397	13.29	40.9567	105.6453933	105.698977	1.995649	105.708205	
2010	201	1300	201.541666667		07/20/2010 13:00	199.15	2.79744	0.367	17.44	0.397	13.25	40.9695	105.641488	105.695071	1.991549	105.704105	
2010	201	1400	201.583333333		07/20/2010 14:00	198.51	2.78845	0.367	17.47	0.397	13.19	40.9895	105.635392	105.688975	1.985149	105.697705	
2010	201	1500	201.625000000		07/20/2010 15:00	197.86	2.77932	0.367	17.45	0.397	13.17	41.0098	105.6292007	105.682784	1.978649	105.691204	
2010	201	1600	201.666666667		07/20/2010 16:00	197.26	2.77089	0.367	17.48	0.397	13.17	41.0286	105.6234857	105.677069	1.972649	105.685204	
2010	201	1700	201.708333333		07/20/2010 17:00	196.75	2.76373	0.367	17.47	0.397	13.18	41.0445	105.6186279	105.672211	1.967549	105.680104	
2010	201	1800	201.750000000		07/20/2010 18:00	196.18	2.75572	0.367	17.45	0.397	13.15	41.0623	105.6131986	105.666782	1.961848	105.674404	
2010	201	1900	201.791666667		07/20/2010 19:00	195.73	2.74940	0.367	17.45	0.397	13.06	41.0764	105.6089123	105.662496	1.957348	105.669904	
2010	201	2000	201.833333333		07/20/2010 20:00	195.29	2.74322	0.367	17.45	0.397	13.02	41.0902	105.6047213	105.658305	1.952948	105.665504	
2010	201	2100	201.875000000		07/20/2010 21:00	194.93	2.73817	0.367	17.46	0.397	13.02	41.1014	105.6012923	105.654876	1.949348	105.661904	
2010	201	2200	201.916666667		07/20/2010 22:00	194.59	2.73339	0.368	17.46	0.398	13	41.1120	105.5980538	105.651637	1.945948	105.658504	
2010	201	2300	201.958333333		07/20/2010 23:00	194.28	2.72903	0.368	17.44	0.398	12.98	41.1217	105.595101	105.648684	1.942848	105.655403	
2010	201	2400	202.000000000		07/21/2010 0:00	194.03	2.72552	0.368	17.47	0.398	12.97	41.1295	105.5927197	105.646303	1.940348	105.652903	
2010	202	100	202.041666667		07/21/2010 1:00	193.72	2.72117	0.368	17.45	0.398	12.96	41.1392	105.589767	105.643350	1.937248	105.649803	
2010	202	200	202.083333333		07/21/2010 2:00	193.46	2.71752	0.368	17.46	0.398	12.96	41.1473	105.5872905	105.640874	1.934648	105.647203	
2010	202	300	202.125000000		07/21/2010 3:00	193.11	2.71260	0.368	17.44	0.398	12.95	41.1583	105.5839567	105.637540	1.931148	105.643703	
2010	202	400	202.166666667		07/21/2010 4:00	192.76	2.70768	0.368	17.46	0.398	12.95	41.1692	105.5806229	105.634206	1.927648	105.640203	
2010	202	500	202.208333333		07/21/2010 5:00	192.4	2.70263	0.368	17.45	0.398	12.94	41.1805	105.5771939	105.630777	1.924047	105.636603	
2010	202	600	202.250000000		07/21/2010 6:00	191.92	2.69588	0.368	17.46	0.398	13.55	41.1955	105.5726219	105.626205	1.919247	105.631803	
2010	202	700	202.291666667		07/21/2010 7:00	191.46	2.68942	0.368	17.46	0.398	13.51	41.2098	105.5682403	105.621824	1.914647	105.627203	
2010	202	800	202.333333333		07/21/2010 8:00	191	2.68296	0.368	17.47	0.398	13.43	41.2242	105.5638588	105.617442	1.910047	105.622603	
2010	202	900	202.375000000		07/21/2010 9:00	190.64	2.67790	0.368	17.46	0.398	13.35	41.2355	105.5604298	105.614013	1.906447	105.619003	
2010	202	1000	202.416666667		07/21/2010 10:00	190.01	2.66905	0.368	17.45	0.399	13.29	41.2552	105.554429	105.608012	1.900147	105.612702	
2010	202	1100	202.458333333		07/21/2010 11:00	189.47	2.66147	0.368	17.49	0.398	13.27	41.2720	105.5492855	105.602869	1.894747	105.607302	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	202	1200	202.500000000		07/21/2010 12:00	188.98	2.65459	0.369	17.49	0.398	13.25	41.2873	105.5446182	105.598201	1.889847	105.602402	
2010	202	1300	202.541666667		07/21/2010 13:00	188.53	2.64827	0.369	17.47	0.399	13.22	41.3014	105.5403319	105.593915	1.885346	105.597902	
2010	202	1400	202.583333333		07/21/2010 14:00	188.19	2.64349	0.369	17.5	0.399	13.18	41.3120	105.5370934	105.590677	1.881946	105.594502	
2010	202	1500	202.625000000		07/21/2010 15:00	187.84	2.63857	0.369	17.46	0.399	13.15	41.3230	105.5337597	105.587343	1.878446	105.591002	
2010	202	1600	202.666666667		07/21/2010 16:00	187.55	2.63450	0.369	17.49	0.399	13.15	41.3320	105.5309974	105.584581	1.875546	105.588102	
2010	202	1700	202.708333333		07/21/2010 17:00	187.28	2.63071	0.369	17.43	0.399	13.17	41.3405	105.5284256	105.582009	1.872846	105.585402	
2010	202	1800	202.750000000		07/21/2010 18:00	187.07	2.62776	0.369	17.51	0.399	13.09	41.3470	105.5264254	105.580009	1.870746	105.583302	
2010	202	1900	202.791666667		07/21/2010 19:00	186.87	2.62495	0.37	17.48	0.4	13.04	41.3533	105.5245204	105.578104	1.868746	105.581302	
2010	202	2000	202.833333333		07/21/2010 20:00	186.65	2.62186	0.369	17.49	0.399	13.01	41.3602	105.5224248	105.576008	1.866546	105.579102	
2010	202	2100	202.875000000		07/21/2010 21:00	186.53	2.62017	0.37	17.48	0.4	13	41.3639	105.5212818	105.574865	1.865346	105.577902	
2010	202	2200	202.916666667		07/21/2010 22:00	186.51	2.61989	0.37	17.46	0.4	12.98	41.3645	105.5210913	105.574675	1.865146	105.577702	
2010	202	2300	202.958333333		07/21/2010 23:00	186.54	2.62031	0.37	17.48	0.4	12.97	41.3636	105.5213771	105.574960	1.865446	105.578002	
2010	202	2400	203.000000000		07/22/2010 0:00	186.6	2.62115	0.37	17.48	0.4	12.97	41.3617	105.5219486	105.575532	1.866046	105.578602	
2010	203	100	203.041666667		07/22/2010 1:00	186.69	2.62242	0.37	17.48	0.4	12.96	41.3589	105.5228058	105.576389	1.866946	105.579502	
2010	203	200	203.083333333		07/22/2010 2:00	186.83	2.62439	0.37	17.47	0.4	12.95	41.3545	105.5241393	105.577723	1.868346	105.580902	
2010	203	300	203.125000000		07/22/2010 3:00	186.98	2.62649	0.37	17.47	0.401	12.95	41.3498	105.5255681	105.579151	1.869846	105.582402	
2010	203	400	203.166666667		07/22/2010 4:00	186.95	2.62607	0.37	17.49	0.401	12.94	41.3508	105.5252824	105.578866	1.869546	105.582102	
2010	203	500	203.208333333		07/22/2010 5:00	187	2.62677	0.37	17.48	0.401	12.94	41.3492	105.5257586	105.579342	1.870046	105.582602	
2010	203	600	203.250000000		07/22/2010 6:00	187.07	2.62776	0.37	17.45	0.401	13.24	41.3470	105.5264254	105.580009	1.870746	105.583302	
2010	203	700	203.291666667		07/22/2010 7:00	186.88	2.62509	0.37	17.49	0.4	13.5	41.3530	105.5246156	105.578199	1.868846	105.581402	
2010	203	800	203.333333333		07/22/2010 8:00	186.73	2.62298	0.37	17.51	0.4	13.41	41.3577	105.5231868	105.576770	1.867346	105.579902	
2010	203	900	203.375000000		07/22/2010 9:00	186.61	2.62130	0.37	17.5	0.4	13.35	41.3614	105.5220438	105.575627	1.866146	105.578702	
2010	203	1000	203.416666667		07/22/2010 10:00	186.45	2.61905	0.37	17.51	0.4	13.32	41.3664	105.5205198	105.574103	1.864546	105.577102	
2010	203	1100	203.458333333		07/22/2010 11:00	186.21	2.61568	0.37	17.49	0.4	13.29	41.3739	105.5182338	105.571817	1.862146	105.574701	
2010	203	1200	203.500000000		07/22/2010 12:00	186.19	2.61540	0.37	17.51	0.4	13.28	41.3745	105.5180433	105.571627	1.861946	105.574501	
2010	203	1300	203.541666667		07/22/2010 13:00	186.11	2.61427	0.37	17.51	0.4	13.24	41.3770	105.5172813	105.570865	1.861146	105.573701	
2010	203	1400	203.583333333		07/22/2010 14:00	186.11	2.61427	0.37	17.51	0.4	13.21	41.3770	105.5172813	105.570865	1.861146	105.573701	
2010	203	1500	203.625000000		07/22/2010 15:00	186.44	2.61891	0.37	17.51	0.4	13.2	41.3667	105.5204246	105.574008	1.864446	105.577002	
2010	203	1600	203.666666667		07/22/2010 16:00	186.74	2.62312	0.37	17.53	0.4	13.21	41.3573	105.5232821	105.576865	1.867446	105.580002	
2010	203	1700	203.708333333		07/22/2010 17:00	187.01	2.62691	0.37	17.52	0.4	13.24	41.3489	105.5258539	105.579437	1.870146	105.582702	
2010	203	1800	203.750000000		07/22/2010 18:00	187.33	2.63141	0.37	17.52	0.4	13.27	41.3389	105.5289019	105.582485	1.873346	105.585902	
2010	203	1900	203.791666667		07/22/2010 19:00	187.73	2.63703	0.37	17.51	0.4	13.13	41.3264	105.5327119	105.586295	1.877346	105.589902	
2010	203	2000	203.833333333		07/22/2010 20:00	188.15	2.64293	0.37	17.51	0.4	13.08	41.3133	105.5367124	105.590296	1.881546	105.594102	
2010	203	2100	203.875000000		07/22/2010 21:00	188.5	2.64784	0.37	17.51	0.4	13.04	41.3023	105.5400462	105.593629	1.885046	105.597602	
2010	203	2200	203.916666667		07/22/2010 22:00	188.9	2.65346	0.37	17.51	0.4	13.02	41.2898	105.5438562	105.597439	1.889047	105.601602	
2010	203	2300	203.958333333		07/22/2010 23:00	189.25	2.65838	0.37	17.49	0.4	13.01	41.2789	105.54719	105.600773	1.892547	105.605102	
2010	203	2400	204.000000000		07/23/2010 0:00	189.67	2.66428	0.37	17.51	0.4	13	41.2658	105.5511905	105.604774	1.896747	105.609302	
2010	204	100	204.041666667		07/23/2010 1:00	189.9	2.66751	0.37	17.51	0.4	12.99	41.2586	105.5533813	105.606965	1.899047	105.611602	
2010	204	200	204.083333333		07/23/2010 2:00	190.22	2.67200	0.37	17.51	0.4	12.97	41.2486	105.5564293	105.610013	1.902247	105.614802	
2010	204	300	204.125000000		07/23/2010 3:00	190.62	2.67762	0.37	17.52	0.4	12.97	41.2361	105.5602393	105.613823	1.906247	105.618803	
2010	204	400	204.166666667		07/23/2010 4:00	190.97	2.68254	0.37	17.52	0.4	12.95	41.2252	105.5635731	105.617156	1.909747	105.622303	
2010	204	500	204.208333333		07/23/2010 5:00	191.33	2.68760	0.369	17.52	0.399	12.95	41.2139	105.5670021	105.620585	1.913347	105.625903	
2010	204	600	204.250000000		07/23/2010 6:00	191.71	2.69293	0.369	17.52	0.399	13.65	41.2020	105.5706216	105.624205	1.917147	105.629703	
2010	204	700	204.291666667		07/23/2010 7:00	191.99	2.69687	0.369	17.5	0.399	13.6	41.1933	105.5732886	105.626872	1.919947	105.632503	
2010	204	800	204.333333333		07/23/2010 8:00	192.25	2.70052	0.369	17.5	0.399	13.5	41.1852	105.5757651	105.629348	1.922547	105.635103	
2010	204	900	204.375000000		07/23/2010 9:00	192.54	2.70459	0.369	17.52	0.399	13.43	41.1761	105.5785274	105.632111	1.925447	105.638003	
2010	204	1000	204.416666667		07/23/2010 10:00	192.71	2.70698	0.369	17.49	0.399	13.38	41.1708	105.5801467	105.633730	1.927148	105.639703	
2010	204	1100	204.458333333		07/23/2010 11:00	192.88	2.70937	0.369	17.52	0.399	13.35	41.1655	105.5817659	105.635349	1.928848	105.641403	
2010	204	1200	204.500000000		07/23/2010 12:00	193.11	2.71260	0.369	17.51	0.399	13.35	41.1583	105.5839567	105.637540	1.931148	105.643703	
2010	204	1300	204.541666667		07/23/2010 13:00	193.26	2.71471	0.369	17.52	0.399	13.32	41.1536	105.5853854	105.638969	1.932648	105.645203	
2010	204	1400	204.583333333		07/23/2010 14:00	193.5	2.71808	0.369	17.53	0.399	13.26	41.1461	105.5876715	105.641255	1.935048	105.647603	
2010	204	1500	204.625000000		07/23/2010 15:00	193.72	2.72117	0.369	17.52	0.398	13.24	41.1392	105.589767	105.643350	1.937248	105.649803	
2010	204	1600	204.666666667		07/23/2010 16:00	193.9	2.72370	0.369	17.52	0.398	13.24	41.1336	105.5914815	105.645065	1.939048	105.651603	
2010	204	1700	204.708333333		07/23/2010 17:00	194.11	2.72665	0.369	17.53	0.398	13.24	41.1270	105.5934817	105.647065	1.941148	105.653703	
2010	204	1800	204.750000000		07/23/2010 18:00	194.27	2.72889	0.369	17.51	0.398	13.17	41.1220	105.5950057	105.648589	1.942748	105.655303	
2010	204	1900	204.791666667		07/23/2010 19:00	194.33	2.72974	0.368	17.54	0.398	13.08	41.1202	105.5955773	105.649161	1.943348	105.655903	
2010	204	2000	204.833333333		07/23/2010 20:00	194.27	2.72889	0.368	17.52	0.398	13.06	41.1220	105.5950057	105.648589	1.942748	105.655303	
2010	204	2100	204.875000000		07/23/2010 21:00	194.18	2.72763	0.368	17.51	0.398	13.03	41.1248	105.5941485	105.647732	1.941848	105.654403	
2010	204	2200	204.916666667		07/23/2010 22:00	194.02	2.72538	0.368	17.52	0.398	13.02	41.1298	105.5926245	105.646208	1.940248	105.652803	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	204	2300	204.958333333		07/23/2010 23:00	193.8	2.72229	0.368	17.5	0.398	13	41.1367	105.590529	105.644112	1.938048	105.650603	
2010	204	2400	205.000000000		07/24/2010 0:00	193.58	2.71920	0.368	17.51	0.398	12.99	41.1436	105.5884335	105.642017	1.935848	105.648403	
2010	205	100	205.041666667		07/24/2010 1:00	193.41	2.71681	0.368	17.5	0.398	12.97	41.1489	105.5868142	105.640397	1.934148	105.646703	
2010	205	200	205.083333333		07/24/2010 2:00	193.37	2.71625	0.368	17.51	0.398	12.97	41.1502	105.5864332	105.640016	1.933748	105.646303	
2010	205	300	205.125000000		07/24/2010 3:00	193.45	2.71738	0.368	17.51	0.398	12.96	41.1477	105.5871952	105.640778	1.934548	105.647103	
2010	205	400	205.166666667		07/24/2010 4:00	193.55	2.71878	0.368	17.5	0.398	12.95	41.1445	105.5881477	105.641731	1.935548	105.648103	
2010	205	500	205.208333333		07/24/2010 5:00	193.65	2.72019	0.368	17.5	0.398	12.95	41.1414	105.5891002	105.642683	1.936548	105.649103	
2010	205	600	205.250000000		07/24/2010 6:00	193.74	2.72145	0.368	17.5	0.398	13.62	41.1386	105.5899575	105.643541	1.937448	105.650003	
2010	205	700	205.291666667		07/24/2010 7:00	193.72	2.72117	0.368	17.5	0.398	13.57	41.1392	105.589767	105.643350	1.937248	105.649803	
2010	205	800	205.333333333		07/24/2010 8:00	193.55	2.71878	0.368	17.5	0.397	13.49	41.1445	105.5881477	105.641731	1.935548	105.648103	
2010	205	900	205.375000000		07/24/2010 9:00	193.31	2.71541	0.368	17.5	0.398	13.41	41.1520	105.5858617	105.639445	1.933148	105.645703	
2010	205	1000	205.416666667		07/24/2010 10:00	193.01	2.71120	0.367	17.52	0.397	13.33	41.1614	105.5830042	105.636587	1.930148	105.642703	
2010	205	1100	205.458333333		07/24/2010 11:00	192.67	2.70642	0.368	17.49	0.397	13.28	41.1720	105.5797657	105.633349	1.926748	105.639303	
2010	205	1200	205.500000000		07/24/2010 12:00	192.28	2.70094	0.368	17.5	0.397	13.28	41.1842	105.5760509	105.629634	1.922847	105.635403	
2010	205	1300	205.541666667		07/24/2010 13:00	191.91	2.69574	0.367	17.53	0.397	13.23	41.1958	105.5725266	105.626110	1.919147	105.631703	
2010	205	1400	205.583333333		07/24/2010 14:00	191.48	2.68970	0.367	17.49	0.397	13.18	41.2092	105.5684308	105.622014	1.914847	105.627403	
2010	205	1500	205.625000000		07/24/2010 15:00	191.06	2.68380	0.367	17.53	0.397	13.15	41.2223	105.5644303	105.618014	1.910647	105.623203	
2010	205	1600	205.666666667		07/24/2010 16:00	190.67	2.67833	0.367	17.49	0.397	13.14	41.2345	105.5607156	105.614299	1.906747	105.619303	
2010	205	1700	205.708333333		07/24/2010 17:00	190.32	2.67341	0.367	17.48	0.397	13.15	41.2455	105.5573818	105.610965	1.903247	105.615803	
2010	205	1800	205.750000000		07/24/2010 18:00	190	2.66891	0.367	17.52	0.397	13.08	41.2555	105.5543338	105.607917	1.900047	105.612602	
2010	205	1900	205.791666667		07/24/2010 19:00	189.78	2.66582	0.367	17.51	0.397	13.03	41.2623	105.5522383	105.605822	1.897847	105.610402	
2010	205	2000	205.833333333		07/24/2010 20:00	189.68	2.66442	0.367	17.51	0.397	13.02	41.2655	105.5512858	105.604869	1.896847	105.609402	
2010	205	2100	205.875000000		07/24/2010 21:00	189.78	2.66582	0.367	17.51	0.397	12.99	41.2623	105.5522383	105.605822	1.897847	105.610402	
2010	205	2200	205.916666667		07/24/2010 22:00	189.96	2.66835	0.367	17.5	0.397	12.97	41.2567	105.5539528	105.607536	1.899647	105.612202	
2010	205	2300	205.958333333		07/24/2010 23:00	190.16	2.67116	0.367	17.49	0.397	12.97	41.2505	105.5558578	105.609441	1.901647	105.614202	
2010	205	2400	206.000000000		07/25/2010 0:00	190.59	2.67720	0.367	17.51	0.397	12.95	41.2370	105.5599536	105.613537	1.905947	105.618503	
2010	206	100	206.041666667		07/25/2010 1:00	190.86	2.68099	0.367	17.5	0.397	12.96	41.2286	105.5625253	105.616109	1.908647	105.621203	
2010	206	200	206.083333333		07/25/2010 2:00	191.1	2.68437	0.367	17.49	0.397	12.95	41.2211	105.5648113	105.618395	1.911047	105.623603	
2010	206	300	206.125000000		07/25/2010 3:00	191.33	2.68760	0.367	17.51	0.397	12.94	41.2139	105.5670021	105.620585	1.913347	105.625903	
2010	206	400	206.166666667		07/25/2010 4:00	191.54	2.69055	0.367	17.52	0.397	12.93	41.2073	105.5690024	105.622586	1.915447	105.628003	
2010	206	500	206.208333333		07/25/2010 5:00	191.56	2.69083	0.367	17.5	0.396	12.93	41.2067	105.5691929	105.622776	1.915647	105.628203	
2010	206	600	206.250000000		07/25/2010 6:00	191.56	2.69083	0.367	17.5	0.397	13.6	41.2067	105.5691929	105.622776	1.915647	105.628203	
2010	206	700	206.291666667		07/25/2010 7:00	191.56	2.69083	0.367	17.51	0.396	13.54	41.2067	105.5691929	105.622776	1.915647	105.628203	
2010	206	800	206.333333333		07/25/2010 8:00	191.42	2.68886	0.366	17.49	0.396	13.45	41.2111	105.5678593	105.621443	1.914247	105.626803	
2010	206	900	206.375000000		07/25/2010 9:00	191.19	2.68563	0.366	17.5	0.396	13.37	41.2183	105.5656686	105.619252	1.911947	105.624503	
2010	206	1000	206.416666667		07/25/2010 10:00	190.94	2.68212	0.366	17.52	0.396	13.3	41.2261	105.5632873	105.616871	1.909447	105.622003	
2010	206	1100	206.458333333		07/25/2010 11:00	190.67	2.67833	0.366	17.52	0.396	13.24	41.2345	105.5607156	105.614299	1.906747	105.619303	
2010	206	1200	206.500000000		07/25/2010 12:00	190.38	2.67425	0.366	17.52	0.396	13.24	41.2436	105.5579533	105.611537	1.903847	105.616403	
2010	206	1300	206.541666667		07/25/2010 13:00	190.04	2.66948	0.366	17.48	0.396	13.19	41.2542	105.5547148	105.608298	1.900447	105.613002	
2010	206	1400	206.583333333		07/25/2010 14:00	189.64	2.66386	0.366	17.51	0.396	13.13	41.2667	105.5509047	105.604488	1.896447	105.609002	
2010	206	1500	206.625000000		07/25/2010 15:00	189.28	2.65880	0.366	17.51	0.396	13.11	41.2780	105.5474757	105.601059	1.892847	105.605402	
2010	206	1600	206.666666667		07/25/2010 16:00	188.87	2.65304	0.366	17.5	0.396	13.11	41.2908	105.5435705	105.597154	1.888747	105.601302	
2010	206	1700	206.708333333		07/25/2010 17:00	188.44	2.64700	0.366	17.53	0.396	13.1	41.3042	105.5394747	105.593058	1.884446	105.597002	
2010	206	1800	206.750000000		07/25/2010 18:00	188.01	2.64096	0.366	17.52	0.396	13.07	41.3177	105.5353789	105.588962	1.880146	105.592702	
2010	206	1900	206.791666667		07/25/2010 19:00	187.53	2.63422	0.366	17.5	0.396	13.02	41.3327	105.5308069	105.584390	1.875346	105.587902	
2010	206	2000	206.833333333		07/25/2010 20:00	187.03	2.62719	0.366	17.51	0.396	13	41.3483	105.5260444	105.579628	1.870346	105.582902	
2010	206	2100	206.875000000		07/25/2010 21:00	186.56	2.62059	0.366	17.51	0.396	12.98	41.3630	105.5215676	105.575151	1.865646	105.578202	
2010	206	2200	206.916666667		07/25/2010 22:00	186.05	2.61343	0.366	17.49	0.396	12.98	41.3789	105.5167098	105.570293	1.860546	105.573101	
2010	206	2300	206.958333333		07/25/2010 23:00	185.5	2.60570	0.366	17.5	0.396	12.97	41.3961	105.511471	105.565054	1.855046	105.567601	
2010	206	2400	207.000000000		07/26/2010 0:00	184.99	2.59854	0.366	17.47	0.396	12.97	41.4120	105.5066133	105.560197	1.849946	105.562501	
2010	207	100	207.041666667		07/26/2010 1:00	184.37	2.58983	0.366	17.48	0.396	12.95	41.4314	105.5007077	105.554291	1.843745	105.556301	
2010	207	200	207.083333333		07/26/2010 2:00	183.85	2.58253	0.366	17.51	0.395	12.95	41.4477	105.4957547	105.549338	1.838545	105.551101	
2010	207	300	207.125000000		07/26/2010 3:00	183.31	2.57494	0.366	17.48	0.396	12.95	41.4645	105.4906112	105.544194	1.833145	105.545701	
2010	207	400	207.166666667		07/26/2010 4:00	182.76	2.56721	0.366	17.5	0.396	12.95	41.4817	105.4853724	105.538956	1.827645	105.540201	
2010	207	500	207.208333333		07/26/2010 5:00	182.27	2.56033	0.366	17.5	0.396	12.94	41.4970	105.4807051	105.534288	1.822745	105.535301	
2010	207	600	207.250000000		07/26/2010 6:00	181.7	2.55232	0.366	17.49	0.396	13.42	41.5148	105.4752758	105.528859	1.817045	105.529600	
2010	207	700	207.291666667		07/26/2010 7:00	181.28	2.54643	0.366	17.5	0.396	13.45	41.5280	105.4712753	105.524859	1.812845	105.525400	
2010	207	800	207.333333333		07/26/2010 8:00	180.84	2.54024	0.366	17.48	0.396	13.39	41.5417	105.4670843	105.520668	1.808445	105.521000	
2010	207	900	207.375000000		07/26/2010 9:00	180.41	2.53420	0.366	17.49	0.396	13.32	41.5552	105.4629885	105.516572	1.804144	105.516700	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	207	1000	207.416666667		07/26/2010 10:00	180.04	2.52901	0.366	17.51	0.396	13.27	41.5667	105.4594642	105.513047	1.800444	105.513000	
2010	207	1100	207.458333333		07/26/2010 11:00	179.66	2.52367	0.367	17.5	0.396	13.23	41.5786	105.4558447	105.509428	1.796644	105.509200	
2010	207	1200	207.500000000		07/26/2010 12:00	179.32	2.51889	0.366	17.51	0.396	13.23	41.5892	105.4526062	105.506189	1.793244	105.505800	
2010	207	1300	207.541666667		07/26/2010 13:00	178.98	2.51412	0.367	17.52	0.396	13.2	41.5998	105.4493677	105.502951	1.789844	105.502400	
2010	207	1400	207.583333333		07/26/2010 14:00	178.63	2.50920	0.367	17.49	0.397	13.15	41.6108	105.4460339	105.499617	1.786344	105.498900	
2010	207	1500	207.625000000		07/26/2010 15:00	178.29	2.50442	0.367	17.51	0.397	13.12	41.6214	105.4427954	105.496379	1.782944	105.495500	
2010	207	1600	207.666666667		07/26/2010 16:00	177.95	2.49965	0.367	17.51	0.397	13.11	41.6320	105.4395569	105.493140	1.779544	105.492099	
2010	207	1700	207.708333333		07/26/2010 17:00	177.61	2.49487	0.368	17.49	0.398	13.13	41.6427	105.4363184	105.489902	1.776144	105.488699	
2010	207	1800	207.750000000		07/26/2010 18:00	177.34	2.49108	0.368	17.47	0.398	13.17	41.6511	105.4337466	105.487330	1.773444	105.485999	
2010	207	1900	207.791666667		07/26/2010 19:00	177.08	2.48743	0.368	17.52	0.398	13.08	41.6592	105.4312701	105.484853	1.770844	105.483399	
2010	207	2000	207.833333333		07/26/2010 20:00	176.8	2.48349	0.368	17.52	0.398	13.03	41.6680	105.4286031	105.482186	1.768044	105.480599	
2010	207	2100	207.875000000		07/26/2010 21:00	176.61	2.48083	0.368	17.51	0.398	13.01	41.6739	105.4267933	105.480377	1.766144	105.478699	
2010	207	2200	207.916666667		07/26/2010 22:00	176.41	2.47802	0.368	17.49	0.398	13	41.6802	105.4248883	105.478472	1.764144	105.476699	
2010	207	2300	207.958333333		07/26/2010 23:00	176.32	2.47675	0.368	17.53	0.398	12.98	41.6830	105.424031	105.477614	1.763243	105.475799	
2010	207	2400	208.000000000		07/27/2010 0:00	176.33	2.47689	0.368	17.52	0.398	12.97	41.6827	105.4241263	105.477710	1.763343	105.475899	
2010	208	100	208.041666667		07/27/2010 1:00	176.44	2.47844	0.368	17.51	0.398	12.96	41.6792	105.425174	105.478757	1.764444	105.476999	
2010	208	200	208.083333333		07/27/2010 2:00	176.64	2.48125	0.368	17.53	0.398	12.95	41.6730	105.4270791	105.480662	1.766444	105.478999	
2010	208	300	208.125000000		07/27/2010 3:00	176.86	2.48434	0.368	17.51	0.398	12.95	41.6661	105.4291746	105.482758	1.768644	105.481199	
2010	208	400	208.166666667		07/27/2010 4:00	177.17	2.48869	0.369	17.5	0.398	12.95	41.6564	105.4321273	105.485711	1.771744	105.484299	
2010	208	500	208.208333333		07/27/2010 5:00	177.3	2.49052	0.369	17.52	0.399	12.95	41.6523	105.4333656	105.486949	1.773044	105.485599	
2010	208	600	208.250000000		07/27/2010 6:00	177.49	2.49319	0.369	17.51	0.399	12.94	41.6464	105.4351753	105.488759	1.774944	105.487499	
2010	208	700	208.291666667		07/27/2010 7:00	177.72	2.49642	0.369	17.52	0.399	13	41.6392	105.4373661	105.490949	1.777244	105.489799	
2010	208	800	208.333333333		07/27/2010 8:00	177.66	2.49558	0.369	17.52	0.399	13.29	41.6411	105.4367946	105.490378	1.776644	105.489199	
2010	208	900	208.375000000		07/27/2010 9:00	177.6	2.49473	0.369	17.53	0.398	13.42	41.6430	105.4362231	105.489806	1.776044	105.488599	
2010	208	1000	208.416666667		07/27/2010 10:00	177.34	2.49108	0.369	17.54	0.399	13.37	41.6511	105.4337466	105.487330	1.773444	105.485999	
2010	208	1100	208.458333333		07/27/2010 11:00	177.07	2.48729	0.369	17.53	0.399	13.29	41.6595	105.4311748	105.484758	1.770744	105.483299	
2010	208	1200	208.500000000		07/27/2010 12:00	176.78	2.48321	0.369	17.52	0.398	13.23	41.6686	105.4284126	105.481996	1.767844	105.480399	
2010	208	1300	208.541666667		07/27/2010 13:00	176.42	2.47816	0.369	17.53	0.398	13.22	41.6798	105.4249835	105.478567	1.764244	105.476799	
2010	208	1400	208.583333333		07/27/2010 14:00	176.06	2.47310	0.369	17.54	0.398	13.21	41.6911	105.4215545	105.475138	1.760643	105.473199	
2010	208	1500	208.625000000		07/27/2010 15:00	175.63	2.46706	0.369	17.52	0.399	13.19	41.7045	105.4174587	105.471042	1.756343	105.468899	
2010	208	1600	208.666666667		07/27/2010 16:00	175.14	2.46018	0.369	17.54	0.398	13.19	41.7198	105.4127915	105.466375	1.751443	105.463999	
2010	208	1700	208.708333333		07/27/2010 17:00	174.66	2.45343	0.369	17.54	0.398	13.2	41.7348	105.4082194	105.461803	1.746643	105.459199	
2010	208	1800	208.750000000		07/27/2010 18:00	174.29	2.44824	0.369	17.51	0.398	13.13	41.7464	105.4046952	105.458278	1.742943	105.455499	
2010	208	1900	208.791666667		07/27/2010 19:00	173.91	2.44290	0.369	17.54	0.399	13.06	41.7583	105.4010757	105.454659	1.739143	105.451698	
2010	208	2000	208.833333333		07/27/2010 20:00	173.61	2.43869	0.369	17.54	0.398	13.04	41.7677	105.3982181	105.451801	1.736143	105.448698	
2010	208	2100	208.875000000		07/27/2010 21:00	173.53	2.43756	0.369	17.54	0.398	13.02	41.7702	105.3974561	105.451039	1.735343	105.447898	
2010	208	2200	208.916666667		07/27/2010 22:00	173.61	2.43869	0.369	17.52	0.399	13	41.7677	105.3982181	105.451801	1.736143	105.448698	
2010	208	2300	208.958333333		07/27/2010 23:00	173.47	2.43672	0.369	17.54	0.398	13	41.7720	105.3968846	105.450468	1.734743	105.447298	
2010	208	2400	209.000000000		07/28/2010 0:00	173.64	2.43911	0.369	17.53	0.398	12.97	41.7667	105.3985039	105.452087	1.736443	105.448998	
2010	209	100	209.041666667		07/28/2010 1:00	173.76	2.44079	0.369	17.53	0.399	12.97	41.7630	105.3996469	105.453230	1.737643	105.450198	
2010	209	200	209.083333333		07/28/2010 2:00	173.75	2.44065	0.369	17.54	0.399	12.96	41.7633	105.3995516	105.453135	1.737543	105.450098	
2010	209	300	209.125000000		07/28/2010 3:00	173.8	2.44135	0.369	17.53	0.399	12.95	41.7617	105.4000279	105.453611	1.738043	105.450598	
2010	209	400	209.166666667		07/28/2010 4:00	173.9	2.44276	0.369	17.52	0.399	12.95	41.7586	105.4009804	105.454564	1.739043	105.451598	
2010	209	500	209.208333333		07/28/2010 5:00	173.88	2.44248	0.369	17.52	0.399	12.94	41.7592	105.4007899	105.454373	1.738843	105.451398	
2010	209	600	209.250000000		07/28/2010 6:00	173.81	2.44149	0.369	17.53	0.399	13.26	41.7614	105.4001232	105.453706	1.738143	105.450698	
2010	209	700	209.291666667		07/28/2010 7:00	173.73	2.44037	0.369	17.54	0.399	13.51	41.7639	105.3993611	105.452944	1.737343	105.449898	
2010	209	800	209.333333333		07/28/2010 8:00	173.63	2.43897	0.369	17.52	0.399	13.43	41.7670	105.3984086	105.451992	1.736343	105.448898	
2010	209	900	209.375000000		07/28/2010 9:00	173.48	2.43686	0.369	17.55	0.399	13.36	41.7717	105.3969799	105.450563	1.734843	105.447398	
2010	209	1000	209.416666667		07/28/2010 10:00	173.29	2.43419	0.369	17.54	0.399	13.33	41.7777	105.3951701	105.448753	1.732943	105.445498	
2010	209	1100	209.458333333		07/28/2010 11:00	173.37	2.43531	0.369	17.53	0.399	13.3	41.7752	105.3959321	105.449515	1.733743	105.446298	
2010	209	1200	209.500000000		07/28/2010 12:00	173.32	2.43461	0.369	17.53	0.399	13.31	41.7767	105.3954559	105.449039	1.733243	105.445798	
2010	209	1300	209.541666667		07/28/2010 13:00	173.39	2.43559	0.369	17.54	0.399	13.29	41.7745	105.3961226	105.449706	1.733943	105.446498	
2010	209	1400	209.583333333		07/28/2010 14:00	173.7	2.43995	0.369	17.54	0.399	13.31	41.7648	105.3990754	105.452659	1.737043	105.449598	
2010	209	1500	209.625000000		07/28/2010 15:00	173.92	2.44304	0.369	17.54	0.399	13.32	41.7580	105.4011709	105.454754	1.739243	105.451798	
2010	209	1600	209.666666667		07/28/2010 16:00	174.37	2.44936	0.369	17.54	0.399	13.25	41.7439	105.4054572	105.459040	1.743743	105.456299	
2010	209	1700	209.708333333		07/28/2010 17:00	174.79	2.45526	0.369	17.54	0.399	13.22	41.7308	105.4094577	105.463041	1.747943	105.460499	
2010	209	1800	209.750000000		07/28/2010 18:00	175.2	2.46102	0.369	17.52	0.399	13.14	41.7180	105.413363	105.466946	1.752043	105.464599	
2010	209	1900	209.791666667		07/28/2010 19:00	175.64	2.46720	0.369	17.54	0.398	13.1	41.7042	105.417554	105.471137	1.756443	105.468999	
2010	209	2000	209.833333333		07/28/2010 20:00	176.03	2.47268	0.369	17.53	0.399	13.08	41.6920	105.4212688	105.474852	1.760343	105.472899	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	209	2100	209.875000000		07/28/2010 21:00	176.57	2.48026	0.369	17.53	0.398	13.06	41.6752	105.4264123	105.479996	1.765744	105.478299	
2010	209	2200	209.916666667		07/28/2010 22:00	177.08	2.48743	0.368	17.54	0.398	13.04	41.6592	105.4312701	105.484853	1.770844	105.483399	
2010	209	2300	209.958333333		07/28/2010 23:00	177.5	2.49333	0.368	17.53	0.398	13.02	41.6461	105.4352706	105.488854	1.775044	105.487599	
2010	209	2400	210.000000000		07/29/2010 0:00	177.99	2.50021	0.368	17.55	0.398	13.01	41.6308	105.4399379	105.493521	1.779944	105.492499	
2010	210	100	210.041666667		07/29/2010 1:00	178.35	2.50527	0.368	17.53	0.398	13	41.6195	105.4433669	105.496950	1.783544	105.496100	
2010	210	200	210.083333333		07/29/2010 2:00	178.77	2.51117	0.368	17.52	0.398	12.99	41.6064	105.4473674	105.500951	1.787744	105.500300	
2010	210	300	210.125000000		07/29/2010 3:00	179.17	2.51679	0.368	17.53	0.398	12.98	41.5939	105.4511774	105.504761	1.791744	105.504300	
2010	210	400	210.166666667		07/29/2010 4:00	179.48	2.52114	0.368	17.54	0.398	12.97	41.5842	105.4541302	105.507713	1.794844	105.507400	
2010	210	500	210.208333333		07/29/2010 5:00	179.81	2.52578	0.368	17.53	0.398	12.96	41.5739	105.4572735	105.510857	1.798144	105.510700	
2010	210	600	210.250000000		07/29/2010 6:00	180.13	2.53027	0.368	17.52	0.398	13.6	41.5639	105.4603215	105.513905	1.801344	105.513900	
2010	210	700	210.291666667		07/29/2010 7:00	180.35	2.53336	0.368	17.53	0.397	13.55	41.5570	105.462417	105.516000	1.803544	105.516100	
2010	210	800	210.333333333		07/29/2010 8:00	180.48	2.53519	0.368	17.54	0.397	13.47	41.5530	105.4636553	105.517239	1.804845	105.517400	
2010	210	900	210.375000000		07/29/2010 9:00	180.51	2.53561	0.368	17.55	0.397	13.4	41.5520	105.463941	105.517524	1.805145	105.517700	
2010	210	1000	210.416666667		07/29/2010 10:00	180.41	2.53420	0.367	17.53	0.397	13.34	41.5552	105.4629885	105.516572	1.804144	105.516700	
2010	210	1100	210.458333333		07/29/2010 11:00	180.08	2.52957	0.367	17.54	0.397	13.29	41.5655	105.4598452	105.513428	1.800844	105.513400	
2010	210	1200	210.500000000		07/29/2010 12:00	179.78	2.52535	0.367	17.52	0.397	13.29	41.5748	105.4569877	105.510571	1.797844	105.510400	
2010	210	1300	210.541666667		07/29/2010 13:00	179.43	2.52044	0.367	17.53	0.397	13.24	41.5858	105.453654	105.507237	1.794344	105.506900	
2010	210	1400	210.583333333		07/29/2010 14:00	179.09	2.51566	0.367	17.55	0.397	13.18	41.5964	105.4504154	105.503999	1.790944	105.503500	
2010	210	1500	210.625000000		07/29/2010 15:00	178.79	2.51145	0.367	17.58	0.396	13.15	41.6058	105.4475579	105.501141	1.787944	105.500500	
2010	210	1600	210.666666667		07/29/2010 16:00	178.64	2.50934	0.367	17.51	0.397	13.14	41.6105	105.4461292	105.499712	1.786444	105.499000	
2010	210	1700	210.708333333		07/29/2010 17:00	178.58	2.50850	0.367	17.57	0.396	13.14	41.6123	105.4455577	105.499141	1.785844	105.498400	
2010	210	1800	210.750000000		07/29/2010 18:00	178.57	2.50836	0.367	17.51	0.397	13.15	41.6127	105.4454624	105.499046	1.785744	105.498300	
2010	210	1900	210.791666667		07/29/2010 19:00	178.6	2.50878	0.367	17.55	0.397	13.08	41.6117	105.4457482	105.499331	1.786044	105.498600	
2010	210	2000	210.833333333		07/29/2010 20:00	178.62	2.50906	0.367	17.55	0.396	13.04	41.6111	105.4459387	105.499522	1.786244	105.498800	
2010	210	2100	210.875000000		07/29/2010 21:00	178.72	2.51046	0.367	17.53	0.396	13.02	41.6080	105.4468912	105.500474	1.787244	105.499800	
2010	210	2200	210.916666667		07/29/2010 22:00	178.84	2.51215	0.366	17.54	0.396	13.01	41.6042	105.4480342	105.501617	1.788444	105.501000	
2010	210	2300	210.958333333		07/29/2010 23:00	178.99	2.51426	0.367	17.54	0.396	13	41.5995	105.4494629	105.503046	1.789944	105.502500	
2010	210	2400	211.000000000		07/30/2010 0:00	179.2	2.51721	0.367	17.52	0.396	12.98	41.5930	105.4514632	105.505046	1.792044	105.504600	
2010	211	100	211.041666667		07/30/2010 1:00	179.51	2.52156	0.366	17.54	0.396	12.98	41.5833	105.454416	105.507999	1.795144	105.507700	
2010	211	200	211.083333333		07/30/2010 2:00	179.63	2.52325	0.366	17.54	0.396	12.97	41.5795	105.455559	105.509142	1.796344	105.508900	
2010	211	300	211.125000000		07/30/2010 3:00	179.87	2.52662	0.366	17.54	0.396	12.97	41.5720	105.457845	105.511428	1.798744	105.511300	
2010	211	400	211.166666667		07/30/2010 4:00	180.03	2.52887	0.366	17.52	0.396	12.96	41.5670	105.459369	105.512952	1.800344	105.512900	
2010	211	500	211.208333333		07/30/2010 5:00	180.28	2.53238	0.366	17.53	0.396	12.96	41.5592	105.4617502	105.515334	1.802844	105.515400	
2010	211	600	211.250000000		07/30/2010 6:00	180.31	2.53280	0.366	17.53	0.396	13.45	41.5583	105.462036	105.515619	1.803144	105.515700	
2010	211	700	211.291666667		07/30/2010 7:00	180.31	2.53280	0.366	17.55	0.395	13.48	41.5583	105.462036	105.515619	1.803144	105.515700	
2010	211	800	211.333333333		07/30/2010 8:00	180.12	2.53013	0.366	17.54	0.395	13.4	41.5642	105.4602262	105.513809	1.801244	105.513800	
2010	211	900	211.375000000		07/30/2010 9:00	179.78	2.52535	0.366	17.55	0.395	13.34	41.5748	105.4569877	105.510571	1.797844	105.510400	
2010	211	1000	211.416666667		07/30/2010 10:00	179.41	2.52016	0.366	17.54	0.395	13.31	41.5864	105.4534635	105.507047	1.794144	105.506700	
2010	211	1100	211.458333333		07/30/2010 11:00	178.98	2.51412	0.366	17.54	0.395	13.27	41.5998	105.4493677	105.502951	1.789844	105.502400	
2010	211	1200	211.500000000		07/30/2010 12:00	178.34	2.50513	0.366	17.52	0.396	13.25	41.6198	105.4432716	105.496855	1.783444	105.496000	
2010	211	1300	211.541666667		07/30/2010 13:00	177.84	2.49810	0.366	17.51	0.395	13.22	41.6355	105.4385091	105.492092	1.778444	105.490999	
2010	211	1400	211.583333333		07/30/2010 14:00	177.28	2.49024	0.366	17.51	0.395	13.17	41.6530	105.4331751	105.486758	1.772844	105.485399	
2010	211	1500	211.625000000		07/30/2010 15:00	176.66	2.48153	0.366	17.52	0.395	13.14	41.6723	105.4272696	105.480853	1.766644	105.479199	
2010	211	1600	211.666666667		07/30/2010 16:00	176.07	2.47324	0.366	17.51	0.395	13.13	41.6908	105.4216498	105.475233	1.760743	105.473299	
2010	211	1700	211.708333333		07/30/2010 17:00	175.52	2.46551	0.366	17.5	0.396	13.13	41.7080	105.416411	105.469994	1.755243	105.467799	
2010	211	1800	211.750000000		07/30/2010 18:00	175.03	2.45863	0.366	17.57	0.395	13.07	41.7233	105.4117437	105.465327	1.750343	105.462899	
2010	211	1900	211.791666667		07/30/2010 19:00	174.61	2.45273	0.366	17.5	0.395	13.03	41.7364	105.4077432	105.461326	1.746143	105.458699	
2010	211	2000	211.833333333		07/30/2010 20:00	174.35	2.44908	0.365	17.52	0.395	13.01	41.7445	105.4052667	105.458850	1.743543	105.456099	
2010	211	2100	211.875000000		07/30/2010 21:00	174.05	2.44487	0.366	17.52	0.395	13	41.7539	105.4024092	105.455992	1.740543	105.453098	
2010	211	2200	211.916666667		07/30/2010 22:00	173.97	2.44374	0.366	17.52	0.395	12.98	41.7564	105.4016472	105.455230	1.739743	105.452298	
2010	211	2300	211.958333333		07/30/2010 23:00	173.8	2.44135	0.365	17.54	0.395	12.98	41.7617	105.4000279	105.453611	1.738043	105.450598	
2010	211	2400	212.000000000		07/31/2010 0:00	173.75	2.44065	0.366	17.52	0.395	12.98	41.7633	105.3995516	105.453135	1.737543	105.450098	
2010	212	100	212.041666667		07/31/2010 1:00	173.69	2.43981	0.366	17.53	0.395	12.96	41.7652	105.3989801	105.452563	1.736943	105.449498	
2010	212	200	212.083333333		07/31/2010 2:00	173.7	2.43995	0.366	17.53	0.395	12.96	41.7648	105.3990754	105.452659	1.737043	105.449598	
2010	212	300	212.125000000		07/31/2010 3:00	173.52	2.43742	0.366	17.53	0.395	12.95	41.7705	105.3973609	105.450944	1.735243	105.447798	
2010	212	400	212.166666667		07/31/2010 4:00	173.32	2.43461	0.366	17.54	0.395	12.95	41.7767	105.3954559	105.449039	1.733243	105.445798	
2010	212	500	212.208333333		07/31/2010 5:00	173.29	2.43419	0.366	17.52	0.395	12.95	41.7777	105.3951701	105.448753	1.732943	105.445498	
2010	212	600	212.250000000		07/31/2010 6:00	173.09	2.43138	0.365	17.55	0.395	12.97	41.7839	105.3932651	105.446848	1.730943	105.443498	
2010	212	700	212.291666667		07/31/2010 7:00	172.83	2.42773	0.366	17.54	0.395	13.23	41.7920	105.3907886	105.444372	1.728343	105.440898	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	212	800	212.333333333		07/31/2010 8:00	172.62	2.42478	0.366	17.53	0.395	13.52	41.7986	105.3887883	105.442372	1.726243	105.438798	
2010	212	900	212.375000000		07/31/2010 9:00	172.29	2.42014	0.365	17.51	0.395	13.58	41.8089	105.3856451	105.439228	1.722942	105.435498	
2010	212	1000	212.416666667		07/31/2010 10:00	172.03	2.41649	0.366	17.53	0.395	13.5	41.8170	105.3831686	105.436752	1.720342	105.432898	
2010	212	1100	212.458333333		07/31/2010 11:00	171.65	2.41115	0.365	17.53	0.395	13.43	41.8289	105.379549	105.433132	1.716542	105.429098	
2010	212	1200	212.500000000		07/31/2010 12:00	171.19	2.40469	0.366	17.53	0.395	13.4	41.8433	105.3751675	105.428751	1.711942	105.424498	
2010	212	1300	212.541666667		07/31/2010 13:00	170.71	2.39795	0.365	17.55	0.395	13.35	41.8583	105.3705955	105.424179	1.707142	105.419698	
2010	212	1400	212.583333333		07/31/2010 14:00	170.27	2.39177	0.365	17.55	0.395	13.31	41.8720	105.3664045	105.419988	1.702742	105.415298	
2010	212	1500	212.625000000		07/31/2010 15:00	169.71	2.38390	0.365	17.55	0.395	13.27	41.8895	105.3610704	105.414654	1.697142	105.409697	
2010	212	1600	212.666666667		07/31/2010 16:00	169.16	2.37618	0.365	17.53	0.395	13.24	41.9067	105.3558317	105.409415	1.691642	105.404197	
2010	212	1700	212.708333333		07/31/2010 17:00	168.82	2.37140	0.365	17.53	0.395	13.26	41.9173	105.3525931	105.406176	1.688242	105.400797	
2010	212	1800	212.750000000		07/31/2010 18:00	168.35	2.36480	0.365	17.54	0.395	13.24	41.9320	105.3481164	105.401700	1.683542	105.396097	
2010	212	1900	212.791666667		07/31/2010 19:00	168.08	2.36101	0.365	17.54	0.395	13.16	41.9405	105.3455446	105.399128	1.680841	105.393397	
2010	212	2000	212.833333333		07/31/2010 20:00	167.86	2.35792	0.366	17.51	0.395	13.12	41.9473	105.3434491	105.397032	1.678641	105.391197	
2010	212	2100	212.875000000		07/31/2010 21:00	167.72	2.35595	0.366	17.53	0.395	13.09	41.9517	105.3421156	105.395699	1.677241	105.389797	
2010	212	2200	212.916666667		07/31/2010 22:00	167.55	2.35356	0.366	17.54	0.395	13.07	41.9570	105.3404963	105.394080	1.675541	105.388097	
2010	212	2300	212.958333333		07/31/2010 23:00	167.39	2.35131	0.366	17.55	0.395	13.05	41.9620	105.3389723	105.392556	1.673941	105.386497	
2010	212	2400	213.000000000		08/01/2010 0:00	167.23	2.34907	0.366	17.54	0.395	13.04	41.9670	105.3374483	105.391032	1.672341	105.384897	
2010	213	100	213.041666667		08/01/2010 1:00	166.96	2.34527	0.366	17.53	0.395	13.03	41.9755	105.3348765	105.388460	1.669641	105.382197	
2010	213	200	213.083333333		08/01/2010 2:00	166.67	2.34120	0.366	17.52	0.395	13.01	41.9845	105.3321143	105.385698	1.666741	105.379297	
2010	213	300	213.125000000		08/01/2010 3:00	166.31	2.33614	0.366	17.51	0.396	13.01	41.9958	105.3286853	105.382269	1.663141	105.375697	
2010	213	400	213.166666667		08/01/2010 4:00	165.94	2.33095	0.366	17.53	0.395	13	42.0073	105.325161	105.378744	1.659441	105.371996	
2010	213	500	213.208333333		08/01/2010 5:00	165.57	2.32575	0.366	17.51	0.396	12.99	42.0189	105.3216367	105.375220	1.655741	105.368296	
2010	213	600	213.250000000		08/01/2010 6:00	165.14	2.31971	0.366	17.52	0.396	13.64	42.0323	105.3175409	105.371124	1.651441	105.363996	
2010	213	700	213.291666667		08/01/2010 7:00	164.69	2.31339	0.366	17.51	0.396	13.6	42.0464	105.3132547	105.366838	1.646941	105.359496	
2010	213	800	213.333333333		08/01/2010 8:00	164.23	2.30693	0.366	17.53	0.396	13.53	42.0608	105.3088731	105.362456	1.642341	105.354896	
2010	213	900	213.375000000		08/01/2010 9:00	163.76	2.30032	0.367	17.55	0.396	13.46	42.0755	105.3043964	105.357980	1.637640	105.350196	
2010	213	1000	213.416666667		08/01/2010 10:00	163.25	2.29316	0.366	17.52	0.396	13.39	42.0914	105.2995386	105.353122	1.632540	105.345096	
2010	213	1100	213.458333333		08/01/2010 11:00	162.7	2.28543	0.366	17.55	0.396	13.35	42.1086	105.2942998	105.347883	1.627040	105.339596	
2010	213	1200	213.500000000		08/01/2010 12:00	162.26	2.27925	0.367	17.54	0.396	13.34	42.1223	105.2901088	105.343692	1.622640	105.335196	
2010	213	1300	213.541666667		08/01/2010 13:00	161.62	2.27026	0.367	17.54	0.396	13.3	42.1423	105.2840127	105.337596	1.616240	105.328795	
2010	213	1400	213.583333333		08/01/2010 14:00	161.02	2.26183	0.367	17.53	0.396	13.26	42.1611	105.2782977	105.331881	1.610240	105.322795	
2010	213	1500	213.625000000		08/01/2010 15:00	160.42	2.25341	0.366	17.55	0.396	13.25	42.1798	105.2725827	105.326166	1.604240	105.316795	
2010	213	1600	213.666666667		08/01/2010 16:00	159.87	2.24568	0.367	17.55	0.396	13.24	42.1970	105.2673439	105.320927	1.598739	105.311295	
2010	213	1700	213.708333333		08/01/2010 17:00	159.27	2.23725	0.367	17.54	0.396	13.25	42.2158	105.2616289	105.315212	1.592739	105.305295	
2010	213	1800	213.750000000		08/01/2010 18:00	158.66	2.22868	0.367	17.54	0.396	13.28	42.2348	105.2558186	105.309402	1.586639	105.299195	
2010	213	1900	213.791666667		08/01/2010 19:00	158.08	2.22054	0.367	17.54	0.396	13.15	42.2530	105.2502941	105.303877	1.580839	105.293395	
2010	213	2000	213.833333333		08/01/2010 20:00	157.52	2.21267	0.367	17.54	0.396	13.1	42.2705	105.24496	105.298543	1.575239	105.287794	
2010	213	2100	213.875000000		08/01/2010 21:00	156.93	2.20438	0.367	17.53	0.397	13.08	42.2889	105.2393402	105.292924	1.569339	105.281894	
2010	213	2200	213.916666667		08/01/2010 22:00	156.37	2.19652	0.368	17.52	0.398	13.06	42.3064	105.2340062	105.287589	1.563739	105.276294	
2010	213	2300	213.958333333		08/01/2010 23:00	155.82	2.18879	0.368	17.53	0.398	13.04	42.3236	105.2287674	105.282351	1.558238	105.270794	
2010	213	2400	214.000000000		08/02/2010 0:00	155.29	2.18135	0.368	17.54	0.398	13.03	42.3402	105.2237192	105.277302	1.552938	105.265494	
2010	214	100	214.041666667		08/02/2010 1:00	154.68	2.17278	0.368	17.54	0.398	13.01	42.3592	105.2179089	105.271492	1.546838	105.259394	
2010	214	200	214.083333333		08/02/2010 2:00	154.1	2.16463	0.368	17.55	0.398	13.01	42.3773	105.2123843	105.265968	1.541038	105.253594	
2010	214	300	214.125000000		08/02/2010 3:00	153.61	2.15775	0.369	17.53	0.398	13	42.3927	105.2077171	105.261300	1.536138	105.248693	
2010	214	400	214.166666667		08/02/2010 4:00	153.12	2.15086	0.369	17.55	0.399	12.99	42.4080	105.2030498	105.256633	1.531238	105.243793	
2010	214	500	214.208333333		08/02/2010 5:00	152.61	2.14370	0.369	17.52	0.399	12.97	42.4239	105.198192	105.251775	1.526138	105.238693	
2010	214	600	214.250000000		08/02/2010 6:00	151.98	2.13485	0.369	17.53	0.399	13.38	42.4436	105.1921912	105.245774	1.519837	105.232393	
2010	214	700	214.291666667		08/02/2010 7:00	151.6	2.12951	0.369	17.54	0.399	13.57	42.4555	105.1885717	105.242155	1.516037	105.228593	
2010	214	800	214.333333333		08/02/2010 8:00	151.22	2.12417	0.37	17.53	0.399	13.5	42.4673	105.1849522	105.238535	1.512237	105.224793	
2010	214	900	214.375000000		08/02/2010 9:00	150.76	2.11771	0.37	17.54	0.4	13.42	42.4817	105.1805707	105.234154	1.507637	105.220193	
2010	214	1000	214.416666667		08/02/2010 10:00	150.26	2.11069	0.37	17.54	0.4	13.37	42.4973	105.1758081	105.229391	1.502637	105.215193	
2010	214	1100	214.458333333		08/02/2010 11:00	149.8	2.10423	0.37	17.54	0.4	13.33	42.5117	105.1714266	105.225010	1.498037	105.210593	
2010	214	1200	214.500000000		08/02/2010 12:00	149.25	2.09650	0.37	17.53	0.4	13.31	42.5289	105.1661878	105.219771	1.492537	105.205092	
2010	214	1300	214.541666667		08/02/2010 13:00	148.8	2.09018	0.37	17.55	0.4	13.28	42.5430	105.1619016	105.215485	1.488037	105.200592	
2010	214	1400	214.583333333		08/02/2010 14:00	148.31	2.08330	0.371	17.54	0.401	13.23	42.5583	105.1572343	105.210818	1.483137	105.195692	
2010	214	1500	214.625000000		08/02/2010 15:00	147.77	2.07571	0.371	17.54	0.401	13.21	42.5752	105.1520908	105.205674	1.477736	105.190292	
2010	214	1600	214.666666667		08/02/2010 16:00	147.22	2.06799	0.371	17.54	0.401	13.21	42.5923	105.146852	105.200435	1.472236	105.184792	
2010	214	1700	214.708333333		08/02/2010 17:00	146.71	2.06082	0.371	17.55	0.401	13.23	42.6083	105.1419942	105.195577	1.467136	105.179692	
2010	214	1800	214.750000000		08/02/2010 18:00	146.17	2.05324	0.371	17.52	0.401	13.26	42.6252	105.1368507	105.190434	1.461736	105.174292	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	214	1900	214.791666667		08/02/2010 19:00	145.75	2.04734	0.372	17.55	0.401	13.14	42.6383	105.1328502	105.186433	1.457536	105.170092	
2010	214	2000	214.833333333		08/02/2010 20:00	145.4	2.04242	0.372	17.55	0.402	13.09	42.6492	105.1295164	105.183100	1.454036	105.166591	
2010	214	2100	214.875000000		08/02/2010 21:00	145.26	2.04046	0.372	17.54	0.402	13.06	42.6536	105.1281829	105.181766	1.452636	105.165191	
2010	214	2200	214.916666667		08/02/2010 22:00	145.3	2.04102	0.372	17.55	0.402	13.04	42.6523	105.1285639	105.182147	1.453036	105.165591	
2010	214	2300	214.958333333		08/02/2010 23:00	145.42	2.04270	0.372	17.52	0.402	13.02	42.6486	105.1297069	105.183290	1.454236	105.166791	
2010	214	2400	215.000000000		08/03/2010 0:00	145.75	2.04734	0.372	17.56	0.402	13.01	42.6383	105.1328502	105.186433	1.457536	105.170092	
2010	215	100	215.041666667		08/03/2010 1:00	146.08	2.05197	0.372	17.55	0.402	13	42.6280	105.1359934	105.189577	1.460836	105.173392	
2010	215	200	215.083333333		08/03/2010 2:00	146.39	2.05633	0.372	17.53	0.402	12.99	42.6183	105.1389462	105.192529	1.463936	105.176492	
2010	215	300	215.125000000		08/03/2010 3:00	146.79	2.06195	0.372	17.54	0.402	12.98	42.6058	105.1427562	105.196339	1.467936	105.180492	
2010	215	400	215.166666667		08/03/2010 4:00	147.15	2.06700	0.372	17.55	0.402	12.97	42.5945	105.1461852	105.199768	1.471536	105.184092	
2010	215	500	215.208333333		08/03/2010 5:00	147.54	2.07248	0.372	17.55	0.402	12.97	42.5823	105.1499	105.203483	1.475436	105.187992	
2010	215	600	215.250000000		08/03/2010 6:00	147.88	2.07726	0.373	17.53	0.403	13.5	42.5717	105.1531385	105.206722	1.478836	105.191392	
2010	215	700	215.291666667		08/03/2010 7:00	148.22	2.08203	0.372	17.54	0.402	13.54	42.5611	105.156377	105.209960	1.482237	105.194792	
2010	215	800	215.333333333		08/03/2010 8:00	148.52	2.08625	0.372	17.55	0.402	13.47	42.5517	105.1592345	105.212818	1.485237	105.197792	
2010	215	900	215.375000000		08/03/2010 9:00	148.76	2.08962	0.372	17.53	0.403	13.39	42.5442	105.1615206	105.215104	1.487637	105.200192	
2010	215	1000	215.416666667		08/03/2010 10:00	149.01	2.09313	0.372	17.56	0.402	13.35	42.5364	105.1639018	105.217485	1.490137	105.202692	
2010	215	1100	215.458333333		08/03/2010 11:00	149.12	2.09468	0.372	17.56	0.402	13.31	42.5330	105.1649496	105.218533	1.491237	105.203792	
2010	215	1200	215.500000000		08/03/2010 12:00	149.19	2.09566	0.373	17.54	0.403	13.31	42.5308	105.1656163	105.219200	1.491937	105.204492	
2010	215	1300	215.541666667		08/03/2010 13:00	149.21	2.09594	0.373	17.55	0.403	13.27	42.5302	105.1658068	105.219390	1.492137	105.204692	
2010	215	1400	215.583333333		08/03/2010 14:00	149.29	2.09706	0.373	17.55	0.403	13.22	42.5277	105.1665688	105.220152	1.492937	105.205492	
2010	215	1500	215.625000000		08/03/2010 15:00	149.36	2.09805	0.373	17.55	0.403	13.2	42.5255	105.1672356	105.220819	1.493637	105.206192	
2010	215	1600	215.666666667		08/03/2010 16:00	149.49	2.09987	0.372	17.55	0.402	13.2	42.5214	105.1684739	105.222057	1.494937	105.207492	
2010	215	1700	215.708333333		08/03/2010 17:00	149.66	2.10226	0.372	17.55	0.402	13.21	42.5161	105.1700931	105.223676	1.496637	105.209192	
2010	215	1800	215.750000000		08/03/2010 18:00	149.94	2.10619	0.372	17.54	0.402	13.19	42.5073	105.1727601	105.226343	1.499437	105.211993	
2010	215	1900	215.791666667		08/03/2010 19:00	150.33	2.11167	0.372	17.52	0.402	13.1	42.4952	105.1764749	105.230058	1.503337	105.215893	
2010	215	2000	215.833333333		08/03/2010 20:00	150.79	2.11813	0.372	17.53	0.402	13.06	42.4808	105.1808564	105.234440	1.507937	105.220493	
2010	215	2100	215.875000000		08/03/2010 21:00	151.38	2.12642	0.372	17.53	0.402	13.04	42.4623	105.1864762	105.240059	1.513837	105.226393	
2010	215	2200	215.916666667		08/03/2010 22:00	152.09	2.13640	0.372	17.54	0.402	13.02	42.4402	105.193239	105.246822	1.520938	105.233493	
2010	215	2300	215.958333333		08/03/2010 23:00	152.84	2.14693	0.372	17.54	0.402	13.01	42.4167	105.2003828	105.253966	1.528438	105.240993	
2010	215	2400	216.000000000		08/04/2010 0:00	153.46	2.15564	0.372	17.54	0.401	13	42.3973	105.2062883	105.259872	1.534638	105.247193	
2010	216	100	216.041666667		08/04/2010 1:00	153.98	2.16294	0.372	17.54	0.401	12.99	42.3811	105.2112413	105.264825	1.539838	105.252394	
2010	216	200	216.083333333		08/04/2010 2:00	154.54	2.17081	0.371	17.55	0.401	12.99	42.3636	105.2165754	105.270159	1.545438	105.257994	
2010	216	300	216.125000000		08/04/2010 3:00	155.02	2.17755	0.371	17.54	0.401	12.98	42.3486	105.2211474	105.274731	1.550238	105.262794	
2010	216	400	216.166666667		08/04/2010 4:00	155.41	2.18303	0.371	17.53	0.401	12.97	42.3364	105.2248622	105.278445	1.554138	105.266694	
2010	216	500	216.208333333		08/04/2010 5:00	155.76	2.18795	0.371	17.54	0.401	12.97	42.3255	105.2281959	105.281779	1.557638	105.270194	
2010	216	600	216.250000000		08/04/2010 6:00	156.03	2.19174	0.371	17.54	0.401	13.46	42.3170	105.2307677	105.284351	1.560338	105.272894	
2010	216	700	216.291666667		08/04/2010 7:00	156.41	2.19708	0.371	17.55	0.401	13.51	42.3052	105.2343872	105.287970	1.564139	105.276694	
2010	216	800	216.333333333		08/04/2010 8:00	156.64	2.20031	0.371	17.57	0.4	13.46	42.2980	105.236578	105.290161	1.566439	105.278994	
2010	216	900	216.375000000		08/04/2010 9:00	156.81	2.20270	0.37	17.57	0.4	13.41	42.2927	105.2381972	105.291781	1.568139	105.280694	
2010	216	1000	216.416666667		08/04/2010 10:00	156.99	2.20523	0.37	17.54	0.4	13.35	42.2870	105.2399118	105.293495	1.569939	105.282494	
2010	216	1100	216.458333333		08/04/2010 11:00	157.16	2.20761	0.37	17.55	0.4	13.31	42.2817	105.241531	105.295114	1.571639	105.284194	
2010	216	1200	216.500000000		08/04/2010 12:00	157.21	2.20832	0.37	17.56	0.4	13.29	42.2802	105.2420073	105.295591	1.572139	105.284694	
2010	216	1300	216.541666667		08/04/2010 13:00	157.18	2.20789	0.37	17.56	0.4	13.25	42.2811	105.2417215	105.295305	1.571839	105.284394	
2010	216	1400	216.583333333		08/04/2010 14:00	157.17	2.20775	0.37	17.55	0.4	13.21	42.2814	105.2416263	105.295210	1.571739	105.284294	
2010	216	1500	216.625000000		08/04/2010 15:00	157.23	2.20860	0.37	17.56	0.399	13.18	42.2795	105.2421978	105.295781	1.572339	105.284894	
2010	216	1600	216.666666667		08/04/2010 16:00	157.32	2.20986	0.369	17.58	0.399	13.17	42.2767	105.243055	105.296638	1.573239	105.285794	
2010	216	1700	216.708333333		08/04/2010 17:00	157.47	2.21197	0.369	17.53	0.399	13.18	42.2720	105.2444838	105.298067	1.574739	105.287294	
2010	216	1800	216.750000000		08/04/2010 18:00	157.62	2.21408	0.369	17.53	0.399	13.12	42.2673	105.2459125	105.299496	1.576239	105.288794	
2010	216	1900	216.791666667		08/04/2010 19:00	157.9	2.21801	0.369	17.55	0.399	13.06	42.2586	105.2485796	105.302163	1.579039	105.291595	
2010	216	2000	216.833333333		08/04/2010 20:00	158.22	2.22250	0.369	17.54	0.399	13.04	42.2486	105.2516276	105.305211	1.582239	105.294795	
2010	216	2100	216.875000000		08/04/2010 21:00	158.61	2.22798	0.369	17.55	0.398	13.02	42.2364	105.2553423	105.308926	1.586139	105.298695	
2010	216	2200	216.916666667		08/04/2010 22:00	159	2.23346	0.369	17.54	0.399	13.01	42.2242	105.2590571	105.312640	1.590039	105.302595	
2010	216	2300	216.958333333		08/04/2010 23:00	159.54	2.24105	0.369	17.55	0.398	13	42.2073	105.2642006	105.317784	1.595439	105.307995	
2010	216	2400	217.000000000		08/05/2010 0:00	160.09	2.24877	0.369	17.56	0.398	12.99	42.1902	105.2694394	105.323023	1.600939	105.313495	
2010	217	100	217.041666667		08/05/2010 1:00	160.63	2.25636	0.368	17.55	0.398	12.97	42.1733	105.2745829	105.328166	1.606340	105.318895	
2010	217	200	217.083333333		08/05/2010 2:00	161.19	2.26422	0.368	17.55	0.398	12.97	42.1558	105.279917	105.333500	1.611940	105.324495	
2010	217	300	217.125000000		08/05/2010 3:00	161.78	2.27251	0.368	17.55	0.398	12.97	42.1373	105.2855368	105.339120	1.617840	105.330395	
2010	217	400	217.166666667		08/05/2010 4:00	162.31	2.27996	0.368	17.56	0.398	12.97	42.1208	105.290585	105.344168	1.623140	105.335696	
2010	217	500	217.208333333		08/05/2010 5:00	162.85	2.28754	0.368	17.55	0.398	12.96	42.1039	105.2957286	105.349312	1.628540	105.341096	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	217	600	217.250000000		08/05/2010 6:00	163.25	2.29316	0.368	17.53	0.398	13.45	42.0914	105.2995386	105.353122	1.632540	105.345096	
2010	217	700	217.291666667		08/05/2010 7:00	163.5	2.29667	0.368	17.55	0.397	13.5	42.0836	105.3019199	105.355503	1.635040	105.347596	
2010	217	800	217.333333333		08/05/2010 8:00	163.73	2.29990	0.368	17.56	0.397	13.43	42.0764	105.3041106	105.357694	1.637340	105.349896	
2010	217	900	217.375000000		08/05/2010 9:00	163.8	2.30088	0.367	17.56	0.397	13.36	42.0742	105.3047774	105.358361	1.638040	105.350596	
2010	217	1000	217.416666667		08/05/2010 10:00	163.72	2.29976	0.367	17.55	0.397	13.3	42.0767	105.3040154	105.357599	1.637240	105.349796	
2010	217	1100	217.458333333		08/05/2010 11:00	163.6	2.29808	0.367	17.53	0.397	13.25	42.0805	105.3028724	105.356456	1.636040	105.348596	
2010	217	1200	217.500000000		08/05/2010 12:00	163.36	2.29470	0.367	17.55	0.397	13.22	42.0880	105.3005863	105.354170	1.633640	105.346196	
2010	217	1300	217.541666667		08/05/2010 13:00	163.23	2.29288	0.367	17.58	0.397	13.19	42.0920	105.2993481	105.352931	1.632340	105.344896	
2010	217	1400	217.583333333		08/05/2010 14:00	162.97	2.28923	0.367	17.59	0.396	13.14	42.1002	105.2968716	105.350455	1.629740	105.342296	
2010	217	1500	217.625000000		08/05/2010 15:00	162.75	2.28614	0.367	17.54	0.396	13.13	42.1070	105.2947761	105.348359	1.627540	105.340096	
2010	217	1600	217.666666667		08/05/2010 16:00	162.53	2.28305	0.367	17.54	0.396	13.12	42.1139	105.2926805	105.346264	1.625340	105.337896	
2010	217	1700	217.708333333		08/05/2010 17:00	162.34	2.28038	0.367	17.54	0.396	13.13	42.1198	105.2908708	105.344454	1.623440	105.335996	
2010	217	1800	217.750000000		08/05/2010 18:00	162.24	2.27897	0.367	17.53	0.396	13.07	42.1230	105.2899183	105.343502	1.622440	105.334996	
2010	217	1900	217.791666667		08/05/2010 19:00	162.13	2.27743	0.366	17.56	0.396	13.03	42.1264	105.2888705	105.342454	1.621340	105.333896	
2010	217	2000	217.833333333		08/05/2010 20:00	162.09	2.27686	0.366	17.54	0.396	13.01	42.1277	105.2884895	105.342073	1.620940	105.333496	
2010	217	2100	217.875000000		08/05/2010 21:00	162.2	2.27841	0.366	17.53	0.396	13	42.1242	105.2895373	105.343121	1.622040	105.334596	
2010	217	2200	217.916666667		08/05/2010 22:00	162.33	2.28024	0.366	17.54	0.396	12.98	42.1202	105.2907755	105.344359	1.623340	105.335896	
2010	217	2300	217.958333333		08/05/2010 23:00	162.49	2.28248	0.366	17.54	0.396	12.98	42.1152	105.2922995	105.345883	1.624940	105.337496	
2010	217	2400	218.000000000		08/06/2010 0:00	162.76	2.28628	0.366	17.53	0.396	12.97	42.1067	105.2948713	105.348455	1.627640	105.340196	
2010	218	100	218.041666667		08/06/2010 1:00	162.99	2.28951	0.366	17.55	0.395	12.97	42.0995	105.2970621	105.350645	1.629940	105.342496	
2010	218	200	218.083333333		08/06/2010 2:00	163.28	2.29358	0.366	17.54	0.396	12.96	42.0905	105.2998243	105.353408	1.632840	105.345396	
2010	218	300	218.125000000		08/06/2010 3:00	163.5	2.29667	0.366	17.54	0.395	12.95	42.0836	105.3019199	105.355503	1.635040	105.347596	
2010	218	400	218.166666667		08/06/2010 4:00	163.74	2.30004	0.366	17.55	0.395	12.95	42.0761	105.3042059	105.357789	1.637440	105.349996	
2010	218	500	218.208333333		08/06/2010 5:00	163.98	2.30341	0.366	17.53	0.395	12.95	42.0686	105.3064919	105.360075	1.639840	105.352396	
2010	218	600	218.250000000		08/06/2010 6:00	164.13	2.30552	0.366	17.54	0.395	13.38	42.0639	105.3079206	105.361504	1.641340	105.353896	
2010	218	700	218.291666667		08/06/2010 7:00	164.23	2.30693	0.365	17.56	0.395	13.49	42.0608	105.3088731	105.362456	1.642341	105.354896	
2010	218	800	218.333333333		08/06/2010 8:00	164.27	2.30749	0.365	17.54	0.395	13.42	42.0595	105.3092541	105.362837	1.642741	105.355296	
2010	218	900	218.375000000		08/06/2010 9:00	164.14	2.30566	0.366	17.56	0.395	13.36	42.0636	105.3080159	105.361599	1.641440	105.353996	
2010	218	1000	218.416666667		08/06/2010 10:00	164.02	2.30398	0.365	17.54	0.395	13.29	42.0673	105.3068729	105.360456	1.640240	105.352796	
2010	218	1100	218.458333333		08/06/2010 11:00	163.83	2.30131	0.365	17.56	0.394	13.25	42.0733	105.3050631	105.358646	1.638340	105.350896	
2010	218	1200	218.500000000		08/06/2010 12:00	163.62	2.29836	0.365	17.57	0.394	13.23	42.0798	105.3030629	105.356646	1.636240	105.348796	
2010	218	1300	218.541666667		08/06/2010 13:00	163.29	2.29372	0.365	17.55	0.394	13.19	42.0902	105.2999196	105.353503	1.632940	105.345496	
2010	218	1400	218.583333333		08/06/2010 14:00	163.09	2.29091	0.365	17.53	0.395	13.16	42.0964	105.2980146	105.351598	1.630940	105.343496	
2010	218	1500	218.625000000		08/06/2010 15:00	162.96	2.28909	0.365	17.59	0.394	13.15	42.1005	105.2967763	105.350360	1.629640	105.342196	
2010	218	1600	218.666666667		08/06/2010 16:00	162.67	2.28501	0.365	17.52	0.394	13.15	42.1095	105.2940141	105.347597	1.626740	105.339296	
2010	218	1700	218.708333333		08/06/2010 17:00	162.67	2.28501	0.365	17.57	0.394	13.18	42.1095	105.2940141	105.347597	1.626740	105.339296	
2010	218	1800	218.750000000		08/06/2010 18:00	162.49	2.28248	0.365	17.56	0.394	13.17	42.1152	105.2922995	105.345883	1.624940	105.337496	
2010	218	1900	218.791666667		08/06/2010 19:00	162.8	2.28684	0.365	17.55	0.394	13.06	42.1055	105.2952523	105.348836	1.628040	105.340596	
2010	218	2000	218.833333333		08/06/2010 20:00	163.12	2.29133	0.365	17.54	0.394	13.04	42.0955	105.2983003	105.351884	1.631240	105.343796	
2010	218	2100	218.875000000		08/06/2010 21:00	163.21	2.29260	0.364	17.55	0.394	13.02	42.0927	105.2991576	105.352741	1.632140	105.344696	
2010	218	2200	218.916666667		08/06/2010 22:00	163.55	2.29737	0.365	17.55	0.394	13	42.0820	105.3023961	105.355979	1.635540	105.348096	
2010	218	2300	218.958333333		08/06/2010 23:00	163.81	2.30103	0.364	17.54	0.394	12.99	42.0739	105.3048726	105.358456	1.638140	105.350696	
2010	218	2400	219.000000000		08/07/2010 0:00	164.12	2.30538	0.364	17.56	0.393	12.97	42.0642	105.3078254	105.361409	1.641240	105.353796	
2010	219	100	219.041666667		08/07/2010 1:00	164.31	2.30805	0.364	17.53	0.394	12.97	42.0583	105.3096351	105.363218	1.643141	105.355696	
2010	219	200	219.083333333		08/07/2010 2:00	164.46	2.31016	0.364	17.53	0.393	12.96	42.0536	105.3110639	105.364647	1.644641	105.357196	
2010	219	300	219.125000000		08/07/2010 3:00	164.57	2.31170	0.364	17.54	0.393	12.96	42.0502	105.3121117	105.365695	1.645741	105.358296	
2010	219	400	219.166666667		08/07/2010 4:00	164.65	2.31282	0.364	17.56	0.393	12.95	42.0477	105.3128737	105.366457	1.646541	105.359096	
2010	219	500	219.208333333		08/07/2010 5:00	164.73	2.31395	0.364	17.53	0.393	12.94	42.0452	105.3136357	105.367219	1.647341	105.359896	
2010	219	600	219.250000000		08/07/2010 6:00	164.76	2.31437	0.364	17.53	0.393	13.47	42.0442	105.3139214	105.367505	1.647641	105.360196	
2010	219	700	219.291666667		08/07/2010 7:00	164.82	2.31521	0.364	17.56	0.393	13.52	42.0423	105.3144929	105.368076	1.648241	105.360796	
2010	219	800	219.333333333		08/07/2010 8:00	164.78	2.31465	0.364	17.57	0.393	13.45	42.0436	105.3141119	105.367695	1.647841	105.360396	
2010	219	900	219.375000000		08/07/2010 9:00	164.67	2.31311	0.363	17.54	0.393	13.39	42.0470	105.3130642	105.366647	1.646741	105.359296	
2010	219	1000	219.416666667		08/07/2010 10:00	164.62	2.31240	0.363	17.55	0.393	13.32	42.0486	105.3125879	105.366171	1.646241	105.358796	
2010	219	1100	219.458333333		08/07/2010 11:00	164.44	2.30987	0.363	17.56	0.393	13.29	42.0542	105.3108734	105.364457	1.644441	105.356996	
2010	219	1200	219.500000000		08/07/2010 12:00	164.19	2.30636	0.363	17.56	0.393	13.29	42.0620	105.3084921	105.362075	1.641940	105.354496	
2010	219	1300	219.541666667		08/07/2010 13:00	163.92	2.30257	0.363	17.54	0.393	13.25	42.0705	105.3059204	105.359504	1.639240	105.351796	
2010	219	1400	219.583333333		08/07/2010 14:00	163.55	2.29737	0.363	17.54	0.392	13.21	42.0820	105.3023961	105.355979	1.635540	105.348096	
2010	219	1500	219.625000000		08/07/2010 15:00	163.27	2.29344	0.363	17.54	0.393	13.19	42.0908	105.2997291	105.353312	1.632740	105.345296	
2010	219	1600	219.666666667		08/07/2010 16:00	163.07	2.29063	0.363	17.53	0.392	13.21	42.0970	105.2978241	105.351407	1.630740	105.343296	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	219	1700	219.708333333		08/07/2010 17:00	162.67	2.28501	0.363	17.55	0.392	13.25	42.1095	105.2940141	105.347597	1.626740	105.339296	
2010	219	1800	219.750000000		08/07/2010 18:00	162.53	2.28305	0.363	17.54	0.392	13.27	42.1139	105.2926805	105.346264	1.625340	105.337896	
2010	219	1900	219.791666667		08/07/2010 19:00	162.47	2.28220	0.363	17.52	0.392	13.14	42.1158	105.292109	105.345692	1.624740	105.337296	
2010	219	2000	219.833333333		08/07/2010 20:00	162.48	2.28234	0.363	17.53	0.392	13.09	42.1155	105.2922043	105.345788	1.624840	105.337396	
2010	219	2100	219.875000000		08/07/2010 21:00	162.91	2.28838	0.363	17.54	0.392	13.06	42.1020	105.2963001	105.349883	1.629140	105.341696	
2010	219	2200	219.916666667		08/07/2010 22:00	163.31	2.29400	0.363	17.53	0.392	13.04	42.0895	105.3001101	105.353693	1.633140	105.345696	
2010	219	2300	219.958333333		08/07/2010 23:00	163.62	2.29836	0.363	17.54	0.392	13.02	42.0798	105.3030629	105.356646	1.636240	105.348796	
2010	219	2400	220.000000000		08/08/2010 0:00	164.07	2.30468	0.363	17.53	0.392	13.01	42.0658	105.3073491	105.360932	1.640740	105.353296	
2010	220	100	220.041666667		08/08/2010 1:00	164.44	2.30987	0.363	17.53	0.392	13	42.0542	105.3108734	105.364457	1.644441	105.356996	
2010	220	200	220.083333333		08/08/2010 2:00	164.84	2.31549	0.363	17.53	0.392	12.99	42.0417	105.3146834	105.368267	1.648441	105.360996	
2010	220	300	220.125000000		08/08/2010 3:00	165.13	2.31957	0.363	17.52	0.392	12.98	42.0327	105.3174457	105.371029	1.651341	105.363896	
2010	220	400	220.166666667		08/08/2010 4:00	165.37	2.32294	0.362	17.53	0.392	12.97	42.0252	105.3197317	105.373315	1.653741	105.366296	
2010	220	500	220.208333333		08/08/2010 5:00	165.56	2.32561	0.362	17.53	0.392	12.96	42.0192	105.3215415	105.375125	1.655641	105.368196	
2010	220	600	220.250000000		08/08/2010 6:00	165.61	2.32631	0.362	17.52	0.392	13.37	42.0177	105.3220177	105.375601	1.656141	105.368696	
2010	220	700	220.291666667		08/08/2010 7:00	165.59	2.32603	0.362	17.55	0.391	13.52	42.0183	105.3218272	105.375410	1.655941	105.368496	
2010	220	800	220.333333333		08/08/2010 8:00	165.49	2.32462	0.362	17.54	0.392	13.46	42.0214	105.3208747	105.374458	1.654941	105.367496	
2010	220	900	220.375000000		08/08/2010 9:00	165.27	2.32153	0.362	17.55	0.391	13.41	42.0283	105.3187792	105.372362	1.652741	105.365296	
2010	220	1000	220.416666667		08/08/2010 10:00	165	2.31774	0.362	17.54	0.391	13.35	42.0367	105.3162074	105.369791	1.650041	105.362596	
2010	220	1100	220.458333333		08/08/2010 11:00	164.62	2.31240	0.362	17.55	0.391	13.33	42.0486	105.3125879	105.366171	1.646241	105.358796	
2010	220	1200	220.500000000		08/08/2010 12:00	164.26	2.30735	0.362	17.55	0.391	13.33	42.0598	105.3091589	105.362742	1.642641	105.355196	
2010	220	1300	220.541666667		08/08/2010 13:00	163.82	2.30117	0.362	17.54	0.391	13.29	42.0736	105.3049679	105.358551	1.638240	105.350796	
2010	220	1400	220.583333333		08/08/2010 14:00	163.51	2.29681	0.362	17.55	0.391	13.25	42.0833	105.3020151	105.355598	1.635140	105.347696	
2010	220	1500	220.625000000		08/08/2010 15:00	163.21	2.29260	0.362	17.53	0.391	13.23	42.0927	105.2991576	105.352741	1.632140	105.344696	
2010	220	1600	220.666666667		08/08/2010 16:00	162.71	2.28557	0.362	17.55	0.391	13.23	42.1083	105.2943951	105.347978	1.627140	105.339696	
2010	220	1700	220.708333333		08/08/2010 17:00	162.31	2.27996	0.362	17.54	0.391	13.24	42.1208	105.290585	105.344168	1.623140	105.335696	
2010	220	1800	220.750000000		08/08/2010 18:00	161.8	2.27279	0.362	17.53	0.391	13.14	42.1367	105.2857273	105.339311	1.618040	105.330595	
2010	220	1900	220.791666667		08/08/2010 19:00	161.4	2.26717	0.362	17.52	0.391	13.09	42.1492	105.2819172	105.335500	1.614040	105.326595	
2010	220	2000	220.833333333		08/08/2010 20:00	160.97	2.26113	0.362	17.54	0.391	13.06	42.1627	105.2778215	105.331405	1.609740	105.322295	
2010	220	2100	220.875000000		08/08/2010 21:00	160.51	2.25467	0.362	17.54	0.391	13.04	42.1770	105.2734399	105.327023	1.605140	105.317695	
2010	220	2200	220.916666667		08/08/2010 22:00	160.16	2.24975	0.362	17.5	0.391	13.03	42.1880	105.2701062	105.323689	1.601640	105.314195	
2010	220	2300	220.958333333		08/08/2010 23:00	159.65	2.24259	0.362	17.51	0.391	13.02	42.2039	105.2652484	105.318832	1.596539	105.309095	
2010	220	2400	221.000000000		08/09/2010 0:00	159.24	2.23683	0.362	17.5	0.391	13	42.2167	105.2613431	105.314926	1.592439	105.304995	
2010	221	100	221.041666667		08/09/2010 1:00	158.8	2.23065	0.361	17.55	0.39	12.99	42.2305	105.2571521	105.310735	1.588039	105.300595	
2010	221	200	221.083333333		08/09/2010 2:00	158.36	2.22447	0.362	17.53	0.391	12.98	42.2442	105.2529611	105.306544	1.583639	105.296195	
2010	221	300	221.125000000		08/09/2010 3:00	157.9	2.21801	0.362	17.55	0.391	12.97	42.2586	105.2485796	105.302163	1.579039	105.291595	
2010	221	400	221.166666667		08/09/2010 4:00	157.45	2.21169	0.362	17.55	0.391	12.97	42.2727	105.2442933	105.297877	1.574539	105.287094	
2010	221	500	221.208333333		08/09/2010 5:00	157.01	2.20551	0.362	17.54	0.391	12.96	42.2864	105.2401023	105.293686	1.570139	105.282694	
2010	221	600	221.250000000		08/09/2010 6:00	156.55	2.19904	0.362	17.53	0.391	13.43	42.3008	105.2357207	105.289304	1.565539	105.278094	
2010	221	700	221.291666667		08/09/2010 7:00	156.06	2.19216	0.362	17.51	0.391	13.65	42.3161	105.2310535	105.284637	1.560638	105.273194	
2010	221	800	221.333333333		08/09/2010 8:00	155.56	2.18514	0.362	17.55	0.391	13.57	42.3317	105.2262909	105.279874	1.555638	105.268194	
2010	221	900	221.375000000		08/09/2010 9:00	155.09	2.17854	0.362	17.55	0.391	13.52	42.3464	105.2218142	105.275397	1.550938	105.263494	
2010	221	1000	221.416666667		08/09/2010 10:00	154.61	2.17179	0.362	17.56	0.391	13.43	42.3614	105.2172421	105.270825	1.546138	105.258694	
2010	221	1100	221.458333333		08/09/2010 11:00	154.19	2.16589	0.362	17.55	0.391	13.39	42.3745	105.2132416	105.266825	1.541938	105.254494	
2010	221	1200	221.500000000		08/09/2010 12:00	151.59	2.12937	0.401	17.56	0.433	13.38	42.4558	105.1884765	105.242060	1.515937	105.228493	
2010	221	1300	221.541666667		08/09/2010 13:00	153.12	2.15086	0.405	17.55	0.438	13.33	42.4080	105.2030498	105.256633	1.531238	105.243793	
2010	221	1400	221.583333333		08/09/2010 14:00	152.67	2.14454	0.4	17.54	0.432	13.27	42.4220	105.1987635	105.252347	1.526738	105.239293	
2010	221	1500	221.625000000		08/09/2010 15:00	152.31	2.13949	0.396	17.56	0.428	13.23	42.4333	105.1953345	105.248918	1.523138	105.235693	
2010	221	1600	221.666666667		08/09/2010 16:00	151.97	2.13471	0.392	17.56	0.424	13.24	42.4439	105.192096	105.245679	1.519737	105.232293	
2010	221	1700	221.708333333		08/09/2010 17:00	151.73	2.13134	0.39	17.56	0.421	13.27	42.4514	105.18981	105.243393	1.517337	105.229893	
2010	221	1800	221.750000000		08/09/2010 18:00	151.58	2.12923	0.388	17.54	0.419	13.29	42.4561	105.1883812	105.241964	1.515837	105.228393	
2010	221	1900	221.791666667		08/09/2010 19:00	151.56	2.12895	0.387	17.56	0.418	13.16	42.4567	105.1881907	105.241774	1.515637	105.228193	
2010	221	2000	221.833333333		08/09/2010 20:00	151.63	2.12993	0.385	17.55	0.416	13.11	42.4545	105.1888575	105.242441	1.516337	105.228893	
2010	221	2100	221.875000000		08/09/2010 21:00	151.78	2.13204	0.385	17.54	0.416	13.08	42.4498	105.1902862	105.243869	1.517837	105.230393	
2010	221	2200	221.916666667		08/09/2010 22:00	152.11	2.13668	0.384	17.57	0.415	13.06	42.4395	105.1934295	105.247013	1.521138	105.233693	
2010	221	2300	221.958333333		08/09/2010 23:00	152.28	2.13906	0.383	17.56	0.414	13.04	42.4342	105.1950487	105.248632	1.522838	105.235393	
2010	221	2400	222.000000000		08/10/2010 0:00	152.46	2.14159	0.383	17.54	0.414	13.03	42.4286	105.1967633	105.250347	1.524638	105.237193	
2010	222	100	222.041666667		08/10/2010 1:00	152.73	2.14539	0.383	17.56	0.413	13.02	42.4202	105.199335	105.252918	1.527338	105.239893	
2010	222	200	222.083333333		08/10/2010 2:00	152.98	2.14890	0.382	17.55	0.413	13.01	42.4123	105.2017163	105.255300	1.529838	105.242393	
2010	222	300	222.125000000		08/10/2010 3:00	153.2	2.15199	0.382	17.54	0.413	13	42.4055	105.2038118	105.257395	1.532038	105.244593	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	222	400	222.166666667		08/10/2010 4:00	153.39	2.15466	0.382	17.53	0.413	12.99	42.3995	105.2056216	105.259205	1.533938	105.246493	
2010	222	500	222.208333333		08/10/2010 5:00	153.63	2.15803	0.382	17.55	0.413	12.97	42.3920	105.2079076	105.261491	1.536338	105.248893	
2010	222	600	222.250000000		08/10/2010 6:00	153.81	2.16056	0.382	17.53	0.413	13.59	42.3864	105.2096221	105.263205	1.538138	105.250694	
2010	222	700	222.291666667		08/10/2010 7:00	153.93	2.16224	0.381	17.56	0.412	13.61	42.3827	105.2107651	105.264348	1.539338	105.251894	
2010	222	800	222.333333333		08/10/2010 8:00	153.93	2.16224	0.381	17.55	0.412	13.53	42.3827	105.2107651	105.264348	1.539338	105.251894	
2010	222	900	222.375000000		08/10/2010 9:00	153.75	2.15971	0.381	17.57	0.412	13.47	42.3883	105.2090506	105.262634	1.537538	105.250093	
2010	222	1000	222.416666667		08/10/2010 10:00	153.63	2.15803	0.381	17.57	0.412	13.41	42.3920	105.2079076	105.261491	1.536338	105.248893	
2010	222	1100	222.458333333		08/10/2010 11:00	153.34	2.15395	0.381	17.56	0.411	13.39	42.4011	105.2051453	105.258729	1.533438	105.245993	
2010	222	1200	222.500000000		08/10/2010 12:00	153.03	2.14960	0.381	17.58	0.411	13.39	42.4108	105.2021925	105.255776	1.530338	105.242893	
2010	222	1300	222.541666667		08/10/2010 13:00	152.7	2.14496	0.381	17.57	0.411	13.37	42.4211	105.1990493	105.252633	1.527038	105.239593	
2010	222	1400	222.583333333		08/10/2010 14:00	152.36	2.14019	0.38	17.58	0.411	13.37	42.4317	105.1958108	105.249394	1.523638	105.236193	
2010	222	1500	222.625000000		08/10/2010 15:00	152.02	2.13541	0.38	17.56	0.411	13.37	42.4423	105.1925722	105.246155	1.520237	105.232793	
2010	222	1600	222.666666667		08/10/2010 16:00	151.66	2.13036	0.38	17.57	0.411	13.36	42.4536	105.1891432	105.242726	1.516637	105.229193	
2010	222	1700	222.708333333		08/10/2010 17:00	151.45	2.12741	0.38	17.56	0.411	13.35	42.4602	105.187143	105.240726	1.514537	105.227093	
2010	222	1800	222.750000000		08/10/2010 18:00	151.19	2.12375	0.38	17.55	0.411	13.33	42.4683	105.1846664	105.238250	1.511937	105.224493	
2010	222	1900	222.791666667		08/10/2010 19:00	151.14	2.12305	0.38	17.56	0.41	13.23	42.4698	105.1841902	105.237773	1.511437	105.223993	
2010	222	2000	222.833333333		08/10/2010 20:00	151.19	2.12375	0.38	17.55	0.411	13.17	42.4683	105.1846664	105.238250	1.511937	105.224493	
2010	222	2100	222.875000000		08/10/2010 21:00	151.45	2.12741	0.38	17.56	0.411	13.13	42.4602	105.187143	105.240726	1.514537	105.227093	
2010	222	2200	222.916666667		08/10/2010 22:00	151.78	2.13204	0.38	17.56	0.411	13.09	42.4498	105.1902862	105.243869	1.517837	105.230393	
2010	222	2300	222.958333333		08/10/2010 23:00	152.16	2.13738	0.38	17.58	0.41	13.08	42.4380	105.1939057	105.247489	1.521638	105.234193	
2010	222	2400	223.000000000		08/11/2010 0:00	152.56	2.14300	0.38	17.56	0.41	13.06	42.4255	105.1977158	105.251299	1.525638	105.238193	
2010	223	100	223.041666667		08/11/2010 1:00	152.91	2.14791	0.38	17.55	0.41	13.04	42.4145	105.2010495	105.254633	1.529138	105.241693	
2010	223	200	223.083333333		08/11/2010 2:00	153.39	2.15466	0.38	17.56	0.41	13.03	42.3995	105.2056216	105.259205	1.533938	105.246493	
2010	223	300	223.125000000		08/11/2010 3:00	153.7	2.15901	0.38	17.58	0.41	13.02	42.3898	105.2085743	105.262158	1.537038	105.249593	
2010	223	400	223.166666667		08/11/2010 4:00	154.15	2.16533	0.38	17.56	0.41	13.01	42.3758	105.2128606	105.266444	1.541538	105.254094	
2010	223	500	223.208333333		08/11/2010 5:00	154.52	2.17053	0.38	17.55	0.41	13	42.3642	105.2163849	105.269968	1.545238	105.257794	
2010	223	600	223.250000000		08/11/2010 6:00	154.85	2.17517	0.38	17.58	0.41	13.01	42.3539	105.2195281	105.273111	1.548538	105.261094	
2010	223	700	223.291666667		08/11/2010 7:00	155.19	2.17994	0.379	17.56	0.41	13.62	42.3433	105.2227667	105.276350	1.551938	105.264494	
2010	223	800	223.333333333		08/11/2010 8:00	155.53	2.18472	0.379	17.54	0.41	13.61	42.3327	105.2260052	105.279588	1.555338	105.267894	
2010	223	900	223.375000000		08/11/2010 9:00	155.8	2.18851	0.379	17.56	0.41	13.57	42.3242	105.2285769	105.282160	1.558038	105.270594	
2010	223	1000	223.416666667		08/11/2010 10:00	156.15	2.19343	0.379	17.57	0.409	13.58	42.3133	105.2319107	105.285494	1.561539	105.274094	
2010	223	1100	223.458333333		08/11/2010 11:00	156.4	2.19694	0.379	17.57	0.409	13.5	42.3055	105.234292	105.287875	1.564039	105.276594	
2010	223	1200	223.500000000		08/11/2010 12:00	156.41	2.19708	0.379	17.56	0.409	13.44	42.3052	105.2343872	105.287970	1.564139	105.276694	
2010	223	1300	223.541666667		08/11/2010 13:00	156.04	2.19188	0.379	17.55	0.409	13.36	42.3167	105.230863	105.284446	1.560438	105.272994	
2010	223	1400	223.583333333		08/11/2010 14:00	156.12	2.19300	0.379	17.56	0.409	13.31	42.3142	105.231625	105.285208	1.561239	105.273794	
2010	223	1500	223.625000000		08/11/2010 15:00	156.43	2.19736	0.378	17.55	0.409	13.29	42.3045	105.2345777	105.288161	1.564339	105.276894	
2010	223	1600	223.666666667		08/11/2010 16:00	156.69	2.20101	0.378	17.57	0.409	13.29	42.2964	105.2370542	105.290637	1.566939	105.279494	
2010	223	1700	223.708333333		08/11/2010 17:00	157.03	2.20579	0.378	17.57	0.408	13.3	42.2858	105.2402928	105.293876	1.570339	105.282894	
2010	223	1800	223.750000000		08/11/2010 18:00	157.3	2.20958	0.378	17.57	0.408	13.21	42.2773	105.2428645	105.296448	1.573039	105.285594	
2010	223	1900	223.791666667		08/11/2010 19:00	157.75	2.21590	0.378	17.56	0.408	13.14	42.2633	105.2471508	105.300734	1.577539	105.290094	
2010	223	2000	223.833333333		08/11/2010 20:00	158.12	2.22110	0.378	17.58	0.408	13.11	42.2517	105.2506751	105.304258	1.581239	105.293795	
2010	223	2100	223.875000000		08/11/2010 21:00	158.63	2.22826	0.378	17.58	0.408	13.08	42.2358	105.2555328	105.309116	1.586339	105.298895	
2010	223	2200	223.916666667		08/11/2010 22:00	158.99	2.23332	0.378	17.56	0.408	13.07	42.2245	105.2589619	105.312545	1.589939	105.302495	
2010	223	2300	223.958333333		08/11/2010 23:00	159.34	2.23824	0.377	17.56	0.408	13.04	42.2136	105.2622956	105.315879	1.593439	105.305995	
2010	223	2400	224.000000000		08/12/2010 0:00	159.67	2.24287	0.377	17.56	0.408	13.03	42.2033	105.2654389	105.319022	1.596739	105.309295	
2010	224	100	224.041666667		08/12/2010 1:00	159.89	2.24596	0.377	17.58	0.408	13.02	42.1964	105.2675344	105.321118	1.598939	105.311495	
2010	224	200	224.083333333		08/12/2010 2:00	160.02	2.24779	0.377	17.58	0.407	13.01	42.1923	105.2687727	105.322356	1.600239	105.312795	
2010	224	300	224.125000000		08/12/2010 3:00	160.05	2.24821	0.377	17.55	0.407	13	42.1914	105.2690584	105.322642	1.600539	105.313095	
2010	224	400	224.166666667		08/12/2010 4:00	159.87	2.24568	0.377	17.57	0.407	12.99	42.1970	105.2673439	105.320927	1.598739	105.311295	
2010	224	500	224.208333333		08/12/2010 5:00	159.3	2.23767	0.377	17.58	0.407	12.99	42.2148	105.2619146	105.315498	1.593039	105.305595	
2010	224	600	224.250000000		08/12/2010 6:00	158.49	2.22630	0.377	17.57	0.407	13.42	42.2402	105.2541993	105.307783	1.584939	105.297495	
2010	224	700	224.291666667		08/12/2010 7:00	144.11	2.02430	0.377	17.58	0.407	13.58	42.6895	105.1172291	105.170812	1.441136	105.153691	
2010	224	800	224.333333333		08/12/2010 8:00	145.07	2.03779	0.376	17.57	0.407	13.5	42.6595	105.1263731	105.179956	1.450736	105.163291	
2010	224	900	224.375000000		08/12/2010 9:00	146.06	2.05169	0.376	17.57	0.407	13.42	42.6286	105.1358029	105.189386	1.460636	105.173192	
2010	224	1000	224.416666667		08/12/2010 10:00	148.29	2.08302	0.376	17.57	0.406	13.36	42.5589	105.1570438	105.210627	1.482937	105.195492	
2010	224	1100	224.458333333		08/12/2010 11:00	147.7	2.07473	0.376	17.57	0.407	13.31	42.5773	105.151424	105.205007	1.477036	105.189592	
2010	224	1200	224.500000000		08/12/2010 12:00	147.3	2.06911	0.376	17.58	0.406	13.3	42.5898	105.147614	105.201197	1.473036	105.185592	
2010	224	1300	224.541666667		08/12/2010 13:00	146.95	2.06419	0.376	17.55	0.406	13.26	42.6008	105.1442802	105.197863	1.469536	105.182092	
2010	224	1400	224.583333333		08/12/2010 14:00	146.33	2.05549	0.376	17.58	0.406	13.21	42.6202	105.1383747	105.191958	1.463336	105.175892	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	224	1500	224.625000000		08/12/2010 15:00	145.99	2.05071	0.376	17.55	0.406	13.19	42.6308	105.1351362	105.188719	1.459936	105.172492	
2010	224	1600	224.666666667		08/12/2010 16:00	145.69	2.04650	0.376	17.59	0.406	13.19	42.6402	105.1322786	105.185862	1.456936	105.169492	
2010	224	1700	224.708333333		08/12/2010 17:00	145.28	2.04074	0.376	17.56	0.406	13.19	42.6530	105.1283734	105.181957	1.452836	105.165391	
2010	224	1800	224.750000000		08/12/2010 18:00	144.33	2.02739	0.376	17.56	0.406	13.1	42.6827	105.1193246	105.172908	1.443336	105.155891	
2010	224	1900	224.791666667		08/12/2010 19:00	143.99	2.02262	0.376	17.56	0.406	13.06	42.6933	105.1160861	105.169669	1.439936	105.152491	
2010	224	2000	224.833333333		08/12/2010 20:00	143.83	2.02037	0.375	17.56	0.406	13.04	42.6983	105.114562	105.168145	1.438335	105.150891	
2010	224	2100	224.875000000		08/12/2010 21:00	143.66	2.01798	0.375	17.57	0.405	13.02	42.7036	105.1129428	105.166526	1.436635	105.149191	
2010	224	2200	224.916666667		08/12/2010 22:00	144.02	2.02304	0.375	17.58	0.405	13.02	42.6923	105.1163718	105.169955	1.440236	105.152791	
2010	224	2300	224.958333333		08/12/2010 23:00	143.63	2.01756	0.375	17.58	0.405	13.01	42.7045	105.112657	105.166240	1.436335	105.148891	
2010	224	2400	225.000000000		08/13/2010 0:00	144.16	2.02500	0.375	17.56	0.405	13	42.6880	105.1177053	105.171289	1.441636	105.154191	
2010	225	100	225.041666667		08/13/2010 1:00	144.38	2.02809	0.375	17.56	0.405	12.99	42.6811	105.1198008	105.173384	1.443836	105.156391	
2010	225	200	225.083333333		08/13/2010 2:00	145.35	2.04172	0.375	17.58	0.405	12.99	42.6508	105.1290401	105.182623	1.453536	105.166091	
2010	225	300	225.125000000		08/13/2010 3:00	146.47	2.05745	0.375	17.57	0.405	12.98	42.6158	105.1397082	105.193291	1.464736	105.177292	
2010	225	400	225.166666667		08/13/2010 4:00	147.6	2.07332	0.375	17.56	0.405	12.97	42.5805	105.1504715	105.204055	1.476036	105.188592	
2010	225	500	225.208333333		08/13/2010 5:00	148.12	2.08063	0.375	17.57	0.405	12.97	42.5642	105.1554245	105.209008	1.481237	105.193792	
2010	225	600	225.250000000		08/13/2010 6:00	148.51	2.08611	0.375	17.56	0.405	13.37	42.5520	105.1591393	105.212723	1.485137	105.197692	
2010	225	700	225.291666667		08/13/2010 7:00	148.69	2.08864	0.375	17.57	0.405	13.55	42.5464	105.1608538	105.214437	1.486937	105.199492	
2010	225	800	225.333333333		08/13/2010 8:00	148.05	2.07965	0.375	17.57	0.405	13.49	42.5664	105.1547578	105.208341	1.480537	105.193092	
2010	225	900	225.375000000		08/13/2010 9:00	147.92	2.07782	0.375	17.57	0.405	13.42	42.5705	105.1535195	105.207103	1.479236	105.191792	
2010	225	1000	225.416666667		08/13/2010 10:00	147.79	2.07599	0.375	17.57	0.405	13.37	42.5745	105.1522813	105.205865	1.477936	105.190492	
2010	225	1100	225.458333333		08/13/2010 11:00	147.55	2.07262	0.375	17.58	0.405	13.33	42.5820	105.1499952	105.203579	1.475536	105.188092	
2010	225	1200	225.500000000		08/13/2010 12:00	147.27	2.06869	0.375	17.57	0.405	13.33	42.5908	105.1473282	105.200911	1.472736	105.185292	
2010	225	1300	225.541666667		08/13/2010 13:00	146.95	2.06419	0.375	17.55	0.405	13.29	42.6008	105.1442802	105.197863	1.469536	105.182092	
2010	225	1400	225.583333333		08/13/2010 14:00	146.65	2.05998	0.375	17.56	0.405	13.24	42.6102	105.1414227	105.195006	1.466536	105.179092	
2010	225	1500	225.625000000		08/13/2010 15:00	146.17	2.05324	0.374	17.55	0.404	13.22	42.6252	105.1368507	105.190434	1.461736	105.174292	
2010	225	1600	225.666666667		08/13/2010 16:00	145.77	2.04762	0.374	17.55	0.404	13.22	42.6377	105.1330407	105.186624	1.457736	105.170292	
2010	225	1700	225.708333333		08/13/2010 17:00	145.51	2.04397	0.374	17.53	0.404	13.24	42.6458	105.1305641	105.184147	1.455136	105.167691	
2010	225	1800	225.750000000		08/13/2010 18:00	145.36	2.04186	0.374	17.54	0.404	13.16	42.6505	105.1291354	105.182719	1.453636	105.166191	
2010	225	1900	225.791666667		08/13/2010 19:00	145.24	2.04017	0.374	17.55	0.404	13.09	42.6542	105.1279924	105.181576	1.452436	105.164991	
2010	225	2000	225.833333333		08/13/2010 20:00	145.28	2.04074	0.374	17.57	0.404	13.06	42.6530	105.1283734	105.181957	1.452836	105.165391	
2010	225	2100	225.875000000		08/13/2010 21:00	145.33	2.04144	0.374	17.57	0.404	13.04	42.6514	105.1288496	105.182433	1.453336	105.165891	
2010	225	2200	225.916666667		08/13/2010 22:00	145.68	2.04635	0.374	17.57	0.404	13.02	42.6405	105.1321834	105.185767	1.456836	105.169392	
2010	225	2300	225.958333333		08/13/2010 23:00	146.19	2.05352	0.374	17.53	0.404	13.01	42.6245	105.1370412	105.190624	1.461936	105.174492	
2010	225	2400	226.000000000		08/14/2010 0:00	146.68	2.06040	0.374	17.58	0.404	13	42.6092	105.1417085	105.195292	1.466836	105.179392	
2010	226	100	226.041666667		08/14/2010 1:00	147.04	2.06546	0.374	17.59	0.404	12.99	42.5980	105.1451375	105.198721	1.470436	105.182992	
2010	226	200	226.083333333		08/14/2010 2:00	147.5	2.07192	0.374	17.57	0.404	12.99	42.5836	105.149519	105.203102	1.475036	105.187592	
2010	226	300	226.125000000		08/14/2010 3:00	147.78	2.07585	0.374	17.57	0.404	12.98	42.5748	105.152186	105.205769	1.477836	105.190392	
2010	226	400	226.166666667		08/14/2010 4:00	148.15	2.08105	0.374	17.56	0.404	12.97	42.5633	105.1557103	105.209294	1.481537	105.194092	
2010	226	500	226.208333333		08/14/2010 5:00	148.58	2.08709	0.374	17.56	0.404	12.97	42.5498	105.1598061	105.213389	1.485837	105.198392	
2010	226	600	226.250000000		08/14/2010 6:00	148.9	2.09159	0.374	17.56	0.404	13.33	42.5398	105.1628541	105.216437	1.489037	105.201592	
2010	226	700	226.291666667		08/14/2010 7:00	149.38	2.09833	0.374	17.58	0.404	13.53	42.5248	105.1674261	105.221009	1.493837	105.206392	
2010	226	800	226.333333333		08/14/2010 8:00	149.6	2.10142	0.374	17.57	0.403	13.47	42.5180	105.1695216	105.223105	1.496037	105.208592	
2010	226	900	226.375000000		08/14/2010 9:00	149.8	2.10423	0.374	17.57	0.404	13.4	42.5117	105.1714266	105.225010	1.498037	105.210593	
2010	226	1000	226.416666667		08/14/2010 10:00	149.88	2.10535	0.373	17.57	0.403	13.33	42.5092	105.1721886	105.225772	1.498837	105.211393	
2010	226	1100	226.458333333		08/14/2010 11:00	150.18	2.10957	0.373	17.58	0.403	13.28	42.4998	105.1750461	105.228629	1.501837	105.214393	
2010	226	1200	226.500000000		08/14/2010 12:00	150.12	2.10872	0.373	17.6	0.403	13.27	42.5017	105.1744746	105.228058	1.501237	105.213793	
2010	226	1300	226.541666667		08/14/2010 13:00	149.83	2.10465	0.373	17.55	0.403	13.23	42.5108	105.1717124	105.225296	1.498337	105.210893	
2010	226	1400	226.583333333		08/14/2010 14:00	149.48	2.09973	0.373	17.55	0.403	13.2	42.5217	105.1683786	105.221962	1.494837	105.207392	
2010	226	1500	226.625000000		08/14/2010 15:00	149.12	2.09468	0.373	17.6	0.403	13.17	42.5330	105.1649496	105.218533	1.491237	105.203792	
2010	226	1600	226.666666667		08/14/2010 16:00	148.74	2.08934	0.373	17.6	0.402	13.17	42.5448	105.1613301	105.214913	1.487437	105.199992	
2010	226	1700	226.708333333		08/14/2010 17:00	148.34	2.08372	0.373	17.54	0.403	13.18	42.5573	105.15752	105.211103	1.483437	105.195992	
2010	226	1800	226.750000000		08/14/2010 18:00	147.97	2.07852	0.373	17.57	0.402	13.13	42.5689	105.1539958	105.207579	1.479736	105.192292	
2010	226	1900	226.791666667		08/14/2010 19:00	147.63	2.07375	0.373	17.61	0.402	13.06	42.5795	105.1507573	105.204341	1.476336	105.188892	
2010	226	2000	226.833333333		08/14/2010 20:00	147.49	2.07178	0.372	17.56	0.402	13.04	42.5839	105.1494237	105.203007	1.474936	105.187492	
2010	226	2100	226.875000000		08/14/2010 21:00	147.56	2.07276	0.372	17.57	0.402	13.02	42.5817	105.1500905	105.203674	1.475636	105.188192	
2010	226	2200	226.916666667		08/14/2010 22:00	147.87	2.07712	0.372	17.56	0.402	13.01	42.5720	105.1530433	105.206627	1.478736	105.191292	
2010	226	2300	226.958333333		08/14/2010 23:00	148.03	2.07937	0.372	17.56	0.402	13	42.5670	105.1545673	105.208151	1.480337	105.192892	
2010	226	2400	227.000000000		08/15/2010 0:00	148.31	2.08330	0.372	17.57	0.402	13	42.5583	105.1572343	105.210818	1.483137	105.195692	
2010	227	100	227.041666667		08/15/2010 1:00	148.53	2.08639	0.372	17.58	0.402	12.98	42.5514	105.1593298	105.212913	1.485337	105.197892	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	227	200	227.083333333		08/15/2010 2:00	149.08	2.09411	0.372	17.58	0.402	12.97	42.5342	105.1645686	105.218152	1.490837	105.203392	
2010	227	300	227.125000000		08/15/2010 3:00	149.36	2.09805	0.372	17.58	0.402	12.97	42.5255	105.1672356	105.220819	1.493637	105.206192	
2010	227	400	227.166666667		08/15/2010 4:00	149.47	2.09959	0.372	17.59	0.402	12.97	42.5220	105.1682833	105.221867	1.494737	105.207292	
2010	227	500	227.208333333		08/15/2010 5:00	149.61	2.10156	0.372	17.58	0.402	12.96	42.5177	105.1696169	105.223200	1.496137	105.208692	
2010	227	600	227.250000000		08/15/2010 6:00	149.66	2.10226	0.372	17.59	0.401	13.33	42.5161	105.1700931	105.223676	1.496637	105.209192	
2010	227	700	227.291666667		08/15/2010 7:00	149.74	2.10339	0.372	17.58	0.401	13.52	42.5136	105.1708551	105.224438	1.497437	105.209993	
2010	227	800	227.333333333		08/15/2010 8:00	149.69	2.10268	0.372	17.59	0.401	13.45	42.5152	105.1703789	105.223962	1.496937	105.209492	
2010	227	900	227.375000000		08/15/2010 9:00	149.87	2.10521	0.372	17.57	0.401	13.4	42.5095	105.1720934	105.225677	1.498737	105.211293	
2010	227	1000	227.416666667		08/15/2010 10:00	149.62	2.10170	0.372	17.58	0.401	13.33	42.5173	105.1697121	105.223295	1.496237	105.208792	
2010	227	1100	227.458333333		08/15/2010 11:00	149.2	2.09580	0.371	17.55	0.401	13.29	42.5305	105.1657116	105.219295	1.492037	105.204592	
2010	227	1200	227.500000000		08/15/2010 12:00	148.88	2.09130	0.371	17.56	0.401	13.27	42.5405	105.1626636	105.216247	1.488837	105.201392	
2010	227	1300	227.541666667		08/15/2010 13:00	148.43	2.08498	0.371	17.56	0.401	13.23	42.5545	105.1583773	105.211961	1.484337	105.196892	
2010	227	1400	227.583333333		08/15/2010 14:00	147.97	2.07852	0.371	17.57	0.401	13.19	42.5689	105.1539958	105.207579	1.479736	105.192292	
2010	227	1500	227.625000000		08/15/2010 15:00	147.47	2.07150	0.371	17.54	0.401	13.16	42.5845	105.1492332	105.202817	1.474736	105.187292	
2010	227	1600	227.666666667		08/15/2010 16:00	147.08	2.06602	0.371	17.6	0.401	13.16	42.5967	105.1455185	105.199102	1.470836	105.183392	
2010	227	1700	227.708333333		08/15/2010 17:00	146.59	2.05914	0.371	17.57	0.401	13.17	42.6120	105.1408512	105.194434	1.465936	105.178492	
2010	227	1800	227.750000000		08/15/2010 18:00	146.05	2.05155	0.371	17.56	0.401	13.08	42.6289	105.1357077	105.189291	1.460536	105.173092	
2010	227	1900	227.791666667		08/15/2010 19:00	145.57	2.04481	0.371	17.55	0.401	13.04	42.6439	105.1311356	105.184719	1.455736	105.168291	
2010	227	2000	227.833333333		08/15/2010 20:00	145.09	2.03807	0.371	17.54	0.401	13.03	42.6589	105.1265636	105.180147	1.450936	105.163491	
2010	227	2100	227.875000000		08/15/2010 21:00	144.63	2.03161	0.371	17.54	0.401	13	42.6733	105.1221821	105.175765	1.446336	105.158891	
2010	227	2200	227.916666667		08/15/2010 22:00	144.3	2.02697	0.371	17.53	0.401	12.99	42.6836	105.1190388	105.172622	1.443036	105.155591	
2010	227	2300	227.958333333		08/15/2010 23:00	144.04	2.02332	0.371	17.53	0.401	12.99	42.6917	105.1165623	105.170146	1.440436	105.152991	
2010	227	2400	228.000000000		08/16/2010 0:00	144	2.02276	0.371	17.58	0.4	12.97	42.6930	105.1161813	105.169765	1.440036	105.152591	
2010	228	100	228.041666667		08/16/2010 1:00	143.95	2.02205	0.371	17.56	0.401	12.97	42.6945	105.1157051	105.169288	1.439536	105.152091	
2010	228	200	228.083333333		08/16/2010 2:00	144.02	2.02304	0.371	17.57	0.4	12.96	42.6923	105.1163718	105.169955	1.440236	105.152791	
2010	228	300	228.125000000		08/16/2010 3:00	144.17	2.02514	0.371	17.57	0.401	12.96	42.6877	105.1178006	105.171384	1.441736	105.154291	
2010	228	400	228.166666667		08/16/2010 4:00	144.36	2.02781	0.371	17.58	0.401	12.95	42.6817	105.1196103	105.173194	1.443636	105.156191	
2010	228	500	228.208333333		08/16/2010 5:00	144.59	2.03104	0.371	17.58	0.4	12.95	42.6745	105.1218011	105.175384	1.445936	105.158491	
2010	228	600	228.250000000		08/16/2010 6:00	144.69	2.03245	0.371	17.58	0.4	13.34	42.6714	105.1227536	105.176337	1.446936	105.159491	
2010	228	700	228.291666667		08/16/2010 7:00	144.67	2.03217	0.371	17.59	0.401	13.56	42.6720	105.1225631	105.176146	1.446736	105.159291	
2010	228	800	228.333333333		08/16/2010 8:00	144.58	2.03090	0.371	17.58	0.401	13.47	42.6748	105.1217058	105.175289	1.445836	105.158391	
2010	228	900	228.375000000		08/16/2010 9:00	144.37	2.02795	0.371	17.58	0.401	13.39	42.6814	105.1197056	105.173289	1.443736	105.156291	
2010	228	1000	228.416666667		08/16/2010 10:00	144.1	2.02416	0.371	17.59	0.401	13.31	42.6898	105.1171338	105.170717	1.441036	105.153591	
2010	228	1100	228.458333333		08/16/2010 11:00	143.92	2.02163	0.371	17.6	0.401	13.27	42.6955	105.1154193	105.169003	1.439235	105.151791	
2010	228	1200	228.500000000		08/16/2010 12:00	143.22	2.01180	0.371	17.58	0.401	13.26	42.7173	105.1087518	105.162335	1.432235	105.144791	
2010	228	1300	228.541666667		08/16/2010 13:00	142.95	2.00801	0.371	17.57	0.401	13.21	42.7258	105.10618	105.159763	1.429535	105.142091	
2010	228	1400	228.583333333		08/16/2010 14:00	142.69	2.00435	0.371	17.61	0.401	13.16	42.7339	105.1037035	105.157287	1.426935	105.139491	
2010	228	1500	228.625000000		08/16/2010 15:00	142.48	2.00140	0.371	17.62	0.401	13.14	42.7405	105.1017032	105.155286	1.424835	105.137391	
2010	228	1600	228.666666667		08/16/2010 16:00	142.26	1.99831	0.371	17.62	0.4	13.13	42.7474	105.0996077	105.153191	1.422635	105.135191	
2010	228	1700	228.708333333		08/16/2010 17:00	142.03	1.99508	0.371	17.61	0.401	13.14	42.7545	105.097417	105.151000	1.420335	105.132891	
2010	228	1800	228.750000000		08/16/2010 18:00	141.88	1.99298	0.371	17.61	0.401	13.06	42.7592	105.0959882	105.149571	1.418835	105.131391	
2010	228	1900	228.791666667		08/16/2010 19:00	141.83	1.99227	0.371	17.57	0.401	13.02	42.7608	105.0955119	105.149095	1.418335	105.130891	
2010	228	2000	228.833333333		08/16/2010 20:00	141.9	1.99326	0.371	17.58	0.4	13.01	42.7586	105.0961787	105.149762	1.419035	105.131591	
2010	228	2100	228.875000000		08/16/2010 21:00	142.09	1.99593	0.371	17.58	0.401	13	42.7527	105.0979885	105.151572	1.420935	105.133491	
2010	228	2200	228.916666667		08/16/2010 22:00	142.38	2.00000	0.371	17.57	0.401	12.98	42.7436	105.1007507	105.154334	1.423835	105.136391	
2010	228	2300	228.958333333		08/16/2010 23:00	143.81	2.02009	0.371	17.59	0.4	12.97	42.6989	105.1143715	105.167955	1.438135	105.150691	
2010	228	2400	229.000000000		08/17/2010 0:00	144.27	2.02655	0.371	17.58	0.401	12.97	42.6845	105.1187531	105.172336	1.442736	105.155291	
2010	229	100	229.041666667		08/17/2010 1:00	144.6	2.03118	0.371	17.58	0.401	12.96	42.6742	105.1218963	105.175480	1.446036	105.158591	
2010	229	200	229.083333333		08/17/2010 2:00	144.89	2.03526	0.371	17.59	0.401	12.96	42.6652	105.1246586	105.178242	1.448936	105.161491	
2010	229	300	229.125000000		08/17/2010 3:00	145.32	2.04130	0.371	17.58	0.401	12.95	42.6517	105.1287544	105.182338	1.453236	105.165791	
2010	229	400	229.166666667		08/17/2010 4:00	195.04	2.73971	0.371	17.57	0.401	12.95	41.0980	105.60234	105.655923	1.950448	105.663004	
2010	229	500	229.208333333		08/17/2010 5:00	188.03	2.64124	0.371	17.59	0.401	12.95	41.3170	105.5355694	105.589153	1.880346	105.592902	
2010	229	600	229.250000000		08/17/2010 6:00	184.22	2.58772	0.371	17.59	0.4	13.33	41.4361	105.499279	105.552862	1.842245	105.554801	
2010	229	700	229.291666667		08/17/2010 7:00	181.84	2.55429	0.371	17.58	0.4	13.57	41.5105	105.4766093	105.530193	1.818445	105.531000	
2010	229	800	229.333333333		08/17/2010 8:00	181.62	2.55120	0.371	17.6	0.4	13.47	41.5173	105.4745138	105.528097	1.816245	105.528800	
2010	229	900	229.375000000		08/17/2010 9:00	181.31	2.54685	0.371	17.55	0.4	13.38	41.5270	105.4715611	105.525144	1.813145	105.525700	
2010	229	1000	229.416666667		08/17/2010 10:00	180.35	2.53336	0.37	17.58	0.4	13.31	41.5570	105.462417	105.516000	1.803544	105.516100	
2010	229	1100	229.458333333		08/17/2010 11:00	179.43	2.52044	0.37	17.6	0.4	13.24	41.5858	105.453654	105.507237	1.794344	105.506900	
2010	229	1200	229.500000000		08/17/2010 12:00	178.19	2.50302	0.37	17.6	0.4	13.23	41.6245	105.4418429	105.495426	1.781944	105.494500	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	229	1300	229.541666667		08/17/2010 13:00	177.01	2.48644	0.37	17.57	0.4	13.18	41.6614	105.4306033	105.484187	1.770144	105.482699	
2010	229	1400	229.583333333		08/17/2010 14:00	175.86	2.47029	0.37	17.62	0.4	13.14	41.6973	105.4196495	105.473233	1.758643	105.471199	
2010	229	1500	229.625000000		08/17/2010 15:00	174.6	2.45259	0.37	17.61	0.4	13.12	41.7367	105.4076479	105.461231	1.746043	105.458599	
2010	229	1600	229.666666667		08/17/2010 16:00	172.96	2.42955	0.37	17.61	0.4	13.1	41.7880	105.3920269	105.445610	1.729643	105.442198	
2010	229	1700	229.708333333		08/17/2010 17:00	171.2	2.40483	0.37	17.58	0.4	13.12	41.8430	105.3752628	105.428846	1.712042	105.424598	
2010	229	1800	229.750000000		08/17/2010 18:00	167.72	2.35595	0.37	17.57	0.399	13.11	41.9517	105.3421156	105.395699	1.677241	105.389797	
2010	229	1900	229.791666667		08/17/2010 19:00	162.75	2.28614	0.37	17.57	0.399	13.04	42.1070	105.2947761	105.348359	1.627540	105.340096	
2010	229	2000	229.833333333		08/17/2010 20:00	160.31	2.25186	0.37	17.57	0.399	13.02	42.1833	105.2715349	105.325118	1.603140	105.315695	
2010	229	2100	229.875000000		08/17/2010 21:00	157.35	2.21028	0.37	17.57	0.399	13	42.2758	105.2433408	105.296924	1.573539	105.286094	
2010	229	2200	229.916666667		08/17/2010 22:00	155.84	2.18907	0.369	17.57	0.399	13	42.3230	105.2289579	105.282541	1.558438	105.270994	
2010	229	2300	229.958333333		08/17/2010 23:00	156.47	2.19792	0.369	17.57	0.399	12.99	42.3033	105.2349587	105.288542	1.564739	105.277294	
2010	229	2400	230.000000000		08/18/2010 0:00	156.47	2.19792	0.369	17.59	0.399	12.98	42.3033	105.2349587	105.288542	1.564739	105.277294	
2010	230	100	230.041666667		08/18/2010 1:00	155.66	2.18654	0.369	17.57	0.399	12.98	42.3286	105.2272434	105.280827	1.556638	105.269194	
2010	230	200	230.083333333		08/18/2010 2:00	155.31	2.18163	0.369	17.57	0.399	12.98	42.3395	105.2239097	105.277493	1.553138	105.265694	
2010	230	300	230.125000000		08/18/2010 3:00	154.91	2.17601	0.369	17.58	0.399	12.97	42.3520	105.2200996	105.273683	1.549138	105.261694	
2010	230	400	230.166666667		08/18/2010 4:00	155.23	2.18050	0.369	17.58	0.398	12.97	42.3420	105.2231477	105.276731	1.552338	105.264894	
2010	230	500	230.208333333		08/18/2010 5:00	155.08	2.17840	0.369	17.58	0.398	12.97	42.3467	105.2217189	105.275302	1.550838	105.263394	
2010	230	600	230.250000000		08/18/2010 6:00	155.41	2.18303	0.369	17.59	0.398	12.96	42.3364	105.2248622	105.278445	1.554138	105.266694	
2010	230	700	230.291666667		08/18/2010 7:00	155.73	2.18753	0.368	17.57	0.398	13.42	42.3264	105.2279102	105.281493	1.557338	105.269894	
2010	230	800	230.333333333		08/18/2010 8:00	155.87	2.18949	0.368	17.59	0.398	13.42	42.3220	105.2292437	105.282827	1.558738	105.271294	
2010	230	900	230.375000000		08/18/2010 9:00	156.07	2.19230	0.368	17.58	0.398	13.4	42.3158	105.2311487	105.284732	1.560738	105.273294	
2010	230	1000	230.416666667		08/18/2010 10:00	156	2.19132	0.368	17.58	0.398	13.41	42.3180	105.2304819	105.284065	1.560038	105.272594	
2010	230	1100	230.458333333		08/18/2010 11:00	155.89	2.18977	0.368	17.59	0.398	13.41	42.3214	105.2294342	105.283017	1.558938	105.271494	
2010	230	1200	230.500000000		08/18/2010 12:00	155.75	2.18781	0.368	17.59	0.398	13.37	42.3258	105.2281007	105.281684	1.557538	105.270094	
2010	230	1300	230.541666667		08/18/2010 13:00	155.6	2.18570	0.368	17.59	0.398	13.33	42.3305	105.2266719	105.280255	1.556038	105.268594	
2010	230	1400	230.583333333		08/18/2010 14:00	155.39	2.18275	0.368	17.6	0.398	13.27	42.3370	105.2246717	105.278255	1.553938	105.266494	
2010	230	1500	230.625000000		08/18/2010 15:00	155.21	2.18022	0.368	17.6	0.398	13.22	42.3427	105.2229572	105.276540	1.552138	105.264694	
2010	230	1600	230.666666667		08/18/2010 16:00	155.18	2.17980	0.368	17.57	0.397	13.17	42.3436	105.2226714	105.276255	1.551838	105.264394	
2010	230	1700	230.708333333		08/18/2010 17:00	155.2	2.18008	0.368	17.57	0.397	13.17	42.3430	105.2228619	105.276445	1.552038	105.264594	
2010	230	1800	230.750000000		08/18/2010 18:00	155.26	2.18092	0.368	17.56	0.397	13.1	42.3411	105.2234334	105.277017	1.552638	105.265194	
2010	230	1900	230.791666667		08/18/2010 19:00	155.38	2.18261	0.368	17.59	0.397	13.06	42.3373	105.2245764	105.278160	1.553838	105.266394	
2010	230	2000	230.833333333		08/18/2010 20:00	155.58	2.18542	0.368	17.59	0.397	13.04	42.3311	105.2264814	105.280065	1.555838	105.268394	
2010	230	2100	230.875000000		08/18/2010 21:00	155.83	2.18893	0.367	17.59	0.397	13.02	42.3233	105.2288627	105.282446	1.558338	105.270894	
2010	230	2200	230.916666667		08/18/2010 22:00	156.3	2.19553	0.367	17.59	0.397	13.01	42.3086	105.2333395	105.286923	1.563039	105.275594	
2010	230	2300	230.958333333		08/18/2010 23:00	156.76	2.20199	0.367	17.59	0.397	12.99	42.2942	105.237721	105.291304	1.567639	105.280194	
2010	230	2400	231.000000000		08/19/2010 0:00	157.24	2.20874	0.367	17.61	0.397	12.99	42.2792	105.242293	105.295876	1.572439	105.284994	
2010	231	100	231.041666667		08/19/2010 1:00	157.62	2.21408	0.367	17.59	0.396	12.98	42.2673	105.2459125	105.299496	1.576239	105.288794	
2010	231	200	231.083333333		08/19/2010 2:00	158.08	2.22054	0.367	17.59	0.397	12.97	42.2530	105.2502941	105.303877	1.580839	105.293395	
2010	231	300	231.125000000		08/19/2010 3:00	158.5	2.22644	0.367	17.59	0.396	12.96	42.2398	105.2542946	105.307878	1.585039	105.297595	
2010	231	400	231.166666667		08/19/2010 4:00	159.01	2.23360	0.367	17.6	0.396	12.95	42.2239	105.2591524	105.312736	1.590139	105.302695	
2010	231	500	231.208333333		08/19/2010 5:00	159.44	2.23964	0.367	17.57	0.396	12.95	42.2105	105.2632481	105.316831	1.594439	105.306995	
2010	231	600	231.250000000		08/19/2010 6:00	159.83	2.24512	0.367	17.59	0.396	13.33	42.1983	105.2669629	105.320546	1.598339	105.310895	
2010	231	700	231.291666667		08/19/2010 7:00	160.17	2.24989	0.367	17.59	0.396	13.57	42.1877	105.2702014	105.323785	1.601740	105.314295	
2010	231	800	231.333333333		08/19/2010 8:00	160.54	2.25509	0.367	17.61	0.396	13.5	42.1761	105.2737257	105.327309	1.605440	105.317995	
2010	231	900	231.375000000		08/19/2010 9:00	160.81	2.25888	0.366	17.59	0.396	13.43	42.1677	105.2762975	105.329881	1.608140	105.320695	
2010	231	1000	231.416666667		08/19/2010 10:00	160.79	2.25860	0.366	17.59	0.396	13.37	42.1683	105.276107	105.329690	1.607940	105.320495	
2010	231	1100	231.458333333		08/19/2010 11:00	160.47	2.25411	0.366	17.59	0.396	13.33	42.1783	105.2730589	105.326642	1.604740	105.317295	
2010	231	1200	231.500000000		08/19/2010 12:00	158.83	2.23107	0.366	17.59	0.396	13.32	42.2295	105.2574379	105.311021	1.588339	105.300895	
2010	231	1300	231.541666667		08/19/2010 13:00	156.77	2.20214	0.367	17.58	0.396	13.27	42.2939	105.2378162	105.291399	1.567739	105.280294	
2010	231	1400	231.583333333		08/19/2010 14:00	155.95	2.19062	0.366	17.58	0.396	13.22	42.3195	105.2300057	105.283589	1.559538	105.272094	
2010	231	1500	231.625000000		08/19/2010 15:00	159.14	2.23543	0.366	17.59	0.396	13.19	42.2198	105.2603906	105.313974	1.591439	105.303995	
2010	231	1600	231.666666667		08/19/2010 16:00	158.45	2.22573	0.366	17.58	0.396	13.19	42.2414	105.2538183	105.307402	1.584539	105.297095	
2010	231	1700	231.708333333		08/19/2010 17:00	157.77	2.21618	0.367	17.61	0.396	13.2	42.2627	105.2473413	105.300925	1.577739	105.290294	
2010	231	1800	231.750000000		08/19/2010 18:00	157.39	2.21084	0.366	17.59	0.396	13.12	42.2745	105.2437218	105.297305	1.573939	105.286494	
2010	231	1900	231.791666667		08/19/2010 19:00	157.12	2.20705	0.366	17.59	0.395	13.07	42.2830	105.24115	105.294733	1.571239	105.283794	
2010	231	2000	231.833333333		08/19/2010 20:00	156.62	2.20003	0.366	17.6	0.396	13.05	42.2986	105.2363875	105.289971	1.566239	105.278794	
2010	231	2100	231.875000000		08/19/2010 21:00	156.26	2.19497	0.366	17.59	0.395	13.03	42.3098	105.2329585	105.286542	1.562639	105.275194	
2010	231	2200	231.916666667		08/19/2010 22:00	155.75	2.18781	0.366	17.6	0.396	13.01	42.3258	105.2281007	105.281684	1.557538	105.270094	
2010	231	2300	231.958333333		08/19/2010 23:00	155.32	2.18177	0.366	17.6	0.396	13	42.3392	105.2240049	105.277588	1.553238	105.265794	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	231	2400	232.000000000		08/20/2010 0:00	155.24	2.18064	0.366	17.59	0.396	12.99	42.3417	105.2232429	105.276826	1.552438	105.264994	
2010	232	100	232.041666667		08/20/2010 1:00	155	2.17727	0.366	17.59	0.396	12.99	42.3492	105.2209569	105.274540	1.550038	105.262594	
2010	232	200	232.083333333		08/20/2010 2:00	155.14	2.17924	0.366	17.59	0.395	12.97	42.3448	105.2222904	105.275874	1.551438	105.263994	
2010	232	300	232.125000000		08/20/2010 3:00	154.87	2.17545	0.366	17.59	0.395	12.97	42.3533	105.2197186	105.273302	1.548738	105.261294	
2010	232	400	232.166666667		08/20/2010 4:00	154.67	2.17264	0.366	17.58	0.395	12.95	42.3595	105.2178136	105.271397	1.546738	105.259294	
2010	232	500	232.208333333		08/20/2010 5:00	154.5	2.17025	0.366	17.59	0.395	12.94	42.3648	105.2161944	105.269778	1.545038	105.257594	
2010	232	600	232.250000000		08/20/2010 6:00	154.35	2.16814	0.366	17.59	0.395	13.71	42.3695	105.2147656	105.268349	1.543538	105.256094	
2010	232	700	232.291666667		08/20/2010 7:00	154.03	2.16365	0.366	17.6	0.395	13.68	42.3795	105.2117176	105.265301	1.540338	105.252894	
2010	232	800	232.333333333		08/20/2010 8:00	153.84	2.16098	0.366	17.6	0.395	13.57	42.3855	105.2099078	105.263491	1.538438	105.250994	
2010	232	900	232.375000000		08/20/2010 9:00	153.62	2.15789	0.366	17.59	0.395	13.49	42.3923	105.2078123	105.261396	1.536238	105.248793	
2010	232	1000	232.416666667		08/20/2010 10:00	153.36	2.15424	0.366	17.59	0.395	13.44	42.4005	105.2053358	105.258919	1.533638	105.246193	
2010	232	1100	232.458333333		08/20/2010 11:00	153.07	2.15016	0.366	17.59	0.395	13.4	42.4095	105.2025735	105.256157	1.530738	105.243293	
2010	232	1200	232.500000000		08/20/2010 12:00	152.67	2.14454	0.366	17.6	0.395	13.4	42.4220	105.1987635	105.252347	1.526738	105.239293	
2010	232	1300	232.541666667		08/20/2010 13:00	152.32	2.13963	0.366	17.6	0.395	13.35	42.4330	105.1954298	105.249013	1.523238	105.235793	
2010	232	1400	232.583333333		08/20/2010 14:00	151.86	2.13316	0.366	17.58	0.395	13.3	42.4473	105.1910482	105.244631	1.518637	105.231193	
2010	232	1500	232.625000000		08/20/2010 15:00	151.45	2.12741	0.366	17.6	0.395	13.28	42.4602	105.187143	105.240726	1.514537	105.227093	
2010	232	1600	232.666666667		08/20/2010 16:00	150.99	2.12094	0.366	17.59	0.395	13.27	42.4745	105.1827614	105.236345	1.509937	105.222493	
2010	232	1700	232.708333333		08/20/2010 17:00	150.53	2.11448	0.366	17.6	0.395	13.3	42.4889	105.1783799	105.231963	1.505337	105.217893	
2010	232	1800	232.750000000		08/20/2010 18:00	150.11	2.10858	0.366	17.6	0.395	13.2	42.5020	105.1743794	105.227963	1.501137	105.213693	
2010	232	1900	232.791666667		08/20/2010 19:00	149.75	2.10353	0.366	17.62	0.395	13.14	42.5133	105.1709504	105.224534	1.497537	105.210093	
2010	232	2000	232.833333333		08/20/2010 20:00	149.48	2.09973	0.366	17.6	0.395	13.11	42.5217	105.1683786	105.221962	1.494837	105.207392	
2010	232	2100	232.875000000		08/20/2010 21:00	149.47	2.09959	0.366	17.6	0.395	13.08	42.5220	105.1682833	105.221867	1.494737	105.207292	
2010	232	2200	232.916666667		08/20/2010 22:00	149.59	2.10128	0.366	17.6	0.395	13.07	42.5183	105.1694264	105.223010	1.495937	105.208492	
2010	232	2300	232.958333333		08/20/2010 23:00	149.79	2.10409	0.366	17.59	0.395	13.05	42.5120	105.1713314	105.224915	1.497937	105.210493	
2010	232	2400	233.000000000		08/21/2010 0:00	149.95	2.10634	0.366	17.6	0.395	13.04	42.5070	105.1728554	105.226439	1.499537	105.212093	
2010	233	100	233.041666667		08/21/2010 1:00	150.25	2.11055	0.366	17.6	0.395	13.03	42.4977	105.1757129	105.229296	1.502537	105.215093	
2010	233	200	233.083333333		08/21/2010 2:00	150.5	2.11406	0.366	17.6	0.395	13.01	42.4898	105.1780942	105.231677	1.505037	105.217593	
2010	233	300	233.125000000		08/21/2010 3:00	151.03	2.12151	0.366	17.6	0.395	13.01	42.4733	105.1831424	105.236726	1.510337	105.222893	
2010	233	400	233.166666667		08/21/2010 4:00	151.28	2.12502	0.366	17.6	0.395	13	42.4655	105.1855237	105.239107	1.512837	105.225393	
2010	233	500	233.208333333		08/21/2010 5:00	151.54	2.12867	0.366	17.6	0.395	12.99	42.4573	105.1880002	105.241583	1.515437	105.227993	
2010	233	600	233.250000000		08/21/2010 6:00	151.89	2.13359	0.366	17.6	0.395	13.07	42.4464	105.191334	105.244917	1.518937	105.231493	
2010	233	700	233.291666667		08/21/2010 7:00	152.21	2.13808	0.366	17.6	0.395	13.64	42.4364	105.194382	105.247965	1.522138	105.234693	
2010	233	800	233.333333333		08/21/2010 8:00	152.5	2.14215	0.366	17.59	0.395	13.61	42.4273	105.1971443	105.250728	1.525038	105.237593	
2010	233	900	233.375000000		08/21/2010 9:00	152.59	2.14342	0.366	17.6	0.395	13.54	42.4245	105.1980015	105.251585	1.525938	105.238493	
2010	233	1000	233.416666667		08/21/2010 10:00	152.72	2.14525	0.366	17.6	0.395	13.45	42.4205	105.1992398	105.252823	1.527238	105.239793	
2010	233	1100	233.458333333		08/21/2010 11:00	152.66	2.14440	0.365	17.61	0.395	13.4	42.4223	105.1986683	105.252252	1.526638	105.239193	
2010	233	1200	233.500000000		08/21/2010 12:00	152.49	2.14201	0.366	17.6	0.395	13.39	42.4277	105.197049	105.250632	1.524938	105.237493	
2010	233	1300	233.541666667		08/21/2010 13:00	152.2	2.13794	0.366	17.59	0.395	13.35	42.4367	105.1942867	105.247870	1.522038	105.234593	
2010	233	1400	233.583333333		08/21/2010 14:00	151.86	2.13316	0.365	17.58	0.395	13.3	42.4473	105.1910482	105.244631	1.518637	105.231193	
2010	233	1500	233.625000000		08/21/2010 15:00	151.54	2.12867	0.365	17.59	0.394	13.29	42.4573	105.1880002	105.241583	1.515437	105.227993	
2010	233	1600	233.666666667		08/21/2010 16:00	151.07	2.12207	0.365	17.61	0.394	13.31	42.4720	105.1835234	105.237107	1.510737	105.223293	
2010	233	1700	233.708333333		08/21/2010 17:00	150.58	2.11518	0.365	17.59	0.394	13.29	42.4873	105.1788562	105.232439	1.505837	105.218393	
2010	233	1800	233.750000000		08/21/2010 18:00	150.16	2.10929	0.365	17.59	0.394	13.19	42.5005	105.1748556	105.228439	1.501637	105.214193	
2010	233	1900	233.791666667		08/21/2010 19:00	149.78	2.10395	0.365	17.6	0.394	13.14	42.5123	105.1712361	105.224819	1.497837	105.210393	
2010	233	2000	233.833333333		08/21/2010 20:00	149.42	2.09889	0.365	17.61	0.394	13.1	42.5236	105.1678071	105.221390	1.494237	105.206792	
2010	233	2100	233.875000000		08/21/2010 21:00	149.16	2.09524	0.365	17.58	0.394	13.09	42.5317	105.1653306	105.218914	1.491637	105.204192	
2010	233	2200	233.916666667		08/21/2010 22:00	148.77	2.08976	0.365	17.59	0.394	13.07	42.5439	105.1616158	105.215199	1.487737	105.200292	
2010	233	2300	233.958333333		08/21/2010 23:00	148.55	2.08667	0.365	17.59	0.394	13.06	42.5508	105.1595203	105.213104	1.485537	105.198092	
2010	233	2400	234.000000000		08/22/2010 0:00	148.42	2.08484	0.365	17.59	0.394	13.04	42.5548	105.158282	105.211865	1.484237	105.196792	
2010	234	100	234.041666667		08/22/2010 1:00	148.32	2.08344	0.365	17.61	0.394	13.03	42.5580	105.1573295	105.210913	1.483237	105.195792	
2010	234	200	234.083333333		08/22/2010 2:00	148.5	2.08597	0.365	17.61	0.394	13.02	42.5523	105.159044	105.212627	1.485037	105.197592	
2010	234	300	234.125000000		08/22/2010 3:00	148.69	2.08864	0.365	17.61	0.394	13.01	42.5464	105.1608538	105.214437	1.486937	105.199492	
2010	234	400	234.166666667		08/22/2010 4:00	148.9	2.09159	0.365	17.61	0.394	13.01	42.5398	105.1628541	105.216437	1.489037	105.201592	
2010	234	500	234.208333333		08/22/2010 5:00	149.18	2.09552	0.365	17.62	0.394	12.99	42.5311	105.1655211	105.219104	1.491837	105.204392	
2010	234	600	234.250000000		08/22/2010 6:00	149.34	2.09777	0.365	17.6	0.394	13.26	42.5261	105.1670451	105.220628	1.493437	105.205992	
2010	234	700	234.291666667		08/22/2010 7:00	149.48	2.09973	0.365	17.6	0.394	13.67	42.5217	105.1683786	105.221962	1.494837	105.207392	
2010	234	800	234.333333333		08/22/2010 8:00	149.51	2.10015	0.365	17.61	0.394	13.61	42.5208	105.1686644	105.222248	1.495137	105.207692	
2010	234	900	234.375000000		08/22/2010 9:00	149.35	2.09791	0.365	17.59	0.394	13.53	42.5258	105.1671403	105.220724	1.493537	105.206092	
2010	234	1000	234.416666667		08/22/2010 10:00	149.18	2.09552	0.365	17.61	0.394	13.47	42.5311	105.1655211	105.219104	1.491837	105.204392	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	234	1100	234.458333333		08/22/2010 11:00	148.93	2.09201	0.365	17.63	0.394	13.43	42.5389	105.1631398	105.216723	1.489337	105.201892	
2010	234	1200	234.500000000		08/22/2010 12:00	148.72	2.08906	0.365	17.61	0.394	13.42	42.5455	105.1611396	105.214723	1.487237	105.199792	
2010	234	1300	234.541666667		08/22/2010 13:00	148.29	2.08302	0.365	17.6	0.394	13.39	42.5589	105.1570438	105.210627	1.482937	105.195492	
2010	234	1400	234.583333333		08/22/2010 14:00	147.92	2.07782	0.365	17.59	0.394	13.38	42.5705	105.1535195	105.207103	1.479236	105.191792	
2010	234	1500	234.625000000		08/22/2010 15:00	147.62	2.07361	0.365	17.59	0.394	13.41	42.5798	105.150662	105.204245	1.476236	105.188792	
2010	234	1600	234.666666667		08/22/2010 16:00	147.29	2.06897	0.365	17.6	0.394	13.41	42.5902	105.1475187	105.201102	1.472936	105.185492	
2010	234	1700	234.708333333		08/22/2010 17:00	146.81	2.06223	0.365	17.6	0.394	13.43	42.6052	105.1429467	105.196530	1.468136	105.180692	
2010	234	1800	234.750000000		08/22/2010 18:00	146.48	2.05759	0.364	17.6	0.394	13.33	42.6155	105.1398034	105.193387	1.464836	105.177392	
2010	234	1900	234.791666667		08/22/2010 19:00	146	2.05085	0.364	17.6	0.394	13.23	42.6305	105.1352314	105.188815	1.460036	105.172592	
2010	234	2000	234.833333333		08/22/2010 20:00	145.48	2.04355	0.364	17.6	0.394	13.19	42.6467	105.1302784	105.183862	1.454836	105.167391	
2010	234	2100	234.875000000		08/22/2010 21:00	144.95	2.03610	0.364	17.6	0.394	13.16	42.6633	105.1252301	105.178813	1.449536	105.162091	
2010	234	2200	234.916666667		08/22/2010 22:00	144.37	2.02795	0.364	17.61	0.393	13.12	42.6814	105.1197056	105.173289	1.443736	105.156291	
2010	234	2300	234.958333333		08/22/2010 23:00	143.85	2.02065	0.364	17.61	0.394	13.1	42.6977	105.1147525	105.168336	1.438535	105.151091	
2010	234	2400	235.000000000		08/23/2010 0:00	143.42	2.01461	0.365	17.61	0.394	13.07	42.7111	105.1106568	105.164240	1.434235	105.146791	
2010	235	100	235.041666667		08/23/2010 1:00	142.87	2.00688	0.364	17.62	0.393	13.05	42.7283	105.105418	105.159001	1.428735	105.141291	
2010	235	200	235.083333333		08/23/2010 2:00	142.32	1.99916	0.365	17.61	0.394	13.04	42.7455	105.1001792	105.153762	1.423235	105.135791	
2010	235	300	235.125000000		08/23/2010 3:00	141.79	1.99171	0.364	17.61	0.393	13.03	42.7620	105.0951309	105.148714	1.417935	105.130491	
2010	235	400	235.166666667		08/23/2010 4:00	141.27	1.98441	0.364	17.61	0.393	13.02	42.7783	105.0901779	105.143761	1.412735	105.125290	
2010	235	500	235.208333333		08/23/2010 5:00	140.63	1.97542	0.364	17.61	0.393	13.01	42.7983	105.0840819	105.137665	1.406335	105.118890	
2010	235	600	235.250000000		08/23/2010 6:00	140.05	1.96727	0.365	17.61	0.394	13.69	42.8164	105.0785573	105.132141	1.400535	105.113090	
2010	235	700	235.291666667		08/23/2010 7:00	139.6	1.96095	0.365	17.61	0.394	13.74	42.8305	105.0742711	105.127854	1.396034	105.108590	
2010	235	800	235.333333333		08/23/2010 8:00	138.99	1.95238	0.365	17.61	0.394	13.67	42.8495	105.0684608	105.122044	1.389934	105.102490	
2010	235	900	235.375000000		08/23/2010 9:00	138.41	1.94423	0.365	17.61	0.394	13.59	42.8677	105.0629363	105.116520	1.384134	105.096690	
2010	235	1000	235.416666667		08/23/2010 10:00	137.82	1.93595	0.365	17.61	0.394	13.52	42.8861	105.0573165	105.110900	1.378234	105.090790	
2010	235	1100	235.458333333		08/23/2010 11:00	137.17	1.92682	0.366	17.61	0.395	13.47	42.9064	105.0511252	105.104708	1.371734	105.084289	
2010	235	1200	235.500000000		08/23/2010 12:00	136.62	1.91909	0.366	17.62	0.395	13.48	42.9236	105.0458864	105.099470	1.366234	105.078789	
2010	235	1300	235.541666667		08/23/2010 13:00	136.02	1.91066	0.366	17.62	0.396	13.43	42.9424	105.0401714	105.093755	1.360234	105.072789	
2010	235	1400	235.583333333		08/23/2010 14:00	135.39	1.90181	0.367	17.61	0.397	13.38	42.9620	105.0341706	105.087754	1.353933	105.066489	
2010	235	1500	235.625000000		08/23/2010 15:00	134.72	1.89240	0.368	17.6	0.397	13.37	42.9830	105.0277888	105.081372	1.347233	105.059789	
2010	235	1600	235.666666667		08/23/2010 16:00	134.15	1.88439	0.368	17.62	0.397	13.37	43.0008	105.0223595	105.075943	1.341533	105.054089	
2010	235	1700	235.708333333		08/23/2010 17:00	133.51	1.87540	0.368	17.62	0.397	13.39	43.0208	105.0162635	105.069847	1.335133	105.047688	
2010	235	1800	235.750000000		08/23/2010 18:00	132.88	1.86655	0.368	17.6	0.398	13.28	43.0405	105.0102627	105.063846	1.328833	105.041388	
2010	235	1900	235.791666667		08/23/2010 19:00	132.37	1.85939	0.368	17.61	0.397	13.2	43.0564	105.0054049	105.058988	1.323733	105.036288	
2010	235	2000	235.833333333		08/23/2010 20:00	131.88	1.85251	0.368	17.61	0.397	13.17	43.0717	105.0007377	105.054321	1.318833	105.031388	
2010	235	2100	235.875000000		08/23/2010 21:00	131.59	1.84843	0.368	17.61	0.398	13.13	43.0808	104.9979754	105.051559	1.315932	105.028488	
2010	235	2200	235.916666667		08/23/2010 22:00	131.39	1.84562	0.368	17.61	0.398	13.1	43.0870	104.9960704	105.049654	1.313932	105.026488	
2010	235	2300	235.958333333		08/23/2010 23:00	131.28	1.84408	0.369	17.61	0.398	13.08	43.0905	104.9950226	105.048606	1.312832	105.025388	
2010	235	2400	236.000000000		08/24/2010 0:00	131.25	1.84366	0.369	17.61	0.398	13.06	43.0914	104.9947369	105.048320	1.312532	105.025088	
2010	236	100	236.041666667		08/24/2010 1:00	131.08	1.84127	0.369	17.6	0.398	13.05	43.0967	104.9931176	105.046701	1.310832	105.023388	
2010	236	200	236.083333333		08/24/2010 2:00	130.99	1.84001	0.369	17.62	0.398	13.03	43.0995	104.9922604	105.045844	1.309932	105.022488	
2010	236	300	236.125000000		08/24/2010 3:00	130.81	1.83748	0.369	17.61	0.398	13.02	43.1052	104.9905459	105.044129	1.308132	105.020688	
2010	236	400	236.166666667		08/24/2010 4:00	130.63	1.83495	0.369	17.64	0.398	13.01	43.1108	104.9888313	105.042415	1.306332	105.018888	
2010	236	500	236.208333333		08/24/2010 5:00	130.4	1.83172	0.369	17.61	0.398	13	43.1180	104.9866406	105.040224	1.304032	105.016588	
2010	236	600	236.250000000		08/24/2010 6:00	130.14	1.82807	0.369	17.62	0.398	13.72	43.1261	104.9841641	105.037747	1.301432	105.013988	
2010	236	700	236.291666667		08/24/2010 7:00	130.01	1.82624	0.369	17.62	0.398	13.76	43.1302	104.9829258	105.036509	1.300132	105.012688	
2010	236	800	236.333333333		08/24/2010 8:00	129.87	1.82427	0.369	17.62	0.398	13.66	43.1345	104.9815923	105.035176	1.298732	105.011288	
2010	236	900	236.375000000		08/24/2010 9:00	129.63	1.82090	0.369	17.63	0.398	13.55	43.1420	104.9793063	105.032890	1.296332	105.008888	
2010	236	1000	236.416666667		08/24/2010 10:00	129.41	1.81781	0.369	17.62	0.398	13.48	43.1489	104.9772108	105.030794	1.294132	105.006687	
2010	236	1100	236.458333333		08/24/2010 11:00	129.18	1.81458	0.369	17.62	0.398	13.44	43.1561	104.97502	105.028603	1.291832	105.004387	
2010	236	1200	236.500000000		08/24/2010 12:00	128.75	1.80854	0.369	17.61	0.398	13.43	43.1695	104.9709242	105.024507	1.287532	105.000087	
2010	236	1300	236.541666667		08/24/2010 13:00	128.41	1.80376	0.369	17.6	0.399	13.37	43.1802	104.9676857	105.021269	1.284132	104.996687	
2010	236	1400	236.583333333		08/24/2010 14:00	128.04	1.79857	0.369	17.63	0.398	13.3	43.1917	104.9641615	105.017745	1.280432	104.992987	
2010	236	1500	236.625000000		08/24/2010 15:00	127.68	1.79351	0.369	17.62	0.398	13.27	43.2030	104.9607324	105.014316	1.276831	104.989387	
2010	236	1600	236.666666667		08/24/2010 16:00	127.22	1.78705	0.369	17.61	0.399	13.25	43.2174	104.9563509	105.009934	1.272231	104.984787	
2010	236	1700	236.708333333		08/24/2010 17:00	126.88	1.78227	0.369	17.65	0.398	13.25	43.2280	104.9531124	105.006696	1.268831	104.981387	
2010	236	1800	236.750000000		08/24/2010 18:00	126.52	1.77722	0.369	17.62	0.399	13.17	43.2392	104.9496834	105.003267	1.265231	104.977787	
2010	236	1900	236.791666667		08/24/2010 19:00	126.23	1.77314	0.369	17.61	0.399	13.11	43.2483	104.9469211	105.000504	1.262331	104.974887	
2010	236	2000	236.833333333		08/24/2010 20:00	126.21	1.77286	0.369	17.63	0.398	13.08	43.2489	104.9467306	105.000314	1.262131	104.974687	
2010	236	2100	236.875000000		08/24/2010 21:00	126.34	1.77469	0.369	17.62	0.399	13.06	43.2449	104.9479689	105.001552	1.263431	104.975987	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	236	2200	236.916666667		08/24/2010 22:00	126.65	1.77904	0.369	17.62	0.398	13.04	43.2352	104.9509216	105.004505	1.266531	104.979087	
2010	236	2300	236.958333333		08/24/2010 23:00	126.94	1.78312	0.369	17.62	0.398	13.03	43.2261	104.9536839	105.007267	1.269431	104.981987	
2010	236	2400	237.000000000		08/25/2010 0:00	127.38	1.78930	0.369	17.63	0.399	13.02	43.2124	104.9578749	105.011458	1.273831	104.986387	
2010	237	100	237.041666667		08/25/2010 1:00	127.79	1.79506	0.369	17.63	0.399	13.01	43.1995	104.9617802	105.015363	1.277932	104.990487	
2010	237	200	237.083333333		08/25/2010 2:00	128.24	1.80138	0.369	17.62	0.399	13	43.1855	104.9660665	105.019650	1.282432	104.994987	
2010	237	300	237.125000000		08/25/2010 3:00	128.69	1.80770	0.369	17.63	0.399	12.99	43.1714	104.9703527	105.023936	1.286932	104.999487	
2010	237	400	237.166666667		08/25/2010 4:00	129.14	1.81402	0.369	17.63	0.399	12.99	43.1574	104.974639	105.028222	1.291432	105.003987	
2010	237	500	237.208333333		08/25/2010 5:00	129.53	1.81950	0.369	17.63	0.399	12.98	43.1452	104.9783538	105.031937	1.295332	105.007888	
2010	237	600	237.250000000		08/25/2010 6:00	129.84	1.82385	0.369	17.61	0.399	13.55	43.1355	104.9813065	105.034890	1.298432	105.010988	
2010	237	700	237.291666667		08/25/2010 7:00	130.26	1.82975	0.369	17.62	0.399	13.7	43.1224	104.9853071	105.038890	1.302632	105.015188	
2010	237	800	237.333333333		08/25/2010 8:00	130.63	1.83495	0.369	17.63	0.398	13.58	43.1108	104.9888313	105.042415	1.306332	105.018888	
2010	237	900	237.375000000		08/25/2010 9:00	130.56	1.83397	0.369	17.62	0.398	13.47	43.1130	104.9881646	105.041748	1.305632	105.018188	
2010	237	1000	237.416666667		08/25/2010 10:00	130.55	1.83382	0.369	17.64	0.398	13.41	43.1133	104.9880693	105.041653	1.305532	105.018088	
2010	237	1100	237.458333333		08/25/2010 11:00	130.43	1.83214	0.369	17.63	0.398	13.37	43.1170	104.9869263	105.040510	1.304332	105.016888	
2010	237	1200	237.500000000		08/25/2010 12:00	130.21	1.82905	0.369	17.63	0.398	13.35	43.1239	104.9848308	105.038414	1.302132	105.014688	
2010	237	1300	237.541666667		08/25/2010 13:00	129.89	1.82455	0.368	17.63	0.398	13.29	43.1339	104.9817828	105.035366	1.298932	105.011488	
2010	237	1400	237.583333333		08/25/2010 14:00	129.48	1.81879	0.368	17.63	0.398	13.24	43.1467	104.9778775	105.031461	1.294832	105.007388	
2010	237	1500	237.625000000		08/25/2010 15:00	129.1	1.81346	0.368	17.63	0.397	13.21	43.1586	104.974258	105.027841	1.291032	105.003587	
2010	237	1600	237.666666667		08/25/2010 16:00	128.7	1.80784	0.368	17.62	0.397	13.21	43.1711	104.970448	105.024031	1.287032	104.999587	
2010	237	1700	237.708333333		08/25/2010 17:00	128.21	1.80096	0.368	17.63	0.397	13.22	43.1864	104.9657807	105.019364	1.282132	104.994687	
2010	237	1800	237.750000000		08/25/2010 18:00	127.74	1.79435	0.368	17.63	0.397	13.12	43.2011	104.9613039	105.014887	1.277432	104.989987	
2010	237	1900	237.791666667		08/25/2010 19:00	127.29	1.78803	0.368	17.62	0.397	13.08	43.2152	104.9570177	105.010601	1.272931	104.985487	
2010	237	2000	237.833333333		08/25/2010 20:00	126.88	1.78227	0.368	17.63	0.397	13.05	43.2280	104.9531124	105.006696	1.268831	104.981387	
2010	237	2100	237.875000000		08/25/2010 21:00	126.55	1.77764	0.368	17.62	0.397	13.04	43.2383	104.9499691	105.003552	1.265531	104.978087	
2010	237	2200	237.916666667		08/25/2010 22:00	126.34	1.77469	0.367	17.62	0.397	13.02	43.2449	104.9479689	105.001552	1.263431	104.975987	
2010	237	2300	237.958333333		08/25/2010 23:00	126.33	1.77455	0.368	17.62	0.397	13.01	43.2452	104.9478736	105.001457	1.263331	104.975887	
2010	237	2400	238.000000000		08/26/2010 0:00	126.46	1.77637	0.367	17.61	0.397	13	43.2411	104.9491119	105.002695	1.264631	104.977187	
2010	238	100	238.041666667		08/26/2010 1:00	126.73	1.78017	0.368	17.61	0.397	12.99	43.2327	104.9516836	105.005267	1.267331	104.979887	
2010	238	200	238.083333333		08/26/2010 2:00	126.98	1.78368	0.367	17.63	0.397	12.99	43.2249	104.9540649	105.007648	1.269831	104.982387	
2010	238	300	238.125000000		08/26/2010 3:00	127.37	1.78916	0.367	17.62	0.397	12.99	43.2127	104.9577797	105.011363	1.273731	104.986287	
2010	238	400	238.166666667		08/26/2010 4:00	127.68	1.79351	0.367	17.63	0.397	12.99	43.2030	104.9607324	105.014316	1.276831	104.989387	
2010	238	500	238.208333333		08/26/2010 5:00	127.88	1.79632	0.367	17.63	0.397	12.99	43.1967	104.9626374	105.016221	1.278832	104.991387	
2010	238	600	238.250000000		08/26/2010 6:00	128.19	1.80067	0.367	17.63	0.397	13.22	43.1870	104.9655902	105.019173	1.281932	104.994487	
2010	238	700	238.291666667		08/26/2010 7:00	128.34	1.80278	0.367	17.63	0.397	13.63	43.1824	104.967019	105.020602	1.283432	104.995987	
2010	238	800	238.333333333		08/26/2010 8:00	128.49	1.80489	0.367	17.61	0.397	13.55	43.1777	104.9684477	105.022031	1.284932	104.997487	
2010	238	900	238.375000000		08/26/2010 9:00	128.47	1.80461	0.367	17.64	0.396	13.44	43.1783	104.9682572	105.021840	1.284732	104.997287	
2010	238	1000	238.416666667		08/26/2010 10:00	128.46	1.80447	0.367	17.63	0.396	13.35	43.1786	104.968162	105.021745	1.284632	104.997187	
2010	238	1100	238.458333333		08/26/2010 11:00	128.36	1.80306	0.367	17.64	0.396	13.3	43.1817	104.9672095	105.020793	1.283632	104.996187	
2010	238	1200	238.500000000		08/26/2010 12:00	128.17	1.80039	0.367	17.65	0.396	13.27	43.1877	104.9653997	105.018983	1.281732	104.994287	
2010	238	1300	238.541666667		08/26/2010 13:00	127.92	1.79688	0.367	17.65	0.396	13.23	43.1955	104.9630184	105.016602	1.279232	104.991787	
2010	238	1400	238.583333333		08/26/2010 14:00	127.64	1.79295	0.367	17.63	0.396	13.19	43.2042	104.9603514	105.013935	1.276431	104.988987	
2010	238	1500	238.625000000		08/26/2010 15:00	127.14	1.78592	0.366	17.62	0.396	13.21	43.2199	104.9555889	105.009172	1.271431	104.983987	
2010	238	1600	238.666666667		08/26/2010 16:00	126.78	1.78087	0.366	17.63	0.396	13.25	43.2311	104.9521599	105.005743	1.267831	104.980387	
2010	238	1700	238.708333333		08/26/2010 17:00	126.78	1.78087	0.366	17.64	0.395	13.33	43.2311	104.9521599	105.005743	1.267831	104.980387	
2010	238	1800	238.750000000		08/26/2010 18:00	126.81	1.78129	0.366	17.64	0.395	13.25	43.2302	104.9524456	105.006029	1.268131	104.980687	
2010	238	1900	238.791666667		08/26/2010 19:00	126.91	1.78269	0.366	17.62	0.395	13.16	43.2270	104.9533981	105.006981	1.269131	104.981687	
2010	238	2000	238.833333333		08/26/2010 20:00	127.19	1.78663	0.366	17.62	0.395	13.11	43.2183	104.9560652	105.009648	1.271931	104.984487	
2010	238	2100	238.875000000		08/26/2010 21:00	127.67	1.79337	0.366	17.63	0.395	13.08	43.2033	104.9606372	105.014220	1.276731	104.989287	
2010	238	2200	238.916666667		08/26/2010 22:00	128.1	1.79941	0.366	17.62	0.395	13.05	43.1899	104.964733	105.018316	1.281032	104.993587	
2010	238	2300	238.958333333		08/26/2010 23:00	128.66	1.80728	0.366	17.63	0.395	13.03	43.1724	104.970067	105.023650	1.286632	104.999187	
2010	238	2400	239.000000000		08/27/2010 0:00	129.32	1.81655	0.366	17.63	0.395	13.01	43.1517	104.9763535	105.029937	1.293232	105.005787	
2010	239	100	239.041666667		08/27/2010 1:00	129.9	1.82469	0.366	17.64	0.395	13	43.1336	104.9818781	105.035461	1.299032	105.011588	
2010	239	200	239.083333333		08/27/2010 2:00	130.56	1.83397	0.365	17.62	0.395	12.99	43.1130	104.9881646	105.041748	1.305632	105.018188	
2010	239	300	239.125000000		08/27/2010 3:00	131.23	1.84338	0.365	17.63	0.395	12.98	43.0920	104.9945464	105.048130	1.312332	105.024888	
2010	239	400	239.166666667		08/27/2010 4:00	131.91	1.85293	0.365	17.62	0.395	12.97	43.0708	105.0010234	105.054607	1.319133	105.031688	
2010	239	500	239.208333333		08/27/2010 5:00	132.48	1.86094	0.365	17.62	0.394	12.97	43.0530	105.0064527	105.060036	1.324833	105.037388	
2010	239	600	239.250000000		08/27/2010 6:00	133.03	1.86866	0.365	17.62	0.394	13.77	43.0358	105.0116915	105.065275	1.330333	105.042888	
2010	239	700	239.291666667		08/27/2010 7:00	133.64	1.87723	0.365	17.63	0.394	13.77	43.0167	105.0175018	105.071085	1.336433	105.048989	
2010	239	800	239.333333333		08/27/2010 8:00	134.14	1.88425	0.365	17.63	0.394	13.68	43.0011	105.0222643	105.075848	1.341433	105.053989	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	239	900	239.375000000		08/27/2010 9:00	134.47	1.88889	0.365	17.63	0.394	13.59	42.9908	105.0254075	105.078991	1.344733	105.057289	
2010	239	1000	239.416666667		08/27/2010 10:00	134.62	1.89100	0.364	17.64	0.393	13.52	42.9861	105.0268363	105.080420	1.346233	105.058789	
2010	239	1100	239.458333333		08/27/2010 11:00	134.76	1.89296	0.364	17.64	0.393	13.49	42.9817	105.0281698	105.081753	1.347633	105.060189	
2010	239	1200	239.500000000		08/27/2010 12:00	134.79	1.89338	0.364	17.61	0.393	13.5	42.9808	105.0284556	105.082039	1.347933	105.060489	
2010	239	1300	239.541666667		08/27/2010 13:00	134.72	1.89240	0.364	17.64	0.393	13.45	42.9830	105.0277888	105.081372	1.347233	105.059789	
2010	239	1400	239.583333333		08/27/2010 14:00	134.55	1.89001	0.364	17.65	0.393	13.41	42.9883	105.0261696	105.079753	1.345533	105.058089	
2010	239	1500	239.625000000		08/27/2010 15:00	134.39	1.88777	0.364	17.63	0.393	13.4	42.9933	105.0246455	105.078229	1.343933	105.056489	
2010	239	1600	239.666666667		08/27/2010 16:00	134.13	1.88411	0.364	17.63	0.393	13.41	43.0014	105.022169	105.075752	1.341333	105.053889	
2010	239	1700	239.708333333		08/27/2010 17:00	133.9	1.88088	0.364	17.62	0.392	13.43	43.0086	105.0199783	105.073562	1.339033	105.051589	
2010	239	1800	239.750000000		08/27/2010 18:00	133.67	1.87765	0.363	17.63	0.392	13.39	43.0158	105.0177875	105.071371	1.336733	105.049289	
2010	239	1900	239.791666667		08/27/2010 19:00	133.48	1.87498	0.364	17.62	0.392	13.28	43.0217	105.0159777	105.069561	1.334833	105.047388	
2010	239	2000	239.833333333		08/27/2010 20:00	133.45	1.87456	0.363	17.62	0.392	13.22	43.0227	105.015692	105.069275	1.334533	105.047088	
2010	239	2100	239.875000000		08/27/2010 21:00	133.64	1.87723	0.363	17.61	0.392	13.17	43.0167	105.0175018	105.071085	1.336433	105.048989	
2010	239	2200	239.916666667		08/27/2010 22:00	133.86	1.88032	0.363	17.62	0.392	13.14	43.0099	105.0195973	105.073181	1.338633	105.051189	
2010	239	2300	239.958333333		08/27/2010 23:00	134.19	1.88496	0.363	17.63	0.392	13.12	42.9995	105.0227405	105.076324	1.341933	105.054489	
2010	239	2400	240.000000000		08/28/2010 0:00	134.47	1.88889	0.363	17.63	0.392	13.09	42.9908	105.0254075	105.078991	1.344733	105.057289	
2010	240	100	240.041666667		08/28/2010 1:00	134.78	1.89324	0.363	17.63	0.392	13.07	42.9811	105.0283603	105.081944	1.347833	105.060389	
2010	240	200	240.083333333		08/28/2010 2:00	135.04	1.89690	0.363	17.63	0.392	13.05	42.9730	105.0308368	105.084420	1.350433	105.062989	
2010	240	300	240.125000000		08/28/2010 3:00	135.36	1.90139	0.362	17.63	0.391	13.04	42.9630	105.0338848	105.087468	1.353633	105.066189	
2010	240	400	240.166666667		08/28/2010 4:00	135.63	1.90518	0.362	17.63	0.391	13.03	42.9545	105.0364566	105.090040	1.356333	105.068889	
2010	240	500	240.208333333		08/28/2010 5:00	135.84	1.90813	0.362	17.62	0.391	13.02	42.9480	105.0384569	105.092040	1.358434	105.070989	
2010	240	600	240.250000000		08/28/2010 6:00	136.03	1.91080	0.362	17.62	0.391	13.01	42.9420	105.0402666	105.093850	1.360334	105.072889	
2010	240	700	240.291666667		08/28/2010 7:00	136.14	1.91235	0.362	17.63	0.391	13.7	42.9386	105.0413144	105.094898	1.361434	105.073989	
2010	240	800	240.333333333		08/28/2010 8:00	136.34	1.91516	0.362	17.62	0.391	13.68	42.9324	105.0432194	105.096803	1.363434	105.075989	
2010	240	900	240.375000000		08/28/2010 9:00	136.42	1.91628	0.362	17.63	0.391	13.6	42.9299	105.0439814	105.097565	1.364234	105.076789	
2010	240	1000	240.416666667		08/28/2010 10:00	136.44	1.91656	0.362	17.6	0.391	13.55	42.9292	105.0441719	105.097755	1.364434	105.076989	
2010	240	1100	240.458333333		08/28/2010 11:00	136.34	1.91516	0.362	17.62	0.39	13.5	42.9324	105.0432194	105.096803	1.363434	105.075989	
2010	240	1200	240.500000000		08/28/2010 12:00	136.15	1.91249	0.362	17.61	0.391	13.49	42.9383	105.0414096	105.094993	1.361534	105.074089	
2010	240	1300	240.541666667		08/28/2010 13:00	135.84	1.90813	0.361	17.63	0.39	13.42	42.9480	105.0384569	105.092040	1.358434	105.070989	
2010	240	1400	240.583333333		08/28/2010 14:00	135.56	1.90420	0.361	17.63	0.39	13.39	42.9567	105.0357899	105.089373	1.355633	105.068189	
2010	240	1500	240.625000000		08/28/2010 15:00	135.21	1.89928	0.361	17.62	0.39	13.39	42.9677	105.0324561	105.086039	1.352133	105.064689	
2010	240	1600	240.666666667		08/28/2010 16:00	134.76	1.89296	0.361	17.63	0.39	13.4	42.9817	105.0281698	105.081753	1.347633	105.060189	
2010	240	1700	240.708333333		08/28/2010 17:00	134.43	1.88833	0.361	17.63	0.39	13.43	42.9920	105.0250265	105.078610	1.344333	105.056889	
2010	240	1800	240.750000000		08/28/2010 18:00	134	1.88229	0.361	17.61	0.39	13.42	43.0055	105.0209308	105.074514	1.340033	105.052589	
2010	240	1900	240.791666667		08/28/2010 19:00	133.57	1.87625	0.361	17.62	0.39	13.27	43.0189	105.016835	105.070418	1.335733	105.048289	
2010	240	2000	240.833333333		08/28/2010 20:00	133.22	1.87133	0.361	17.63	0.39	13.22	43.0299	105.0135012	105.067084	1.332233	105.044788	
2010	240	2100	240.875000000		08/28/2010 21:00	132.91	1.86698	0.361	17.61	0.39	13.17	43.0395	105.0105485	105.064132	1.329133	105.041688	
2010	240	2200	240.916666667		08/28/2010 22:00	132.68	1.86374	0.361	17.61	0.39	13.13	43.0467	105.0083577	105.061941	1.326833	105.039388	
2010	240	2300	240.958333333		08/28/2010 23:00	132.54	1.86178	0.361	17.62	0.39	13.11	43.0511	105.0070242	105.060607	1.325433	105.037988	
2010	240	2400	241.000000000		08/29/2010 0:00	132.42	1.86009	0.361	17.63	0.389	13.09	43.0549	105.0058812	105.059464	1.324233	105.036788	
2010	241	100	241.041666667		08/29/2010 1:00	132.3	1.85841	0.361	17.62	0.389	13.06	43.0586	105.0047382	105.058321	1.323033	105.035588	
2010	241	200	241.083333333		08/29/2010 2:00	132.22	1.85728	0.361	17.63	0.389	13.05	43.0611	105.0039762	105.057559	1.322233	105.034788	
2010	241	300	241.125000000		08/29/2010 3:00	132.09	1.85546	0.361	17.61	0.39	13.03	43.0652	105.0027379	105.056321	1.320933	105.033488	
2010	241	400	241.166666667		08/29/2010 4:00	131.88	1.85251	0.361	17.62	0.389	13.01	43.0717	105.0007377	105.054321	1.318833	105.031388	
2010	241	500	241.208333333		08/29/2010 5:00	131.67	1.84956	0.361	17.63	0.389	13.01	43.0783	104.9987374	105.052321	1.316732	105.029288	
2010	241	600	241.250000000		08/29/2010 6:00	131.44	1.84633	0.361	17.61	0.389	13.43	43.0855	104.9965466	105.050130	1.314432	105.026988	
2010	241	700	241.291666667		08/29/2010 7:00	131.35	1.84506	0.361	17.63	0.389	13.74	43.0883	104.9956894	105.049273	1.313532	105.026088	
2010	241	800	241.333333333		08/29/2010 8:00	131.1	1.84155	0.36	17.63	0.389	13.66	43.0961	104.9933081	105.046891	1.311032	105.023588	
2010	241	900	241.375000000		08/29/2010 9:00	130.87	1.83832	0.36	17.62	0.389	13.58	43.1033	104.9911174	105.044701	1.308732	105.021288	
2010	241	1000	241.416666667		08/29/2010 10:00	130.64	1.83509	0.36	17.61	0.389	13.51	43.1105	104.9889266	105.042510	1.306432	105.018988	
2010	241	1100	241.458333333		08/29/2010 11:00	130.42	1.83200	0.36	17.63	0.389	13.47	43.1174	104.9868311	105.040414	1.304232	105.016788	
2010	241	1200	241.500000000		08/29/2010 12:00	130.06	1.82694	0.36	17.65	0.389	13.47	43.1286	104.9834021	105.036985	1.300632	105.013188	
2010	241	1300	241.541666667		08/29/2010 13:00	129.69	1.82174	0.361	17.63	0.389	13.42	43.1402	104.9798778	105.033461	1.296932	105.009488	
2010	241	1400	241.583333333		08/29/2010 14:00	129.32	1.81655	0.36	17.64	0.389	13.39	43.1517	104.9763535	105.029937	1.293232	105.005787	
2010	241	1500	241.625000000		08/29/2010 15:00	129.01	1.81219	0.36	17.63	0.389	13.38	43.1614	104.9734008	105.026984	1.290132	105.002687	
2010	241	1600	241.666666667		08/29/2010 16:00	128.6	1.80643	0.36	17.63	0.389	13.4	43.1742	104.9694955	105.023079	1.286032	104.998587	
2010	241	1700	241.708333333		08/29/2010 17:00	128.44	1.80419	0.36	17.64	0.389	13.43	43.1792	104.9679715	105.021555	1.284432	104.996987	
2010	241	1800	241.750000000		08/29/2010 18:00	127.77	1.79477	0.361	17.61	0.389	13.4	43.2002	104.9615897	105.015173	1.277732	104.990287	
2010	241	1900	241.791666667		08/29/2010 19:00	127.35	1.78887	0.361	17.62	0.389	13.28	43.2133	104.9575892	105.011172	1.273531	104.986087	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	241	2000	241.833333333		08/29/2010 20:00	126.87	1.78213	0.36	17.6	0.389	13.21	43.2283	104.9530171	105.006600	1.268731	104.981287	
2010	241	2100	241.875000000		08/29/2010 21:00	126.41	1.77567	0.361	17.62	0.389	13.17	43.2427	104.9486356	105.002219	1.264131	104.976687	
2010	241	2200	241.916666667		08/29/2010 22:00	125.92	1.76879	0.36	17.63	0.389	13.13	43.2580	104.9439683	104.997552	1.259231	104.971787	
2010	241	2300	241.958333333		08/29/2010 23:00	125.5	1.76289	0.361	17.62	0.389	13.1	43.2711	104.9399678	104.993551	1.255031	104.967587	
2010	241	2400	242.000000000		08/30/2010 0:00	125.13	1.75769	0.36	17.61	0.389	13.07	43.2827	104.9364435	104.990027	1.251331	104.963886	
2010	242	100	242.041666667		08/30/2010 1:00	124.72	1.75193	0.36	17.63	0.389	13.05	43.2955	104.9325383	104.986122	1.247231	104.959786	
2010	242	200	242.083333333		08/30/2010 2:00	124.25	1.74533	0.361	17.64	0.389	13.03	43.3102	104.9280615	104.981645	1.242531	104.955086	
2010	242	300	242.125000000		08/30/2010 3:00	123.8	1.73901	0.361	17.63	0.389	13.01	43.3242	104.9237752	104.977358	1.238031	104.950586	
2010	242	400	242.166666667		08/30/2010 4:00	123.35	1.73269	0.361	17.62	0.389	13	43.3383	104.919489	104.973072	1.233530	104.946086	
2010	242	500	242.208333333		08/30/2010 5:00	122.93	1.72679	0.361	17.62	0.389	12.99	43.3514	104.9154884	104.969072	1.229330	104.941886	
2010	242	600	242.250000000		08/30/2010 6:00	122.52	1.72103	0.361	17.63	0.39	12.98	43.3642	104.9115832	104.965166	1.225230	104.937786	
2010	242	700	242.291666667		08/30/2010 7:00	122.14	1.71569	0.361	17.61	0.39	13.75	43.3761	104.9079636	104.961547	1.221430	104.933986	
2010	242	800	242.333333333		08/30/2010 8:00	121.75	1.71021	0.361	17.63	0.39	13.72	43.3883	104.9042489	104.957832	1.217530	104.930086	
2010	242	900	242.375000000		08/30/2010 9:00	121.28	1.70361	0.361	17.62	0.389	13.67	43.4030	104.8997721	104.953355	1.212830	104.925385	
2010	242	1000	242.416666667		08/30/2010 10:00	120.91	1.69841	0.361	17.63	0.39	13.57	43.4145	104.8962478	104.949831	1.209130	104.921685	
2010	242	1100	242.458333333		08/30/2010 11:00	120.46	1.69209	0.361	17.62	0.39	13.52	43.4286	104.8919615	104.945545	1.204630	104.917185	
2010	242	1200	242.500000000		08/30/2010 12:00	120	1.68563	0.361	17.65	0.39	13.5	43.4430	104.88758	104.941163	1.200030	104.912585	
2010	242	1300	242.541666667		08/30/2010 13:00	119.55	1.67931	0.361	17.65	0.39	13.45	43.4570	104.8832937	104.936877	1.195529	104.908085	
2010	242	1400	242.583333333		08/30/2010 14:00	119.13	1.67341	0.361	17.62	0.39	13.41	43.4702	104.8792932	104.932876	1.191329	104.903885	
2010	242	1500	242.625000000		08/30/2010 15:00	118.74	1.66793	0.361	17.63	0.39	13.4	43.4824	104.8755785	104.929162	1.187429	104.899985	
2010	242	1600	242.666666667		08/30/2010 16:00	118.16	1.65978	0.361	17.64	0.39	13.41	43.5005	104.8700539	104.923637	1.181629	104.894185	
2010	242	1700	242.708333333		08/30/2010 17:00	117.77	1.65431	0.361	17.62	0.39	13.44	43.5127	104.8663392	104.919922	1.177729	104.890285	
2010	242	1800	242.750000000		08/30/2010 18:00	117.41	1.64925	0.362	17.63	0.39	13.34	43.5239	104.8629101	104.916493	1.174129	104.886685	
2010	242	1900	242.791666667		08/30/2010 19:00	117.04	1.64405	0.362	17.62	0.39	13.24	43.5355	104.8593859	104.912969	1.170429	104.882984	
2010	242	2000	242.833333333		08/30/2010 20:00	116.85	1.64138	0.362	17.62	0.39	13.19	43.5414	104.8575761	104.911159	1.168529	104.881084	
2010	242	2100	242.875000000		08/30/2010 21:00	116.8	1.64068	0.362	17.64	0.391	13.16	43.5430	104.8570999	104.910683	1.168029	104.880584	
2010	242	2200	242.916666667		08/30/2010 22:00	116.89	1.64194	0.362	17.63	0.391	13.11	43.5402	104.8579571	104.911540	1.168929	104.881484	
2010	242	2300	242.958333333		08/30/2010 23:00	116.99	1.64335	0.362	17.64	0.391	13.09	43.5370	104.8589096	104.912493	1.169929	104.882484	
2010	242	2400	243.000000000		08/31/2010 0:00	117.13	1.64532	0.362	17.64	0.391	13.07	43.5327	104.8602431	104.913826	1.171329	104.883884	
2010	243	100	243.041666667		08/31/2010 1:00	117.15	1.64560	0.362	17.62	0.391	13.05	43.5320	104.8604336	104.914017	1.171529	104.884084	
2010	243	200	243.083333333		08/31/2010 2:00	117.22	1.64658	0.362	17.63	0.391	13.03	43.5299	104.8611004	104.914684	1.172229	104.884784	
2010	243	300	243.125000000		08/31/2010 3:00	117.1	1.64489	0.362	17.65	0.391	13.01	43.5336	104.8599574	104.913541	1.171029	104.883584	
2010	243	400	243.166666667		08/31/2010 4:00	117.06	1.64433	0.362	17.63	0.391	13	43.5349	104.8595764	104.913160	1.170629	104.883184	
2010	243	500	243.208333333		08/31/2010 5:00	117	1.64349	0.362	17.63	0.391	12.99	43.5367	104.8590049	104.912588	1.170029	104.882584	
2010	243	600	243.250000000		08/31/2010 6:00	116.89	1.64194	0.362	17.65	0.391	13.3	43.5402	104.8579571	104.911540	1.168929	104.881484	
2010	243	700	243.291666667		08/31/2010 7:00	116.84	1.64124	0.362	17.64	0.391	13.76	43.5417	104.8574809	104.911064	1.168429	104.880984	
2010	243	800	243.333333333		08/31/2010 8:00	116.76	1.64012	0.362	17.65	0.391	13.71	43.5442	104.8567188	104.910302	1.167629	104.880184	
2010	243	900	243.375000000		08/31/2010 9:00	116.63	1.63829	0.362	17.64	0.391	13.66	43.5483	104.8554806	104.909064	1.166329	104.878884	
2010	243	1000	243.416666667		08/31/2010 10:00	116.44	1.63562	0.362	17.64	0.391	13.6	43.5542	104.8536708	104.907254	1.164429	104.876984	
2010	243	1100	243.458333333		08/31/2010 11:00	116.35	1.63436	0.362	17.62	0.391	13.55	43.5570	104.8528136	104.906397	1.163529	104.876084	
2010	243	1200	243.500000000		08/31/2010 12:00	116.08	1.63057	0.362	17.63	0.391	13.53	43.5655	104.8502418	104.903825	1.160829	104.873384	
2010	243	1300	243.541666667		08/31/2010 13:00	115.94	1.62860	0.362	17.63	0.391	13.53	43.5699	104.8489083	104.902492	1.159429	104.871984	
2010	243	1400	243.583333333		08/31/2010 14:00	115.53	1.62284	0.362	17.63	0.391	13.51	43.5827	104.845003	104.898586	1.155328	104.867884	
2010	243	1500	243.625000000		08/31/2010 15:00	115.26	1.61905	0.362	17.64	0.391	13.51	43.5911	104.8424313	104.896015	1.152628	104.865184	
2010	243	1600	243.666666667		08/31/2010 16:00	114.89	1.61385	0.362	17.63	0.391	13.62	43.6027	104.838907	104.892490	1.148928	104.861484	
2010	243	1700	243.708333333		08/31/2010 17:00	114.47	1.60795	0.362	17.64	0.391	13.6	43.6158	104.8349065	104.888490	1.144728	104.857284	
2010	243	1800	243.750000000		08/31/2010 18:00	114.15	1.60346	0.362	17.66	0.391	13.44	43.6258	104.8318585	104.885442	1.141528	104.854084	
2010	243	1900	243.791666667		08/31/2010 19:00	113.8	1.59854	0.362	17.62	0.391	13.36	43.6367	104.8285247	104.882108	1.138028	104.850584	
2010	243	2000	243.833333333		08/31/2010 20:00	113.6	1.59573	0.362	17.63	0.391	13.29	43.6430	104.8266197	104.880203	1.136028	104.848584	
2010	243	2100	243.875000000		08/31/2010 21:00	113.51	1.59447	0.362	17.64	0.391	13.24	43.6458	104.8257624	104.879346	1.135128	104.847684	
2010	243	2200	243.916666667		08/31/2010 22:00	113.58	1.59545	0.362	17.64	0.391	13.2	43.6436	104.8264292	104.880012	1.135828	104.848384	
2010	243	2300	243.958333333		08/31/2010 23:00	113.66	1.59657	0.362	17.64	0.391	13.16	43.6411	104.8271912	104.880774	1.136628	104.849184	
2010	243	2400	244.000000000		09/01/2010 0:00	113.91	1.60008	0.362	17.64	0.391	13.13	43.6333	104.8295724	104.883156	1.139128	104.851684	
2010	244	100	244.041666667		09/01/2010 1:00	114.02	1.60163	0.362	17.65	0.391	13.1	43.6299	104.8306202	104.884203	1.140228	104.852784	
2010	244	200	244.083333333		09/01/2010 2:00	114.23	1.60458	0.362	17.64	0.391	13.08	43.6233	104.8326205	104.886204	1.142328	104.854884	
2010	244	300	244.125000000		09/01/2010 3:00	114.43	1.60739	0.362	17.64	0.391	13.07	43.6170	104.8345255	104.888109	1.144328	104.856884	
2010	244	400	244.166666667		09/01/2010 4:00	114.57	1.60936	0.362	17.63	0.391	13.05	43.6127	104.835859	104.889442	1.145728	104.858284	
2010	244	500	244.208333333		09/01/2010 5:00	114.75	1.61188	0.362	17.64	0.391	13.03	43.6070	104.8375735	104.891157	1.147528	104.860084	
2010	244	600	244.250000000		09/01/2010 6:00	114.84	1.61315	0.362	17.63	0.39	13.01	43.6042	104.8384307	104.892014	1.148428	104.860984	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	244	700	244.291666667		09/01/2010 7:00	114.96	1.61483	0.361	17.64	0.39	13.65	43.6005	104.8395738	104.893157	1.149628	104.862184	
2010	244	800	244.333333333		09/01/2010 8:00	115.08	1.61652	0.361	17.65	0.39	13.64	43.5967	104.8407168	104.894300	1.150828	104.863384	
2010	244	900	244.375000000		09/01/2010 9:00	115.05	1.61610	0.361	17.64	0.39	13.59	43.5977	104.840431	104.894014	1.150528	104.863084	
2010	244	1000	244.416666667		09/01/2010 10:00	115.08	1.61652	0.361	17.63	0.39	13.49	43.5967	104.8407168	104.894300	1.150828	104.863384	
2010	244	1100	244.458333333		09/01/2010 11:00	115.06	1.61624	0.361	17.64	0.39	13.45	43.5974	104.8405263	104.894110	1.150628	104.863184	
2010	244	1200	244.500000000		09/01/2010 12:00	114.87	1.61357	0.361	17.64	0.39	13.45	43.6033	104.8387165	104.892300	1.148728	104.861284	
2010	244	1300	244.541666667		09/01/2010 13:00	114.82	1.61287	0.361	17.65	0.389	13.39	43.6049	104.8382402	104.891824	1.148228	104.860784	
2010	244	1400	244.583333333		09/01/2010 14:00	114.77	1.61216	0.361	17.64	0.39	13.39	43.6064	104.837764	104.891347	1.147728	104.860284	
2010	244	1500	244.625000000		09/01/2010 15:00	114.56	1.60921	0.361	17.63	0.39	13.4	43.6130	104.8357637	104.889347	1.145628	104.858184	
2010	244	1600	244.666666667		09/01/2010 16:00	114.49	1.60823	0.361	17.63	0.39	13.37	43.6152	104.835097	104.888680	1.144928	104.857484	
2010	244	1700	244.708333333		09/01/2010 17:00	114.53	1.60879	0.361	17.65	0.389	13.37	43.6139	104.835478	104.889061	1.145328	104.857884	
2010	244	1800	244.750000000		09/01/2010 18:00	114.63	1.61020	0.36	17.65	0.389	13.25	43.6108	104.8364305	104.890014	1.146328	104.858884	
2010	244	1900	244.791666667		09/01/2010 19:00	114.77	1.61216	0.36	17.64	0.389	13.17	43.6064	104.837764	104.891347	1.147728	104.860284	
2010	244	2000	244.833333333		09/01/2010 20:00	114.95	1.61469	0.36	17.65	0.389	13.12	43.6008	104.8394785	104.893062	1.149528	104.862084	
2010	244	2100	244.875000000		09/01/2010 21:00	115.28	1.61933	0.36	17.63	0.389	13.1	43.5905	104.8426218	104.896205	1.152828	104.865384	
2010	244	2200	244.916666667		09/01/2010 22:00	115.56	1.62326	0.36	17.63	0.389	13.07	43.5817	104.8452888	104.898872	1.155629	104.868184	
2010	244	2300	244.958333333		09/01/2010 23:00	115.93	1.62846	0.36	17.64	0.389	13.04	43.5702	104.8488131	104.902396	1.159329	104.871884	
2010	244	2400	245.000000000		09/02/2010 0:00	116.32	1.63394	0.36	17.64	0.388	13.02	43.5580	104.8525278	104.906111	1.163229	104.875784	
2010	245	100	245.041666667		09/02/2010 1:00	116.55	1.63717	0.36	17.65	0.388	12.99	43.5508	104.8547186	104.908302	1.165529	104.878084	
2010	245	200	245.083333333		09/02/2010 2:00	116.81	1.64082	0.36	17.64	0.388	12.99	43.5427	104.8571951	104.910778	1.168129	104.880684	
2010	245	300	245.125000000		09/02/2010 3:00	117	1.64349	0.359	17.64	0.388	12.97	43.5367	104.8590049	104.912588	1.170029	104.882584	
2010	245	400	245.166666667		09/02/2010 4:00	117.13	1.64532	0.359	17.65	0.388	12.96	43.5327	104.8602431	104.913826	1.171329	104.883884	
2010	245	500	245.208333333		09/02/2010 5:00	117.14	1.64546	0.359	17.65	0.388	12.96	43.5324	104.8603384	104.913922	1.171429	104.883984	
2010	245	600	245.250000000		09/02/2010 6:00	117.23	1.64672	0.359	17.66	0.387	13.46	43.5295	104.8611956	104.914779	1.172329	104.884884	
2010	245	700	245.291666667		09/02/2010 7:00	117.38	1.64883	0.359	17.64	0.387	13.78	43.5249	104.8626244	104.916208	1.173829	104.886385	
2010	245	800	245.333333333		09/02/2010 8:00	117.46	1.64995	0.359	17.64	0.387	13.69	43.5224	104.8633864	104.916970	1.174629	104.887185	
2010	245	900	245.375000000		09/02/2010 9:00	117.44	1.64967	0.359	17.64	0.387	13.62	43.5230	104.8631959	104.916779	1.174429	104.886985	
2010	245	1000	245.416666667		09/02/2010 10:00	117.47	1.65009	0.359	17.65	0.387	13.55	43.5220	104.8634816	104.917065	1.174729	104.887285	
2010	245	1100	245.458333333		09/02/2010 11:00	117.39	1.64897	0.358	17.64	0.387	13.51	43.5245	104.8627196	104.916303	1.173929	104.886485	
2010	245	1200	245.500000000		09/02/2010 12:00	117.3	1.64770	0.358	17.64	0.387	13.49	43.5274	104.8618624	104.915446	1.173029	104.885585	
2010	245	1300	245.541666667		09/02/2010 13:00	117.17	1.64588	0.358	17.64	0.387	13.42	43.5314	104.8606241	104.914207	1.171729	104.884284	
2010	245	1400	245.583333333		09/02/2010 14:00	117.03	1.64391	0.358	17.65	0.387	13.37	43.5358	104.8592906	104.912874	1.170329	104.882884	
2010	245	1500	245.625000000		09/02/2010 15:00	116.89	1.64194	0.358	17.65	0.386	13.34	43.5402	104.8579571	104.911540	1.168929	104.881484	
2010	245	1600	245.666666667		09/02/2010 16:00	116.68	1.63899	0.358	17.63	0.386	13.33	43.5467	104.8559568	104.909540	1.166829	104.879384	
2010	245	1700	245.708333333		09/02/2010 17:00	116.53	1.63689	0.358	17.65	0.386	13.34	43.5514	104.8545281	104.908111	1.165329	104.877884	
2010	245	1800	245.750000000		09/02/2010 18:00	116.35	1.63436	0.358	17.66	0.386	13.21	43.5570	104.8528136	104.906397	1.163529	104.876084	
2010	245	1900	245.791666667		09/02/2010 19:00	116.19	1.63211	0.358	17.65	0.386	13.14	43.5620	104.8512896	104.904873	1.161929	104.874484	
2010	245	2000	245.833333333		09/02/2010 20:00	116.16	1.63169	0.358	17.65	0.386	13.1	43.5630	104.8510038	104.904587	1.161629	104.874184	
2010	245	2100	245.875000000		09/02/2010 21:00	116.22	1.63253	0.358	17.66	0.386	13.08	43.5611	104.8515753	104.905159	1.162229	104.874784	
2010	245	2200	245.916666667		09/02/2010 22:00	116.28	1.63338	0.358	17.65	0.386	13.05	43.5592	104.8521468	104.905730	1.162829	104.875384	
2010	245	2300	245.958333333		09/02/2010 23:00	116.32	1.63394	0.358	17.65	0.386	13.02	43.5580	104.8525278	104.906111	1.163229	104.875784	
2010	245	2400	246.000000000		09/03/2010 0:00	116.38	1.63478	0.358	17.64	0.386	13.01	43.5561	104.8530993	104.906683	1.163829	104.876384	
2010	246	100	246.041666667		09/03/2010 1:00	116.38	1.63478	0.358	17.65	0.386	12.99	43.5561	104.8530993	104.906683	1.163829	104.876384	
2010	246	200	246.083333333		09/03/2010 2:00	116.36	1.63450	0.358	17.64	0.386	12.99	43.5567	104.8529088	104.906492	1.163629	104.876184	
2010	246	300	246.125000000		09/03/2010 3:00	116.4	1.63506	0.358	17.64	0.386	12.97	43.5555	104.8532898	104.906873	1.164029	104.876584	
2010	246	400	246.166666667		09/03/2010 4:00	116.34	1.63422	0.358	17.66	0.386	12.97	43.5574	104.8527183	104.906302	1.163429	104.875984	
2010	246	500	246.208333333		09/03/2010 5:00	116.25	1.63295	0.357	17.65	0.386	12.97	43.5602	104.8518611	104.905444	1.162529	104.875084	
2010	246	600	246.250000000		09/03/2010 6:00	116.2	1.63225	0.358	17.65	0.386	13.21	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	246	700	246.291666667		09/03/2010 7:00	116.22	1.63253	0.357	17.63	0.386	13.69	43.5611	104.8515753	104.905159	1.162229	104.874784	
2010	246	800	246.333333333		09/03/2010 8:00	116.22	1.63253	0.357	17.64	0.386	13.6	43.5611	104.8515753	104.905159	1.162229	104.874784	
2010	246	900	246.375000000		09/03/2010 9:00	116.2	1.63225	0.357	17.63	0.386	13.53	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	246	1000	246.416666667		09/03/2010 10:00	116.07	1.63043	0.357	17.64	0.386	13.46	43.5658	104.8501466	104.903730	1.160729	104.873284	
2010	246	1100	246.458333333		09/03/2010 11:00	116.01	1.62958	0.357	17.65	0.385	13.43	43.5677	104.8495751	104.903158	1.160129	104.872684	
2010	246	1200	246.500000000		09/03/2010 12:00	115.9	1.62804	0.357	17.64	0.385	13.41	43.5711	104.8485273	104.902111	1.159029	104.871584	
2010	246	1300	246.541666667		09/03/2010 13:00	115.73	1.62565	0.357	17.65	0.385	13.35	43.5764	104.846908	104.900491	1.157329	104.869884	
2010	246	1400	246.583333333		09/03/2010 14:00	115.55	1.62312	0.357	17.66	0.385	13.31	43.5820	104.8451935	104.898777	1.155528	104.868084	
2010	246	1500	246.625000000		09/03/2010 15:00	115.42	1.62130	0.357	17.66	0.385	13.31	43.5861	104.8439553	104.897539	1.154228	104.866784	
2010	246	1600	246.666666667		09/03/2010 16:00	115.23	1.61863	0.357	17.63	0.385	13.35	43.5920	104.8421455	104.895729	1.152328	104.864884	
2010	246	1700	246.708333333		09/03/2010 17:00	115.16	1.61764	0.356	17.66	0.385	13.39	43.5942	104.8414788	104.895062	1.151628	104.864184	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	246	1800	246.750000000		09/03/2010 18:00	114.92	1.61427	0.356	17.64	0.385	13.24	43.6017	104.8391928	104.892776	1.149228	104.861784	
2010	246	1900	246.791666667		09/03/2010 19:00	114.85	1.61329	0.356	17.65	0.384	13.16	43.6039	104.838526	104.892109	1.148528	104.861084	
2010	246	2000	246.833333333		09/03/2010 20:00	114.7	1.61118	0.356	17.64	0.385	13.12	43.6086	104.8370972	104.890680	1.147028	104.859584	
2010	246	2100	246.875000000		09/03/2010 21:00	114.66	1.61062	0.356	17.64	0.385	13.08	43.6099	104.8367162	104.890299	1.146628	104.859184	
2010	246	2200	246.916666667		09/03/2010 22:00	114.62	1.61006	0.356	17.64	0.384	13.05	43.6111	104.8363352	104.889918	1.146228	104.858784	
2010	246	2300	246.958333333		09/03/2010 23:00	114.71	1.61132	0.356	17.66	0.384	13.03	43.6083	104.8371925	104.890776	1.147128	104.859684	
2010	246	2400	247.000000000		09/04/2010 0:00	114.78	1.61231	0.356	17.63	0.384	13.01	43.6061	104.8378592	104.891443	1.147828	104.860384	
2010	247	100	247.041666667		09/04/2010 1:00	114.82	1.61287	0.356	17.66	0.384	13	43.6049	104.8382402	104.891824	1.148228	104.860784	
2010	247	200	247.083333333		09/04/2010 2:00	114.95	1.61469	0.356	17.65	0.384	12.99	43.6008	104.8394785	104.893062	1.149528	104.862084	
2010	247	300	247.125000000		09/04/2010 3:00	115.01	1.61554	0.356	17.64	0.384	12.99	43.5989	104.84005	104.893633	1.150128	104.862684	
2010	247	400	247.166666667		09/04/2010 4:00	115.1	1.61680	0.356	17.63	0.384	12.98	43.5961	104.8409073	104.894491	1.151028	104.863584	
2010	247	500	247.208333333		09/04/2010 5:00	115.12	1.61708	0.356	17.64	0.384	12.97	43.5955	104.8410978	104.894681	1.151228	104.863784	
2010	247	600	247.250000000		09/04/2010 6:00	115.09	1.61666	0.356	17.65	0.384	13.11	43.5964	104.840812	104.894395	1.150928	104.863484	
2010	247	700	247.291666667		09/04/2010 7:00	115.17	1.61778	0.356	17.63	0.384	13.62	43.5939	104.841574	104.895157	1.151728	104.864284	
2010	247	800	247.333333333		09/04/2010 8:00	115.4	1.62101	0.356	17.64	0.384	13.53	43.5867	104.8437648	104.897348	1.154028	104.866584	
2010	247	900	247.375000000		09/04/2010 9:00	115.29	1.61947	0.356	17.64	0.384	13.45	43.5902	104.842717	104.896300	1.152928	104.865484	
2010	247	1000	247.416666667		09/04/2010 10:00	115.21	1.61835	0.356	17.65	0.384	13.39	43.5927	104.841955	104.895538	1.152128	104.864684	
2010	247	1100	247.458333333		09/04/2010 11:00	115.25	1.61891	0.356	17.65	0.384	13.37	43.5914	104.842336	104.895919	1.152528	104.865084	
2010	247	1200	247.500000000		09/04/2010 12:00	115.16	1.61764	0.355	17.65	0.384	13.35	43.5942	104.8414788	104.895062	1.151628	104.864184	
2010	247	1300	247.541666667		09/04/2010 13:00	115.07	1.61638	0.355	17.63	0.384	13.33	43.5970	104.8406215	104.894205	1.150728	104.863284	
2010	247	1400	247.583333333		09/04/2010 14:00	114.93	1.61441	0.355	17.65	0.383	13.3	43.6014	104.839288	104.892871	1.149328	104.861884	
2010	247	1500	247.625000000		09/04/2010 15:00	114.86	1.61343	0.355	17.65	0.383	13.3	43.6036	104.8386212	104.892205	1.148628	104.861184	
2010	247	1600	247.666666667		09/04/2010 16:00	114.76	1.61202	0.355	17.66	0.383	13.32	43.6067	104.8376687	104.891252	1.147628	104.860184	
2010	247	1700	247.708333333		09/04/2010 17:00	114.58	1.60950	0.355	17.65	0.383	13.37	43.6124	104.8359542	104.889537	1.145828	104.858384	
2010	247	1800	247.750000000		09/04/2010 18:00	114.38	1.60669	0.355	17.65	0.383	13.29	43.6186	104.8340492	104.887632	1.143828	104.856384	
2010	247	1900	247.791666667		09/04/2010 19:00	114.23	1.60458	0.355	17.64	0.383	13.2	43.6233	104.8326205	104.886204	1.142328	104.854884	
2010	247	2000	247.833333333		09/04/2010 20:00	114.16	1.60360	0.355	17.66	0.383	13.14	43.6255	104.8319537	104.885537	1.141628	104.854184	
2010	247	2100	247.875000000		09/04/2010 21:00	113.81	1.59868	0.355	17.64	0.383	13.1	43.6364	104.8286199	104.882203	1.138128	104.850684	
2010	247	2200	247.916666667		09/04/2010 22:00	113.67	1.59671	0.355	17.64	0.383	13.07	43.6408	104.8272864	104.880870	1.136728	104.849284	
2010	247	2300	247.958333333		09/04/2010 23:00	113.62	1.59601	0.355	17.63	0.383	13.04	43.6424	104.8268102	104.880393	1.136228	104.848784	
2010	247	2400	248.000000000		09/05/2010 0:00	113.47	1.59390	0.355	17.65	0.383	13.02	43.6470	104.8253814	104.878965	1.134728	104.847284	
2010	248	100	248.041666667		09/05/2010 1:00	113.33	1.59194	0.355	17.65	0.383	12.99	43.6514	104.8240479	104.877631	1.133328	104.845884	
2010	248	200	248.083333333		09/05/2010 2:00	113.16	1.58955	0.355	17.66	0.383	12.98	43.6567	104.8224287	104.876012	1.131628	104.844183	
2010	248	300	248.125000000		09/05/2010 3:00	113.04	1.58786	0.355	17.65	0.383	12.96	43.6605	104.8212856	104.874869	1.130428	104.842983	
2010	248	400	248.166666667		09/05/2010 4:00	112.8	1.58449	0.355	17.65	0.383	12.96	43.6680	104.8189996	104.872583	1.128028	104.840583	
2010	248	500	248.208333333		09/05/2010 5:00	112.75	1.58379	0.355	17.67	0.383	12.95	43.6695	104.8185234	104.872107	1.127528	104.840083	
2010	248	600	248.250000000		09/05/2010 6:00	112.77	1.58407	0.355	17.65	0.383	13.24	43.6689	104.8187139	104.872297	1.127728	104.840283	
2010	248	700	248.291666667		09/05/2010 7:00	112.86	1.58534	0.355	17.65	0.383	13.78	43.6661	104.8195711	104.873154	1.128628	104.841183	
2010	248	800	248.333333333		09/05/2010 8:00	112.89	1.58576	0.355	17.66	0.383	13.71	43.6652	104.8198569	104.873440	1.128928	104.841483	
2010	248	900	248.375000000		09/05/2010 9:00	112.91	1.58604	0.355	17.66	0.383	13.63	43.6645	104.8200474	104.873631	1.129128	104.841683	
2010	248	1000	248.416666667		09/05/2010 10:00	112.99	1.58716	0.355	17.65	0.383	13.56	43.6620	104.8208094	104.874393	1.129928	104.842483	
2010	248	1100	248.458333333		09/05/2010 11:00	112.99	1.58716	0.355	17.65	0.383	13.51	43.6620	104.8208094	104.874393	1.129928	104.842483	
2010	248	1200	248.500000000		09/05/2010 12:00	112.94	1.58646	0.355	17.67	0.383	13.51	43.6636	104.8203331	104.873916	1.129428	104.841983	
2010	248	1300	248.541666667		09/05/2010 13:00	112.96	1.58674	0.355	17.65	0.383	13.48	43.6630	104.8205236	104.874107	1.129628	104.842183	
2010	248	1400	248.583333333		09/05/2010 14:00	112.72	1.58337	0.355	17.64	0.383	13.47	43.6705	104.8182376	104.871821	1.127228	104.839783	
2010	248	1500	248.625000000		09/05/2010 15:00	112.35	1.57817	0.354	17.65	0.383	13.45	43.6820	104.8147134	104.868297	1.123528	104.836083	
2010	248	1600	248.666666667		09/05/2010 16:00	112.25	1.57677	0.354	17.65	0.383	13.45	43.6852	104.8137609	104.867344	1.122528	104.835083	
2010	248	1700	248.708333333		09/05/2010 17:00	112.07	1.57424	0.354	17.64	0.383	13.49	43.6908	104.8120463	104.865630	1.120728	104.833283	
2010	248	1800	248.750000000		09/05/2010 18:00	112.03	1.57368	0.354	17.66	0.382	13.37	43.6920	104.8116653	104.865249	1.120328	104.832883	
2010	248	1900	248.791666667		09/05/2010 19:00	111.76	1.56988	0.354	17.66	0.382	13.28	43.7005	104.8090936	104.862677	1.117628	104.830183	
2010	248	2000	248.833333333		09/05/2010 20:00	111.56	1.56707	0.354	17.66	0.382	13.22	43.7067	104.8071886	104.860772	1.115628	104.828183	
2010	248	2100	248.875000000		09/05/2010 21:00	111.44	1.56539	0.354	17.66	0.382	13.18	43.7105	104.8060456	104.859629	1.114427	104.826983	
2010	248	2200	248.916666667		09/05/2010 22:00	111.25	1.56272	0.354	17.65	0.382	13.13	43.7164	104.8042358	104.857819	1.112527	104.825083	
2010	248	2300	248.958333333		09/05/2010 23:00	111.06	1.56005	0.354	17.65	0.382	13.09	43.7224	104.802426	104.856009	1.110627	104.823183	
2010	248	2400	249.000000000		09/06/2010 0:00	111.02	1.55949	0.354	17.65	0.383	13.06	43.7236	104.802045	104.855628	1.110227	104.822783	
2010	249	100	249.041666667		09/06/2010 1:00	110.92	1.55808	0.354	17.64	0.382	13.04	43.7267	104.8010925	104.854676	1.109227	104.821783	
2010	249	200	249.083333333		09/06/2010 2:00	110.79	1.55626	0.354	17.65	0.383	13.02	43.7308	104.7998543	104.853438	1.107927	104.820483	
2010	249	300	249.125000000		09/06/2010 3:00	110.76	1.55584	0.354	17.65	0.382	13	43.7317	104.7995685	104.853152	1.107627	104.820183	
2010	249	400	249.166666667		09/06/2010 4:00	110.73	1.55542	0.354	17.66	0.382	12.99	43.7327	104.7992828	104.852866	1.107327	104.819883	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	249	500	249.208333333		09/06/2010 5:00	110.6	1.55359	0.354	17.66	0.382	12.97	43.7367	104.7980445	104.851628	1.106027	104.818583	
2010	249	600	249.250000000		09/06/2010 6:00	110.46	1.55162	0.354	17.65	0.382	12.97	43.7411	104.796711	104.850294	1.104627	104.817183	
2010	249	700	249.291666667		09/06/2010 7:00	110.46	1.55162	0.354	17.65	0.382	13.78	43.7411	104.796711	104.850294	1.104627	104.817183	
2010	249	800	249.333333333		09/06/2010 8:00	110.32	1.54966	0.354	17.66	0.382	13.73	43.7455	104.7953775	104.848961	1.103227	104.815783	
2010	249	900	249.375000000		09/06/2010 9:00	110.4	1.55078	0.354	17.65	0.382	13.67	43.7430	104.7961395	104.849723	1.104027	104.816583	
2010	249	1000	249.416666667		09/06/2010 10:00	110.3	1.54937	0.354	17.66	0.382	13.6	43.7461	104.795187	104.848770	1.103027	104.815583	
2010	249	1100	249.458333333		09/06/2010 11:00	110.24	1.54853	0.354	17.66	0.382	13.55	43.7480	104.7946155	104.848199	1.102427	104.814983	
2010	249	1200	249.500000000		09/06/2010 12:00	110.17	1.54755	0.354	17.66	0.382	13.54	43.7502	104.7939487	104.847532	1.101727	104.814283	
2010	249	1300	249.541666667		09/06/2010 13:00	110.1	1.54657	0.354	17.67	0.382	13.48	43.7524	104.793282	104.846865	1.101027	104.813583	
2010	249	1400	249.583333333		09/06/2010 14:00	109.97	1.54474	0.354	17.65	0.382	13.43	43.7564	104.7920437	104.845627	1.099727	104.812283	
2010	249	1500	249.625000000		09/06/2010 15:00	109.79	1.54221	0.354	17.65	0.382	13.43	43.7620	104.7903292	104.843912	1.097927	104.810483	
2010	249	1600	249.666666667		09/06/2010 16:00	109.69	1.54081	0.354	17.65	0.382	13.45	43.7652	104.7893767	104.842960	1.096927	104.809483	
2010	249	1700	249.708333333		09/06/2010 17:00	109.48	1.53786	0.354	17.67	0.382	13.47	43.7717	104.7873765	104.840960	1.094827	104.807383	
2010	249	1800	249.750000000		09/06/2010 18:00	109.34	1.53589	0.354	17.68	0.382	13.37	43.7761	104.786043	104.839626	1.093427	104.805983	
2010	249	1900	249.791666667		09/06/2010 19:00	109.12	1.53280	0.353	17.66	0.381	13.27	43.7830	104.7839474	104.837531	1.091227	104.803782	
2010	249	2000	249.833333333		09/06/2010 20:00	108.96	1.53055	0.353	17.67	0.381	13.21	43.7880	104.7824234	104.836007	1.089627	104.802182	
2010	249	2100	249.875000000		09/06/2010 21:00	108.89	1.52957	0.353	17.66	0.381	13.16	43.7902	104.7817567	104.835340	1.088927	104.801482	
2010	249	2200	249.916666667		09/06/2010 22:00	108.78	1.52802	0.353	17.65	0.381	13.12	43.7936	104.7807089	104.834292	1.087827	104.800382	
2010	249	2300	249.958333333		09/06/2010 23:00	108.72	1.52718	0.353	17.67	0.381	13.09	43.7955	104.7801374	104.833721	1.087227	104.799782	
2010	249	2400	250.000000000		09/07/2010 0:00	108.59	1.52535	0.353	17.65	0.381	13.07	43.7995	104.7788992	104.832482	1.085927	104.798482	
2010	250	100	250.041666667		09/07/2010 1:00	108.36	1.52212	0.353	17.67	0.381	13.04	43.8067	104.7767084	104.830292	1.083627	104.796182	
2010	250	200	250.083333333		09/07/2010 2:00	108.5	1.52409	0.353	17.66	0.381	13.02	43.8024	104.7780419	104.831625	1.085027	104.797582	
2010	250	300	250.125000000		09/07/2010 3:00	108.49	1.52395	0.353	17.66	0.381	13.01	43.8027	104.7779467	104.831530	1.084927	104.797482	
2010	250	400	250.166666667		09/07/2010 4:00	108.47	1.52367	0.353	17.65	0.381	12.98	43.8033	104.7777562	104.831339	1.084727	104.797282	
2010	250	500	250.208333333		09/07/2010 5:00	108.5	1.52409	0.353	17.66	0.381	12.97	43.8024	104.7780419	104.831625	1.085027	104.797582	
2010	250	600	250.250000000		09/07/2010 6:00	108.63	1.52592	0.353	17.66	0.381	12.97	43.7983	104.7792802	104.832863	1.086327	104.798882	
2010	250	700	250.291666667		09/07/2010 7:00	108.78	1.52802	0.353	17.65	0.381	13.23	43.7936	104.7807089	104.834292	1.087827	104.800382	
2010	250	800	250.333333333		09/07/2010 8:00	108.93	1.53013	0.353	17.66	0.381	13.72	43.7889	104.7821377	104.835721	1.089327	104.801882	
2010	250	900	250.375000000		09/07/2010 9:00	109.11	1.53266	0.353	17.66	0.381	13.7	43.7833	104.7838522	104.837435	1.091127	104.803682	
2010	250	1000	250.416666667		09/07/2010 10:00	109.19	1.53378	0.353	17.66	0.381	13.65	43.7808	104.7846142	104.838197	1.091927	104.804483	
2010	250	1100	250.458333333		09/07/2010 11:00	109.36	1.53617	0.353	17.66	0.381	13.64	43.7755	104.7862335	104.839817	1.093627	104.806183	
2010	250	1200	250.500000000		09/07/2010 12:00	109.41	1.53687	0.353	17.65	0.381	13.63	43.7739	104.7867097	104.840293	1.094127	104.806683	
2010	250	1300	250.541666667		09/07/2010 13:00	109.47	1.53772	0.353	17.66	0.381	13.6	43.7720	104.7872812	104.840864	1.094727	104.807283	
2010	250	1400	250.583333333		09/07/2010 14:00	109.41	1.53687	0.353	17.67	0.381	13.59	43.7739	104.7867097	104.840293	1.094127	104.806683	
2010	250	1500	250.625000000		09/07/2010 15:00	109.44	1.53729	0.353	17.67	0.381	13.59	43.7730	104.7869955	104.840579	1.094427	104.806983	
2010	250	1600	250.666666667		09/07/2010 16:00	109.48	1.53786	0.353	17.66	0.381	13.58	43.7717	104.7873765	104.840960	1.094827	104.807383	
2010	250	1700	250.708333333		09/07/2010 17:00	109.64	1.54010	0.353	17.66	0.381	13.59	43.7667	104.7889005	104.842484	1.096427	104.808983	
2010	250	1800	250.750000000		09/07/2010 18:00	109.65	1.54024	0.353	17.66	0.381	13.45	43.7664	104.7889957	104.842579	1.096527	104.809083	
2010	250	1900	250.791666667		09/07/2010 19:00	109.84	1.54291	0.353	17.66	0.38	13.34	43.7605	104.7908055	104.844389	1.098427	104.810983	
2010	250	2000	250.833333333		09/07/2010 20:00	110.04	1.54572	0.352	17.67	0.38	13.27	43.7542	104.7927105	104.846294	1.100427	104.812983	
2010	250	2100	250.875000000		09/07/2010 21:00	110.41	1.55092	0.352	17.65	0.38	13.22	43.7427	104.7962348	104.849818	1.104127	104.816683	
2010	250	2200	250.916666667		09/07/2010 22:00	110.84	1.55696	0.352	17.66	0.38	13.17	43.7292	104.8003305	104.853914	1.108427	104.820983	
2010	250	2300	250.958333333		09/07/2010 23:00	111.3	1.56342	0.352	17.65	0.38	13.14	43.7149	104.8047121	104.858295	1.113027	104.825583	
2010	250	2400	251.000000000		09/08/2010 0:00	111.74	1.56960	0.352	17.66	0.38	13.11	43.7011	104.8089031	104.862486	1.117428	104.829983	
2010	251	100	251.041666667		09/08/2010 1:00	112.21	1.57620	0.352	17.67	0.38	13.07	43.6864	104.8133799	104.866963	1.122128	104.834683	
2010	251	200	251.083333333		09/08/2010 2:00	112.45	1.57958	0.352	17.65	0.38	13.05	43.6789	104.8156659	104.869249	1.124528	104.837083	
2010	251	300	251.125000000		09/08/2010 3:00	112.93	1.58632	0.352	17.65	0.38	13.03	43.6639	104.8202379	104.873821	1.129328	104.841883	
2010	251	400	251.166666667		09/08/2010 4:00	113.22	1.59039	0.352	17.66	0.38	13.02	43.6549	104.8230002	104.876583	1.132228	104.844783	
2010	251	500	251.208333333		09/08/2010 5:00	113.54	1.59489	0.352	17.66	0.379	13	43.6449	104.8260482	104.879631	1.135428	104.847984	
2010	251	600	251.250000000		09/08/2010 6:00	113.87	1.59952	0.352	17.66	0.379	12.99	43.6345	104.8291914	104.882775	1.138728	104.851284	
2010	251	700	251.291666667		09/08/2010 7:00	114.19	1.60402	0.352	17.67	0.379	13.68	43.6245	104.8322395	104.885823	1.141928	104.854484	
2010	251	800	251.333333333		09/08/2010 8:00	114.48	1.60809	0.352	17.66	0.379	13.7	43.6155	104.8350017	104.888585	1.144828	104.857384	
2010	251	900	251.375000000		09/08/2010 9:00	114.84	1.61315	0.351	17.66	0.379	13.65	43.6042	104.8384307	104.892014	1.148428	104.860984	
2010	251	1000	251.416666667		09/08/2010 10:00	115.14	1.61736	0.351	17.66	0.379	13.6	43.5949	104.8412883	104.894872	1.151428	104.863984	
2010	251	1100	251.458333333		09/08/2010 11:00	115.36	1.62045	0.351	17.67	0.379	13.57	43.5880	104.8433838	104.896967	1.153628	104.866184	
2010	251	1200	251.500000000		09/08/2010 12:00	115.49	1.62228	0.351	17.67	0.379	13.55	43.5839	104.844622	104.898205	1.154928	104.867484	
2010	251	1300	251.541666667		09/08/2010 13:00	115.61	1.62396	0.351	17.68	0.379	13.49	43.5802	104.845765	104.899348	1.156129	104.868684	
2010	251	1400	251.583333333		09/08/2010 14:00	115.63	1.62424	0.351	17.67	0.379	13.57	43.5795	104.8459555	104.899539	1.156329	104.868884	
2010	251	1500	251.625000000		09/08/2010 15:00	115.69	1.62509	0.351	17.66	0.379	13.49	43.5777	104.846527	104.900110	1.156929	104.869484	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	251	1600	251.666666667		09/08/2010 16:00	115.7	1.62523	0.351	17.66	0.379	13.51	43.5774	104.8466223	104.900206	1.157029	104.869584	
2010	251	1700	251.708333333		09/08/2010 17:00	115.46	1.62186	0.351	17.66	0.378	13.51	43.5849	104.8443363	104.897920	1.154628	104.867184	
2010	251	1800	251.750000000		09/08/2010 18:00	115.38	1.62073	0.351	17.65	0.378	13.35	43.5874	104.8435743	104.897158	1.153828	104.866384	
2010	251	1900	251.791666667		09/08/2010 19:00	115.5	1.62242	0.35	17.67	0.378	13.26	43.5836	104.8447173	104.898301	1.155028	104.867584	
2010	251	2000	251.833333333		09/08/2010 20:00	115.75	1.62593	0.351	17.66	0.378	13.21	43.5758	104.8470985	104.900682	1.157529	104.870084	
2010	251	2100	251.875000000		09/08/2010 21:00	115.98	1.62916	0.35	17.66	0.378	13.16	43.5686	104.8492893	104.902873	1.159829	104.872384	
2010	251	2200	251.916666667		09/08/2010 22:00	116.2	1.63225	0.35	17.65	0.378	13.12	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	251	2300	251.958333333		09/08/2010 23:00	116.78	1.64040	0.35	17.67	0.378	13.09	43.5436	104.8569093	104.910493	1.167829	104.880384	
2010	251	2400	252.000000000		09/09/2010 0:00	117.08	1.64461	0.35	17.66	0.378	13.07	43.5342	104.8597669	104.913350	1.170829	104.883384	
2010	252	100	252.041666667		09/09/2010 1:00	117.3	1.64770	0.35	17.65	0.378	13.05	43.5274	104.8618624	104.915446	1.173029	104.885585	
2010	252	200	252.083333333		09/09/2010 2:00	117.37	1.64869	0.35	17.64	0.378	13.02	43.5252	104.8625291	104.916112	1.173729	104.886285	
2010	252	300	252.125000000		09/09/2010 3:00	117.82	1.65501	0.35	17.65	0.378	13	43.5111	104.8668154	104.920399	1.178229	104.890785	
2010	252	400	252.166666667		09/09/2010 4:00	117.85	1.65543	0.35	17.66	0.377	12.98	43.5102	104.8671012	104.920684	1.178529	104.891085	
2010	252	500	252.208333333		09/09/2010 5:00	118.08	1.65866	0.35	17.65	0.377	12.97	43.5030	104.8692919	104.922875	1.180829	104.893385	
2010	252	600	252.250000000		09/09/2010 6:00	118.42	1.66344	0.35	17.66	0.377	12.96	43.4924	104.8725304	104.926114	1.184229	104.896785	
2010	252	700	252.291666667		09/09/2010 7:00	118.63	1.66639	0.349	17.66	0.377	13.01	43.4858	104.8745307	104.928114	1.186329	104.898885	
2010	252	800	252.333333333		09/09/2010 8:00	118.69	1.66723	0.349	17.65	0.377	13.72	43.4839	104.8751022	104.928685	1.186929	104.899485	
2010	252	900	252.375000000		09/09/2010 9:00	118.91	1.67032	0.349	17.67	0.377	13.65	43.4770	104.8771977	104.930781	1.189129	104.901685	
2010	252	1000	252.416666667		09/09/2010 10:00	118.95	1.67088	0.35	17.65	0.377	13.62	43.4758	104.8775787	104.931162	1.189529	104.902085	
2010	252	1100	252.458333333		09/09/2010 11:00	119.01	1.67172	0.349	17.65	0.377	13.56	43.4739	104.8781502	104.931733	1.190129	104.902685	
2010	252	1200	252.500000000		09/09/2010 12:00	118.98	1.67130	0.349	17.67	0.377	13.52	43.4749	104.8778645	104.931448	1.189829	104.902385	
2010	252	1300	252.541666667		09/09/2010 13:00	118.86	1.66962	0.349	17.65	0.377	13.47	43.4786	104.8767215	104.930305	1.188629	104.901185	
2010	252	1400	252.583333333		09/09/2010 14:00	118.88	1.66990	0.349	17.65	0.377	13.49	43.4780	104.876912	104.930495	1.188829	104.901385	
2010	252	1500	252.625000000		09/09/2010 15:00	118.57	1.66554	0.349	17.67	0.377	13.49	43.4877	104.8739592	104.927542	1.185729	104.898285	
2010	252	1600	252.666666667		09/09/2010 16:00	118.26	1.66119	0.349	17.66	0.377	13.49	43.4974	104.8710064	104.924590	1.182629	104.895185	
2010	252	1700	252.708333333		09/09/2010 17:00	117.89	1.65599	0.349	17.65	0.377	13.39	43.5089	104.8674822	104.921065	1.178929	104.891485	
2010	252	1800	252.750000000		09/09/2010 18:00	117.84	1.65529	0.349	17.67	0.377	13.28	43.5105	104.8670059	104.920589	1.178429	104.890985	
2010	252	1900	252.791666667		09/09/2010 19:00	117.46	1.64995	0.349	17.67	0.376	13.21	43.5224	104.8633864	104.916970	1.174629	104.887185	
2010	252	2000	252.833333333		09/09/2010 20:00	117.15	1.64560	0.349	17.66	0.377	13.15	43.5320	104.8604336	104.914017	1.171529	104.884084	
2010	252	2100	252.875000000		09/09/2010 21:00	116.9	1.64208	0.349	17.65	0.376	13.12	43.5399	104.8580524	104.911636	1.169029	104.881584	
2010	252	2200	252.916666667		09/09/2010 22:00	116.81	1.64082	0.349	17.65	0.376	13.08	43.5427	104.8571951	104.910778	1.168129	104.880684	
2010	252	2300	252.958333333		09/09/2010 23:00	116.53	1.63689	0.349	17.65	0.376	13.05	43.5514	104.8545281	104.908111	1.165329	104.877884	
2010	252	2400	253.000000000		09/10/2010 0:00	116.36	1.63450	0.349	17.65	0.377	13.03	43.5567	104.8529088	104.906492	1.163629	104.876184	
2010	253	100	253.041666667		09/10/2010 1:00	116.16	1.63169	0.349	17.65	0.377	13.01	43.5630	104.8510038	104.904587	1.161629	104.874184	
2010	253	200	253.083333333		09/10/2010 2:00	115.84	1.62719	0.349	17.66	0.377	12.99	43.5730	104.8479558	104.901539	1.158429	104.870984	
2010	253	300	253.125000000		09/10/2010 3:00	115.66	1.62467	0.349	17.67	0.377	12.97	43.5786	104.8462413	104.899825	1.156629	104.869184	
2010	253	400	253.166666667		09/10/2010 4:00	114.95	1.61469	0.349	17.64	0.377	12.96	43.6008	104.8394785	104.893062	1.149528	104.862084	
2010	253	500	253.208333333		09/10/2010 5:00	114.87	1.61357	0.349	17.64	0.376	12.95	43.6033	104.8387165	104.892300	1.148728	104.861284	
2010	253	600	253.250000000		09/10/2010 6:00	114.57	1.60936	0.349	17.65	0.376	13.15	43.6127	104.835859	104.889442	1.145728	104.858284	
2010	253	700	253.291666667		09/10/2010 7:00	114.45	1.60767	0.348	17.64	0.376	13.78	43.6164	104.834716	104.888299	1.144528	104.857084	
2010	253	800	253.333333333		09/10/2010 8:00	114.29	1.60542	0.348	17.65	0.376	13.71	43.6214	104.833192	104.886775	1.142928	104.855484	
2010	253	900	253.375000000		09/10/2010 9:00	114.23	1.60458	0.348	17.64	0.376	13.65	43.6233	104.8326205	104.886204	1.142328	104.854884	
2010	253	1000	253.416666667		09/10/2010 10:00	113.77	1.59812	0.348	17.66	0.376	13.59	43.6377	104.8282389	104.881822	1.137728	104.850284	
2010	253	1100	253.458333333		09/10/2010 11:00	113.58	1.59545	0.348	17.65	0.376	13.54	43.6436	104.8264292	104.880012	1.135828	104.848384	
2010	253	1200	253.500000000		09/10/2010 12:00	113.24	1.59067	0.348	17.64	0.376	13.54	43.6542	104.8231907	104.876774	1.132428	104.844984	
2010	253	1300	253.541666667		09/10/2010 13:00	112.9	1.58590	0.348	17.65	0.375	13.49	43.6649	104.8199521	104.873535	1.129028	104.841583	
2010	253	1400	253.583333333		09/10/2010 14:00	112.58	1.58140	0.348	17.65	0.376	13.45	43.6749	104.8169041	104.870487	1.125828	104.838383	
2010	253	1500	253.625000000		09/10/2010 15:00	112.26	1.57691	0.348	17.64	0.376	13.45	43.6849	104.8138561	104.867439	1.122628	104.835183	
2010	253	1600	253.666666667		09/10/2010 16:00	111.74	1.56960	0.348	17.67	0.376	13.45	43.7011	104.8089031	104.862486	1.117428	104.829983	
2010	253	1700	253.708333333		09/10/2010 17:00	111.37	1.56441	0.348	17.64	0.376	13.47	43.7127	104.8053788	104.858962	1.113727	104.826283	
2010	253	1800	253.750000000		09/10/2010 18:00	111.05	1.55991	0.348	17.65	0.376	13.32	43.7227	104.8023308	104.855914	1.110527	104.823083	
2010	253	1900	253.791666667		09/10/2010 19:00	110.72	1.55527	0.348	17.64	0.376	13.24	43.7330	104.7991875	104.852771	1.107227	104.819783	
2010	253	2000	253.833333333		09/10/2010 20:00	110.49	1.55204	0.348	17.63	0.376	13.18	43.7402	104.7969968	104.850580	1.104927	104.817483	
2010	253	2100	253.875000000		09/10/2010 21:00	110.17	1.54755	0.348	17.65	0.376	13.14	43.7502	104.7939487	104.847532	1.101727	104.814283	
2010	253	2200	253.916666667		09/10/2010 22:00	109.81	1.54249	0.348	17.64	0.376	13.11	43.7614	104.7905197	104.844103	1.098127	104.810683	
2010	253	2300	253.958333333		09/10/2010 23:00	109.49	1.53800	0.349	17.64	0.376	13.07	43.7714	104.7874717	104.841055	1.094927	104.807483	
2010	253	2400	254.000000000		09/11/2010 0:00	109.33	1.53575	0.348	17.65	0.376	13.04	43.7764	104.7859477	104.839531	1.093327	104.805883	
2010	254	100	254.041666667		09/11/2010 1:00	108.74	1.52746	0.349	17.65	0.376	13.02	43.7949	104.7803279	104.833911	1.087427	104.799982	
2010	254	200	254.083333333		09/11/2010 2:00	108.52	1.52437	0.349	17.63	0.376	12.99	43.8017	104.7782324	104.831816	1.085227	104.797782	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	254	300	254.125000000		09/11/2010 3:00	108.43	1.52311	0.349	17.66	0.376	12.98	43.8045	104.7773752	104.830958	1.084327	104.796882	
2010	254	400	254.166666667		09/11/2010 4:00	108.32	1.52156	0.349	17.64	0.376	12.96	43.8080	104.7763274	104.829911	1.083227	104.795782	
2010	254	500	254.208333333		09/11/2010 5:00	108.12	1.51875	0.348	17.64	0.376	12.94	43.8142	104.7744224	104.828006	1.081227	104.793782	
2010	254	600	254.250000000		09/11/2010 6:00	107.89	1.51552	0.349	17.65	0.376	13.16	43.8214	104.7722316	104.825815	1.078927	104.791482	
2010	254	700	254.291666667		09/11/2010 7:00	107.67	1.51243	0.349	17.65	0.376	13.82	43.8283	104.7701361	104.823719	1.076727	104.789282	
2010	254	800	254.333333333		09/11/2010 8:00	107.64	1.51201	0.349	17.65	0.377	13.73	43.8292	104.7698504	104.823434	1.076427	104.788982	
2010	254	900	254.375000000		09/11/2010 9:00	107.5	1.51004	0.349	17.64	0.376	13.68	43.8336	104.7685169	104.822100	1.075027	104.787582	
2010	254	1000	254.416666667		09/11/2010 10:00	107.33	1.50766	0.349	17.62	0.377	13.61	43.8389	104.7668976	104.820481	1.073326	104.785882	
2010	254	1100	254.458333333		09/11/2010 11:00	107.15	1.50513	0.349	17.65	0.376	13.56	43.8445	104.7651831	104.818766	1.071526	104.784082	
2010	254	1200	254.500000000		09/11/2010 12:00	106.85	1.50091	0.349	17.63	0.376	13.55	43.8539	104.7623256	104.815909	1.068526	104.781082	
2010	254	1300	254.541666667		09/11/2010 13:00	106.63	1.49782	0.349	17.63	0.376	13.49	43.8608	104.7602301	104.813813	1.066326	104.778882	
2010	254	1400	254.583333333		09/11/2010 14:00	106.44	1.49515	0.349	17.64	0.376	13.46	43.8667	104.7584203	104.812004	1.064426	104.776982	
2010	254	1500	254.625000000		09/11/2010 15:00	106.25	1.49248	0.349	17.63	0.376	13.43	43.8727	104.7566105	104.810194	1.062526	104.775082	
2010	254	1600	254.666666667		09/11/2010 16:00	106.01	1.48911	0.349	17.64	0.377	13.45	43.8802	104.7543245	104.807908	1.060126	104.772682	
2010	254	1700	254.708333333		09/11/2010 17:00	105.73	1.48518	0.349	17.64	0.376	13.47	43.8889	104.7516575	104.805241	1.057326	104.769882	
2010	254	1800	254.750000000		09/11/2010 18:00	105.45	1.48125	0.349	17.64	0.376	13.32	43.8977	104.7489905	104.802574	1.054526	104.767082	
2010	254	1900	254.791666667		09/11/2010 19:00	105.21	1.47788	0.349	17.64	0.377	13.24	43.9052	104.7467045	104.800288	1.052126	104.764682	
2010	254	2000	254.833333333		09/11/2010 20:00	104.88	1.47324	0.349	17.63	0.377	13.18	43.9155	104.7435612	104.797144	1.048826	104.761381	
2010	254	2100	254.875000000		09/11/2010 21:00	104.67	1.47029	0.349	17.64	0.377	13.14	43.9220	104.741561	104.795144	1.046726	104.759281	
2010	254	2200	254.916666667		09/11/2010 22:00	104.58	1.46903	0.349	17.65	0.377	13.11	43.9249	104.7407037	104.794287	1.045826	104.758381	
2010	254	2300	254.958333333		09/11/2010 23:00	104.42	1.46678	0.349	17.64	0.377	13.07	43.9299	104.7391797	104.792763	1.044226	104.756781	
2010	254	2400	255.000000000		09/12/2010 0:00	104.14	1.46285	0.349	17.63	0.377	13.04	43.9386	104.7365127	104.790096	1.041426	104.753981	
2010	255	100	255.041666667		09/12/2010 1:00	104.09	1.46214	0.349	17.64	0.377	13.01	43.9402	104.7360364	104.789620	1.040926	104.753481	
2010	255	200	255.083333333		09/12/2010 2:00	103.92	1.45976	0.349	17.65	0.377	12.99	43.9455	104.7344172	104.788000	1.039226	104.751781	
2010	255	300	255.125000000		09/12/2010 3:00	103.87	1.45905	0.349	17.64	0.377	12.97	43.9470	104.7339409	104.787524	1.038726	104.751281	
2010	255	400	255.166666667		09/12/2010 4:00	104	1.46088	0.349	17.64	0.377	12.96	43.9430	104.7351792	104.788762	1.040026	104.752581	
2010	255	500	255.208333333		09/12/2010 5:00	103.94	1.46004	0.349	17.66	0.377	12.94	43.9449	104.7346077	104.788191	1.039426	104.751981	
2010	255	600	255.250000000		09/12/2010 6:00	103.74	1.45723	0.349	17.64	0.377	13.13	43.9511	104.7327027	104.786286	1.037426	104.749981	
2010	255	700	255.291666667		09/12/2010 7:00	103.84	1.45863	0.349	17.63	0.377	13.82	43.9480	104.7336552	104.787238	1.038426	104.750981	
2010	255	800	255.333333333		09/12/2010 8:00	103.93	1.45990	0.349	17.62	0.377	13.71	43.9452	104.7345124	104.788096	1.039326	104.751881	
2010	255	900	255.375000000		09/12/2010 9:00	103.89	1.45933	0.349	17.63	0.376	13.63	43.9464	104.7341314	104.787715	1.038926	104.751481	
2010	255	1000	255.416666667		09/12/2010 10:00	103.87	1.45905	0.349	17.62	0.377	13.54	43.9470	104.7339409	104.787524	1.038726	104.751281	
2010	255	1100	255.458333333		09/12/2010 11:00	103.87	1.45905	0.349	17.62	0.377	13.48	43.9470	104.7339409	104.787524	1.038726	104.751281	
2010	255	1200	255.500000000		09/12/2010 12:00	103.87	1.45905	0.349	17.64	0.376	13.46	43.9470	104.7339409	104.787524	1.038726	104.751281	
2010	255	1300	255.541666667		09/12/2010 13:00	103.83	1.45849	0.349	17.64	0.377	13.39	43.9483	104.7335599	104.787143	1.038326	104.750881	
2010	255	1400	255.583333333		09/12/2010 14:00	103.73	1.45709	0.349	17.64	0.377	13.34	43.9514	104.7326074	104.786191	1.037326	104.749881	
2010	255	1500	255.625000000		09/12/2010 15:00	103.74	1.45723	0.349	17.64	0.377	13.31	43.9511	104.7327027	104.786286	1.037426	104.749981	
2010	255	1600	255.666666667		09/12/2010 16:00	103.53	1.45428	0.349	17.64	0.377	13.32	43.9577	104.7307024	104.784286	1.035326	104.747881	
2010	255	1700	255.708333333		09/12/2010 17:00	103.55	1.45456	0.349	17.65	0.377	13.34	43.9570	104.7308929	104.784476	1.035526	104.748081	
2010	255	1800	255.750000000		09/12/2010 18:00	103.49	1.45372	0.349	17.63	0.377	13.2	43.9589	104.7303214	104.783905	1.034926	104.747481	
2010	255	1900	255.791666667		09/12/2010 19:00	103.41	1.45259	0.349	17.65	0.376	13.13	43.9614	104.7295594	104.783143	1.034126	104.746681	
2010	255	2000	255.833333333		09/12/2010 20:00	103.35	1.45175	0.349	17.64	0.376	13.09	43.9633	104.7289879	104.782571	1.033525	104.746081	
2010	255	2100	255.875000000		09/12/2010 21:00	103.38	1.45217	0.349	17.62	0.376	13.05	43.9624	104.7292736	104.782857	1.033825	104.746381	
2010	255	2200	255.916666667		09/12/2010 22:00	103.3	1.45105	0.349	17.63	0.376	13.02	43.9649	104.7285116	104.782095	1.033025	104.745581	
2010	255	2300	255.958333333		09/12/2010 23:00	103.35	1.45175	0.348	17.62	0.376	13	43.9633	104.7289879	104.782571	1.033525	104.746081	
2010	255	2400	256.000000000		09/13/2010 0:00	103.35	1.45175	0.348	17.64	0.376	12.98	43.9633	104.7289879	104.782571	1.033525	104.746081	
2010	256	100	256.041666667		09/13/2010 1:00	103.49	1.45372	0.349	17.65	0.376	12.97	43.9589	104.7303214	104.783905	1.034926	104.747481	
2010	256	200	256.083333333		09/13/2010 2:00	103.57	1.45484	0.349	17.62	0.376	12.96	43.9564	104.7310834	104.784667	1.035726	104.748281	
2010	256	300	256.125000000		09/13/2010 3:00	103.67	1.45624	0.349	17.64	0.376	12.95	43.9533	104.7320359	104.785619	1.036726	104.749281	
2010	256	400	256.166666667		09/13/2010 4:00	103.75	1.45737	0.349	17.64	0.376	12.94	43.9508	104.7327979	104.786381	1.037526	104.750081	
2010	256	500	256.208333333		09/13/2010 5:00	103.85	1.45877	0.349	17.63	0.376	12.94	43.9477	104.7337504	104.787334	1.038526	104.751081	
2010	256	600	256.250000000		09/13/2010 6:00	104.02	1.46116	0.349	17.64	0.376	13.13	43.9424	104.7353697	104.788953	1.040226	104.752781	
2010	256	700	256.291666667		09/13/2010 7:00	104.23	1.46411	0.349	17.65	0.377	13.76	43.9358	104.7373699	104.790953	1.042326	104.754881	
2010	256	800	256.333333333		09/13/2010 8:00	104.4	1.46650	0.349	17.64	0.376	13.67	43.9305	104.7389892	104.792572	1.044026	104.756581	
2010	256	900	256.375000000		09/13/2010 9:00	104.53	1.46832	0.349	17.64	0.376	13.57	43.9264	104.7402274	104.793811	1.045326	104.757881	
2010	256	1000	256.416666667		09/13/2010 10:00	104.67	1.47029	0.349	17.64	0.376	13.51	43.9220	104.741561	104.795144	1.046726	104.759281	
2010	256	1100	256.458333333		09/13/2010 11:00	104.72	1.47099	0.348	17.63	0.376	13.45	43.9205	104.7420372	104.795620	1.047226	104.759781	
2010	256	1200	256.500000000		09/13/2010 12:00	104.84	1.47268	0.348	17.63	0.376	13.44	43.9167	104.7431802	104.796763	1.048426	104.760981	
2010	256	1300	256.541666667		09/13/2010 13:00	104.98	1.47465	0.348	17.64	0.376	13.38	43.9124	104.7445137	104.798097	1.049826	104.762381	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	256	1400	256.583333333		09/13/2010 14:00	104.98	1.47465	0.348	17.64	0.376	13.35	43.9124	104.7445137	104.798097	1.049826	104.762381	
2010	256	1500	256.625000000		09/13/2010 15:00	105.04	1.47549	0.348	17.64	0.376	13.33	43.9105	104.7450852	104.798668	1.050426	104.762981	
2010	256	1600	256.666666667		09/13/2010 16:00	104.94	1.47408	0.348	17.65	0.375	13.33	43.9136	104.7441327	104.797716	1.049426	104.761981	
2010	256	1700	256.708333333		09/13/2010 17:00	104.97	1.47450	0.348	17.64	0.375	13.35	43.9127	104.7444185	104.798002	1.049726	104.762281	
2010	256	1800	256.750000000		09/13/2010 18:00	104.9	1.47352	0.348	17.64	0.375	13.2	43.9149	104.7437517	104.797335	1.049026	104.761581	
2010	256	1900	256.791666667		09/13/2010 19:00	104.89	1.47338	0.348	17.63	0.376	13.14	43.9152	104.7436565	104.797240	1.048926	104.761481	
2010	256	2000	256.833333333		09/13/2010 20:00	104.9	1.47352	0.348	17.63	0.375	13.09	43.9149	104.7437517	104.797335	1.049026	104.761581	
2010	256	2100	256.875000000		09/13/2010 21:00	104.94	1.47408	0.348	17.62	0.375	13.06	43.9136	104.7441327	104.797716	1.049426	104.761981	
2010	256	2200	256.916666667		09/13/2010 22:00	104.97	1.47450	0.348	17.63	0.375	13.03	43.9127	104.7444185	104.798002	1.049726	104.762281	
2010	256	2300	256.958333333		09/13/2010 23:00	105.01	1.47507	0.348	17.64	0.375	13	43.9114	104.7447995	104.798383	1.050126	104.762681	
2010	256	2400	257.000000000		09/14/2010 0:00	105.26	1.47858	0.348	17.64	0.375	12.99	43.9036	104.7471807	104.800764	1.052626	104.765182	
2010	257	100	257.041666667		09/14/2010 1:00	105.5	1.48195	0.348	17.63	0.375	12.97	43.8961	104.7494667	104.803050	1.055026	104.767582	
2010	257	200	257.083333333		09/14/2010 2:00	105.76	1.48560	0.348	17.64	0.375	12.97	43.8880	104.7519433	104.805527	1.057626	104.770182	
2010	257	300	257.125000000		09/14/2010 3:00	106.12	1.49066	0.347	17.64	0.375	12.95	43.8767	104.7553723	104.808956	1.061226	104.773782	
2010	257	400	257.166666667		09/14/2010 4:00	106.4	1.49459	0.347	17.63	0.375	12.95	43.8680	104.7580393	104.811623	1.064026	104.776582	
2010	257	500	257.208333333		09/14/2010 5:00	106.66	1.49824	0.347	17.64	0.375	12.95	43.8599	104.7605158	104.814099	1.066626	104.779182	
2010	257	600	257.250000000		09/14/2010 6:00	107.11	1.50457	0.347	17.65	0.375	12.94	43.8458	104.7648021	104.818385	1.071126	104.783682	
2010	257	700	257.291666667		09/14/2010 7:00	107.5	1.51004	0.347	17.64	0.375	13.45	43.8336	104.7685169	104.822100	1.075027	104.787582	
2010	257	800	257.333333333		09/14/2010 8:00	107.83	1.51468	0.347	17.64	0.375	13.75	43.8233	104.7716601	104.825243	1.078327	104.790882	
2010	257	900	257.375000000		09/14/2010 9:00	108.26	1.52072	0.347	17.64	0.374	13.63	43.8099	104.7757559	104.829339	1.082627	104.795182	
2010	257	1000	257.416666667		09/14/2010 10:00	108.59	1.52535	0.347	17.61	0.375	13.53	43.7995	104.7788992	104.832482	1.085927	104.798482	
2010	257	1100	257.458333333		09/14/2010 11:00	108.85	1.52901	0.347	17.63	0.374	13.47	43.7914	104.7813757	104.834959	1.088527	104.801082	
2010	257	1200	257.500000000		09/14/2010 12:00	109.06	1.53196	0.346	17.65	0.374	13.45	43.7849	104.7833759	104.836959	1.090627	104.803182	
2010	257	1300	257.541666667		09/14/2010 13:00	109.22	1.53420	0.346	17.65	0.374	13.39	43.7799	104.7848999	104.838483	1.092227	104.804783	
2010	257	1400	257.583333333		09/14/2010 14:00	109.35	1.53603	0.347	17.63	0.374	13.35	43.7758	104.7861382	104.839721	1.093527	104.806083	
2010	257	1500	257.625000000		09/14/2010 15:00	109.47	1.53772	0.346	17.63	0.374	13.31	43.7720	104.7872812	104.840864	1.094727	104.807283	
2010	257	1600	257.666666667		09/14/2010 16:00	109.54	1.53870	0.346	17.64	0.374	13.31	43.7699	104.787948	104.841531	1.095427	104.807983	
2010	257	1700	257.708333333		09/14/2010 17:00	109.62	1.53982	0.346	17.65	0.374	13.35	43.7674	104.78871	104.842293	1.096227	104.808783	
2010	257	1800	257.750000000		09/14/2010 18:00	109.69	1.54081	0.346	17.64	0.374	13.21	43.7652	104.7893767	104.842960	1.096927	104.809483	
2010	257	1900	257.791666667		09/14/2010 19:00	109.83	1.54277	0.346	17.65	0.374	13.14	43.7608	104.7907102	104.844293	1.098327	104.810883	
2010	257	2000	257.833333333		09/14/2010 20:00	110.14	1.54713	0.346	17.63	0.373	13.1	43.7511	104.793663	104.847246	1.101427	104.813983	
2010	257	2100	257.875000000		09/14/2010 21:00	110.4	1.55078	0.346	17.65	0.373	13.06	43.7430	104.7961395	104.849723	1.104027	104.816583	
2010	257	2200	257.916666667		09/14/2010 22:00	110.67	1.55457	0.346	17.63	0.373	13.03	43.7345	104.7987113	104.852295	1.106727	104.819283	
2010	257	2300	257.958333333		09/14/2010 23:00	110.93	1.55822	0.345	17.63	0.373	13.01	43.7264	104.8011878	104.854771	1.109327	104.821883	
2010	257	2400	258.000000000		09/15/2010 0:00	111.13	1.56103	0.346	17.64	0.373	12.99	43.7202	104.8030928	104.856676	1.111327	104.823883	
2010	258	100	258.041666667		09/15/2010 1:00	111.31	1.56356	0.345	17.63	0.373	12.98	43.7145	104.8048073	104.858391	1.113127	104.825683	
2010	258	200	258.083333333		09/15/2010 2:00	111.46	1.56567	0.346	17.62	0.373	12.96	43.7099	104.8062361	104.859819	1.114627	104.827183	
2010	258	300	258.125000000		09/15/2010 3:00	111.62	1.56792	0.345	17.64	0.373	12.95	43.7049	104.8077601	104.861343	1.116228	104.828783	
2010	258	400	258.166666667		09/15/2010 4:00	111.79	1.57030	0.345	17.64	0.373	12.94	43.6995	104.8093793	104.862963	1.117928	104.830483	
2010	258	500	258.208333333		09/15/2010 5:00	111.93	1.57227	0.345	17.64	0.373	12.94	43.6952	104.8107128	104.864296	1.119328	104.831883	
2010	258	600	258.250000000		09/15/2010 6:00	112.14	1.57522	0.345	17.64	0.372	12.94	43.6886	104.8127131	104.866296	1.121428	104.833983	
2010	258	700	258.291666667		09/15/2010 7:00	112.19	1.57592	0.345	17.65	0.372	13.78	43.6870	104.8131894	104.866773	1.121928	104.834483	
2010	258	800	258.333333333		09/15/2010 8:00	112.42	1.57915	0.345	17.63	0.373	13.68	43.6799	104.8153801	104.868963	1.124228	104.836783	
2010	258	900	258.375000000		09/15/2010 9:00	112.75	1.58379	0.345	17.64	0.372	13.59	43.6695	104.8185234	104.872107	1.127528	104.840083	
2010	258	1000	258.416666667		09/15/2010 10:00	112.94	1.58646	0.345	17.64	0.373	13.52	43.6636	104.8203331	104.873916	1.129428	104.841983	
2010	258	1100	258.458333333		09/15/2010 11:00	113.03	1.58772	0.345	17.64	0.372	13.48	43.6608	104.8211904	104.874774	1.130328	104.842883	
2010	258	1200	258.500000000		09/15/2010 12:00	113.08	1.58843	0.345	17.65	0.372	13.45	43.6592	104.8216667	104.875250	1.130828	104.843383	
2010	258	1300	258.541666667		09/15/2010 13:00	113.22	1.59039	0.345	17.65	0.372	13.42	43.6549	104.8230002	104.876583	1.132228	104.844783	
2010	258	1400	258.583333333		09/15/2010 14:00	113.35	1.59222	0.345	17.66	0.372	13.37	43.6508	104.8242384	104.877822	1.133528	104.846084	
2010	258	1500	258.625000000		09/15/2010 15:00	113.41	1.59306	0.345	17.64	0.372	13.35	43.6489	104.8248099	104.878393	1.134128	104.846684	
2010	258	1600	258.666666667		09/15/2010 16:00	113.49	1.59418	0.345	17.64	0.372	13.38	43.6464	104.8255719	104.879155	1.134928	104.847484	
2010	258	1700	258.708333333		09/15/2010 17:00	113.4	1.59292	0.345	17.63	0.372	13.25	43.6492	104.8247147	104.878298	1.134028	104.846584	
2010	258	1800	258.750000000		09/15/2010 18:00	113.61	1.59587	0.345	17.63	0.372	13.17	43.6427	104.8267149	104.880298	1.136128	104.848684	
2010	258	1900	258.791666667		09/15/2010 19:00	113.9	1.59994	0.345	17.63	0.372	13.12	43.6336	104.8294772	104.883060	1.139028	104.851584	
2010	258	2000	258.833333333		09/15/2010 20:00	113.85	1.59924	0.345	17.64	0.372	13.08	43.6352	104.8290009	104.882584	1.138528	104.851084	
2010	258	2100	258.875000000		09/15/2010 21:00	114.04	1.60191	0.345	17.64	0.372	13.04	43.6292	104.8308107	104.884394	1.140428	104.852984	
2010	258	2200	258.916666667		09/15/2010 22:00	114.26	1.60500	0.344	17.65	0.372	13.02	43.6224	104.8329062	104.886489	1.142628	104.855184	
2010	258	2300	258.958333333		09/15/2010 23:00	114.45	1.60767	0.344	17.64	0.372	13	43.6164	104.834716	104.888299	1.144528	104.857084	
2010	258	2400	259.000000000		09/16/2010 0:00	114.7	1.61118	0.345	17.63	0.372	12.99	43.6086	104.8370972	104.890680	1.147028	104.859584	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	259	100	259.041666667		09/16/2010 1:00	114.69	1.61104	0.344	17.64	0.372	12.97	43.6089	104.837002	104.890585	1.146928	104.859484	
2010	259	200	259.083333333		09/16/2010 2:00	114.72	1.61146	0.344	17.63	0.372	12.97	43.6080	104.8372877	104.890871	1.147228	104.859784	
2010	259	300	259.125000000		09/16/2010 3:00	114.7	1.61118	0.344	17.63	0.372	12.96	43.6086	104.8370972	104.890680	1.147028	104.859584	
2010	259	400	259.166666667		09/16/2010 4:00	114.57	1.60936	0.344	17.63	0.372	12.97	43.6127	104.835859	104.889442	1.145728	104.858284	
2010	259	500	259.208333333		09/16/2010 5:00	114.56	1.60921	0.344	17.64	0.372	12.96	43.6130	104.8357637	104.889347	1.145628	104.858184	
2010	259	600	259.250000000		09/16/2010 6:00	114.32	1.60584	0.344	17.64	0.371	12.96	43.6205	104.8334777	104.887061	1.143228	104.855784	
2010	259	700	259.291666667		09/16/2010 7:00	114.19	1.60402	0.344	17.64	0.371	13.19	43.6245	104.8322395	104.885823	1.141928	104.854484	
2010	259	800	259.333333333		09/16/2010 8:00	113.89	1.59980	0.344	17.63	0.372	13.61	43.6339	104.8293819	104.882965	1.138928	104.851484	
2010	259	900	259.375000000		09/16/2010 9:00	113.7	1.59713	0.344	17.64	0.371	13.55	43.6399	104.8275722	104.881155	1.137028	104.849584	
2010	259	1000	259.416666667		09/16/2010 10:00	113.41	1.59306	0.344	17.63	0.371	13.52	43.6489	104.8248099	104.878393	1.134128	104.846684	
2010	259	1100	259.458333333		09/16/2010 11:00	113.25	1.59081	0.344	17.63	0.371	13.45	43.6539	104.8232859	104.876869	1.132528	104.845084	
2010	259	1200	259.500000000		09/16/2010 12:00	112.97	1.58688	0.344	17.64	0.371	13.41	43.6627	104.8206189	104.874202	1.129728	104.842283	
2010	259	1300	259.541666667		09/16/2010 13:00	112.71	1.58323	0.344	17.65	0.371	13.38	43.6708	104.8181424	104.871726	1.127128	104.839683	
2010	259	1400	259.583333333		09/16/2010 14:00	112.4	1.57887	0.344	17.64	0.371	13.33	43.6805	104.8151896	104.868773	1.124028	104.836583	
2010	259	1500	259.625000000		09/16/2010 15:00	112.12	1.57494	0.344	17.66	0.371	13.32	43.6892	104.8125226	104.866106	1.121228	104.833783	
2010	259	1600	259.666666667		09/16/2010 16:00	111.81	1.57059	0.344	17.62	0.371	13.34	43.6989	104.8095698	104.863153	1.118128	104.830683	
2010	259	1700	259.708333333		09/16/2010 17:00	111.6	1.56764	0.343	17.65	0.371	13.27	43.7055	104.8075696	104.861153	1.116028	104.828583	
2010	259	1800	259.750000000		09/16/2010 18:00	111.45	1.56553	0.344	17.63	0.371	13.18	43.7102	104.8061408	104.859724	1.114527	104.827083	
2010	259	1900	259.791666667		09/16/2010 19:00	111.23	1.56244	0.344	17.64	0.371	13.12	43.7170	104.8040453	104.857629	1.112327	104.824883	
2010	259	2000	259.833333333		09/16/2010 20:00	111.26	1.56286	0.344	17.63	0.371	13.08	43.7161	104.8043311	104.857914	1.112627	104.825183	
2010	259	2100	259.875000000		09/16/2010 21:00	111.31	1.56356	0.344	17.63	0.371	13.05	43.7145	104.8048073	104.858391	1.113127	104.825683	
2010	259	2200	259.916666667		09/16/2010 22:00	111.52	1.56651	0.344	17.64	0.371	13.02	43.7080	104.8068076	104.860391	1.115228	104.827783	
2010	259	2300	259.958333333		09/16/2010 23:00	111.64	1.56820	0.344	17.64	0.371	13.01	43.7042	104.8079506	104.861534	1.116428	104.828983	
2010	259	2400	260.000000000		09/17/2010 0:00	111.77	1.57002	0.344	17.63	0.371	13	43.7002	104.8091888	104.862772	1.117728	104.830283	
2010	260	100	260.041666667		09/17/2010 1:00	111.82	1.57073	0.343	17.63	0.371	12.99	43.6986	104.8096651	104.863248	1.118228	104.830783	
2010	260	200	260.083333333		09/17/2010 2:00	111.89	1.57171	0.343	17.65	0.371	12.98	43.6964	104.8103318	104.863915	1.118928	104.831483	
2010	260	300	260.125000000		09/17/2010 3:00	111.91	1.57199	0.344	17.63	0.371	12.98	43.6958	104.8105223	104.864106	1.119128	104.831683	
2010	260	400	260.166666667		09/17/2010 4:00	112	1.57325	0.343	17.62	0.371	12.98	43.6930	104.8113796	104.864963	1.120028	104.832583	
2010	260	500	260.208333333		09/17/2010 5:00	112.1	1.57466	0.343	17.65	0.37	12.97	43.6899	104.8123321	104.865915	1.121028	104.833583	
2010	260	600	260.250000000		09/17/2010 6:00	112.11	1.57480	0.343	17.63	0.37	12.97	43.6895	104.8124273	104.866011	1.121128	104.833683	
2010	260	700	260.291666667		09/17/2010 7:00	112.1	1.57466	0.343	17.64	0.37	13.57	43.6899	104.8123321	104.865915	1.121028	104.833583	
2010	260	800	260.333333333		09/17/2010 8:00	112.21	1.57620	0.343	17.66	0.37	13.55	43.6864	104.8133799	104.866963	1.122128	104.834683	
2010	260	900	260.375000000		09/17/2010 9:00	112.21	1.57620	0.343	17.63	0.37	13.5	43.6864	104.8133799	104.866963	1.122128	104.834683	
2010	260	1000	260.416666667		09/17/2010 10:00	112.11	1.57480	0.343	17.65	0.37	13.48	43.6895	104.8124273	104.866011	1.121128	104.833683	
2010	260	1100	260.458333333		09/17/2010 11:00	112.11	1.57480	0.343	17.66	0.37	13.46	43.6895	104.8124273	104.866011	1.121128	104.833683	
2010	260	1200	260.500000000		09/17/2010 12:00	112.01	1.57340	0.343	17.64	0.37	13.45	43.6927	104.8114748	104.865058	1.120128	104.832683	
2010	260	1300	260.541666667		09/17/2010 13:00	111.87	1.57143	0.343	17.64	0.37	13.41	43.6970	104.8101413	104.863725	1.118728	104.831283	
2010	260	1400	260.583333333		09/17/2010 14:00	111.77	1.57002	0.343	17.63	0.37	13.39	43.7002	104.8091888	104.862772	1.117728	104.830283	
2010	260	1500	260.625000000		09/17/2010 15:00	111.62	1.56792	0.343	17.64	0.37	13.39	43.7049	104.8077601	104.861343	1.116228	104.828783	
2010	260	1600	260.666666667		09/17/2010 16:00	111.4	1.56483	0.343	17.65	0.37	13.4	43.7117	104.8056646	104.859248	1.114027	104.826583	
2010	260	1700	260.708333333		09/17/2010 17:00	111.19	1.56188	0.343	17.65	0.37	13.31	43.7183	104.8036643	104.857248	1.111927	104.824483	
2010	260	1800	260.750000000		09/17/2010 18:00	110.89	1.55766	0.343	17.65	0.37	13.21	43.7277	104.8008068	104.854390	1.108927	104.821483	
2010	260	1900	260.791666667		09/17/2010 19:00	110.73	1.55542	0.342	17.66	0.37	13.15	43.7327	104.7992828	104.852866	1.107327	104.819883	
2010	260	2000	260.833333333		09/17/2010 20:00	110.72	1.55527	0.343	17.65	0.37	13.1	43.7330	104.7991875	104.852771	1.107227	104.819783	
2010	260	2100	260.875000000		09/17/2010 21:00	110.76	1.55584	0.342	17.64	0.37	13.07	43.7317	104.7995685	104.853152	1.107627	104.820183	
2010	260	2200	260.916666667		09/17/2010 22:00	110.68	1.55471	0.343	17.64	0.37	13.05	43.7342	104.7988065	104.852390	1.106827	104.819383	
2010	260	2300	260.958333333		09/17/2010 23:00	110.78	1.55612	0.343	17.66	0.37	13.03	43.7311	104.799759	104.853342	1.107827	104.820383	
2010	260	2400	261.000000000		09/18/2010 0:00	110.92	1.55808	0.342	17.66	0.37	13.01	43.7267	104.8010925	104.854676	1.109227	104.821783	
2010	261	100	261.041666667		09/18/2010 1:00	110.96	1.55865	0.343	17.64	0.37	12.99	43.7255	104.8014735	104.855057	1.109627	104.822183	
2010	261	200	261.083333333		09/18/2010 2:00	110.82	1.55668	0.343	17.64	0.37	12.98	43.7299	104.80014	104.853723	1.108227	104.820783	
2010	261	300	261.125000000		09/18/2010 3:00	111.06	1.56005	0.343	17.65	0.37	12.97	43.7224	104.802426	104.856009	1.110627	104.823183	
2010	261	400	261.166666667		09/18/2010 4:00	110.98	1.55893	0.343	17.65	0.37	12.97	43.7249	104.801664	104.855247	1.109827	104.822383	
2010	261	500	261.208333333		09/18/2010 5:00	111.03	1.55963	0.343	17.64	0.37	12.95	43.7233	104.8021403	104.855724	1.110327	104.822883	
2010	261	600	261.250000000		09/18/2010 6:00	111.06	1.56005	0.343	17.65	0.37	12.94	43.7224	104.802426	104.856009	1.110627	104.823183	
2010	261	700	261.291666667		09/18/2010 7:00	110.95	1.55851	0.342	17.65	0.37	13.61	43.7258	104.8013783	104.854962	1.109527	104.822083	
2010	261	800	261.333333333		09/18/2010 8:00	110.86	1.55724	0.342	17.64	0.369	13.68	43.7286	104.800521	104.854104	1.108627	104.821183	
2010	261	900	261.375000000		09/18/2010 9:00	111.02	1.55949	0.342	17.65	0.369	13.6	43.7236	104.802045	104.855628	1.110227	104.822783	
2010	261	1000	261.416666667		09/18/2010 10:00	111.01	1.55935	0.342	17.65	0.369	13.57	43.7239	104.8019498	104.855533	1.110127	104.822683	
2010	261	1100	261.458333333		09/18/2010 11:00	110.75	1.55570	0.342	17.66	0.369	13.55	43.7320	104.7994733	104.853057	1.107527	104.820083	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	261	1200	261.500000000		09/18/2010 12:00	110.7	1.55499	0.342	17.65	0.369	13.51	43.7336	104.798997	104.852580	1.107027	104.819583	
2010	261	1300	261.541666667		09/18/2010 13:00	110.75	1.55570	0.342	17.66	0.369	13.48	43.7320	104.7994733	104.853057	1.107527	104.820083	
2010	261	1400	261.583333333		09/18/2010 14:00	110.65	1.55429	0.342	17.65	0.369	13.46	43.7352	104.7985208	104.852104	1.106527	104.819083	
2010	261	1500	261.625000000		09/18/2010 15:00	110.42	1.55106	0.342	17.64	0.369	13.47	43.7424	104.79633	104.849913	1.104227	104.816783	
2010	261	1600	261.666666667		09/18/2010 16:00	110.31	1.54952	0.342	17.67	0.369	13.5	43.7458	104.7952823	104.848866	1.103127	104.815683	
2010	261	1700	261.708333333		09/18/2010 17:00	110.16	1.54741	0.342	17.65	0.369	13.33	43.7505	104.7938535	104.847437	1.101627	104.814183	
2010	261	1800	261.750000000		09/18/2010 18:00	110.06	1.54600	0.342	17.64	0.369	13.25	43.7536	104.792901	104.846484	1.100627	104.813183	
2010	261	1900	261.791666667		09/18/2010 19:00	109.86	1.54319	0.342	17.66	0.369	13.19	43.7599	104.790996	104.844579	1.098627	104.811183	
2010	261	2000	261.833333333		09/18/2010 20:00	109.64	1.54010	0.342	17.65	0.369	13.15	43.7667	104.7889005	104.842484	1.096427	104.808983	
2010	261	2100	261.875000000		09/18/2010 21:00	109.52	1.53842	0.342	17.65	0.369	13.11	43.7705	104.7877575	104.841341	1.095227	104.807783	
2010	261	2200	261.916666667		09/18/2010 22:00	109.36	1.53617	0.342	17.66	0.369	13.08	43.7755	104.7862335	104.839817	1.093627	104.806183	
2010	261	2300	261.958333333		09/18/2010 23:00	109.16	1.53336	0.342	17.64	0.369	13.06	43.7817	104.7843284	104.837912	1.091627	104.804182	
2010	261	2400	262.000000000		09/19/2010 0:00	108.99	1.53097	0.342	17.65	0.369	13.04	43.7870	104.7827092	104.836292	1.089927	104.802482	
2010	262	100	262.041666667		09/19/2010 1:00	108.73	1.52732	0.342	17.66	0.369	13.03	43.7952	104.7802327	104.833816	1.087327	104.799882	
2010	262	200	262.083333333		09/19/2010 2:00	108.63	1.52592	0.342	17.65	0.369	13.01	43.7983	104.7792802	104.832863	1.086327	104.798882	
2010	262	300	262.125000000		09/19/2010 3:00	108.24	1.52044	0.342	17.65	0.369	13	43.8105	104.7755654	104.829149	1.082427	104.794982	
2010	262	400	262.166666667		09/19/2010 4:00	108.29	1.52114	0.342	17.66	0.369	12.99	43.8089	104.7760416	104.829625	1.082927	104.795482	
2010	262	500	262.208333333		09/19/2010 5:00	108.07	1.51805	0.342	17.65	0.369	12.98	43.8158	104.7739461	104.827529	1.080727	104.793282	
2010	262	600	262.250000000		09/19/2010 6:00	107.83	1.51468	0.342	17.67	0.369	12.97	43.8233	104.7716601	104.825243	1.078327	104.790882	
2010	262	700	262.291666667		09/19/2010 7:00	107.83	1.51468	0.342	17.64	0.369	12.97	43.8233	104.7716601	104.825243	1.078327	104.790882	
2010	262	800	262.333333333		09/19/2010 8:00	107.61	1.51159	0.342	17.64	0.369	13.63	43.8302	104.7695646	104.823148	1.076127	104.788682	
2010	262	900	262.375000000		09/19/2010 9:00	107.32	1.50752	0.342	17.65	0.369	13.66	43.8392	104.7668023	104.820386	1.073226	104.785782	
2010	262	1000	262.416666667		09/19/2010 10:00	107.04	1.50358	0.342	17.65	0.369	13.49	43.8480	104.7641353	104.817719	1.070426	104.782982	
2010	262	1100	262.458333333		09/19/2010 11:00	107.24	1.50639	0.342	17.65	0.369	13.69	43.8417	104.7660403	104.819624	1.072426	104.784982	
2010	262	1200	262.500000000		09/19/2010 12:00	107.12	1.50471	0.342	17.64	0.369	13.68	43.8455	104.7648973	104.818481	1.071226	104.783782	
2010	262	1300	262.541666667		09/19/2010 13:00	106.79	1.50007	0.342	17.65	0.369	13.64	43.8558	104.7617541	104.815337	1.067926	104.780482	
2010	262	1400	262.583333333		09/19/2010 14:00	106.56	1.49684	0.342	17.67	0.369	13.63	43.8630	104.7595633	104.813147	1.065626	104.778182	
2010	262	1500	262.625000000		09/19/2010 15:00	106.56	1.49684	0.342	17.65	0.369	13.61	43.8630	104.7595633	104.813147	1.065626	104.778182	
2010	262	1600	262.666666667		09/19/2010 16:00	106.3	1.49319	0.342	17.64	0.369	13.61	43.8711	104.7570868	104.810670	1.063026	104.775582	
2010	262	1700	262.708333333		09/19/2010 17:00	106.04	1.48954	0.342	17.65	0.369	13.46	43.8792	104.7546103	104.808194	1.060426	104.772982	
2010	262	1800	262.750000000		09/19/2010 18:00	105.97	1.48855	0.342	17.65	0.369	13.35	43.8814	104.7539435	104.807527	1.059726	104.772282	
2010	262	1900	262.791666667		09/19/2010 19:00	105.88	1.48729	0.342	17.66	0.369	13.28	43.8842	104.7530863	104.806670	1.058826	104.771382	
2010	262	2000	262.833333333		09/19/2010 20:00	105.94	1.48813	0.342	17.65	0.369	13.22	43.8824	104.7536578	104.807241	1.059426	104.771982	
2010	262	2100	262.875000000		09/19/2010 21:00	105.8	1.48616	0.342	17.64	0.369	13.17	43.8867	104.7523243	104.805908	1.058026	104.770582	
2010	262	2200	262.916666667		09/19/2010 22:00	105.62	1.48364	0.342	17.66	0.369	13.14	43.8924	104.7506098	104.804193	1.056226	104.768782	
2010	262	2300	262.958333333		09/19/2010 23:00	105.6	1.48335	0.342	17.65	0.369	13.11	43.8930	104.7504193	104.804003	1.056026	104.768582	
2010	262	2400	263.000000000		09/20/2010 0:00	105.75	1.48546	0.342	17.65	0.369	13.09	43.8883	104.751848	104.805431	1.057526	104.770082	
2010	263	100	263.041666667		09/20/2010 1:00	105.45	1.48125	0.342	17.66	0.369	13.06	43.8977	104.7489905	104.802574	1.054526	104.767082	
2010	263	200	263.083333333		09/20/2010 2:00	105.67	1.48434	0.342	17.66	0.369	13.04	43.8908	104.751086	104.804669	1.056726	104.769282	
2010	263	300	263.125000000		09/20/2010 3:00	105.6	1.48335	0.342	17.68	0.369	13.03	43.8930	104.7504193	104.804003	1.056026	104.768582	
2010	263	400	263.166666667		09/20/2010 4:00	105.44	1.48111	0.342	17.65	0.369	13.01	43.8980	104.7488952	104.802479	1.054426	104.766982	
2010	263	500	263.208333333		09/20/2010 5:00	105.64	1.48392	0.342	17.65	0.369	13	43.8917	104.7508003	104.804384	1.056426	104.768982	
2010	263	600	263.250000000		09/20/2010 6:00	105.53	1.48237	0.342	17.65	0.369	12.99	43.8952	104.7497525	104.803336	1.055326	104.767882	
2010	263	700	263.291666667		09/20/2010 7:00	105.45	1.48125	0.342	17.66	0.369	13.68	43.8977	104.7489905	104.802574	1.054526	104.767082	
2010	263	800	263.333333333		09/20/2010 8:00	105.8	1.48616	0.342	17.66	0.369	13.66	43.8867	104.7523243	104.805908	1.058026	104.770582	
2010	263	900	263.375000000		09/20/2010 9:00	105.5	1.48195	0.342	17.66	0.369	13.63	43.8961	104.7494667	104.803050	1.055026	104.767582	
2010	263	1000	263.416666667		09/20/2010 10:00	105.51	1.48209	0.342	17.66	0.369	13.61	43.8958	104.749562	104.803145	1.055126	104.767682	
2010	263	1100	263.458333333		09/20/2010 11:00	105.46	1.48139	0.342	17.67	0.369	13.57	43.8974	104.7490857	104.802669	1.054626	104.767182	
2010	263	1200	263.500000000		09/20/2010 12:00	105.47	1.48153	0.342	17.66	0.369	13.55	43.8970	104.749181	104.802764	1.054726	104.767282	
2010	263	1300	263.541666667		09/20/2010 13:00	105.64	1.48392	0.342	17.64	0.369	13.51	43.8917	104.7508003	104.804384	1.056426	104.768982	
2010	263	1400	263.583333333		09/20/2010 14:00	105.42	1.48083	0.342	17.66	0.369	13.49	43.8986	104.7487047	104.802288	1.054226	104.766782	
2010	263	1500	263.625000000		09/20/2010 15:00	105.15	1.47703	0.342	17.65	0.369	13.48	43.9070	104.746133	104.799716	1.051526	104.764082	
2010	263	1600	263.666666667		09/20/2010 16:00	105.14	1.47689	0.342	17.67	0.369	13.48	43.9074	104.7460377	104.799621	1.051426	104.763982	
2010	263	1700	263.708333333		09/20/2010 17:00	105.17	1.47731	0.342	17.67	0.369	13.51	43.9064	104.7463235	104.799907	1.051726	104.764282	
2010	263	1800	263.750000000		09/20/2010 18:00	104.96	1.47436	0.342	17.68	0.369	13.36	43.9130	104.7443232	104.797906	1.049626	104.762181	
2010	263	1900	263.791666667		09/20/2010 19:00	104.65	1.47001	0.342	17.67	0.369	13.28	43.9227	104.7413705	104.794954	1.046526	104.759081	
2010	263	2000	263.833333333		09/20/2010 20:00	104.45	1.46720	0.342	17.67	0.369	13.21	43.9289	104.7394654	104.793049	1.044526	104.757081	
2010	263	2100	263.875000000		09/20/2010 21:00	104.57	1.46889	0.342	17.67	0.369	13.17	43.9252	104.7406084	104.794192	1.045726	104.758281	
2010	263	2200	263.916666667		09/20/2010 22:00	104.57	1.46889	0.342	17.65	0.369	13.13	43.9252	104.7406084	104.794192	1.045726	104.758281	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	263	2300	263.958333333		09/20/2010 23:00	104.22	1.46397	0.342	17.68	0.369	13.09	43.9361	104.7372747	104.790858	1.042226	104.754781	
2010	263	2400	264.000000000		09/21/2010 0:00	104.25	1.46439	0.342	17.65	0.369	13.07	43.9352	104.7375604	104.791144	1.042526	104.755081	
2010	264	100	264.041666667		09/21/2010 1:00	104.13	1.46271	0.342	17.66	0.369	13.05	43.9389	104.7364174	104.790001	1.041326	104.753881	
2010	264	200	264.083333333		09/21/2010 2:00	103.91	1.45962	0.342	17.67	0.369	13.03	43.9458	104.7343219	104.787905	1.039126	104.751681	
2010	264	300	264.125000000		09/21/2010 3:00	103.91	1.45962	0.342	17.66	0.369	13.01	43.9458	104.7343219	104.787905	1.039126	104.751681	
2010	264	400	264.166666667		09/21/2010 4:00	103.79	1.45793	0.342	17.67	0.369	12.99	43.9495	104.7331789	104.786762	1.037926	104.750481	
2010	264	500	264.208333333		09/21/2010 5:00	103.53	1.45428	0.342	17.67	0.369	12.97	43.9577	104.7307024	104.784286	1.035326	104.747881	
2010	264	600	264.250000000		09/21/2010 6:00	103.57	1.45484	0.342	17.66	0.369	12.97	43.9564	104.7310834	104.784667	1.035726	104.748281	
2010	264	700	264.291666667		09/21/2010 7:00	103.45	1.45315	0.342	17.67	0.369	13.88	43.9602	104.7299404	104.783524	1.034526	104.747081	
2010	264	800	264.333333333		09/21/2010 8:00	103.18	1.44936	0.342	17.66	0.369	13.76	43.9686	104.7273686	104.780952	1.031825	104.744381	
2010	264	900	264.375000000		09/21/2010 9:00	103.35	1.45175	0.342	17.67	0.369	13.68	43.9633	104.7289879	104.782571	1.033525	104.746081	
2010	264	1000	264.416666667		09/21/2010 10:00	103.19	1.44950	0.342	17.68	0.369	13.59	43.9683	104.7274639	104.781047	1.031925	104.744481	
2010	264	1100	264.458333333		09/21/2010 11:00	102.95	1.44613	0.342	17.66	0.369	13.56	43.9758	104.7251779	104.778761	1.029525	104.742081	
2010	264	1200	264.500000000		09/21/2010 12:00	102.85	1.44473	0.342	17.66	0.369	13.59	43.9789	104.7242254	104.777809	1.028525	104.741081	
2010	264	1300	264.541666667		09/21/2010 13:00	102.79	1.44388	0.342	17.67	0.369	13.55	43.9808	104.7236539	104.777237	1.027925	104.740481	
2010	264	1400	264.583333333		09/21/2010 14:00	102.62	1.44149	0.342	17.66	0.369	13.5	43.9861	104.7220346	104.775618	1.026225	104.738781	
2010	264	1500	264.625000000		09/21/2010 15:00	102.51	1.43995	0.342	17.66	0.369	13.49	43.9895	104.7209868	104.774570	1.025125	104.737681	
2010	264	1600	264.666666667		09/21/2010 16:00	102.39	1.43826	0.342	17.67	0.369	13.51	43.9933	104.7198438	104.773427	1.023925	104.736481	
2010	264	1700	264.708333333		09/21/2010 17:00	102.39	1.43826	0.342	17.67	0.369	13.55	43.9933	104.7198438	104.773427	1.023925	104.736481	
2010	264	1800	264.750000000		09/21/2010 18:00	102.49	1.43967	0.342	17.65	0.369	13.39	43.9902	104.7207963	104.774380	1.024925	104.737481	
2010	264	1900	264.791666667		09/21/2010 19:00	102.19	1.43545	0.342	17.65	0.369	13.3	43.9995	104.7179388	104.771522	1.021925	104.734481	
2010	264	2000	264.833333333		09/21/2010 20:00	102.36	1.43784	0.342	17.68	0.369	13.24	43.9942	104.7195581	104.773141	1.023625	104.736181	
2010	264	2100	264.875000000		09/21/2010 21:00	102.55	1.44051	0.342	17.65	0.369	13.19	43.9883	104.7213678	104.774951	1.025525	104.738081	
2010	264	2200	264.916666667		09/21/2010 22:00	102.76	1.44346	0.342	17.67	0.369	13.15	43.9817	104.7233681	104.776951	1.027625	104.740181	
2010	264	2300	264.958333333		09/21/2010 23:00	102.68	1.44234	0.342	17.66	0.369	13.11	43.9842	104.7226061	104.776189	1.026825	104.739381	
2010	264	2400	265.000000000		09/22/2010 0:00	102.5	1.43981	0.342	17.67	0.369	13.08	43.9899	104.7208916	104.774475	1.025025	104.737581	
2010	265	100	265.041666667		09/22/2010 1:00	102.75	1.44332	0.342	17.67	0.369	13.05	43.9820	104.7232728	104.776856	1.027525	104.740081	
2010	265	200	265.083333333		09/22/2010 2:00	103.15	1.44894	0.342	17.68	0.369	13.03	43.9695	104.7270829	104.780666	1.031525	104.744081	
2010	265	300	265.125000000		09/22/2010 3:00	103.33	1.45147	0.342	17.69	0.369	13.01	43.9639	104.7287974	104.782381	1.033325	104.745881	
2010	265	400	265.166666667		09/22/2010 4:00	102.75	1.44332	0.342	17.66	0.369	12.98	43.9820	104.7232728	104.776856	1.027525	104.740081	
2010	265	500	265.208333333		09/22/2010 5:00	103.05	1.44753	0.342	17.67	0.369	12.98	43.9727	104.7261304	104.779714	1.030525	104.743081	
2010	265	600	265.250000000		09/22/2010 6:00	103.4	1.45245	0.342	17.67	0.369	12.96	43.9617	104.7294641	104.783047	1.034026	104.746581	
2010	265	700	265.291666667		09/22/2010 7:00	103.55	1.45456	0.342	17.67	0.369	13.9	43.9570	104.7308929	104.784476	1.035526	104.748081	
2010	265	800	265.333333333		09/22/2010 8:00	103.59	1.45512	0.342	17.68	0.369	13.8	43.9558	104.7312739	104.784857	1.035926	104.748481	
2010	265	900	265.375000000		09/22/2010 9:00	103.51	1.45400	0.342	17.66	0.369	13.72	43.9583	104.7305119	104.784095	1.035126	104.747681	
2010	265	1000	265.416666667		09/22/2010 10:00	103.25	1.45034	0.341	17.68	0.368	13.65	43.9664	104.7280354	104.781619	1.032525	104.745081	
2010	265	1100	265.458333333		09/22/2010 11:00	103.21	1.44978	0.342	17.68	0.369	13.61	43.9677	104.7276544	104.781238	1.032125	104.744681	
2010	265	1200	265.500000000		09/22/2010 12:00	103.08	1.44796	0.342	17.68	0.369	13.58	43.9717	104.7264161	104.779999	1.030825	104.743381	
2010	265	1300	265.541666667		09/22/2010 13:00	103	1.44683	0.341	17.67	0.368	13.53	43.9742	104.7256541	104.779237	1.030025	104.742581	
2010	265	1400	265.583333333		09/22/2010 14:00	102.79	1.44388	0.341	17.68	0.368	13.48	43.9808	104.7236539	104.777237	1.027925	104.740481	
2010	265	1500	265.625000000		09/22/2010 15:00	102.61	1.44135	0.341	17.68	0.368	13.46	43.9864	104.7219393	104.775523	1.026125	104.738681	
2010	265	1600	265.666666667		09/22/2010 16:00	102.52	1.44009	0.341	17.68	0.368	13.5	43.9892	104.7210821	104.774665	1.025225	104.737781	
2010	265	1700	265.708333333		09/22/2010 17:00	102.4	1.43840	0.341	17.68	0.368	13.48	43.9930	104.7199391	104.773522	1.024025	104.736581	
2010	265	1800	265.750000000		09/22/2010 18:00	102.35	1.43770	0.341	17.69	0.368	13.35	43.9945	104.7194628	104.773046	1.023525	104.736081	
2010	265	1900	265.791666667		09/22/2010 19:00	102.27	1.43658	0.341	17.67	0.368	13.28	43.9970	104.7187008	104.772284	1.022725	104.735281	
2010	265	2000	265.833333333		09/22/2010 20:00	102.25	1.43630	0.341	17.66	0.368	13.22	43.9977	104.7185103	104.772094	1.022525	104.735081	
2010	265	2100	265.875000000		09/22/2010 21:00	102.26	1.43644	0.341	17.66	0.368	13.17	43.9974	104.7186056	104.772189	1.022625	104.735181	
2010	265	2200	265.916666667		09/22/2010 22:00	102.19	1.43545	0.341	17.68	0.368	13.13	43.9995	104.7179388	104.771522	1.021925	104.734481	
2010	265	2300	265.958333333		09/22/2010 23:00	102.15	1.43489	0.341	17.68	0.368	13.09	44.0008	104.7175578	104.771141	1.021525	104.734081	
2010	265	2400	266.000000000		09/23/2010 0:00	102.12	1.43447	0.341	17.66	0.368	13.07	44.0017	104.7172721	104.770855	1.021225	104.733781	
2010	266	100	266.041666667		09/23/2010 1:00	102.08	1.43391	0.341	17.68	0.368	13.03	44.0030	104.7168911	104.770474	1.020825	104.733381	
2010	266	200	266.083333333		09/23/2010 2:00	102	1.43279	0.341	17.67	0.368	13.01	44.0055	104.7161291	104.769712	1.020025	104.732581	
2010	266	300	266.125000000		09/23/2010 3:00	101.89	1.43124	0.341	17.67	0.368	13	44.0089	104.7150813	104.768665	1.018925	104.731481	
2010	266	400	266.166666667		09/23/2010 4:00	101.88	1.43110	0.341	17.69	0.368	12.98	44.0092	104.7149861	104.768569	1.018825	104.731381	
2010	266	500	266.208333333		09/23/2010 5:00	101.86	1.43082	0.341	17.68	0.368	12.96	44.0099	104.7147956	104.768379	1.018625	104.731181	
2010	266	600	266.250000000		09/23/2010 6:00	101.74	1.42913	0.341	17.68	0.367	12.98	44.0136	104.7136525	104.767236	1.017425	104.729981	
2010	266	700	266.291666667		09/23/2010 7:00	101.69	1.42843	0.341	17.68	0.368	13.82	44.0152	104.7131763	104.766760	1.016925	104.729481	
2010	266	800	266.333333333		09/23/2010 8:00	101.67	1.42815	0.341	17.68	0.368	13.78	44.0158	104.7129858	104.766569	1.016725	104.729281	
2010	266	900	266.375000000		09/23/2010 9:00	101.47	1.42534	0.341	17.67	0.368	13.69	44.0220	104.7110808	104.764664	1.014725	104.727281	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	266	1000	266.416666667		09/23/2010 10:00	101.49	1.42562	0.341	17.67	0.368	13.66	44.0214	104.7112713	104.764855	1.014925	104.727481	
2010	266	1100	266.458333333		09/23/2010 11:00	101.31	1.42309	0.341	17.68	0.368	13.64	44.0270	104.7095568	104.763140	1.013125	104.725681	
2010	266	1200	266.500000000		09/23/2010 12:00	101.21	1.42169	0.34	17.68	0.367	13.62	44.0302	104.7086043	104.762188	1.012125	104.724681	
2010	266	1300	266.541666667		09/23/2010 13:00	101.22	1.42183	0.34	17.69	0.367	13.67	44.0299	104.7086995	104.762283	1.012225	104.724781	
2010	266	1400	266.583333333		09/23/2010 14:00	100.83	1.41635	0.34	17.68	0.367	13.68	44.0420	104.7049847	104.758568	1.008325	104.720880	
2010	266	1500	266.625000000		09/23/2010 15:00	100.9	1.41733	0.34	17.68	0.367	13.73	44.0399	104.7056515	104.759235	1.009025	104.721580	
2010	266	1600	266.666666667		09/23/2010 16:00	100.8	1.41593	0.34	17.69	0.367	13.67	44.0430	104.704699	104.758282	1.008025	104.720580	
2010	266	1700	266.708333333		09/23/2010 17:00	100.64	1.41368	0.34	17.68	0.367	13.51	44.0480	104.703175	104.756758	1.006425	104.718980	
2010	266	1800	266.750000000		09/23/2010 18:00	100.64	1.41368	0.34	17.67	0.367	13.41	44.0480	104.703175	104.756758	1.006425	104.718980	
2010	266	1900	266.791666667		09/23/2010 19:00	100.67	1.41410	0.34	17.68	0.367	13.34	44.0470	104.7034607	104.757044	1.006725	104.719280	
2010	266	2000	266.833333333		09/23/2010 20:00	100.63	1.41354	0.34	17.69	0.367	13.28	44.0483	104.7030797	104.756663	1.006325	104.718880	
2010	266	2100	266.875000000		09/23/2010 21:00	100.83	1.41635	0.34	17.7	0.367	13.23	44.0420	104.7049847	104.758568	1.008325	104.720880	
2010	266	2200	266.916666667		09/23/2010 22:00	100.83	1.41635	0.34	17.67	0.367	13.18	44.0420	104.7049847	104.758568	1.008325	104.720880	
2010	266	2300	266.958333333		09/23/2010 23:00	101.01	1.41888	0.34	17.69	0.367	13.14	44.0364	104.7066993	104.760283	1.010125	104.722680	
2010	266	2400	267.000000000		09/24/2010 0:00	101.18	1.42127	0.34	17.68	0.367	13.11	44.0311	104.7083185	104.761902	1.011825	104.724381	
2010	267	100	267.041666667		09/24/2010 1:00	101.29	1.42281	0.34	17.68	0.367	13.08	44.0277	104.7093663	104.762950	1.012925	104.725481	
2010	267	200	267.083333333		09/24/2010 2:00	101.61	1.42731	0.34	17.7	0.367	13.05	44.0177	104.7124143	104.765998	1.016125	104.728681	
2010	267	300	267.125000000		09/24/2010 3:00	101.91	1.43152	0.34	17.7	0.367	13.03	44.0083	104.7152718	104.768855	1.019125	104.731681	
2010	267	400	267.166666667		09/24/2010 4:00	102.18	1.43531	0.34	17.69	0.367	13.01	43.9999	104.7178436	104.771427	1.021825	104.734381	
2010	267	500	267.208333333		09/24/2010 5:00	102.54	1.44037	0.34	17.69	0.367	12.99	43.9886	104.7212726	104.774856	1.025425	104.737981	
2010	267	600	267.250000000		09/24/2010 6:00	102.85	1.44473	0.34	17.69	0.367	12.99	43.9789	104.7242254	104.777809	1.028525	104.741081	
2010	267	700	267.291666667		09/24/2010 7:00	103.12	1.44852	0.34	17.68	0.367	13.82	43.9705	104.7267971	104.780380	1.031225	104.743781	
2010	267	800	267.333333333		09/24/2010 8:00	103.37	1.45203	0.34	17.7	0.367	13.81	43.9627	104.7291784	104.782762	1.033725	104.746281	
2010	267	900	267.375000000		09/24/2010 9:00	112.85	1.58519	0.34	17.68	0.367	13.71	43.6664	104.8194759	104.873059	1.128528	104.841083	
2010	267	1000	267.416666667		09/24/2010 10:00	109.16	1.53336	0.34	17.69	0.367	13.62	43.7817	104.7843284	104.837912	1.091627	104.804182	
2010	267	1100	267.458333333		09/24/2010 11:00	107.84	1.51482	0.34	17.69	0.367	13.58	43.8230	104.7717554	104.825339	1.078427	104.790982	
2010	267	1200	267.500000000		09/24/2010 12:00	108.47	1.52367	0.34	17.67	0.366	13.54	43.8033	104.7777562	104.831339	1.084727	104.797282	
2010	267	1300	267.541666667		09/24/2010 13:00	108.94	1.53027	0.339	17.7	0.366	13.51	43.7886	104.7822329	104.835816	1.089427	104.801982	
2010	267	1400	267.583333333		09/24/2010 14:00	107.13	1.50485	0.339	17.7	0.366	13.47	43.8452	104.7649926	104.818576	1.071326	104.783882	
2010	267	1500	267.625000000		09/24/2010 15:00	109.18	1.53364	0.339	17.68	0.366	13.5	43.7811	104.7845189	104.838102	1.091827	104.804382	
2010	267	1600	267.666666667		09/24/2010 16:00	110.46	1.55162	0.339	17.69	0.366	13.49	43.7411	104.796711	104.850294	1.104627	104.817183	
2010	267	1700	267.708333333		09/24/2010 17:00	111.32	1.56370	0.339	17.68	0.366	13.51	43.7142	104.8049026	104.858486	1.113227	104.825783	
2010	267	1800	267.750000000		09/24/2010 18:00	111.65	1.56834	0.339	17.69	0.366	13.35	43.7039	104.8080458	104.861629	1.116528	104.829083	
2010	267	1900	267.791666667		09/24/2010 19:00	112.1	1.57466	0.339	17.68	0.366	13.27	43.6899	104.8123321	104.865915	1.121028	104.833583	
2010	267	2000	267.833333333		09/24/2010 20:00	112.53	1.58070	0.339	17.69	0.366	13.21	43.6764	104.8164279	104.870011	1.125328	104.837883	
2010	267	2100	267.875000000		09/24/2010 21:00	113.43	1.59334	0.339	17.71	0.366	13.16	43.6483	104.8250004	104.878584	1.134328	104.846884	
2010	267	2200	267.916666667		09/24/2010 22:00	113.9	1.59994	0.339	17.69	0.366	13.11	43.6336	104.8294772	104.883060	1.139028	104.851584	
2010	267	2300	267.958333333		09/24/2010 23:00	114.39	1.60683	0.339	17.67	0.366	13.08	43.6183	104.8341445	104.887728	1.143928	104.856484	
2010	267	2400	268.000000000		09/25/2010 0:00	114.41	1.60711	0.339	17.68	0.366	13.05	43.6177	104.834335	104.887918	1.144128	104.856684	
2010	268	100	268.041666667		09/25/2010 1:00	123.71	1.73774	0.339	17.68	0.366	13.03	43.3270	104.922918	104.976501	1.237131	104.949686	
2010	268	200	268.083333333		09/25/2010 2:00	124.26	1.74547	0.339	17.69	0.366	13.01	43.3099	104.9281568	104.981740	1.242631	104.955186	
2010	268	300	268.125000000		09/25/2010 3:00	124.55	1.74954	0.339	17.69	0.365	12.99	43.3008	104.930919	104.984502	1.245531	104.958086	
2010	268	400	268.166666667		09/25/2010 4:00	124.85	1.75376	0.339	17.67	0.366	12.96	43.2914	104.9337765	104.987360	1.248531	104.961086	
2010	268	500	268.208333333		09/25/2010 5:00	125.15	1.75797	0.339	17.69	0.365	12.94	43.2820	104.936634	104.990217	1.251531	104.964086	
2010	268	600	268.250000000		09/25/2010 6:00	125.16	1.75811	0.339	17.68	0.365	12.94	43.2817	104.9367293	104.990313	1.251631	104.964186	
2010	268	700	268.291666667		09/25/2010 7:00	124.64	1.75081	0.339	17.71	0.365	13.84	43.2980	104.9317763	104.985360	1.246431	104.958986	
2010	268	800	268.333333333		09/25/2010 8:00	124.7	1.75165	0.338	17.69	0.365	13.76	43.2961	104.9323478	104.985931	1.247031	104.959586	
2010	268	900	268.375000000		09/25/2010 9:00	125.03	1.75629	0.338	17.7	0.365	13.66	43.2858	104.935491	104.989074	1.250331	104.962886	
2010	268	1000	268.416666667		09/25/2010 10:00	125.26	1.75952	0.338	17.68	0.365	13.59	43.2786	104.9376818	104.991265	1.252631	104.965186	
2010	268	1100	268.458333333		09/25/2010 11:00	125.47	1.76247	0.338	17.7	0.365	13.55	43.2720	104.9396821	104.993265	1.254731	104.967287	
2010	268	1200	268.500000000		09/25/2010 12:00	125.69	1.76556	0.338	17.69	0.365	13.52	43.2652	104.9417776	104.995361	1.256931	104.969487	
2010	268	1300	268.541666667		09/25/2010 13:00	126.03	1.77033	0.338	17.69	0.365	13.45	43.2545	104.9450161	104.998599	1.260331	104.972887	
2010	268	1400	268.583333333		09/25/2010 14:00	126.25	1.77342	0.338	17.68	0.365	13.4	43.2477	104.9471116	105.000695	1.262531	104.975087	
2010	268	1500	268.625000000		09/25/2010 15:00	126.41	1.77567	0.338	17.7	0.365	13.38	43.2427	104.9486356	105.002219	1.264131	104.976687	
2010	268	1600	268.666666667		09/25/2010 16:00	126.59	1.77820	0.338	17.69	0.365	13.39	43.2370	104.9503501	105.003933	1.265931	104.978487	
2010	268	1700	268.708333333		09/25/2010 17:00	126.71	1.77988	0.338	17.67	0.365	13.41	43.2333	104.9514931	105.005076	1.267131	104.979687	
2010	268	1800	268.750000000		09/25/2010 18:00	126.9	1.78255	0.338	17.7	0.365	13.26	43.2274	104.9533029	105.006886	1.269031	104.981587	
2010	268	1900	268.791666667		09/25/2010 19:00	127.05	1.78466	0.338	17.69	0.365	13.2	43.2227	104.9547316	105.008315	1.270531	104.983087	
2010	268	2000	268.833333333		09/25/2010 20:00	126.91	1.78269	0.338	17.7	0.365	13.14	43.2270	104.9533981	105.006981	1.269131	104.981687	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	268	2100	268.875000000		09/25/2010 21:00	126.85	1.78185	0.338	17.68	0.365	13.1	43.2289	104.9528266	105.006410	1.268531	104.981087	
2010	268	2200	268.916666667		09/25/2010 22:00	126.97	1.78354	0.338	17.67	0.365	13.07	43.2252	104.9539696	105.007553	1.269731	104.982287	
2010	268	2300	268.958333333		09/25/2010 23:00	126.86	1.78199	0.338	17.69	0.365	13.03	43.2286	104.9529219	105.006505	1.268631	104.981187	
2010	268	2400	269.000000000		09/26/2010 0:00	126.6	1.77834	0.338	17.71	0.365	13.01	43.2367	104.9504454	105.004029	1.266031	104.978587	
2010	269	100	269.041666667		09/26/2010 1:00	126.79	1.78101	0.338	17.68	0.365	12.99	43.2308	104.9522551	105.005838	1.267931	104.980487	
2010	269	200	269.083333333		09/26/2010 2:00	126.93	1.78298	0.338	17.69	0.365	12.97	43.2264	104.9535886	105.007172	1.269331	104.981887	
2010	269	300	269.125000000		09/26/2010 3:00	126.9	1.78255	0.338	17.69	0.365	12.95	43.2274	104.9533029	105.006886	1.269031	104.981587	
2010	269	400	269.166666667		09/26/2010 4:00	126.93	1.78298	0.338	17.7	0.365	12.95	43.2264	104.9535886	105.007172	1.269331	104.981887	
2010	269	500	269.208333333		09/26/2010 5:00	126.99	1.78382	0.338	17.69	0.365	12.95	43.2245	104.9541601	105.007743	1.269931	104.982487	
2010	269	600	269.250000000		09/26/2010 6:00	127.18	1.78649	0.338	17.68	0.365	12.96	43.2186	104.9559699	105.009553	1.271831	104.984387	
2010	269	700	269.291666667		09/26/2010 7:00	127.08	1.78508	0.338	17.69	0.365	12.97	43.2217	104.9550174	105.008601	1.270831	104.983387	
2010	269	800	269.333333333		09/26/2010 8:00	126.98	1.78368	0.338	17.69	0.365	13.44	43.2249	104.9540649	105.007648	1.269831	104.982387	
2010	269	900	269.375000000		09/26/2010 9:00	126.88	1.78227	0.338	17.67	0.365	13.6	43.2280	104.9531124	105.006696	1.268831	104.981387	
2010	269	1000	269.416666667		09/26/2010 10:00	126.86	1.78199	0.338	17.68	0.365	13.55	43.2286	104.9529219	105.006505	1.268631	104.981187	
2010	269	1100	269.458333333		09/26/2010 11:00	126.76	1.78059	0.338	17.71	0.365	13.49	43.2317	104.9519694	105.005553	1.267631	104.980187	
2010	269	1200	269.500000000		09/26/2010 12:00	126.5	1.77693	0.338	17.68	0.364	13.41	43.2399	104.9494929	105.003076	1.265031	104.977587	
2010	269	1300	269.541666667		09/26/2010 13:00	126.68	1.77946	0.338	17.69	0.364	13.39	43.2342	104.9512074	105.004791	1.266831	104.979387	
2010	269	1400	269.583333333		09/26/2010 14:00	126.47	1.77651	0.338	17.71	0.364	13.39	43.2408	104.9492071	105.002790	1.264731	104.977287	
2010	269	1500	269.625000000		09/26/2010 15:00	126.4	1.77553	0.337	17.68	0.364	13.39	43.2430	104.9485404	105.002124	1.264031	104.976587	
2010	269	1600	269.666666667		09/26/2010 16:00	126.22	1.77300	0.338	17.69	0.364	13.4	43.2486	104.9468259	105.000409	1.262231	104.974787	
2010	269	1700	269.708333333		09/26/2010 17:00	126.08	1.77104	0.337	17.7	0.364	13.29	43.2530	104.9454923	104.999076	1.260831	104.973387	
2010	269	1800	269.750000000		09/26/2010 18:00	125.92	1.76879	0.337	17.69	0.364	13.19	43.2580	104.9439683	104.997552	1.259231	104.971787	
2010	269	1900	269.791666667		09/26/2010 19:00	125.62	1.76457	0.337	17.67	0.364	13.13	43.2674	104.9411108	104.994694	1.256231	104.968787	
2010	269	2000	269.833333333		09/26/2010 20:00	125.41	1.76162	0.337	17.68	0.364	13.09	43.2739	104.9391106	104.992694	1.254131	104.966687	
2010	269	2100	269.875000000		09/26/2010 21:00	125.18	1.75839	0.337	17.69	0.364	13.05	43.2811	104.9369198	104.990503	1.251831	104.964386	
2010	269	2200	269.916666667		09/26/2010 22:00	125.07	1.75685	0.337	17.69	0.364	13.02	43.2845	104.935872	104.989455	1.250731	104.963286	
2010	269	2300	269.958333333		09/26/2010 23:00	124.91	1.75460	0.337	17.69	0.364	13.01	43.2895	104.934348	104.987931	1.249131	104.961686	
2010	269	2400	270.000000000		09/27/2010 0:00	124.6	1.75025	0.337	17.69	0.364	12.99	43.2992	104.9313953	104.984979	1.246031	104.958586	
2010	270	100	270.041666667		09/27/2010 1:00	124.81	1.75320	0.337	17.69	0.364	12.98	43.2927	104.9333955	104.986979	1.248131	104.960686	
2010	270	200	270.083333333		09/27/2010 2:00	124.46	1.74828	0.337	17.68	0.364	12.97	43.3036	104.9300618	104.983645	1.244631	104.957186	
2010	270	300	270.125000000		09/27/2010 3:00	124.17	1.74421	0.337	17.69	0.364	12.96	43.3127	104.9272995	104.980883	1.241731	104.954286	
2010	270	400	270.166666667		09/27/2010 4:00	123.94	1.74097	0.337	17.69	0.364	12.96	43.3199	104.9251087	104.978692	1.239431	104.951986	
2010	270	500	270.208333333		09/27/2010 5:00	123.58	1.73592	0.337	17.68	0.364	12.96	43.3311	104.9216797	104.975263	1.235830	104.948386	
2010	270	600	270.250000000		09/27/2010 6:00	123.29	1.73184	0.337	17.7	0.364	12.96	43.3402	104.9189174	104.972501	1.232930	104.945486	
2010	270	700	270.291666667		09/27/2010 7:00	122.91	1.72651	0.337	17.68	0.364	13.63	43.3520	104.9152979	104.968881	1.229130	104.941686	
2010	270	800	270.333333333		09/27/2010 8:00	122.06	1.71457	0.337	17.7	0.364	13.59	43.3786	104.9072016	104.960785	1.220630	104.933186	
2010	270	900	270.375000000		09/27/2010 9:00	121.46	1.70614	0.337	17.68	0.364	13.51	43.3974	104.9014866	104.955070	1.214630	104.927186	
2010	270	1000	270.416666667		09/27/2010 10:00	119.78	1.68254	0.337	17.67	0.364	13.45	43.4499	104.8854845	104.939068	1.197830	104.910385	
2010	270	1100	270.458333333		09/27/2010 11:00	119.73	1.68184	0.337	17.7	0.364	13.39	43.4514	104.8850083	104.938592	1.197330	104.909885	
2010	270	1200	270.500000000		09/27/2010 12:00	119.62	1.68029	0.337	17.7	0.364	13.37	43.4549	104.8839605	104.937544	1.196230	104.908785	
2010	270	1300	270.541666667		09/27/2010 13:00	119.23	1.67481	0.337	17.7	0.364	13.33	43.4670	104.8802457	104.933829	1.192329	104.904885	
2010	270	1400	270.583333333		09/27/2010 14:00	118.82	1.66905	0.337	17.7	0.363	13.29	43.4799	104.8763405	104.929924	1.188229	104.900785	
2010	270	1500	270.625000000		09/27/2010 15:00	118.62	1.66625	0.337	17.7	0.363	13.27	43.4861	104.8744354	104.928019	1.186229	104.898785	
2010	270	1600	270.666666667		09/27/2010 16:00	118.47	1.66414	0.337	17.7	0.364	13.28	43.4908	104.8730067	104.926590	1.184729	104.897285	
2010	270	1700	270.708333333		09/27/2010 17:00	118.32	1.66203	0.337	17.7	0.363	13.21	43.4955	104.8715779	104.925161	1.183229	104.895785	
2010	270	1800	270.750000000		09/27/2010 18:00	118.31	1.66189	0.337	17.68	0.364	13.12	43.4958	104.8714827	104.925066	1.183129	104.895685	
2010	270	1900	270.791666667		09/27/2010 19:00	118.1	1.65894	0.337	17.7	0.363	13.08	43.5024	104.8694824	104.923066	1.181029	104.893585	
2010	270	2000	270.833333333		09/27/2010 20:00	117.88	1.65585	0.337	17.68	0.363	13.04	43.5092	104.8673869	104.920970	1.178829	104.891385	
2010	270	2100	270.875000000		09/27/2010 21:00	117.87	1.65571	0.337	17.68	0.363	13.02	43.5095	104.8672917	104.920875	1.178729	104.891285	
2010	270	2200	270.916666667		09/27/2010 22:00	118.07	1.65852	0.337	17.7	0.363	13.01	43.5033	104.8691967	104.922780	1.180729	104.893285	
2010	270	2300	270.958333333		09/27/2010 23:00	118.3	1.66175	0.337	17.7	0.364	12.99	43.4961	104.8713874	104.924971	1.183029	104.895585	
2010	270	2400	271.000000000		09/28/2010 0:00	118.28	1.66147	0.337	17.7	0.364	12.97	43.4967	104.8711969	104.924780	1.182829	104.895385	
2010	271	100	271.041666667		09/28/2010 1:00	118.73	1.66779	0.337	17.7	0.364	12.97	43.4827	104.8754832	104.929066	1.187329	104.899885	
2010	271	200	271.083333333		09/28/2010 2:00	118.94	1.67074	0.337	17.68	0.364	12.96	43.4761	104.8774835	104.931067	1.189429	104.901985	
2010	271	300	271.125000000		09/28/2010 3:00	119.22	1.67467	0.337	17.68	0.363	12.96	43.4674	104.8801505	104.933734	1.192229	104.904785	
2010	271	400	271.166666667		09/28/2010 4:00	119.4	1.67720	0.337	17.69	0.363	12.95	43.4617	104.881865	104.935448	1.194029	104.906585	
2010	271	500	271.208333333		09/28/2010 5:00	119.55	1.67931	0.337	17.69	0.364	12.95	43.4570	104.8832937	104.936877	1.195529	104.908085	
2010	271	600	271.250000000		09/28/2010 6:00	119.68	1.68113	0.337	17.71	0.363	12.94	43.4530	104.884532	104.938115	1.196830	104.909385	
2010	271	700	271.291666667		09/28/2010 7:00	119.44	1.67776	0.337	17.7	0.364	13.66	43.4605	104.882246	104.935829	1.194429	104.906985	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	271	800	271.333333333		09/28/2010 8:00	119.1	1.67299	0.337	17.7	0.364	13.59	43.4711	104.8790075	104.932591	1.191029	104.903585	
2010	271	900	271.375000000		09/28/2010 9:00	119.01	1.67172	0.337	17.68	0.363	13.51	43.4739	104.8781502	104.931733	1.190129	104.902685	
2010	271	1000	271.416666667		09/28/2010 10:00	118.23	1.66077	0.337	17.7	0.363	13.44	43.4983	104.8707207	104.924304	1.182329	104.894885	
2010	271	1100	271.458333333		09/28/2010 11:00	118.22	1.66063	0.337	17.7	0.363	13.39	43.4986	104.8706254	104.924209	1.182229	104.894785	
2010	271	1200	271.500000000		09/28/2010 12:00	118.12	1.65922	0.337	17.69	0.363	13.35	43.5017	104.8696729	104.923256	1.181229	104.893785	
2010	271	1300	271.541666667		09/28/2010 13:00	117.97	1.65711	0.337	17.69	0.363	13.3	43.5064	104.8682442	104.921827	1.179729	104.892285	
2010	271	1400	271.583333333		09/28/2010 14:00	117.83	1.65515	0.337	17.7	0.363	13.27	43.5108	104.8669107	104.920494	1.178329	104.890885	
2010	271	1500	271.625000000		09/28/2010 15:00	117.58	1.65164	0.337	17.71	0.363	13.26	43.5186	104.8645294	104.918113	1.175829	104.888385	
2010	271	1600	271.666666667		09/28/2010 16:00	117.45	1.64981	0.336	17.7	0.363	13.27	43.5227	104.8632911	104.916874	1.174529	104.887085	
2010	271	1700	271.708333333		09/28/2010 17:00	117.35	1.64841	0.336	17.69	0.363	13.16	43.5258	104.8623386	104.915922	1.173529	104.886085	
2010	271	1800	271.750000000		09/28/2010 18:00	117.24	1.64686	0.336	17.7	0.363	13.1	43.5292	104.8612909	104.914874	1.172429	104.884984	
2010	271	1900	271.791666667		09/28/2010 19:00	117.31	1.64784	0.336	17.71	0.363	13.06	43.5270	104.8619576	104.915541	1.173129	104.885685	
2010	271	2000	271.833333333		09/28/2010 20:00	117.29	1.64756	0.337	17.7	0.363	13.03	43.5277	104.8617671	104.915350	1.172929	104.885484	
2010	271	2100	271.875000000		09/28/2010 21:00	117.38	1.64883	0.336	17.71	0.363	13.01	43.5249	104.8626244	104.916208	1.173829	104.886385	
2010	271	2200	271.916666667		09/28/2010 22:00	117.42	1.64939	0.336	17.69	0.363	13	43.5236	104.8630054	104.916589	1.174229	104.886785	
2010	271	2300	271.958333333		09/28/2010 23:00	117.45	1.64981	0.336	17.68	0.363	12.99	43.5227	104.8632911	104.916874	1.174529	104.887085	
2010	271	2400	272.000000000		09/29/2010 0:00	117.28	1.64742	0.336	17.71	0.363	12.97	43.5280	104.8616719	104.915255	1.172829	104.885384	
2010	272	100	272.041666667		09/29/2010 1:00	117.45	1.64981	0.336	17.69	0.363	12.97	43.5227	104.8632911	104.916874	1.174529	104.887085	
2010	272	200	272.083333333		09/29/2010 2:00	117.43	1.64953	0.336	17.69	0.363	12.96	43.5233	104.8631006	104.916684	1.174329	104.886885	
2010	272	300	272.125000000		09/29/2010 3:00	117.53	1.65093	0.336	17.71	0.363	12.95	43.5202	104.8640531	104.917636	1.175329	104.887885	
2010	272	400	272.166666667		09/29/2010 4:00	117.59	1.65178	0.336	17.7	0.363	12.94	43.5183	104.8646246	104.918208	1.175929	104.888485	
2010	272	500	272.208333333		09/29/2010 5:00	117.76	1.65416	0.336	17.69	0.363	12.94	43.5130	104.8662439	104.919827	1.177629	104.890185	
2010	272	600	272.250000000		09/29/2010 6:00	117.48	1.65023	0.336	17.7	0.363	12.94	43.5217	104.8635769	104.917160	1.174829	104.887385	
2010	272	700	272.291666667		09/29/2010 7:00	117.26	1.64714	0.336	17.69	0.362	13.75	43.5286	104.8614814	104.915065	1.172629	104.885184	
2010	272	800	272.333333333		09/29/2010 8:00	117.22	1.64658	0.336	17.7	0.362	13.66	43.5299	104.8611004	104.914684	1.172229	104.884784	
2010	272	900	272.375000000		09/29/2010 9:00	117.3	1.64770	0.336	17.7	0.362	13.58	43.5274	104.8618624	104.915446	1.173029	104.885585	
2010	272	1000	272.416666667		09/29/2010 10:00	117.59	1.65178	0.336	17.7	0.362	13.51	43.5183	104.8646246	104.918208	1.175929	104.888485	
2010	272	1100	272.458333333		09/29/2010 11:00	117.78	1.65445	0.336	17.72	0.362	13.47	43.5124	104.8664344	104.920018	1.177829	104.890385	
2010	272	1200	272.500000000		09/29/2010 12:00	117.86	1.65557	0.336	17.71	0.362	13.43	43.5099	104.8671964	104.920780	1.178629	104.891185	
2010	272	1300	272.541666667		09/29/2010 13:00	118.06	1.65838	0.336	17.7	0.362	13.39	43.5036	104.8691014	104.922685	1.180629	104.893185	
2010	272	1400	272.583333333		09/29/2010 14:00	118.18	1.66006	0.336	17.71	0.362	13.37	43.4999	104.8702444	104.923828	1.181829	104.894385	
2010	272	1500	272.625000000		09/29/2010 15:00	118.31	1.66189	0.336	17.71	0.362	13.35	43.4958	104.8714827	104.925066	1.183129	104.895685	
2010	272	1600	272.666666667		09/29/2010 16:00	118.51	1.66470	0.336	17.7	0.362	13.36	43.4895	104.8733877	104.926971	1.185129	104.897685	
2010	272	1700	272.708333333		09/29/2010 17:00	118.66	1.66681	0.336	17.72	0.362	13.24	43.4849	104.8748165	104.928400	1.186629	104.899185	
2010	272	1800	272.750000000		09/29/2010 18:00	118.74	1.66793	0.336	17.7	0.362	13.16	43.4824	104.8755785	104.929162	1.187429	104.899985	
2010	272	1900	272.791666667		09/29/2010 19:00	118.79	1.66863	0.336	17.7	0.362	13.12	43.4808	104.8760547	104.929638	1.187929	104.900485	
2010	272	2000	272.833333333		09/29/2010 20:00	118.85	1.66948	0.336	17.71	0.362	13.09	43.4789	104.8766262	104.930209	1.188529	104.901085	
2010	272	2100	272.875000000		09/29/2010 21:00	118.93	1.67060	0.335	17.7	0.362	13.06	43.4764	104.8773882	104.930971	1.189329	104.901885	
2010	272	2200	272.916666667		09/29/2010 22:00	119.03	1.67200	0.336	17.69	0.362	13.03	43.4733	104.8783407	104.931924	1.190329	104.902885	
2010	272	2300	272.958333333		09/29/2010 23:00	119.13	1.67341	0.336	17.71	0.362	13.02	43.4702	104.8792932	104.932876	1.191329	104.903885	
2010	272	2400	273.000000000		09/30/2010 0:00	119.01	1.67172	0.336	17.7	0.362	13.01	43.4739	104.8781502	104.931733	1.190129	104.902685	
2010	273	100	273.041666667		09/30/2010 1:00	119.36	1.67664	0.336	17.71	0.362	13	43.4630	104.881484	104.935067	1.193629	104.906185	
2010	273	200	273.083333333		09/30/2010 2:00	119.59	1.67987	0.336	17.72	0.362	12.98	43.4558	104.8836748	104.937258	1.195929	104.908485	
2010	273	300	273.125000000		09/30/2010 3:00	119.79	1.68268	0.335	17.69	0.362	12.97	43.4495	104.8855798	104.939163	1.197930	104.910485	
2010	273	400	273.166666667		09/30/2010 4:00	120.1	1.68703	0.335	17.7	0.362	12.96	43.4399	104.8885325	104.942116	1.201030	104.913585	
2010	273	500	273.208333333		09/30/2010 5:00	120.44	1.69181	0.335	17.71	0.362	12.94	43.4292	104.891771	104.945354	1.204430	104.916985	
2010	273	600	273.250000000		09/30/2010 6:00	120.8	1.69687	0.335	17.71	0.362	12.94	43.4180	104.8952001	104.948783	1.208030	104.920585	
2010	273	700	273.291666667		09/30/2010 7:00	120.94	1.69883	0.335	17.71	0.362	13.78	43.4136	104.8965336	104.950117	1.209430	104.921985	
2010	273	800	273.333333333		09/30/2010 8:00	121.14	1.70164	0.336	17.7	0.362	13.68	43.4074	104.8984386	104.952022	1.211430	104.923985	
2010	273	900	273.375000000		09/30/2010 9:00	121.6	1.70811	0.336	17.71	0.362	13.59	43.3930	104.9028201	104.956403	1.216030	104.928586	
2010	273	1000	273.416666667		09/30/2010 10:00	121.98	1.71344	0.335	17.7	0.362	13.53	43.3811	104.9064396	104.960023	1.219830	104.932386	
2010	273	1100	273.458333333		09/30/2010 11:00	122.33	1.71836	0.335	17.7	0.362	13.49	43.3702	104.9097734	104.963357	1.223330	104.935886	
2010	273	1200	273.500000000		09/30/2010 12:00	122.73	1.72398	0.335	17.71	0.362	13.45	43.3577	104.9135834	104.967167	1.227330	104.939886	
2010	273	1300	273.541666667		09/30/2010 13:00	122.79	1.72482	0.335	17.71	0.362	13.4	43.3558	104.9141549	104.967738	1.227930	104.940486	
2010	273	1400	273.583333333		09/30/2010 14:00	122.96	1.72721	0.335	17.71	0.362	13.35	43.3505	104.9157742	104.969357	1.229630	104.942186	
2010	273	1500	273.625000000		09/30/2010 15:00	123.24	1.73114	0.335	17.7	0.362	13.33	43.3417	104.9184412	104.972024	1.232430	104.944986	
2010	273	1600	273.666666667		09/30/2010 16:00	123.58	1.73592	0.335	17.71	0.362	13.33	43.3311	104.9216797	104.975263	1.235830	104.948386	
2010	273	1700	273.708333333		09/30/2010 17:00	123.88	1.74013	0.335	17.71	0.362	13.22	43.3217	104.9245372	104.978120	1.238831	104.951386	
2010	273	1800	273.750000000		09/30/2010 18:00	124.07	1.74280	0.335	17.71	0.361	13.14	43.3158	104.926347	104.979930	1.240731	104.953286	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	273	1900	273.791666667		09/30/2010 19:00	124.26	1.74547	0.335	17.71	0.361	13.1	43.3099	104.9281568	104.981740	1.242631	104.955186	
2010	273	2000	273.833333333		09/30/2010 20:00	124.38	1.74716	0.335	17.71	0.361	13.07	43.3061	104.9292998	104.982883	1.243831	104.956386	
2010	273	2100	273.875000000		09/30/2010 21:00	124.54	1.74940	0.335	17.71	0.362	13.04	43.3011	104.9308238	104.984407	1.245431	104.957986	
2010	273	2200	273.916666667		09/30/2010 22:00	124.68	1.75137	0.335	17.7	0.362	13.03	43.2967	104.9321573	104.985741	1.246831	104.959386	
2010	273	2300	273.958333333		09/30/2010 23:00	124.81	1.75320	0.335	17.68	0.362	13.01	43.2927	104.9333955	104.986979	1.248131	104.960686	
2010	273	2400	274.000000000		10/01/2010 0:00	124.72	1.75193	0.336	17.73	0.362	13	43.2955	104.9325383	104.986122	1.247231	104.959786	
2010	274	100	274.041666667		10/01/2010 1:00	124.91	1.75460	0.335	17.71	0.362	12.98	43.2895	104.934348	104.987931	1.249131	104.961686	
2010	274	200	274.083333333		10/01/2010 2:00	124.93	1.75488	0.336	17.7	0.362	12.98	43.2889	104.9345385	104.988122	1.249331	104.961886	
2010	274	300	274.125000000		10/01/2010 3:00	124.88	1.75418	0.336	17.69	0.362	12.96	43.2905	104.9340623	104.987646	1.248831	104.961386	
2010	274	400	274.166666667		10/01/2010 4:00	124.89	1.75432	0.336	17.7	0.362	12.94	43.2902	104.9341575	104.987741	1.248931	104.961486	
2010	274	500	274.208333333		10/01/2010 5:00	124.88	1.75418	0.336	17.7	0.362	12.94	43.2905	104.9340623	104.987646	1.248831	104.961386	
2010	274	600	274.250000000		10/01/2010 6:00	124.92	1.75474	0.336	17.7	0.362	12.94	43.2892	104.9344433	104.988027	1.249231	104.961786	
2010	274	700	274.291666667		10/01/2010 7:00	124.81	1.75320	0.336	17.7	0.363	13.75	43.2927	104.9333955	104.986979	1.248131	104.960686	
2010	274	800	274.333333333		10/01/2010 8:00	124.46	1.74828	0.336	17.71	0.363	13.67	43.3036	104.9300618	104.983645	1.244631	104.957186	
2010	274	900	274.375000000		10/01/2010 9:00	124.69	1.75151	0.336	17.69	0.362	13.59	43.2964	104.9322525	104.985836	1.246931	104.959486	
2010	274	1000	274.416666667		10/01/2010 10:00	124.78	1.75277	0.336	17.69	0.362	13.51	43.2936	104.9331098	104.986693	1.247831	104.960386	
2010	274	1100	274.458333333		10/01/2010 11:00	124.84	1.75362	0.336	17.72	0.363	13.47	43.2917	104.9336813	104.987265	1.248431	104.960986	
2010	274	1200	274.500000000		10/01/2010 12:00	124.77	1.75263	0.336	17.7	0.363	13.43	43.2939	104.9330145	104.986598	1.247731	104.960286	
2010	274	1300	274.541666667		10/01/2010 13:00	124.03	1.74224	0.336	17.68	0.363	13.37	43.3170	104.925966	104.979549	1.240331	104.952886	
2010	274	1400	274.583333333		10/01/2010 14:00	123.7	1.73760	0.336	17.71	0.363	13.34	43.3274	104.9228227	104.976406	1.237031	104.949586	
2010	274	1500	274.625000000		10/01/2010 15:00	123.11	1.72932	0.336	17.7	0.363	13.33	43.3458	104.9172029	104.970786	1.231130	104.943686	
2010	274	1600	274.666666667		10/01/2010 16:00	117.82	1.65501	0.336	17.7	0.363	13.34	43.5111	104.8668154	104.920399	1.178229	104.890785	
2010	274	1700	274.708333333		10/01/2010 17:00	117.49	1.65037	0.336	17.71	0.363	13.22	43.5214	104.8636721	104.917255	1.174929	104.887485	
2010	274	1800	274.750000000		10/01/2010 18:00	117.23	1.64672	0.336	17.71	0.363	13.15	43.5295	104.8611956	104.914779	1.172329	104.884884	
2010	274	1900	274.791666667		10/01/2010 19:00	117.02	1.64377	0.337	17.7	0.363	13.11	43.5361	104.8591954	104.912779	1.170229	104.882784	
2010	274	2000	274.833333333		10/01/2010 20:00	116.72	1.63956	0.337	17.71	0.363	13.07	43.5455	104.8563378	104.909921	1.167229	104.879784	
2010	274	2100	274.875000000		10/01/2010 21:00	116.44	1.63562	0.337	17.68	0.363	13.05	43.5542	104.8536708	104.907254	1.164429	104.876984	
2010	274	2200	274.916666667		10/01/2010 22:00	116.23	1.63267	0.337	17.7	0.363	13.03	43.5608	104.8516706	104.905254	1.162329	104.874884	
2010	274	2300	274.958333333		10/01/2010 23:00	115.95	1.62874	0.337	17.71	0.363	13.01	43.5695	104.8490036	104.902587	1.159529	104.872084	
2010	274	2400	275.000000000		10/02/2010 0:00	115.55	1.62312	0.337	17.7	0.363	13	43.5820	104.8451935	104.898777	1.155528	104.868084	
2010	275	100	275.041666667		10/02/2010 1:00	115.46	1.62186	0.337	17.7	0.363	12.99	43.5849	104.8443363	104.897920	1.154628	104.867184	
2010	275	200	275.083333333		10/02/2010 2:00	115.28	1.61933	0.337	17.71	0.363	12.97	43.5905	104.8426218	104.896205	1.152828	104.865384	
2010	275	300	275.125000000		10/02/2010 3:00	115.08	1.61652	0.337	17.7	0.363	12.95	43.5967	104.8407168	104.894300	1.150828	104.863384	
2010	275	400	275.166666667		10/02/2010 4:00	114.94	1.61455	0.337	17.69	0.363	12.94	43.6011	104.8393833	104.892967	1.149428	104.861984	
2010	275	500	275.208333333		10/02/2010 5:00	114.81	1.61273	0.337	17.7	0.363	12.93	43.6052	104.838145	104.891728	1.148128	104.860684	
2010	275	600	275.250000000		10/02/2010 6:00	114.61	1.60992	0.337	17.68	0.363	12.93	43.6114	104.83624	104.889823	1.146128	104.858684	
2010	275	700	275.291666667		10/02/2010 7:00	114.24	1.60472	0.337	17.7	0.363	13.83	43.6230	104.8327157	104.886299	1.142428	104.854984	
2010	275	800	275.333333333		10/02/2010 8:00	113.65	1.59643	0.337	17.7	0.363	13.75	43.6414	104.8270959	104.880679	1.136528	104.849084	
2010	275	900	275.375000000		10/02/2010 9:00	113.25	1.59081	0.337	17.71	0.363	13.64	43.6539	104.8232859	104.876869	1.132528	104.845084	
2010	275	1000	275.416666667		10/02/2010 10:00	112.39	1.57873	0.337	17.71	0.363	13.56	43.6808	104.8150944	104.868678	1.123928	104.836483	
2010	275	1100	275.458333333		10/02/2010 11:00	111.1	1.56061	0.337	17.69	0.363	13.5	43.7211	104.802807	104.856390	1.111027	104.823583	
2010	275	1200	275.500000000		10/02/2010 12:00	110.64	1.55415	0.337	17.71	0.363	13.45	43.7355	104.7984255	104.852009	1.106427	104.818983	
2010	275	1300	275.541666667		10/02/2010 13:00	109.2	1.53392	0.337	17.7	0.363	13.39	43.7805	104.7847094	104.838293	1.092027	104.804583	
2010	275	1400	275.583333333		10/02/2010 14:00	109.03	1.53154	0.337	17.71	0.363	13.36	43.7858	104.7830902	104.836673	1.090327	104.802882	
2010	275	1500	275.625000000		10/02/2010 15:00	108.83	1.52873	0.337	17.71	0.363	13.34	43.7920	104.7811852	104.834768	1.088327	104.800882	
2010	275	1600	275.666666667		10/02/2010 16:00	108.7	1.52690	0.337	17.72	0.363	13.35	43.7961	104.7799469	104.833530	1.087027	104.799582	
2010	275	1700	275.708333333		10/02/2010 17:00	108.92	1.52999	0.337	17.7	0.363	13.22	43.7892	104.7820424	104.835626	1.089227	104.801782	
2010	275	1800	275.750000000		10/02/2010 18:00	109.2	1.53392	0.337	17.7	0.363	13.15	43.7805	104.7847094	104.838293	1.092027	104.804583	
2010	275	1900	275.791666667		10/02/2010 19:00	109.3	1.53533	0.337	17.71	0.363	13.1	43.7774	104.7856619	104.839245	1.093027	104.805583	
2010	275	2000	275.833333333		10/02/2010 20:00	109.43	1.53715	0.337	17.71	0.363	13.07	43.7733	104.7869002	104.840483	1.094327	104.806883	
2010	275	2100	275.875000000		10/02/2010 21:00	109.56	1.53898	0.337	17.71	0.363	13.05	43.7692	104.7881385	104.841722	1.095627	104.808183	
2010	275	2200	275.916666667		10/02/2010 22:00	109.58	1.53926	0.337	17.7	0.363	13.03	43.7686	104.788329	104.841912	1.095827	104.808383	
2010	275	2300	275.958333333		10/02/2010 23:00	109.71	1.54109	0.337	17.7	0.363	13.01	43.7645	104.7895672	104.843150	1.097127	104.809683	
2010	275	2400	276.000000000		10/03/2010 0:00	109.68	1.54067	0.337	17.7	0.363	13	43.7655	104.7892815	104.842865	1.096827	104.809383	
2010	276	100	276.041666667		10/03/2010 1:00	109.66	1.54038	0.337	17.7	0.363	12.99	43.7661	104.789091	104.842674	1.096627	104.809183	
2010	276	200	276.083333333		10/03/2010 2:00	109.81	1.54249	0.337	17.7	0.363	12.97	43.7614	104.7905197	104.844103	1.098127	104.810683	
2010	276	300	276.125000000		10/03/2010 3:00	110.1	1.54657	0.337	17.71	0.363	12.97	43.7524	104.793282	104.846865	1.101027	104.813583	
2010	276	400	276.166666667		10/03/2010 4:00	110.25	1.54867	0.337	17.71	0.363	12.97	43.7477	104.7947108	104.848294	1.102527	104.815083	
2010	276	500	276.208333333		10/03/2010 5:00	110.36	1.55022	0.337	17.7	0.363	12.96	43.7442	104.7957585	104.849342	1.103627	104.816183	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	276	600	276.250000000		10/03/2010 6:00	110.64	1.55415	0.337	17.71	0.363	12.95	43.7355	104.7984255	104.852009	1.106427	104.818983	
2010	276	700	276.291666667		10/03/2010 7:00	110.76	1.55584	0.337	17.72	0.363	12.95	43.7317	104.7995685	104.853152	1.107627	104.820183	
2010	276	800	276.333333333		10/03/2010 8:00	110.9	1.55780	0.337	17.7	0.363	13.1	43.7274	104.800902	104.854485	1.109027	104.821583	
2010	276	900	276.375000000		10/03/2010 9:00	110.89	1.55766	0.337	17.72	0.363	13.59	43.7277	104.8008068	104.854390	1.108927	104.821483	
2010	276	1000	276.416666667		10/03/2010 10:00	111.64	1.56820	0.337	17.73	0.363	13.58	43.7042	104.8079506	104.861534	1.116428	104.828983	
2010	276	1100	276.458333333		10/03/2010 11:00	111.27	1.56300	0.337	17.7	0.363	13.57	43.7158	104.8044263	104.858010	1.112727	104.825283	
2010	276	1200	276.500000000		10/03/2010 12:00	111.38	1.56455	0.337	17.73	0.363	13.55	43.7124	104.8054741	104.859057	1.113827	104.826383	
2010	276	1300	276.541666667		10/03/2010 13:00	111.33	1.56384	0.337	17.7	0.363	13.55	43.7139	104.8049978	104.858581	1.113327	104.825883	
2010	276	1400	276.583333333		10/03/2010 14:00	111.14	1.56117	0.337	17.72	0.363	13.55	43.7199	104.803188	104.856771	1.111427	104.823983	
2010	276	1500	276.625000000		10/03/2010 15:00	111.09	1.56047	0.337	17.73	0.363	13.55	43.7214	104.8027118	104.856295	1.110927	104.823483	
2010	276	1600	276.666666667		10/03/2010 16:00	110.97	1.55879	0.337	17.71	0.363	13.55	43.7252	104.8015688	104.855152	1.109727	104.822283	
2010	276	1700	276.708333333		10/03/2010 17:00	110.85	1.55710	0.337	17.72	0.363	13.43	43.7289	104.8004258	104.854009	1.108527	104.821083	
2010	276	1800	276.750000000		10/03/2010 18:00	110.83	1.55682	0.337	17.72	0.363	13.32	43.7295	104.8002353	104.853819	1.108327	104.820883	
2010	276	1900	276.791666667		10/03/2010 19:00	110.7	1.55499	0.337	17.72	0.363	13.25	43.7336	104.798997	104.852580	1.107027	104.819583	
2010	276	2000	276.833333333		10/03/2010 20:00	110.57	1.55317	0.337	17.72	0.363	13.2	43.7377	104.7977588	104.851342	1.105727	104.818283	
2010	276	2100	276.875000000		10/03/2010 21:00	110.47	1.55176	0.337	17.7	0.363	13.15	43.7408	104.7968063	104.850390	1.104727	104.817283	
2010	276	2200	276.916666667		10/03/2010 22:00	110.28	1.54909	0.337	17.72	0.363	13.12	43.7467	104.7949965	104.848580	1.102827	104.815383	
2010	276	2300	276.958333333		10/03/2010 23:00	110.15	1.54727	0.337	17.7	0.363	13.09	43.7508	104.7937582	104.847342	1.101527	104.814083	
2010	276	2400	277.000000000		10/04/2010 0:00	109.92	1.54404	0.337	17.73	0.363	13.07	43.7580	104.7915675	104.845151	1.099227	104.811783	
2010	277	100	277.041666667		10/04/2010 1:00	109.73	1.54137	0.337	17.72	0.363	13.05	43.7639	104.7897577	104.843341	1.097327	104.809883	
2010	277	200	277.083333333		10/04/2010 2:00	109.59	1.53940	0.337	17.73	0.363	13.03	43.7683	104.7884242	104.842007	1.095927	104.808483	
2010	277	300	277.125000000		10/04/2010 3:00	109.4	1.53673	0.337	17.72	0.363	13.02	43.7742	104.7866145	104.840198	1.094027	104.806583	
2010	277	400	277.166666667		10/04/2010 4:00	109.26	1.53477	0.337	17.72	0.363	13.01	43.7786	104.7852809	104.838864	1.092627	104.805183	
2010	277	500	277.208333333		10/04/2010 5:00	109.09	1.53238	0.336	17.71	0.363	12.99	43.7839	104.7836617	104.837245	1.090927	104.803482	
2010	277	600	277.250000000		10/04/2010 6:00	108.89	1.52957	0.337	17.71	0.363	12.99	43.7902	104.7817567	104.835340	1.088927	104.801482	
2010	277	700	277.291666667		10/04/2010 7:00	108.71	1.52704	0.337	17.72	0.363	13.74	43.7958	104.7800422	104.833625	1.087127	104.799682	
2010	277	800	277.333333333		10/04/2010 8:00	108.28	1.52100	0.337	17.71	0.363	13.71	43.8092	104.7759464	104.829530	1.082827	104.795382	
2010	277	900	277.375000000		10/04/2010 9:00	108.11	1.51861	0.337	17.72	0.363	13.65	43.8145	104.7743271	104.827910	1.081127	104.793682	
2010	277	1000	277.416666667		10/04/2010 10:00	107.99	1.51693	0.336	17.72	0.363	13.58	43.8183	104.7731841	104.826767	1.079927	104.792482	
2010	277	1100	277.458333333		10/04/2010 11:00	107.86	1.51510	0.337	17.73	0.363	13.55	43.8224	104.7719459	104.825529	1.078627	104.791182	
2010	277	1200	277.500000000		10/04/2010 12:00	107.71	1.51299	0.337	17.73	0.363	13.53	43.8270	104.7705171	104.824100	1.077127	104.789682	
2010	277	1300	277.541666667		10/04/2010 13:00	107.62	1.51173	0.337	17.73	0.363	13.48	43.8299	104.7696599	104.823243	1.076227	104.788782	
2010	277	1400	277.583333333		10/04/2010 14:00	107.42	1.50892	0.337	17.74	0.363	13.46	43.8361	104.7677548	104.821338	1.074226	104.786782	
2010	277	1500	277.625000000		10/04/2010 15:00	107.36	1.50808	0.337	17.72	0.363	13.46	43.8380	104.7671833	104.820767	1.073626	104.786182	
2010	277	1600	277.666666667		10/04/2010 16:00	107.36	1.50808	0.337	17.74	0.363	13.48	43.8380	104.7671833	104.820767	1.073626	104.786182	
2010	277	1700	277.708333333		10/04/2010 17:00	107.38	1.50836	0.337	17.72	0.363	13.39	43.8374	104.7673738	104.820957	1.073826	104.786382	
2010	277	1800	277.750000000		10/04/2010 18:00	107.35	1.50794	0.337	17.71	0.363	13.29	43.8383	104.7670881	104.820671	1.073526	104.786082	
2010	277	1900	277.791666667		10/04/2010 19:00	107.3	1.50723	0.337	17.72	0.363	13.23	43.8399	104.7666118	104.820195	1.073026	104.785582	
2010	277	2000	277.833333333		10/04/2010 20:00	107.47	1.50962	0.337	17.73	0.363	13.18	43.8345	104.7682311	104.821814	1.074727	104.787282	
2010	277	2100	277.875000000		10/04/2010 21:00	107.65	1.51215	0.337	17.72	0.363	13.14	43.8289	104.7699456	104.823529	1.076527	104.789082	
2010	277	2200	277.916666667		10/04/2010 22:00	107.8	1.51426	0.337	17.73	0.363	13.1	43.8242	104.7713744	104.824958	1.078027	104.790582	
2010	277	2300	277.958333333		10/04/2010 23:00	108.05	1.51777	0.337	17.71	0.363	13.07	43.8164	104.7737556	104.827339	1.080527	104.793082	
2010	277	2400	278.000000000		10/05/2010 0:00	108.28	1.52100	0.337	17.73	0.363	13.05	43.8092	104.7759464	104.829530	1.082827	104.795382	
2010	278	100	278.041666667		10/05/2010 1:00	108.52	1.52437	0.337	17.72	0.363	13.03	43.8017	104.7782324	104.831816	1.085227	104.797782	
2010	278	200	278.083333333		10/05/2010 2:00	108.66	1.52634	0.337	17.7	0.363	13.01	43.7974	104.7795659	104.833149	1.086627	104.799182	
2010	278	300	278.125000000		10/05/2010 3:00	108.83	1.52873	0.337	17.7	0.363	12.99	43.7920	104.7811852	104.834768	1.088327	104.800882	
2010	278	400	278.166666667		10/05/2010 4:00	109.11	1.53266	0.337	17.73	0.363	12.98	43.7833	104.7838522	104.837435	1.091127	104.803682	
2010	278	500	278.208333333		10/05/2010 5:00	110.05	1.54586	0.337	17.72	0.363	12.97	43.7539	104.7928057	104.846389	1.100527	104.813083	
2010	278	600	278.250000000		10/05/2010 6:00	112.37	1.57845	0.337	17.69	0.363	12.96	43.6814	104.8149039	104.868487	1.123728	104.836283	
2010	278	700	278.291666667		10/05/2010 7:00	112.44	1.57944	0.337	17.74	0.363	13.9	43.6792	104.8155706	104.869154	1.124428	104.836983	
2010	278	800	278.333333333		10/05/2010 8:00	113.78	1.59826	0.337	17.73	0.363	13.81	43.6374	104.8283342	104.881917	1.137828	104.850384	
2010	278	900	278.375000000		10/05/2010 9:00	114.04	1.60191	0.337	17.72	0.363	13.74	43.6292	104.8308107	104.884394	1.140428	104.852984	
2010	278	1000	278.416666667		10/05/2010 10:00	114.19	1.60402	0.337	17.72	0.363	13.65	43.6245	104.8322395	104.885823	1.141928	104.854484	
2010	278	1100	278.458333333		10/05/2010 11:00	114.42	1.60725	0.337	17.73	0.363	13.6	43.6174	104.8344302	104.888013	1.144228	104.856784	
2010	278	1200	278.500000000		10/05/2010 12:00	114.4	1.60697	0.337	17.72	0.363	13.57	43.6180	104.8342397	104.887823	1.144028	104.856584	
2010	278	1300	278.541666667		10/05/2010 13:00	114.36	1.60641	0.337	17.73	0.363	13.51	43.6192	104.8338587	104.887442	1.143628	104.856184	
2010	278	1400	278.583333333		10/05/2010 14:00	114.13	1.60317	0.337	17.75	0.363	13.47	43.6264	104.831668	104.885251	1.141328	104.853884	
2010	278	1500	278.625000000		10/05/2010 15:00	113.91	1.60008	0.337	17.72	0.363	13.47	43.6333	104.8295724	104.883156	1.139128	104.851684	
2010	278	1600	278.666666667		10/05/2010 16:00	113.83	1.59896	0.337	17.74	0.363	13.49	43.6358	104.8288104	104.882394	1.138328	104.850884	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	278	1700	278.708333333		10/05/2010 17:00	113.73	1.59756	0.336	17.72	0.363	13.33	43.6389	104.8278579	104.881441	1.137328	104.849884	
2010	278	1800	278.750000000		10/05/2010 18:00	113.64	1.59629	0.337	17.72	0.363	13.26	43.6417	104.8270007	104.880584	1.136428	104.848984	
2010	278	1900	278.791666667		10/05/2010 19:00	113.52	1.59461	0.337	17.73	0.363	13.2	43.6455	104.8258577	104.879441	1.135228	104.847784	
2010	278	2000	278.833333333		10/05/2010 20:00	113.46	1.59376	0.337	17.73	0.363	13.16	43.6474	104.8252862	104.878869	1.134628	104.847184	
2010	278	2100	278.875000000		10/05/2010 21:00	113.43	1.59334	0.337	17.73	0.363	13.11	43.6483	104.8250004	104.878584	1.134328	104.846884	
2010	278	2200	278.916666667		10/05/2010 22:00	113.35	1.59222	0.337	17.73	0.363	13.08	43.6508	104.8242384	104.877822	1.133528	104.846084	
2010	278	2300	278.958333333		10/05/2010 23:00	113.29	1.59138	0.337	17.71	0.363	13.05	43.6527	104.8236669	104.877250	1.132928	104.845484	
2010	278	2400	279.000000000		10/06/2010 0:00	113.27	1.59109	0.337	17.74	0.363	13.03	43.6533	104.8234764	104.877060	1.132728	104.845284	
2010	279	100	279.041666667		10/06/2010 1:00	113.22	1.59039	0.336	17.72	0.363	13	43.6549	104.8230002	104.876583	1.132228	104.844783	
2010	279	200	279.083333333		10/06/2010 2:00	113.4	1.59292	0.336	17.73	0.363	12.99	43.6492	104.8247147	104.878298	1.134028	104.846584	
2010	279	300	279.125000000		10/06/2010 3:00	113.55	1.59503	0.337	17.7	0.363	12.97	43.6445	104.8261434	104.879727	1.135528	104.848084	
2010	279	400	279.166666667		10/06/2010 4:00	113.77	1.59812	0.336	17.72	0.363	12.96	43.6377	104.8282389	104.881822	1.137728	104.850284	
2010	279	500	279.208333333		10/06/2010 5:00	114.1	1.60275	0.336	17.72	0.363	12.94	43.6274	104.8313822	104.884965	1.141028	104.853584	
2010	279	600	279.250000000		10/06/2010 6:00	114.36	1.60641	0.336	17.73	0.363	12.94	43.6192	104.8338587	104.887442	1.143628	104.856184	
2010	279	700	279.291666667		10/06/2010 7:00	114.48	1.60809	0.336	17.7	0.363	13.94	43.6155	104.8350017	104.888585	1.144828	104.857384	
2010	279	800	279.333333333		10/06/2010 8:00	114.71	1.61132	0.336	17.72	0.363	13.85	43.6083	104.8371925	104.890776	1.147128	104.859684	
2010	279	900	279.375000000		10/06/2010 9:00	115.09	1.61666	0.337	17.74	0.363	13.75	43.5964	104.840812	104.894395	1.150928	104.863484	
2010	279	1000	279.416666667		10/06/2010 10:00	115.15	1.61750	0.336	17.72	0.363	13.67	43.5945	104.8413835	104.894967	1.151528	104.864084	
2010	279	1100	279.458333333		10/06/2010 11:00	115.46	1.62186	0.336	17.74	0.363	13.61	43.5849	104.8443363	104.897920	1.154628	104.867184	
2010	279	1200	279.500000000		10/06/2010 12:00	115.47	1.62200	0.336	17.74	0.363	13.57	43.5845	104.8444315	104.898015	1.154728	104.867284	
2010	279	1300	279.541666667		10/06/2010 13:00	115.4	1.62101	0.336	17.74	0.363	13.51	43.5867	104.8437648	104.897348	1.154028	104.866584	
2010	279	1400	279.583333333		10/06/2010 14:00	115.38	1.62073	0.336	17.74	0.363	13.47	43.5874	104.8435743	104.897158	1.153828	104.866384	
2010	279	1500	279.625000000		10/06/2010 15:00	115.33	1.62003	0.336	17.72	0.363	13.44	43.5889	104.843098	104.896681	1.153328	104.865884	
2010	279	1600	279.666666667		10/06/2010 16:00	115.31	1.61975	0.336	17.75	0.363	13.45	43.5895	104.8429075	104.896491	1.153128	104.865684	
2010	279	1700	279.708333333		10/06/2010 17:00	115.27	1.61919	0.336	17.74	0.363	13.36	43.5908	104.8425265	104.896110	1.152728	104.865284	
2010	279	1800	279.750000000		10/06/2010 18:00	115.24	1.61877	0.336	17.73	0.363	13.26	43.5917	104.8422408	104.895824	1.152428	104.864984	
2010	279	1900	279.791666667		10/06/2010 19:00	115.16	1.61764	0.336	17.74	0.363	13.2	43.5942	104.8414788	104.895062	1.151628	104.864184	
2010	279	2000	279.833333333		10/06/2010 20:00	115.19	1.61806	0.336	17.74	0.363	13.15	43.5933	104.8417645	104.895348	1.151928	104.864484	
2010	279	2100	279.875000000		10/06/2010 21:00	115.21	1.61835	0.336	17.74	0.363	13.11	43.5927	104.841955	104.895538	1.152128	104.864684	
2010	279	2200	279.916666667		10/06/2010 22:00	115.34	1.62017	0.336	17.73	0.363	13.08	43.5886	104.8431933	104.896777	1.153428	104.865984	
2010	279	2300	279.958333333		10/06/2010 23:00	115.54	1.62298	0.336	17.72	0.363	13.05	43.5824	104.8450983	104.898682	1.155428	104.867984	
2010	279	2400	280.000000000		10/07/2010 0:00	115.79	1.62649	0.336	17.72	0.363	13.03	43.5745	104.8474795	104.901063	1.157929	104.870484	
2010	280	100	280.041666667		10/07/2010 1:00	116.09	1.63071	0.336	17.72	0.363	13.01	43.5652	104.8503371	104.903920	1.160929	104.873484	
2010	280	200	280.083333333		10/07/2010 2:00	116.47	1.63604	0.336	17.72	0.363	13	43.5533	104.8539566	104.907540	1.164729	104.877284	
2010	280	300	280.125000000		10/07/2010 3:00	116.79	1.64054	0.336	17.72	0.363	12.99	43.5433	104.8570046	104.910588	1.167929	104.880484	
2010	280	400	280.166666667		10/07/2010 4:00	117.14	1.64546	0.336	17.72	0.363	12.96	43.5324	104.8603384	104.913922	1.171429	104.883984	
2010	280	500	280.208333333		10/07/2010 5:00	117.42	1.64939	0.336	17.72	0.363	12.96	43.5236	104.8630054	104.916589	1.174229	104.886785	
2010	280	600	280.250000000		10/07/2010 6:00	117.65	1.65262	0.336	17.74	0.363	12.95	43.5164	104.8651961	104.918779	1.176529	104.889085	
2010	280	700	280.291666667		10/07/2010 7:00	117.83	1.65515	0.336	17.72	0.363	13.03	43.5108	104.8669107	104.920494	1.178329	104.890885	
2010	280	800	280.333333333		10/07/2010 8:00	117.92	1.65641	0.336	17.73	0.363	13.69	43.5080	104.8677679	104.921351	1.179229	104.891785	
2010	280	900	280.375000000		10/07/2010 9:00	117.92	1.65641	0.336	17.72	0.363	13.72	43.5080	104.8677679	104.921351	1.179229	104.891785	
2010	280	1000	280.416666667		10/07/2010 10:00	117.84	1.65529	0.336	17.72	0.363	13.66	43.5105	104.8670059	104.920589	1.178429	104.890985	
2010	280	1100	280.458333333		10/07/2010 11:00	117.73	1.65374	0.336	17.74	0.363	13.63	43.5139	104.8659582	104.919541	1.177329	104.889885	
2010	280	1200	280.500000000		10/07/2010 12:00	117.67	1.65290	0.336	17.71	0.363	13.55	43.5158	104.8653866	104.918970	1.176729	104.889285	
2010	280	1300	280.541666667		10/07/2010 13:00	117.48	1.65023	0.336	17.73	0.363	13.43	43.5217	104.8635769	104.917160	1.174829	104.887385	
2010	280	1400	280.583333333		10/07/2010 14:00	117.27	1.64728	0.336	17.74	0.363	13.69	43.5283	104.8615766	104.915160	1.172729	104.885284	
2010	280	1500	280.625000000		10/07/2010 15:00	117.04	1.64405	0.337	17.72	0.363	13.73	43.5355	104.8593859	104.912969	1.170429	104.882984	
2010	280	1600	280.666666667		10/07/2010 16:00	116.87	1.64166	0.337	17.73	0.363	13.67	43.5408	104.8577666	104.911350	1.168729	104.881284	
2010	280	1700	280.708333333		10/07/2010 17:00	116.72	1.63956	0.336	17.73	0.363	13.5	43.5455	104.8563378	104.909921	1.167229	104.879784	
2010	280	1800	280.750000000		10/07/2010 18:00	116.55	1.63717	0.337	17.73	0.363	13.4	43.5508	104.8547186	104.908302	1.165529	104.878084	
2010	280	1900	280.791666667		10/07/2010 19:00	116.49	1.63633	0.337	17.73	0.363	13.32	43.5527	104.8541471	104.907730	1.164929	104.877484	
2010	280	2000	280.833333333		10/07/2010 20:00	116.49	1.63633	0.336	17.73	0.363	13.26	43.5527	104.8541471	104.907730	1.164929	104.877484	
2010	280	2100	280.875000000		10/07/2010 21:00	116.55	1.63717	0.337	17.73	0.363	13.22	43.5508	104.8547186	104.908302	1.165529	104.878084	
2010	280	2200	280.916666667		10/07/2010 22:00	116.68	1.63899	0.337	17.73	0.363	13.17	43.5467	104.8559568	104.909540	1.166829	104.879384	
2010	280	2300	280.958333333		10/07/2010 23:00	116.88	1.64180	0.337	17.72	0.363	13.13	43.5405	104.8578619	104.911445	1.168829	104.881384	
2010	280	2400	281.000000000		10/08/2010 0:00	117.11	1.64503	0.337	17.72	0.363	13.1	43.5333	104.8600526	104.913636	1.171129	104.883684	
2010	281	100	281.041666667		10/08/2010 1:00	117.43	1.64953	0.337	17.74	0.363	13.07	43.5233	104.8631006	104.916684	1.174329	104.886885	
2010	281	200	281.083333333		10/08/2010 2:00	117.69	1.65318	0.337	17.73	0.363	13.05	43.5152	104.8655771	104.919160	1.176929	104.889485	
2010	281	300	281.125000000		10/08/2010 3:00	118.01	1.65768	0.337	17.72	0.363	13.03	43.5052	104.8686252	104.922208	1.180129	104.892685	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	281	400	281.166666667		10/08/2010 4:00	118.33	1.66217	0.337	17.71	0.363	13.01	43.4952	104.8716732	104.925256	1.183329	104.895885	
2010	281	500	281.208333333		10/08/2010 5:00	118.53	1.66498	0.337	17.72	0.363	12.99	43.4889	104.8735782	104.927161	1.185329	104.897885	
2010	281	600	281.250000000		10/08/2010 6:00	118.71	1.66751	0.337	17.73	0.363	12.98	43.4833	104.8752927	104.928876	1.187129	104.899685	
2010	281	700	281.291666667		10/08/2010 7:00	118.77	1.66835	0.337	17.72	0.363	12.99	43.4814	104.8758642	104.929447	1.187729	104.900285	
2010	281	800	281.333333333		10/08/2010 8:00	118.75	1.66807	0.337	17.71	0.363	13.73	43.4820	104.8756737	104.929257	1.187529	104.900085	
2010	281	900	281.375000000		10/08/2010 9:00	118.61	1.66610	0.337	17.73	0.363	13.7	43.4864	104.8743402	104.927923	1.186129	104.898685	
2010	281	1000	281.416666667		10/08/2010 10:00	118.58	1.66568	0.337	17.74	0.363	13.66	43.4874	104.8740544	104.927638	1.185829	104.898385	
2010	281	1100	281.458333333		10/08/2010 11:00	118.36	1.66259	0.337	17.72	0.363	13.61	43.4942	104.8719589	104.925542	1.183629	104.896185	
2010	281	1200	281.500000000		10/08/2010 12:00	118.12	1.65922	0.337	17.73	0.363	13.57	43.5017	104.8696729	104.923256	1.181229	104.893785	
2010	281	1300	281.541666667		10/08/2010 13:00	117.93	1.65655	0.337	17.7	0.363	13.59	43.5077	104.8678632	104.921446	1.179329	104.891885	
2010	281	1400	281.583333333		10/08/2010 14:00	117.6	1.65192	0.337	17.72	0.363	13.61	43.5180	104.8647199	104.918303	1.176029	104.888585	
2010	281	1500	281.625000000		10/08/2010 15:00	117.36	1.64855	0.337	17.72	0.363	13.6	43.5255	104.8624339	104.916017	1.173629	104.886185	
2010	281	1600	281.666666667		10/08/2010 16:00	117.12	1.64517	0.337	17.74	0.363	13.6	43.5330	104.8601479	104.913731	1.171229	104.883784	
2010	281	1700	281.708333333		10/08/2010 17:00	116.84	1.64124	0.337	17.74	0.363	13.44	43.5417	104.8574809	104.911064	1.168429	104.880984	
2010	281	1800	281.750000000		10/08/2010 18:00	116.72	1.63956	0.337	17.72	0.363	13.34	43.5455	104.8563378	104.909921	1.167229	104.879784	
2010	281	1900	281.791666667		10/08/2010 19:00	116.49	1.63633	0.337	17.73	0.363	13.28	43.5527	104.8541471	104.907730	1.164929	104.877484	
2010	281	2000	281.833333333		10/08/2010 20:00	116.36	1.63450	0.337	17.72	0.363	13.22	43.5567	104.8529088	104.906492	1.163629	104.876184	
2010	281	2100	281.875000000		10/08/2010 21:00	116.36	1.63450	0.337	17.72	0.363	13.17	43.5567	104.8529088	104.906492	1.163629	104.876184	
2010	281	2200	281.916666667		10/08/2010 22:00	116.37	1.63464	0.337	17.73	0.363	13.13	43.5564	104.8530041	104.906587	1.163729	104.876284	
2010	281	2300	281.958333333		10/08/2010 23:00	116.49	1.63633	0.337	17.73	0.363	13.1	43.5527	104.8541471	104.907730	1.164929	104.877484	
2010	281	2400	282.000000000		10/09/2010 0:00	116.69	1.63913	0.337	17.72	0.363	13.07	43.5464	104.8560521	104.909635	1.166929	104.879484	
2010	282	100	282.041666667		10/09/2010 1:00	117.02	1.64377	0.337	17.72	0.363	13.05	43.5361	104.8591954	104.912779	1.170229	104.882784	
2010	282	200	282.083333333		10/09/2010 2:00	117.42	1.64939	0.337	17.73	0.363	13.03	43.5236	104.8630054	104.916589	1.174229	104.886785	
2010	282	300	282.125000000		10/09/2010 3:00	117.73	1.65374	0.337	17.74	0.363	13.01	43.5139	104.8659582	104.919541	1.177329	104.889885	
2010	282	400	282.166666667		10/09/2010 4:00	118.02	1.65782	0.337	17.74	0.363	12.99	43.5049	104.8687204	104.922304	1.180229	104.892785	
2010	282	500	282.208333333		10/09/2010 5:00	118.6	1.66596	0.337	17.71	0.363	12.97	43.4867	104.8742449	104.927828	1.186029	104.898585	
2010	282	600	282.250000000		10/09/2010 6:00	119.12	1.67327	0.337	17.72	0.363	12.96	43.4705	104.879198	104.932781	1.191229	104.903785	
2010	282	700	282.291666667		10/09/2010 7:00	119.57	1.67959	0.337	17.73	0.363	13.05	43.4564	104.8834842	104.937068	1.195729	104.908285	
2010	282	800	282.333333333		10/09/2010 8:00	120.63	1.69448	0.337	17.72	0.363	13.73	43.4233	104.8935808	104.947164	1.206330	104.918885	
2010	282	900	282.375000000		10/09/2010 9:00	121.15	1.70178	0.337	17.72	0.363	13.74	43.4070	104.8985338	104.952117	1.211530	104.924085	
2010	282	1000	282.416666667		10/09/2010 10:00	121.52	1.70698	0.337	17.72	0.363	13.69	43.3955	104.9020581	104.955641	1.215230	104.927786	
2010	282	1100	282.458333333		10/09/2010 11:00	121.96	1.71316	0.337	17.73	0.363	13.68	43.3817	104.9062491	104.959832	1.219630	104.932186	
2010	282	1200	282.500000000		10/09/2010 12:00	122.32	1.71822	0.337	17.74	0.363	13.67	43.3705	104.9096781	104.963261	1.223230	104.935786	
2010	282	1300	282.541666667		10/09/2010 13:00	122.67	1.72314	0.337	17.73	0.363	13.67	43.3595	104.9130119	104.966595	1.226730	104.939286	
2010	282	1400	282.583333333		10/09/2010 14:00	123.06	1.72861	0.337	17.72	0.363	13.68	43.3474	104.9167267	104.970310	1.230630	104.943186	
2010	282	1500	282.625000000		10/09/2010 15:00	123.24	1.73114	0.337	17.73	0.363	13.68	43.3417	104.9184412	104.972024	1.232430	104.944986	
2010	282	1600	282.666666667		10/09/2010 16:00	123.46	1.73423	0.337	17.74	0.363	13.59	43.3349	104.9205367	104.974120	1.234630	104.947186	
2010	282	1700	282.708333333		10/09/2010 17:00	123.73	1.73803	0.337	17.73	0.363	13.45	43.3264	104.9231085	104.976692	1.237331	104.949886	
2010	282	1800	282.750000000		10/09/2010 18:00	124.02	1.74210	0.337	17.73	0.364	13.36	43.3174	104.9258707	104.979454	1.240231	104.952786	
2010	282	1900	282.791666667		10/09/2010 19:00	124.23	1.74505	0.337	17.75	0.364	13.3	43.3108	104.927871	104.981454	1.242331	104.954886	
2010	282	2000	282.833333333		10/09/2010 20:00	124.5	1.74884	0.337	17.73	0.364	13.24	43.3024	104.9304428	104.984026	1.245031	104.957586	
2010	282	2100	282.875000000		10/09/2010 21:00	124.82	1.75334	0.337	17.73	0.364	13.19	43.2924	104.9334908	104.987074	1.248231	104.960786	
2010	282	2200	282.916666667		10/09/2010 22:00	125.16	1.75811	0.337	17.74	0.364	13.14	43.2817	104.9367293	104.990313	1.251631	104.964186	
2010	282	2300	282.958333333		10/09/2010 23:00	125.23	1.75910	0.337	17.72	0.364	13.11	43.2795	104.9373961	104.990979	1.252331	104.964886	
2010	282	2400	283.000000000		10/10/2010 0:00	125.36	1.76092	0.338	17.74	0.364	13.08	43.2755	104.9386343	104.992218	1.253631	104.966186	
2010	283	100	283.041666667		10/10/2010 1:00	125.53	1.76331	0.338	17.73	0.364	13.05	43.2702	104.9402536	104.993837	1.255331	104.967887	
2010	283	200	283.083333333		10/10/2010 2:00	125.72	1.76598	0.338	17.72	0.364	13.03	43.2642	104.9420633	104.995647	1.257231	104.969787	
2010	283	300	283.125000000		10/10/2010 3:00	125.92	1.76879	0.338	17.73	0.364	13.01	43.2580	104.9439683	104.997552	1.259231	104.971787	
2010	283	400	283.166666667		10/10/2010 4:00	126.14	1.77188	0.338	17.74	0.365	12.99	43.2511	104.9460639	104.999647	1.261431	104.973987	
2010	283	500	283.208333333		10/10/2010 5:00	126.37	1.77511	0.338	17.73	0.365	12.98	43.2439	104.9482546	105.001838	1.263731	104.976287	
2010	283	600	283.250000000		10/10/2010 6:00	126.55	1.77764	0.338	17.73	0.365	12.97	43.2383	104.9499691	105.003552	1.265531	104.978087	
2010	283	700	283.291666667		10/10/2010 7:00	126.69	1.77960	0.338	17.73	0.365	13.58	43.2339	104.9513026	105.004886	1.266931	104.979487	
2010	283	800	283.333333333		10/10/2010 8:00	126.84	1.78171	0.338	17.73	0.365	13.63	43.2292	104.9527314	105.006315	1.268431	104.980987	
2010	283	900	283.375000000		10/10/2010 9:00	127	1.78396	0.339	17.73	0.365	13.58	43.2242	104.9542554	105.007839	1.270031	104.982587	
2010	283	1000	283.416666667		10/10/2010 10:00	127.1	1.78536	0.339	17.73	0.365	13.49	43.2211	104.9552079	105.008791	1.271031	104.983587	
2010	283	1100	283.458333333		10/10/2010 11:00	127.27	1.78775	0.339	17.72	0.365	13.51	43.2158	104.9568272	105.010410	1.272731	104.985287	
2010	283	1200	283.500000000		10/10/2010 12:00	127.47	1.79056	0.339	17.72	0.365	13.55	43.2095	104.9587322	105.012315	1.274731	104.987287	
2010	283	1300	283.541666667		10/10/2010 13:00	127.36	1.78902	0.339	17.7	0.366	13.59	43.2130	104.9576844	105.011268	1.273631	104.986187	
2010	283	1400	283.583333333		10/10/2010 14:00	127.36	1.78902	0.339	17.71	0.366	13.56	43.2130	104.9576844	105.011268	1.273631	104.986187	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	283	1500	283.625000000		10/10/2010 15:00	127.26	1.78761	0.339	17.71	0.366	13.45	43.2161	104.9567319	105.010315	1.272631	104.985187	
2010	283	1600	283.666666667		10/10/2010 16:00	127.18	1.78649	0.339	17.73	0.366	13.61	43.2186	104.9559699	105.009553	1.271831	104.984387	
2010	283	1700	283.708333333		10/10/2010 17:00	126.92	1.78283	0.339	17.72	0.366	13.47	43.2267	104.9534934	105.007077	1.269231	104.981787	
2010	283	1800	283.750000000		10/10/2010 18:00	126.39	1.77539	0.339	17.72	0.366	13.38	43.2433	104.9484451	105.002028	1.263931	104.976487	
2010	283	1900	283.791666667		10/10/2010 19:00	126.48	1.77665	0.339	17.73	0.366	13.31	43.2405	104.9493024	105.002886	1.264831	104.977387	
2010	283	2000	283.833333333		10/10/2010 20:00	126.36	1.77497	0.339	17.71	0.366	13.25	43.2442	104.9481594	105.001743	1.263631	104.976187	
2010	283	2100	283.875000000		10/10/2010 21:00	126.15	1.77202	0.339	17.71	0.366	13.2	43.2508	104.9461591	104.999742	1.261531	104.974087	
2010	283	2200	283.916666667		10/10/2010 22:00	125.92	1.76879	0.34	17.73	0.366	13.16	43.2580	104.9439683	104.997552	1.259231	104.971787	
2010	283	2300	283.958333333		10/10/2010 23:00	125.54	1.76345	0.34	17.74	0.366	13.12	43.2699	104.9403488	104.993932	1.255431	104.967987	
2010	283	2400	284.000000000		10/11/2010 0:00	125.18	1.75839	0.34	17.7	0.366	13.09	43.2811	104.9369198	104.990503	1.251831	104.964386	
2010	284	100	284.041666667		10/11/2010 1:00	124.9	1.75446	0.34	17.71	0.366	13.05	43.2899	104.9342528	104.987836	1.249031	104.961586	
2010	284	200	284.083333333		10/11/2010 2:00	124.57	1.74982	0.34	17.73	0.366	13.02	43.3002	104.9311095	104.984693	1.245731	104.958286	
2010	284	300	284.125000000		10/11/2010 3:00	124.21	1.74477	0.34	17.74	0.367	13	43.3114	104.9276805	104.981264	1.242131	104.954686	
2010	284	400	284.166666667		10/11/2010 4:00	123.92	1.74069	0.34	17.71	0.367	12.98	43.3205	104.9249182	104.978501	1.239231	104.951786	
2010	284	500	284.208333333		10/11/2010 5:00	123.61	1.73634	0.34	17.71	0.367	12.96	43.3302	104.9219655	104.975549	1.236130	104.948686	
2010	284	600	284.250000000		10/11/2010 6:00	123.34	1.73255	0.34	17.71	0.367	12.95	43.3386	104.9193937	104.972977	1.233430	104.945986	
2010	284	700	284.291666667		10/11/2010 7:00	123.06	1.72861	0.34	17.72	0.367	13.92	43.3474	104.9167267	104.970310	1.230630	104.943186	
2010	284	800	284.333333333		10/11/2010 8:00	122.88	1.72609	0.34	17.72	0.367	13.86	43.3530	104.9150122	104.968595	1.228830	104.941386	
2010	284	900	284.375000000		10/11/2010 9:00	122.54	1.72131	0.34	17.73	0.367	13.8	43.3636	104.9117737	104.965357	1.225430	104.937986	
2010	284	1000	284.416666667		10/11/2010 10:00	122.19	1.71639	0.34	17.72	0.367	13.73	43.3745	104.9084399	104.962023	1.221930	104.934486	
2010	284	1100	284.458333333		10/11/2010 11:00	122.06	1.71457	0.34	17.73	0.367	13.7	43.3786	104.9072016	104.960785	1.220630	104.933186	
2010	284	1200	284.500000000		10/11/2010 12:00	121.81	1.71105	0.34	17.72	0.367	13.68	43.3864	104.9048204	104.958404	1.218130	104.930686	
2010	284	1300	284.541666667		10/11/2010 13:00	121.65	1.70881	0.34	17.72	0.367	13.64	43.3914	104.9032964	104.956880	1.216530	104.929086	
2010	284	1400	284.583333333		10/11/2010 14:00	121.48	1.70642	0.34	17.72	0.367	13.62	43.3967	104.9016771	104.955260	1.214830	104.927386	
2010	284	1500	284.625000000		10/11/2010 15:00	121.33	1.70431	0.341	17.71	0.367	13.62	43.4014	104.9002483	104.953832	1.213330	104.925885	
2010	284	1600	284.666666667		10/11/2010 16:00	121.36	1.70473	0.34	17.71	0.367	13.65	43.4005	104.9005341	104.954117	1.213630	104.926186	
2010	284	1700	284.708333333		10/11/2010 17:00	121.45	1.70600	0.34	17.72	0.367	13.45	43.3977	104.9013913	104.954975	1.214530	104.927086	
2010	284	1800	284.750000000		10/11/2010 18:00	121.6	1.70811	0.341	17.71	0.368	13.36	43.3930	104.9028201	104.956403	1.216030	104.928586	
2010	284	1900	284.791666667		10/11/2010 19:00	121.72	1.70979	0.341	17.71	0.367	13.3	43.3892	104.9039631	104.957546	1.217230	104.929786	
2010	284	2000	284.833333333		10/11/2010 20:00	122.03	1.71415	0.341	17.72	0.367	13.25	43.3795	104.9069159	104.960499	1.220330	104.932886	
2010	284	2100	284.875000000		10/11/2010 21:00	122.25	1.71724	0.341	17.71	0.367	13.2	43.3727	104.9090114	104.962595	1.222530	104.935086	
2010	284	2200	284.916666667		10/11/2010 22:00	122.49	1.72061	0.341	17.72	0.367	13.16	43.3652	104.9112974	104.964881	1.224930	104.937486	
2010	284	2300	284.958333333		10/11/2010 23:00	122.77	1.72454	0.341	17.71	0.367	13.12	43.3564	104.9139644	104.967548	1.227730	104.940286	
2010	284	2400	285.000000000		10/12/2010 0:00	122.92	1.72665	0.341	17.72	0.367	13.09	43.3517	104.9153932	104.968976	1.229230	104.941786	
2010	285	100	285.041666667		10/12/2010 1:00	123.19	1.73044	0.341	17.71	0.367	13.05	43.3433	104.9179649	104.971548	1.231930	104.944486	
2010	285	200	285.083333333		10/12/2010 2:00	123.5	1.73479	0.341	17.7	0.367	13.03	43.3336	104.9209177	104.974501	1.235030	104.947586	
2010	285	300	285.125000000		10/12/2010 3:00	123.58	1.73592	0.341	17.76	0.367	13	43.3311	104.9216797	104.975263	1.235830	104.948386	
2010	285	400	285.166666667		10/12/2010 4:00	123.85	1.73971	0.341	17.7	0.367	12.97	43.3227	104.9242515	104.977835	1.238531	104.951086	
2010	285	500	285.208333333		10/12/2010 5:00	124.16	1.74407	0.341	17.73	0.367	12.95	43.3130	104.9272042	104.980788	1.241631	104.954186	
2010	285	600	285.250000000		10/12/2010 6:00	124.47	1.74842	0.341	17.73	0.367	12.94	43.3033	104.930157	104.983740	1.244731	104.957286	
2010	285	700	285.291666667		10/12/2010 7:00	124.71	1.75179	0.341	17.73	0.367	14.02	43.2958	104.932443	104.986026	1.247131	104.959686	
2010	285	800	285.333333333		10/12/2010 8:00	124.96	1.75530	0.341	17.7	0.367	13.96	43.2880	104.9348243	104.988408	1.249631	104.962186	
2010	285	900	285.375000000		10/12/2010 9:00	125.13	1.75769	0.341	17.71	0.367	13.86	43.2827	104.9364435	104.990027	1.251331	104.963886	
2010	285	1000	285.416666667		10/12/2010 10:00	125.38	1.76120	0.34	17.72	0.367	13.78	43.2749	104.9388248	104.992408	1.253831	104.966386	
2010	285	1100	285.458333333		10/12/2010 11:00	125.44	1.76205	0.34	17.72	0.367	13.73	43.2730	104.9393963	104.992980	1.254431	104.966987	
2010	285	1200	285.500000000		10/12/2010 12:00	125.5	1.76289	0.341	17.74	0.367	13.72	43.2711	104.9399678	104.993551	1.255031	104.967587	
2010	285	1300	285.541666667		10/12/2010 13:00	125.56	1.76373	0.341	17.74	0.367	13.68	43.2692	104.9405393	104.994123	1.255631	104.968187	
2010	285	1400	285.583333333		10/12/2010 14:00	125.57	1.76387	0.34	17.73	0.367	13.65	43.2689	104.9406346	104.994218	1.255731	104.968287	
2010	285	1500	285.625000000		10/12/2010 15:00	125.61	1.76443	0.341	17.72	0.367	13.63	43.2677	104.9410156	104.994599	1.256131	104.968687	
2010	285	1600	285.666666667		10/12/2010 16:00	125.73	1.76612	0.341	17.72	0.367	13.63	43.2639	104.9421586	104.995742	1.257331	104.969887	
2010	285	1700	285.708333333		10/12/2010 17:00	125.89	1.76837	0.34	17.73	0.367	13.44	43.2589	104.9436826	104.997266	1.258931	104.971487	
2010	285	1800	285.750000000		10/12/2010 18:00	126.09	1.77118	0.341	17.74	0.367	13.36	43.2527	104.9455876	104.999171	1.260931	104.973487	
2010	285	1900	285.791666667		10/12/2010 19:00	126.36	1.77497	0.341	17.72	0.367	13.29	43.2442	104.9481594	105.001743	1.263631	104.976187	
2010	285	2000	285.833333333		10/12/2010 20:00	126.73	1.78017	0.341	17.72	0.367	13.24	43.2327	104.9516836	105.005267	1.267331	104.979887	
2010	285	2100	285.875000000		10/12/2010 21:00	127.06	1.78480	0.341	17.71	0.367	13.2	43.2224	104.9548269	105.008410	1.270631	104.983187	
2010	285	2200	285.916666667		10/12/2010 22:00	127.46	1.79042	0.341	17.72	0.367	13.15	43.2099	104.9586369	105.012220	1.274631	104.987187	
2010	285	2300	285.958333333		10/12/2010 23:00	127.86	1.79604	0.341	17.71	0.367	13.11	43.1974	104.9624469	105.016030	1.278632	104.991187	
2010	285	2400	286.000000000		10/13/2010 0:00	128.23	1.80124	0.341	17.74	0.367	13.08	43.1858	104.9659712	105.019554	1.282332	104.994887	
2010	286	100	286.041666667		10/13/2010 1:00	128.7	1.80784	0.341	17.71	0.367	13.05	43.1711	104.970448	105.024031	1.287032	104.999587	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	286	200	286.083333333		10/13/2010 2:00	129.22	1.81514	0.341	17.7	0.367	13.01	43.1549	104.975401	105.028984	1.292232	105.004787	
2010	286	300	286.125000000		10/13/2010 3:00	129.75	1.82259	0.341	17.71	0.367	12.98	43.1383	104.9804493	105.034033	1.297532	105.010088	
2010	286	400	286.166666667		10/13/2010 4:00	130.28	1.83003	0.341	17.73	0.368	12.96	43.1217	104.9854976	105.039081	1.302832	105.015388	
2010	286	500	286.208333333		10/13/2010 5:00	130.82	1.83762	0.341	17.72	0.368	12.94	43.1049	104.9906411	105.044224	1.308232	105.020788	
2010	286	600	286.250000000		10/13/2010 6:00	131.4	1.84576	0.341	17.72	0.368	12.91	43.0867	104.9961656	105.049749	1.314032	105.026588	
2010	286	700	286.291666667		10/13/2010 7:00	131.74	1.85054	0.341	17.73	0.368	14.06	43.0761	104.9994042	105.052987	1.317432	105.029988	
2010	286	800	286.333333333		10/13/2010 8:00	131.95	1.85349	0.341	17.71	0.368	13.98	43.0695	105.0014044	105.054988	1.319533	105.032088	
2010	286	900	286.375000000		10/13/2010 9:00	132.28	1.85813	0.341	17.73	0.368	13.88	43.0592	105.0045477	105.058131	1.322833	105.035388	
2010	286	1000	286.416666667		10/13/2010 10:00	132.43	1.86023	0.341	17.73	0.368	13.8	43.0545	105.0059764	105.059560	1.324333	105.036888	
2010	286	1100	286.458333333		10/13/2010 11:00	132.54	1.86178	0.342	17.72	0.368	13.73	43.0511	105.0070242	105.060607	1.325433	105.037988	
2010	286	1200	286.500000000		10/13/2010 12:00	132.46	1.86065	0.341	17.74	0.368	13.69	43.0536	105.0062622	105.059845	1.324633	105.037188	
2010	286	1300	286.541666667		10/13/2010 13:00	132.39	1.85967	0.342	17.74	0.368	13.63	43.0558	105.0055954	105.059179	1.323933	105.036488	
2010	286	1400	286.583333333		10/13/2010 14:00	132.17	1.85658	0.342	17.73	0.369	13.59	43.0627	105.0034999	105.057083	1.321733	105.034288	
2010	286	1500	286.625000000		10/13/2010 15:00	132.05	1.85490	0.342	17.72	0.369	13.57	43.0664	105.0023569	105.055940	1.320533	105.033088	
2010	286	1600	286.666666667		10/13/2010 16:00	131.88	1.85251	0.342	17.73	0.369	13.55	43.0717	105.0007377	105.054321	1.318833	105.031388	
2010	286	1700	286.708333333		10/13/2010 17:00	131.86	1.85223	0.342	17.73	0.369	13.4	43.0724	105.0005472	105.054130	1.318633	105.031188	
2010	286	1800	286.750000000		10/13/2010 18:00	132.08	1.85532	0.342	17.71	0.369	13.32	43.0655	105.0026427	105.056226	1.320833	105.033388	
2010	286	1900	286.791666667		10/13/2010 19:00	132.3	1.85841	0.342	17.72	0.369	13.26	43.0586	105.0047382	105.058321	1.323033	105.035588	
2010	286	2000	286.833333333		10/13/2010 20:00	132.65	1.86332	0.342	17.71	0.369	13.2	43.0477	105.0080719	105.061655	1.326533	105.039088	
2010	286	2100	286.875000000		10/13/2010 21:00	132.99	1.86810	0.343	17.72	0.369	13.16	43.0370	105.0113105	105.064894	1.329933	105.042488	
2010	286	2200	286.916666667		10/13/2010 22:00	133.41	1.87400	0.342	17.71	0.369	13.12	43.0239	105.015311	105.068894	1.334133	105.046688	
2010	286	2300	286.958333333		10/13/2010 23:00	133.87	1.88046	0.343	17.71	0.37	13.09	43.0095	105.0196925	105.073276	1.338733	105.051289	
2010	286	2400	287.000000000		10/14/2010 0:00	134.37	1.88748	0.343	17.73	0.37	13.05	42.9939	105.024455	105.078038	1.343733	105.056289	
2010	287	100	287.041666667		10/14/2010 1:00	134.88	1.89465	0.343	17.72	0.37	13.03	42.9780	105.0293128	105.082896	1.348833	105.061389	
2010	287	200	287.083333333		10/14/2010 2:00	135.57	1.90434	0.343	17.75	0.37	12.99	42.9564	105.0358851	105.089468	1.355733	105.068289	
2010	287	300	287.125000000		10/14/2010 3:00	136.25	1.91389	0.343	17.71	0.37	12.96	42.9352	105.0423621	105.095945	1.362534	105.075089	
2010	287	400	287.166666667		10/14/2010 4:00	136.85	1.92232	0.343	17.71	0.37	12.94	42.9164	105.0480772	105.101660	1.368534	105.081089	
2010	287	500	287.208333333		10/14/2010 5:00	137.39	1.92991	0.343	17.7	0.37	12.92	42.8995	105.0532207	105.106804	1.373934	105.086489	
2010	287	600	287.250000000		10/14/2010 6:00	137.9	1.93707	0.344	17.7	0.371	12.9	42.8836	105.0580785	105.111662	1.379034	105.091590	
2010	287	700	287.291666667		10/14/2010 7:00	138.27	1.94227	0.344	17.71	0.371	13.54	42.8720	105.0616028	105.115186	1.382734	105.095290	
2010	287	800	287.333333333		10/14/2010 8:00	138.49	1.94536	0.344	17.71	0.371	14.02	42.8652	105.0636983	105.117282	1.384934	105.097490	
2010	287	900	287.375000000		10/14/2010 9:00	138.49	1.94536	0.344	17.73	0.371	13.92	42.8652	105.0636983	105.117282	1.384934	105.097490	
2010	287	1000	287.416666667		10/14/2010 10:00	138.55	1.94620	0.344	17.7	0.371	13.81	42.8633	105.0642698	105.117853	1.385534	105.098090	
2010	287	1100	287.458333333		10/14/2010 11:00	138.59	1.94676	0.344	17.71	0.371	13.72	42.8620	105.0646508	105.118234	1.385934	105.098490	
2010	287	1200	287.500000000		10/14/2010 12:00	138.4	1.94409	0.344	17.69	0.371	13.69	42.8680	105.062841	105.116424	1.384034	105.096590	
2010	287	1300	287.541666667		10/14/2010 13:00	138.1	1.93988	0.344	17.7	0.372	13.61	42.8774	105.0599835	105.113567	1.381034	105.093590	
2010	287	1400	287.583333333		10/14/2010 14:00	137.8	1.93567	0.345	17.71	0.372	13.57	42.8867	105.057126	105.110709	1.378034	105.090590	
2010	287	1500	287.625000000		10/14/2010 15:00	137.51	1.93159	0.345	17.71	0.372	13.57	42.8958	105.0543637	105.107947	1.375134	105.087689	
2010	287	1600	287.666666667		10/14/2010 16:00	137.23	1.92766	0.345	17.68	0.372	13.55	42.9045	105.0516967	105.105280	1.372334	105.084889	
2010	287	1700	287.708333333		10/14/2010 17:00	136.99	1.92429	0.345	17.71	0.372	13.41	42.9120	105.0494107	105.102994	1.369934	105.082489	
2010	287	1800	287.750000000		10/14/2010 18:00	136.72	1.92049	0.345	17.7	0.372	13.32	42.9205	105.0468389	105.100422	1.367234	105.079789	
2010	287	1900	287.791666667		10/14/2010 19:00	136.51	1.91754	0.345	17.7	0.372	13.26	42.9270	105.0448387	105.098422	1.365134	105.077689	
2010	287	2000	287.833333333		10/14/2010 20:00	136.32	1.91488	0.345	17.7	0.373	13.21	42.9330	105.0430289	105.096612	1.363234	105.075789	
2010	287	2100	287.875000000		10/14/2010 21:00	136.23	1.91361	0.345	17.7	0.373	13.16	42.9358	105.0421716	105.095755	1.362334	105.074889	
2010	287	2200	287.916666667		10/14/2010 22:00	136.37	1.91558	0.346	17.7	0.373	13.11	42.9314	105.0435051	105.097088	1.363734	105.076289	
2010	287	2300	287.958333333		10/14/2010 23:00	136.47	1.91698	0.346	17.7	0.373	13.08	42.9283	105.0444577	105.098041	1.364734	105.077289	
2010	287	2400	288.000000000		10/15/2010 0:00	136.65	1.91951	0.346	17.72	0.373	13.05	42.9227	105.0461722	105.099755	1.366534	105.079089	
2010	288	100	288.041666667		10/15/2010 1:00	136.98	1.92415	0.346	17.72	0.373	13.02	42.9124	105.0493154	105.102899	1.369834	105.082389	
2010	288	200	288.083333333		10/15/2010 2:00	137.3	1.92864	0.346	17.72	0.373	12.99	42.9024	105.0523634	105.105947	1.373034	105.085589	
2010	288	300	288.125000000		10/15/2010 3:00	137.85	1.93637	0.346	17.7	0.373	12.97	42.8852	105.0576022	105.111185	1.378534	105.091090	
2010	288	400	288.166666667		10/15/2010 4:00	137.97	1.93805	0.346	17.7	0.373	12.95	42.8814	105.0587452	105.112328	1.379734	105.092290	
2010	288	500	288.208333333		10/15/2010 5:00	138.2	1.94128	0.346	17.7	0.373	12.93	42.8742	105.060936	105.114519	1.382034	105.094590	
2010	288	600	288.250000000		10/15/2010 6:00	138.46	1.94494	0.346	17.74	0.373	12.91	42.8661	105.0634125	105.116996	1.384634	105.097190	
2010	288	700	288.291666667		10/15/2010 7:00	138.49	1.94536	0.346	17.7	0.373	13.92	42.8652	105.0636983	105.117282	1.384934	105.097490	
2010	288	800	288.333333333		10/15/2010 8:00	138.51	1.94564	0.346	17.72	0.373	13.87	42.8645	105.0638888	105.117472	1.385134	105.097690	
2010	288	900	288.375000000		10/15/2010 9:00	138.6	1.94690	0.346	17.72	0.373	13.8	42.8617	105.064746	105.118329	1.386034	105.098590	
2010	288	1000	288.416666667		10/15/2010 10:00	138.36	1.94353	0.346	17.71	0.373	13.72	42.8692	105.06246	105.116043	1.383634	105.096190	
2010	288	1100	288.458333333		10/15/2010 11:00	138.15	1.94058	0.346	17.72	0.373	13.68	42.8758	105.0604597	105.114043	1.381534	105.094090	
2010	288	1200	288.500000000		10/15/2010 12:00	137.88	1.93679	0.346	17.71	0.374	13.65	42.8842	105.057888	105.111471	1.378834	105.091390	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	288	1300	288.541666667		10/15/2010 13:00	137.69	1.93412	0.347	17.72	0.374	13.61	42.8902	105.0560782	105.109661	1.376934	105.089490	
2010	288	1400	288.583333333		10/15/2010 14:00	137.34	1.92920	0.346	17.7	0.374	13.6	42.9011	105.0527445	105.106328	1.373434	105.085989	
2010	288	1500	288.625000000		10/15/2010 15:00	137.02	1.92471	0.347	17.7	0.374	13.62	42.9111	105.0496964	105.103280	1.370234	105.082789	
2010	288	1600	288.666666667		10/15/2010 16:00	136.62	1.91909	0.347	17.69	0.374	13.67	42.9236	105.0458864	105.099470	1.366234	105.078789	
2010	288	1700	288.708333333		10/15/2010 17:00	136.28	1.91431	0.347	17.7	0.374	13.55	42.9342	105.0426479	105.096231	1.362834	105.075389	
2010	288	1800	288.750000000		10/15/2010 18:00	135.88	1.90870	0.347	17.71	0.374	13.44	42.9467	105.0388379	105.092421	1.358834	105.071389	
2010	288	1900	288.791666667		10/15/2010 19:00	135.53	1.90378	0.347	17.7	0.374	13.36	42.9577	105.0355041	105.089087	1.355333	105.067889	
2010	288	2000	288.833333333		10/15/2010 20:00	135.19	1.89900	0.347	17.7	0.374	13.31	42.9683	105.0322656	105.085849	1.351933	105.064489	
2010	288	2100	288.875000000		10/15/2010 21:00	134.74	1.89268	0.347	17.7	0.374	13.26	42.9824	105.0279793	105.081563	1.347433	105.059989	
2010	288	2200	288.916666667		10/15/2010 22:00	134.4	1.88791	0.347	17.71	0.374	13.21	42.9930	105.0247408	105.078324	1.344033	105.056589	
2010	288	2300	288.958333333		10/15/2010 23:00	134.01	1.88243	0.347	17.72	0.374	13.17	43.0052	105.021026	105.074609	1.340133	105.052689	
2010	288	2400	289.000000000		10/16/2010 0:00	133.57	1.87625	0.347	17.73	0.374	13.13	43.0189	105.016835	105.070418	1.335733	105.048289	
2010	289	100	289.041666667		10/16/2010 1:00	133.09	1.86950	0.347	17.71	0.374	13.09	43.0339	105.012263	105.065846	1.330933	105.043488	
2010	289	200	289.083333333		10/16/2010 2:00	132.87	1.86641	0.347	17.7	0.374	13.05	43.0408	105.0101675	105.063751	1.328733	105.041288	
2010	289	300	289.125000000		10/16/2010 3:00	132.52	1.86150	0.347	17.72	0.374	13.03	43.0517	105.0068337	105.060417	1.325233	105.037788	
2010	289	400	289.166666667		10/16/2010 4:00	132.26	1.85785	0.347	17.72	0.374	12.99	43.0599	105.0043572	105.057940	1.322633	105.035188	
2010	289	500	289.208333333		10/16/2010 5:00	132.07	1.85518	0.347	17.72	0.374	12.96	43.0658	105.0025474	105.056131	1.320733	105.033288	
2010	289	600	289.250000000		10/16/2010 6:00	131.98	1.85391	0.347	17.7	0.375	12.94	43.0686	105.0016902	105.055273	1.319833	105.032388	
2010	289	700	289.291666667		10/16/2010 7:00	131.87	1.85237	0.347	17.71	0.375	13.88	43.0720	105.0006424	105.054226	1.318733	105.031288	
2010	289	800	289.333333333		10/16/2010 8:00	131.75	1.85068	0.347	17.71	0.375	14.02	43.0758	104.9994994	105.053083	1.317532	105.030088	
2010	289	900	289.375000000		10/16/2010 9:00	131.7	1.84998	0.347	17.71	0.374	13.92	43.0774	104.9990231	105.052606	1.317032	105.029588	
2010	289	1000	289.416666667		10/16/2010 10:00	131.85	1.85209	0.347	17.7	0.374	13.83	43.0727	105.0004519	105.054035	1.318533	105.031088	
2010	289	1100	289.458333333		10/16/2010 11:00	131.98	1.85391	0.347	17.71	0.374	13.76	43.0686	105.0016902	105.055273	1.319833	105.032388	
2010	289	1200	289.500000000		10/16/2010 12:00	132.04	1.85475	0.347	17.73	0.374	13.72	43.0667	105.0022617	105.055845	1.320433	105.032988	
2010	289	1300	289.541666667		10/16/2010 13:00	132.13	1.85602	0.347	17.73	0.374	13.68	43.0639	105.0031189	105.056702	1.321333	105.033888	
2010	289	1400	289.583333333		10/16/2010 14:00	132.16	1.85644	0.347	17.73	0.374	13.65	43.0630	105.0034047	105.056988	1.321633	105.034188	
2010	289	1500	289.625000000		10/16/2010 15:00	132.04	1.85475	0.347	17.71	0.374	13.66	43.0667	105.0022617	105.055845	1.320433	105.032988	
2010	289	1600	289.666666667		10/16/2010 16:00	131.95	1.85349	0.347	17.74	0.374	13.7	43.0695	105.0014044	105.054988	1.319533	105.032088	
2010	289	1700	289.708333333		10/16/2010 17:00	131.77	1.85096	0.347	17.73	0.374	13.53	43.0752	104.9996899	105.053273	1.317732	105.030288	
2010	289	1800	289.750000000		10/16/2010 18:00	131.57	1.84815	0.347	17.72	0.374	13.42	43.0814	104.9977849	105.051368	1.315732	105.028288	
2010	289	1900	289.791666667		10/16/2010 19:00	131.31	1.84450	0.347	17.72	0.374	13.36	43.0895	104.9953084	105.048892	1.313132	105.025688	
2010	289	2000	289.833333333		10/16/2010 20:00	131.1	1.84155	0.347	17.73	0.374	13.31	43.0961	104.9933081	105.046891	1.311032	105.023588	
2010	289	2100	289.875000000		10/16/2010 21:00	130.75	1.83663	0.347	17.73	0.374	13.26	43.1070	104.9899743	105.043558	1.307532	105.020088	
2010	289	2200	289.916666667		10/16/2010 22:00	130.43	1.83214	0.347	17.7	0.374	13.21	43.1170	104.9869263	105.040510	1.304332	105.016888	
2010	289	2300	289.958333333		10/16/2010 23:00	130.11	1.82764	0.347	17.72	0.374	13.17	43.1270	104.9838783	105.037462	1.301132	105.013688	
2010	289	2400	290.000000000		10/17/2010 0:00	129.78	1.82301	0.347	17.73	0.374	13.13	43.1374	104.980735	105.034318	1.297832	105.010388	
2010	290	100	290.041666667		10/17/2010 1:00	129.5	1.81908	0.347	17.73	0.374	13.09	43.1461	104.978068	105.031651	1.295032	105.007588	
2010	290	200	290.083333333		10/17/2010 2:00	129.17	1.81444	0.347	17.72	0.374	13.04	43.1564	104.9749248	105.028508	1.291732	105.004287	
2010	290	300	290.125000000		10/17/2010 3:00	128.83	1.80966	0.347	17.72	0.375	13.02	43.1670	104.9716862	105.025270	1.288332	105.000887	
2010	290	400	290.166666667		10/17/2010 4:00	128.56	1.80587	0.347	17.7	0.374	12.98	43.1755	104.9691145	105.022698	1.285632	104.998187	
2010	290	500	290.208333333		10/17/2010 5:00	128.24	1.80138	0.347	17.72	0.374	12.95	43.1855	104.9660665	105.019650	1.282432	104.994987	
2010	290	600	290.250000000		10/17/2010 6:00	128.05	1.79871	0.347	17.71	0.374	12.93	43.1914	104.9642567	105.017840	1.280532	104.993087	
2010	290	700	290.291666667		10/17/2010 7:00	127.73	1.79421	0.347	17.72	0.374	14.16	43.2014	104.9612087	105.014792	1.277332	104.989887	
2010	290	800	290.333333333		10/17/2010 8:00	127.44	1.79014	0.347	17.72	0.374	14.12	43.2105	104.9584464	105.012030	1.274431	104.986987	
2010	290	900	290.375000000		10/17/2010 9:00	127.25	1.78747	0.347	17.71	0.375	13.98	43.2164	104.9566367	105.010220	1.272531	104.985087	
2010	290	1000	290.416666667		10/17/2010 10:00	127.3	1.78817	0.347	17.71	0.375	13.88	43.2149	104.9571129	105.010696	1.273031	104.985587	
2010	290	1100	290.458333333		10/17/2010 11:00	127.37	1.78916	0.347	17.72	0.374	13.81	43.2127	104.9577797	105.011363	1.273731	104.986287	
2010	290	1200	290.500000000		10/17/2010 12:00	127.29	1.78803	0.347	17.74	0.374	13.76	43.2152	104.9570177	105.010601	1.272931	104.985487	
2010	290	1300	290.541666667		10/17/2010 13:00	127.21	1.78691	0.347	17.73	0.374	13.7	43.2177	104.9562557	105.009839	1.272131	104.984687	
2010	290	1400	290.583333333		10/17/2010 14:00	127.14	1.78592	0.347	17.73	0.374	13.66	43.2199	104.9555889	105.009172	1.271431	104.983987	
2010	290	1500	290.625000000		10/17/2010 15:00	127.04	1.78452	0.347	17.74	0.375	13.65	43.2230	104.9546364	105.008220	1.270431	104.982987	
2010	290	1600	290.666666667		10/17/2010 16:00	126.85	1.78185	0.347	17.73	0.374	13.59	43.2289	104.9528266	105.006410	1.268531	104.981087	
2010	290	1700	290.708333333		10/17/2010 17:00	126.63	1.77876	0.347	17.73	0.374	13.47	43.2358	104.9507311	105.004314	1.266331	104.978887	
2010	290	1800	290.750000000		10/17/2010 18:00	126.44	1.77609	0.347	17.73	0.375	13.37	43.2417	104.9489214	105.002505	1.264431	104.976987	
2010	290	1900	290.791666667		10/17/2010 19:00	126.21	1.77286	0.347	17.72	0.375	13.32	43.2489	104.9467306	105.000314	1.262131	104.974687	
2010	290	2000	290.833333333		10/17/2010 20:00	125.92	1.76879	0.347	17.75	0.374	13.26	43.2580	104.9439683	104.997552	1.259231	104.971787	
2010	290	2100	290.875000000		10/17/2010 21:00	125.63	1.76471	0.347	17.75	0.374	13.21	43.2670	104.9412061	104.994789	1.256331	104.968887	
2010	290	2200	290.916666667		10/17/2010 22:00	125.36	1.76092	0.347	17.74	0.375	13.17	43.2755	104.9386343	104.992218	1.253631	104.966186	
2010	290	2300	290.958333333		10/17/2010 23:00	124.98	1.75558	0.347	17.72	0.375	13.13	43.2874	104.9350148	104.988598	1.249831	104.962386	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	290	2400	291.000000000		10/18/2010 0:00	124.66	1.75109	0.347	17.72	0.375	13.09	43.2974	104.9319668	104.985550	1.246631	104.959186	
2010	291	100	291.041666667		10/18/2010 1:00	124.37	1.74702	0.347	17.73	0.375	13.05	43.3064	104.9292045	104.982788	1.243731	104.956286	
2010	291	200	291.083333333		10/18/2010 2:00	124.08	1.74294	0.347	17.71	0.375	13.02	43.3155	104.9264422	104.980025	1.240831	104.953386	
2010	291	300	291.125000000		10/18/2010 3:00	123.89	1.74027	0.347	17.73	0.375	12.98	43.3214	104.9246325	104.978216	1.238931	104.951486	
2010	291	400	291.166666667		10/18/2010 4:00	123.73	1.73803	0.348	17.71	0.375	12.96	43.3264	104.9231085	104.976692	1.237331	104.949886	
2010	291	500	291.208333333		10/18/2010 5:00	123.7	1.73760	0.348	17.73	0.375	12.93	43.3274	104.9228227	104.976406	1.237031	104.949586	
2010	291	600	291.250000000		10/18/2010 6:00	123.72	1.73788	0.348	17.71	0.375	12.9	43.3267	104.9230132	104.976596	1.237231	104.949786	
2010	291	700	291.291666667		10/18/2010 7:00	123.91	1.74055	0.348	17.73	0.375	14.1	43.3208	104.924823	104.978406	1.239131	104.951686	
2010	291	800	291.333333333		10/18/2010 8:00	123.92	1.74069	0.348	17.73	0.375	14.02	43.3205	104.9249182	104.978501	1.239231	104.951786	
2010	291	900	291.375000000		10/18/2010 9:00	124.13	1.74364	0.348	17.76	0.375	13.94	43.3139	104.9269185	104.980502	1.241331	104.953886	
2010	291	1000	291.416666667		10/18/2010 10:00	124.28	1.74575	0.348	17.72	0.375	13.87	43.3092	104.9283473	104.981931	1.242831	104.955386	
2010	291	1100	291.458333333		10/18/2010 11:00	124.45	1.74814	0.348	17.74	0.375	13.8	43.3039	104.9299665	104.983550	1.244531	104.957086	
2010	291	1200	291.500000000		10/18/2010 12:00	124.59	1.75011	0.348	17.73	0.375	13.73	43.2995	104.9313	104.984883	1.245931	104.958486	
2010	291	1300	291.541666667		10/18/2010 13:00	124.77	1.75263	0.348	17.73	0.375	13.68	43.2939	104.9330145	104.986598	1.247731	104.960286	
2010	291	1400	291.583333333		10/18/2010 14:00	124.84	1.75362	0.348	17.73	0.375	13.63	43.2917	104.9336813	104.987265	1.248431	104.960986	
2010	291	1500	291.625000000		10/18/2010 15:00	124.81	1.75320	0.348	17.73	0.375	13.64	43.2927	104.9333955	104.986979	1.248131	104.960686	
2010	291	1600	291.666666667		10/18/2010 16:00	124.85	1.75376	0.348	17.74	0.375	13.66	43.2914	104.9337765	104.987360	1.248531	104.961086	
2010	291	1700	291.708333333		10/18/2010 17:00	124.78	1.75277	0.348	17.74	0.375	13.53	43.2936	104.9331098	104.986693	1.247831	104.960386	
2010	291	1800	291.750000000		10/18/2010 18:00	124.65	1.75095	0.348	17.73	0.375	13.42	43.2977	104.9318715	104.985455	1.246531	104.959086	
2010	291	1900	291.791666667		10/18/2010 19:00	124.47	1.74842	0.348	17.72	0.375	13.35	43.3033	104.930157	104.983740	1.244731	104.957286	
2010	291	2000	291.833333333		10/18/2010 20:00	124.38	1.74716	0.348	17.73	0.375	13.3	43.3061	104.9292998	104.982883	1.243831	104.956386	
2010	291	2100	291.875000000		10/18/2010 21:00	124.15	1.74392	0.348	17.76	0.375	13.24	43.3133	104.927109	104.980692	1.241531	104.954086	
2010	291	2200	291.916666667		10/18/2010 22:00	123.97	1.74140	0.348	17.76	0.375	13.19	43.3189	104.9253945	104.978978	1.239731	104.952286	
2010	291	2300	291.958333333		10/18/2010 23:00	123.8	1.73901	0.348	17.72	0.375	13.15	43.3242	104.9237752	104.977358	1.238031	104.950586	
2010	291	2400	292.000000000		10/19/2010 0:00	123.59	1.73606	0.348	17.74	0.375	13.11	43.3308	104.921775	104.975358	1.235930	104.948486	
2010	292	100	292.041666667		10/19/2010 1:00	123.42	1.73367	0.348	17.73	0.375	13.07	43.3361	104.9201557	104.973739	1.234230	104.946786	
2010	292	200	292.083333333		10/19/2010 2:00	123.33	1.73241	0.348	17.72	0.375	13.03	43.3389	104.9192985	104.972882	1.233330	104.945886	
2010	292	300	292.125000000		10/19/2010 3:00	123.36	1.73283	0.347	17.71	0.375	13	43.3380	104.9195842	104.973167	1.233630	104.946186	
2010	292	400	292.166666667		10/19/2010 4:00	123.49	1.73465	0.347	17.74	0.375	12.97	43.3339	104.9208225	104.974406	1.234930	104.947486	
2010	292	500	292.208333333		10/19/2010 5:00	123.74	1.73817	0.347	17.75	0.374	12.94	43.3261	104.9232037	104.976787	1.237431	104.949986	
2010	292	600	292.250000000		10/19/2010 6:00	124.11	1.74336	0.347	17.74	0.375	12.91	43.3145	104.926728	104.980311	1.241131	104.953686	
2010	292	700	292.291666667		10/19/2010 7:00	124.45	1.74814	0.347	17.74	0.375	14.1	43.3039	104.9299665	104.983550	1.244531	104.957086	
2010	292	800	292.333333333		10/19/2010 8:00	124.78	1.75277	0.347	17.72	0.375	14.04	43.2936	104.9331098	104.986693	1.247831	104.960386	
2010	292	900	292.375000000		10/19/2010 9:00	125.29	1.75994	0.348	17.76	0.375	13.94	43.2777	104.9379676	104.991551	1.252931	104.965486	
2010	292	1000	292.416666667		10/19/2010 10:00	125.73	1.76612	0.347	17.73	0.375	13.83	43.2639	104.9421586	104.995742	1.257331	104.969887	
2010	292	1100	292.458333333		10/19/2010 11:00	126.23	1.77314	0.347	17.73	0.374	13.75	43.2483	104.9469211	105.000504	1.262331	104.974887	
2010	292	1200	292.500000000		10/19/2010 12:00	126.68	1.77946	0.347	17.73	0.375	13.71	43.2342	104.9512074	105.004791	1.266831	104.979387	
2010	292	1300	292.541666667		10/19/2010 13:00	126.97	1.78354	0.347	17.76	0.374	13.64	43.2252	104.9539696	105.007553	1.269731	104.982287	
2010	292	1400	292.583333333		10/19/2010 14:00	127.22	1.78705	0.347	17.74	0.374	13.59	43.2174	104.9563509	105.009934	1.272231	104.984787	
2010	292	1500	292.625000000		10/19/2010 15:00	127.43	1.79000	0.347	17.76	0.374	13.57	43.2108	104.9583512	105.011934	1.274331	104.986887	
2010	292	1600	292.666666667		10/19/2010 16:00	127.55	1.79168	0.347	17.76	0.374	13.56	43.2070	104.9594942	105.013077	1.275531	104.988087	
2010	292	1700	292.708333333		10/19/2010 17:00	127.56	1.79182	0.347	17.76	0.374	13.42	43.2067	104.9595894	105.013173	1.275631	104.988187	
2010	292	1800	292.750000000		10/19/2010 18:00	127.47	1.79056	0.347	17.73	0.374	13.34	43.2095	104.9587322	105.012315	1.274731	104.987287	
2010	292	1900	292.791666667		10/19/2010 19:00	127.36	1.78902	0.347	17.75	0.374	13.28	43.2130	104.9576844	105.011268	1.273631	104.986187	
2010	292	2000	292.833333333		10/19/2010 20:00	127.16	1.78621	0.347	17.75	0.374	13.23	43.2192	104.9557794	105.009363	1.271631	104.984187	
2010	292	2100	292.875000000		10/19/2010 21:00	126.94	1.78312	0.347	17.73	0.374	13.18	43.2261	104.9536839	105.007267	1.269431	104.981987	
2010	292	2200	292.916666667		10/19/2010 22:00	126.67	1.77932	0.347	17.73	0.374	13.14	43.2345	104.9511121	105.004695	1.266731	104.979287	
2010	292	2300	292.958333333		10/19/2010 23:00	126.5	1.77693	0.347	17.75	0.374	13.09	43.2399	104.9494929	105.003076	1.265031	104.977587	
2010	292	2400	293.000000000		10/20/2010 0:00	126.13	1.77174	0.347	17.73	0.374	13.06	43.2514	104.9459686	104.999552	1.261331	104.973887	
2010	293	100	293.041666667		10/20/2010 1:00	125.84	1.76766	0.347	17.76	0.374	13.02	43.2605	104.9432063	104.996790	1.258431	104.970987	
2010	293	200	293.083333333		10/20/2010 2:00	125.52	1.76317	0.347	17.74	0.374	12.98	43.2705	104.9401583	104.993742	1.255231	104.967787	
2010	293	300	293.125000000		10/20/2010 3:00	125.29	1.75994	0.347	17.74	0.374	12.96	43.2777	104.9379676	104.991551	1.252931	104.965486	
2010	293	400	293.166666667		10/20/2010 4:00	125.15	1.75797	0.347	17.74	0.374	12.93	43.2820	104.936634	104.990217	1.251531	104.964086	
2010	293	500	293.208333333		10/20/2010 5:00	125.22	1.75895	0.347	17.73	0.374	12.9	43.2799	104.9373008	104.990884	1.252231	104.964786	
2010	293	600	293.250000000		10/20/2010 6:00	125.21	1.75881	0.346	17.74	0.374	12.88	43.2802	104.9372056	104.990789	1.252131	104.964686	
2010	293	700	293.291666667		10/20/2010 7:00	125.33	1.76050	0.346	17.74	0.374	14.08	43.2764	104.9383486	104.991932	1.253331	104.965886	
2010	293	800	293.333333333		10/20/2010 8:00	125.34	1.76064	0.347	17.73	0.374	14.02	43.2761	104.9384438	104.992027	1.253431	104.965986	
2010	293	900	293.375000000		10/20/2010 9:00	125.53	1.76331	0.347	17.72	0.374	13.92	43.2702	104.9402536	104.993837	1.255331	104.967887	
2010	293	1000	293.416666667		10/20/2010 10:00	125.76	1.76654	0.346	17.77	0.373	13.84	43.2630	104.9424443	104.996028	1.257631	104.970187	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	293	1100	293.458333333		10/20/2010 11:00	125.93	1.76893	0.346	17.77	0.373	13.75	43.2577	104.9440636	104.997647	1.259331	104.971887	
2010	293	1200	293.500000000		10/20/2010 12:00	126.07	1.77089	0.346	17.75	0.373	13.69	43.2533	104.9453971	104.998980	1.260731	104.973287	
2010	293	1300	293.541666667		10/20/2010 13:00	126.18	1.77244	0.346	17.77	0.373	13.65	43.2499	104.9464449	105.000028	1.261831	104.974387	
2010	293	1400	293.583333333		10/20/2010 14:00	126.29	1.77399	0.346	17.75	0.373	13.6	43.2464	104.9474926	105.001076	1.262931	104.975487	
2010	293	1500	293.625000000		10/20/2010 15:00	126.32	1.77441	0.346	17.76	0.373	13.6	43.2455	104.9477784	105.001362	1.263231	104.975787	
2010	293	1600	293.666666667		10/20/2010 16:00	126.32	1.77441	0.346	17.77	0.373	13.57	43.2455	104.9477784	105.001362	1.263231	104.975787	
2010	293	1700	293.708333333		10/20/2010 17:00	126.29	1.77399	0.346	17.75	0.373	13.42	43.2464	104.9474926	105.001076	1.262931	104.975487	
2010	293	1800	293.750000000		10/20/2010 18:00	126.14	1.77188	0.346	17.75	0.373	13.34	43.2511	104.9460639	104.999647	1.261431	104.973987	
2010	293	1900	293.791666667		10/20/2010 19:00	126	1.76991	0.346	17.75	0.373	13.28	43.2555	104.9447303	104.998314	1.260031	104.972587	
2010	293	2000	293.833333333		10/20/2010 20:00	125.88	1.76823	0.346	17.75	0.373	13.23	43.2592	104.9435873	104.997171	1.258831	104.971387	
2010	293	2100	293.875000000		10/20/2010 21:00	125.69	1.76556	0.346	17.75	0.373	13.18	43.2652	104.9417776	104.995361	1.256931	104.969487	
2010	293	2200	293.916666667		10/20/2010 22:00	125.52	1.76317	0.346	17.77	0.373	13.14	43.2705	104.9401583	104.993742	1.255231	104.967787	
2010	293	2300	293.958333333		10/20/2010 23:00	125.34	1.76064	0.346	17.77	0.373	13.1	43.2761	104.9384438	104.992027	1.253431	104.965986	
2010	293	2400	294.000000000		10/21/2010 0:00	125.1	1.75727	0.346	17.76	0.373	13.07	43.2836	104.9361578	104.989741	1.251031	104.963586	
2010	294	100	294.041666667		10/21/2010 1:00	124.97	1.75544	0.346	17.77	0.373	13.03	43.2877	104.9349195	104.988503	1.249731	104.962286	
2010	294	200	294.083333333		10/21/2010 2:00	124.82	1.75334	0.346	17.74	0.373	13	43.2924	104.9334908	104.987074	1.248231	104.960786	
2010	294	300	294.125000000		10/21/2010 3:00	124.71	1.75179	0.346	17.75	0.373	12.97	43.2958	104.932443	104.986026	1.247131	104.959686	
2010	294	400	294.166666667		10/21/2010 4:00	124.57	1.74982	0.345	17.74	0.373	12.94	43.3002	104.9311095	104.984693	1.245731	104.958286	
2010	294	500	294.208333333		10/21/2010 5:00	124.43	1.74786	0.345	17.72	0.373	12.91	43.3045	104.929776	104.983359	1.244331	104.956886	
2010	294	600	294.250000000		10/21/2010 6:00	124.31	1.74617	0.345	17.78	0.372	12.89	43.3083	104.928633	104.982216	1.243131	104.955686	
2010	294	700	294.291666667		10/21/2010 7:00	124.19	1.74449	0.346	17.76	0.373	13.13	43.3120	104.92749	104.981073	1.241931	104.954486	
2010	294	800	294.333333333		10/21/2010 8:00	123.94	1.74097	0.345	17.77	0.372	14.06	43.3199	104.9251087	104.978692	1.239431	104.951986	
2010	294	900	294.375000000		10/21/2010 9:00	123.72	1.73788	0.346	17.76	0.373	13.95	43.3267	104.9230132	104.976596	1.237231	104.949786	
2010	294	1000	294.416666667		10/21/2010 10:00	123.6	1.73620	0.346	17.76	0.372	13.84	43.3305	104.9218702	104.975453	1.236030	104.948586	
2010	294	1100	294.458333333		10/21/2010 11:00	123.51	1.73493	0.346	17.76	0.373	13.76	43.3333	104.921013	104.974596	1.235130	104.947686	
2010	294	1200	294.500000000		10/21/2010 12:00	123.3	1.73198	0.346	17.75	0.373	13.7	43.3399	104.9190127	104.972596	1.233030	104.945586	
2010	294	1300	294.541666667		10/21/2010 13:00	123.14	1.72974	0.346	17.77	0.372	13.63	43.3449	104.9174887	104.971072	1.231430	104.943986	
2010	294	1400	294.583333333		10/21/2010 14:00	122.93	1.72679	0.346	17.77	0.373	13.59	43.3514	104.9154884	104.969072	1.229330	104.941886	
2010	294	1500	294.625000000		10/21/2010 15:00	122.67	1.72314	0.345	17.76	0.372	13.58	43.3595	104.9130119	104.966595	1.226730	104.939286	
2010	294	1600	294.666666667		10/21/2010 16:00	122.51	1.72089	0.346	17.75	0.373	13.6	43.3645	104.9114879	104.965071	1.225130	104.937686	
2010	294	1700	294.708333333		10/21/2010 17:00	122.22	1.71681	0.345	17.75	0.372	13.43	43.3736	104.9087256	104.962309	1.222230	104.934786	
2010	294	1800	294.750000000		10/21/2010 18:00	121.91	1.71246	0.346	17.75	0.373	13.34	43.3833	104.9057729	104.959356	1.219130	104.931686	
2010	294	1900	294.791666667		10/21/2010 19:00	121.7	1.70951	0.346	17.75	0.373	13.28	43.3899	104.9037726	104.957356	1.217030	104.929586	
2010	294	2000	294.833333333		10/21/2010 20:00	121.39	1.70516	0.346	17.76	0.372	13.23	43.3995	104.9008198	104.954403	1.213930	104.926486	
2010	294	2100	294.875000000		10/21/2010 21:00	121.01	1.69982	0.346	17.77	0.372	13.18	43.4114	104.8972003	104.950784	1.210130	104.922685	
2010	294	2200	294.916666667		10/21/2010 22:00	120.73	1.69588	0.346	17.74	0.373	13.14	43.4202	104.8945333	104.948117	1.207330	104.919885	
2010	294	2300	294.958333333		10/21/2010 23:00	120.47	1.69223	0.346	17.75	0.373	13.1	43.4283	104.8920568	104.945640	1.204730	104.917285	
2010	294	2400	295.000000000		10/22/2010 0:00	120.13	1.68746	0.345	17.77	0.372	13.07	43.4389	104.8888183	104.942402	1.201330	104.913885	
2010	295	100	295.041666667		10/22/2010 1:00	119.84	1.68338	0.346	17.75	0.373	13.03	43.4480	104.886056	104.939639	1.198430	104.910985	
2010	295	200	295.083333333		10/22/2010 2:00	119.56	1.67945	0.346	17.75	0.373	13	43.4567	104.883389	104.936972	1.195629	104.908185	
2010	295	300	295.125000000		10/22/2010 3:00	119.36	1.67664	0.346	17.75	0.373	12.97	43.4630	104.881484	104.935067	1.193629	104.906185	
2010	295	400	295.166666667		10/22/2010 4:00	118.83	1.66920	0.346	17.77	0.373	12.94	43.4795	104.8764357	104.930019	1.188329	104.900885	
2010	295	500	295.208333333		10/22/2010 5:00	118.53	1.66498	0.346	17.75	0.373	12.92	43.4889	104.8735782	104.927161	1.185329	104.897885	
2010	295	600	295.250000000		10/22/2010 6:00	118.22	1.66063	0.346	17.77	0.373	12.91	43.4986	104.8706254	104.924209	1.182229	104.894785	
2010	295	700	295.291666667		10/22/2010 7:00	118.01	1.65768	0.346	17.76	0.373	13.75	43.5052	104.8686252	104.922208	1.180129	104.892685	
2010	295	800	295.333333333		10/22/2010 8:00	117.63	1.65234	0.346	17.76	0.373	13.78	43.5170	104.8650056	104.918589	1.176329	104.888885	
2010	295	900	295.375000000		10/22/2010 9:00	117.31	1.64784	0.346	17.76	0.373	13.76	43.5270	104.8619576	104.915541	1.173129	104.885685	
2010	295	1000	295.416666667		10/22/2010 10:00	116.97	1.64307	0.346	17.76	0.373	13.71	43.5377	104.8587191	104.912302	1.169729	104.882284	
2010	295	1100	295.458333333		10/22/2010 11:00	116.6	1.63787	0.346	17.76	0.373	13.68	43.5492	104.8551948	104.908778	1.166029	104.878584	
2010	295	1200	295.500000000		10/22/2010 12:00	116.33	1.63408	0.346	17.75	0.373	13.64	43.5577	104.8526231	104.906206	1.163329	104.875884	
2010	295	1300	295.541666667		10/22/2010 13:00	115.99	1.62930	0.346	17.75	0.373	13.61	43.5683	104.8493846	104.902968	1.159929	104.872484	
2010	295	1400	295.583333333		10/22/2010 14:00	115.65	1.62453	0.346	17.76	0.374	13.57	43.5789	104.846146	104.899729	1.156529	104.869084	
2010	295	1500	295.625000000		10/22/2010 15:00	115.32	1.61989	0.346	17.77	0.373	13.57	43.5892	104.8430028	104.896586	1.153228	104.865784	
2010	295	1600	295.666666667		10/22/2010 16:00	114.96	1.61483	0.346	17.77	0.373	13.5	43.6005	104.8395738	104.893157	1.149628	104.862184	
2010	295	1700	295.708333333		10/22/2010 17:00	114.63	1.61020	0.346	17.77	0.373	13.38	43.6108	104.8364305	104.890014	1.146328	104.858884	
2010	295	1800	295.750000000		10/22/2010 18:00	114.24	1.60472	0.347	17.77	0.374	13.3	43.6230	104.8327157	104.886299	1.142428	104.854984	
2010	295	1900	295.791666667		10/22/2010 19:00	113.91	1.60008	0.347	17.75	0.374	13.24	43.6333	104.8295724	104.883156	1.139128	104.851684	
2010	295	2000	295.833333333		10/22/2010 20:00	113.49	1.59418	0.347	17.77	0.374	13.19	43.6464	104.8255719	104.879155	1.134928	104.847484	
2010	295	2100	295.875000000		10/22/2010 21:00	113.18	1.58983	0.347	17.76	0.374	13.14	43.6561	104.8226192	104.876202	1.131828	104.844383	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	295	2200	295.916666667		10/22/2010 22:00	112.91	1.58604	0.347	17.75	0.374	13.1	43.6645	104.8200474	104.873631	1.129128	104.841683	
2010	295	2300	295.958333333		10/22/2010 23:00	112.54	1.58084	0.347	17.78	0.374	13.06	43.6761	104.8165231	104.870106	1.125428	104.837983	
2010	295	2400	296.000000000		10/23/2010 0:00	112.28	1.57719	0.347	17.77	0.374	13.03	43.6842	104.8140466	104.867630	1.122828	104.835383	
2010	296	100	296.041666667		10/23/2010 1:00	111.96	1.57269	0.347	17.77	0.374	13	43.6942	104.8109986	104.864582	1.119628	104.832183	
2010	296	200	296.083333333		10/23/2010 2:00	111.73	1.56946	0.347	17.78	0.374	12.97	43.7014	104.8088078	104.862391	1.117328	104.829883	
2010	296	300	296.125000000		10/23/2010 3:00	111.49	1.56609	0.347	17.77	0.374	12.95	43.7089	104.8065218	104.860105	1.114927	104.827483	
2010	296	400	296.166666667		10/23/2010 4:00	111.37	1.56441	0.347	17.77	0.374	12.93	43.7127	104.8053788	104.858962	1.113727	104.826283	
2010	296	500	296.208333333		10/23/2010 5:00	111.21	1.56216	0.347	17.78	0.374	12.91	43.7177	104.8038548	104.857438	1.112127	104.824683	
2010	296	600	296.250000000		10/23/2010 6:00	111.21	1.56216	0.347	17.76	0.374	12.9	43.7177	104.8038548	104.857438	1.112127	104.824683	
2010	296	700	296.291666667		10/23/2010 7:00	111.21	1.56216	0.347	17.75	0.374	12.9	43.7177	104.8038548	104.857438	1.112127	104.824683	
2010	296	800	296.333333333		10/23/2010 8:00	111.11	1.56075	0.347	17.77	0.374	13.5	43.7208	104.8029023	104.856486	1.111127	104.823683	
2010	296	900	296.375000000		10/23/2010 9:00	111.02	1.55949	0.347	17.77	0.375	13.84	43.7236	104.802045	104.855628	1.110227	104.822783	
2010	296	1000	296.416666667		10/23/2010 10:00	110.96	1.55865	0.347	17.77	0.374	13.82	43.7255	104.8014735	104.855057	1.109627	104.822183	
2010	296	1100	296.458333333		10/23/2010 11:00	110.8	1.55640	0.347	17.78	0.375	13.78	43.7305	104.7999495	104.853533	1.108027	104.820583	
2010	296	1200	296.500000000		10/23/2010 12:00	110.66	1.55443	0.348	17.78	0.375	13.76	43.7349	104.798616	104.852199	1.106627	104.819183	
2010	296	1300	296.541666667		10/23/2010 13:00	110.5	1.55218	0.347	17.76	0.375	13.71	43.7399	104.797092	104.850675	1.105027	104.817583	
2010	296	1400	296.583333333		10/23/2010 14:00	110.43	1.55120	0.347	17.76	0.375	13.7	43.7420	104.7964253	104.850009	1.104327	104.816883	
2010	296	1500	296.625000000		10/23/2010 15:00	110.18	1.54769	0.347	17.78	0.374	13.7	43.7499	104.794044	104.847627	1.101827	104.814383	
2010	296	1600	296.666666667		10/23/2010 16:00	110.05	1.54586	0.348	17.77	0.375	13.6	43.7539	104.7928057	104.846389	1.100527	104.813083	
2010	296	1700	296.708333333		10/23/2010 17:00	109.91	1.54390	0.348	17.77	0.375	13.47	43.7583	104.7914722	104.845055	1.099127	104.811683	
2010	296	1800	296.750000000		10/23/2010 18:00	109.69	1.54081	0.347	17.78	0.374	13.38	43.7652	104.7893767	104.842960	1.096927	104.809483	
2010	296	1900	296.791666667		10/23/2010 19:00	109.52	1.53842	0.347	17.77	0.375	13.32	43.7705	104.7877575	104.841341	1.095227	104.807783	
2010	296	2000	296.833333333		10/23/2010 20:00	109.41	1.53687	0.347	17.77	0.374	13.26	43.7739	104.7867097	104.840293	1.094127	104.806683	
2010	296	2100	296.875000000		10/23/2010 21:00	109.46	1.53758	0.347	17.77	0.374	13.21	43.7724	104.787186	104.840769	1.094627	104.807183	
2010	296	2200	296.916666667		10/23/2010 22:00	108.95	1.53041	0.347	17.8	0.374	13.16	43.7883	104.7823282	104.835911	1.089527	104.802082	
2010	296	2300	296.958333333		10/23/2010 23:00	108.84	1.52887	0.347	17.78	0.374	13.12	43.7917	104.7812804	104.834864	1.088427	104.800982	
2010	296	2400	297.000000000		10/24/2010 0:00	108.66	1.52634	0.347	17.78	0.374	13.08	43.7974	104.7795659	104.833149	1.086627	104.799182	
2010	297	100	297.041666667		10/24/2010 1:00	108.6	1.52550	0.347	17.77	0.375	13.05	43.7992	104.7789944	104.832578	1.086027	104.798582	
2010	297	200	297.083333333		10/24/2010 2:00	108.45	1.52339	0.347	17.78	0.374	13.02	43.8039	104.7775657	104.831149	1.084527	104.797082	
2010	297	300	297.125000000		10/24/2010 3:00	108.54	1.52465	0.347	17.78	0.374	12.99	43.8011	104.7784229	104.832006	1.085427	104.797982	
2010	297	400	297.166666667		10/24/2010 4:00	108.33	1.52170	0.347	17.78	0.374	12.97	43.8077	104.7764226	104.830006	1.083327	104.795882	
2010	297	500	297.208333333		10/24/2010 5:00	108.35	1.52198	0.347	17.77	0.374	12.95	43.8070	104.7766131	104.830196	1.083527	104.796082	
2010	297	600	297.250000000		10/24/2010 6:00	108.4	1.52269	0.347	17.77	0.375	12.93	43.8055	104.7770894	104.830673	1.084027	104.796582	
2010	297	700	297.291666667		10/24/2010 7:00	108.44	1.52325	0.347	17.77	0.374	12.92	43.8042	104.7774704	104.831054	1.084427	104.796982	
2010	297	800	297.333333333		10/24/2010 8:00	108.38	1.52240	0.347	17.77	0.374	13.71	43.8061	104.7768989	104.830482	1.083827	104.796382	
2010	297	900	297.375000000		10/24/2010 9:00	108.52	1.52437	0.347	17.78	0.374	13.76	43.8017	104.7782324	104.831816	1.085227	104.797782	
2010	297	1000	297.416666667		10/24/2010 10:00	108.59	1.52535	0.347	17.78	0.374	13.78	43.7995	104.7788992	104.832482	1.085927	104.798482	
2010	297	1100	297.458333333		10/24/2010 11:00	108.87	1.52929	0.347	17.77	0.374	13.78	43.7908	104.7815662	104.835149	1.088727	104.801282	
2010	297	1200	297.500000000		10/24/2010 12:00	109.06	1.53196	0.347	17.78	0.374	13.73	43.7849	104.7833759	104.836959	1.090627	104.803182	
2010	297	1300	297.541666667		10/24/2010 13:00	109.41	1.53687	0.347	17.78	0.374	13.73	43.7739	104.7867097	104.840293	1.094127	104.806683	
2010	297	1400	297.583333333		10/24/2010 14:00	109.38	1.53645	0.347	17.78	0.374	13.71	43.7749	104.786424	104.840007	1.093827	104.806383	
2010	297	1500	297.625000000		10/24/2010 15:00	109.67	1.54053	0.347	17.79	0.374	13.74	43.7658	104.7891862	104.842769	1.096727	104.809283	
2010	297	1600	297.666666667		10/24/2010 16:00	109.7	1.54095	0.347	17.77	0.374	13.78	43.7649	104.789472	104.843055	1.097027	104.809583	
2010	297	1700	297.708333333		10/24/2010 17:00	109.91	1.54390	0.347	17.78	0.374	13.59	43.7583	104.7914722	104.845055	1.099127	104.811683	
2010	297	1800	297.750000000		10/24/2010 18:00	110.17	1.54755	0.347	17.78	0.374	13.48	43.7502	104.7939487	104.847532	1.101727	104.814283	
2010	297	1900	297.791666667		10/24/2010 19:00	110.27	1.54895	0.347	17.77	0.374	13.4	43.7470	104.7949013	104.848485	1.102727	104.815283	
2010	297	2000	297.833333333		10/24/2010 20:00	110.18	1.54769	0.347	17.79	0.374	13.34	43.7499	104.794044	104.847627	1.101827	104.814383	
2010	297	2100	297.875000000		10/24/2010 21:00	110.25	1.54867	0.347	17.79	0.374	13.29	43.7477	104.7947108	104.848294	1.102527	104.815083	
2010	297	2200	297.916666667		10/24/2010 22:00	110.37	1.55036	0.347	17.79	0.374	13.23	43.7439	104.7958538	104.849437	1.103727	104.816283	
2010	297	2300	297.958333333		10/24/2010 23:00	110.45	1.55148	0.347	17.79	0.374	13.19	43.7414	104.7966158	104.850199	1.104527	104.817083	
2010	297	2400	298.000000000		10/25/2010 0:00	110.26	1.54881	0.347	17.78	0.374	13.15	43.7474	104.794806	104.848389	1.102627	104.815183	
2010	298	100	298.041666667		10/25/2010 1:00	110.39	1.55064	0.347	17.77	0.374	13.1	43.7433	104.7960443	104.849628	1.103927	104.816483	
2010	298	200	298.083333333		10/25/2010 2:00	111.11	1.56075	0.347	17.79	0.373	13.07	43.7208	104.8029023	104.856486	1.111127	104.823683	
2010	298	300	298.125000000		10/25/2010 3:00	110.86	1.55724	0.347	17.78	0.374	13.04	43.7286	104.800521	104.854104	1.108627	104.821183	
2010	298	400	298.166666667		10/25/2010 4:00	111.22	1.56230	0.347	17.8	0.373	13.01	43.7174	104.8039501	104.857533	1.112227	104.824783	
2010	298	500	298.208333333		10/25/2010 5:00	111.42	1.56511	0.346	17.78	0.373	12.98	43.7111	104.8058551	104.859438	1.114227	104.826783	
2010	298	600	298.250000000		10/25/2010 6:00	111.84	1.57101	0.346	17.78	0.373	12.96	43.6980	104.8098556	104.863439	1.118428	104.830983	
2010	298	700	298.291666667		10/25/2010 7:00	112.15	1.57536	0.346	17.79	0.373	12.94	43.6883	104.8128084	104.866392	1.121528	104.834083	
2010	298	800	298.333333333		10/25/2010 8:00	112.53	1.58070	0.346	17.78	0.373	12.92	43.6764	104.8164279	104.870011	1.125328	104.837883	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	298	900	298.375000000		10/25/2010 9:00	112.91	1.58604	0.346	17.79	0.373	13.5	43.6645	104.8200474	104.873631	1.129128	104.841683	
2010	298	1000	298.416666667		10/25/2010 10:00	113.16	1.58955	0.346	17.79	0.373	13.82	43.6567	104.8224287	104.876012	1.131628	104.844183	
2010	298	1100	298.458333333		10/25/2010 11:00	113.57	1.59531	0.346	17.79	0.373	13.8	43.6439	104.8263339	104.879917	1.135728	104.848284	
2010	298	1200	298.500000000		10/25/2010 12:00	113.63	1.59615	0.346	17.78	0.373	13.79	43.6420	104.8269054	104.880489	1.136328	104.848884	
2010	298	1300	298.541666667		10/25/2010 13:00	113.86	1.59938	0.346	17.79	0.373	13.78	43.6349	104.8290962	104.882679	1.138628	104.851184	
2010	298	1400	298.583333333		10/25/2010 14:00	113.8	1.59854	0.346	17.79	0.373	13.78	43.6367	104.8285247	104.882108	1.138028	104.850584	
2010	298	1500	298.625000000		10/25/2010 15:00	113.79	1.59840	0.346	17.79	0.373	13.78	43.6370	104.8284294	104.882013	1.137928	104.850484	
2010	298	1600	298.666666667		10/25/2010 16:00	114.42	1.60725	0.346	17.78	0.373	13.73	43.6174	104.8344302	104.888013	1.144228	104.856784	
2010	298	1700	298.708333333		10/25/2010 17:00	114.49	1.60823	0.345	17.78	0.372	13.57	43.6152	104.835097	104.888680	1.144928	104.857484	
2010	298	1800	298.750000000		10/25/2010 18:00	114.13	1.60317	0.345	17.78	0.372	13.46	43.6264	104.831668	104.885251	1.141328	104.853884	
2010	298	1900	298.791666667		10/25/2010 19:00	114	1.60135	0.345	17.8	0.372	13.39	43.6305	104.8304297	104.884013	1.140028	104.852584	
2010	298	2000	298.833333333		10/25/2010 20:00	113.87	1.59952	0.345	17.8	0.372	13.34	43.6345	104.8291914	104.882775	1.138728	104.851284	
2010	298	2100	298.875000000		10/25/2010 21:00	113.94	1.60051	0.345	17.79	0.372	13.28	43.6324	104.8298582	104.883441	1.139428	104.851984	
2010	298	2200	298.916666667		10/25/2010 22:00	113.87	1.59952	0.345	17.79	0.372	13.23	43.6345	104.8291914	104.882775	1.138728	104.851284	
2010	298	2300	298.958333333		10/25/2010 23:00	113.76	1.59798	0.345	17.79	0.372	13.17	43.6380	104.8281437	104.881727	1.137628	104.850184	
2010	298	2400	299.000000000		10/26/2010 0:00	113.82	1.59882	0.345	17.8	0.372	13.14	43.6361	104.8287152	104.882298	1.138228	104.850784	
2010	299	100	299.041666667		10/26/2010 1:00	113.86	1.59938	0.345	17.78	0.372	13.1	43.6349	104.8290962	104.882679	1.138628	104.851184	
2010	299	200	299.083333333		10/26/2010 2:00	113.88	1.59966	0.345	17.78	0.372	13.06	43.6342	104.8292867	104.882870	1.138828	104.851384	
2010	299	300	299.125000000		10/26/2010 3:00	114.07	1.60233	0.345	17.77	0.372	13.03	43.6283	104.8310965	104.884680	1.140728	104.853284	
2010	299	400	299.166666667		10/26/2010 4:00	114.3	1.60556	0.345	17.79	0.372	13	43.6211	104.8332872	104.886870	1.143028	104.855584	
2010	299	500	299.208333333		10/26/2010 5:00	114.72	1.61146	0.345	17.78	0.372	12.97	43.6080	104.8372877	104.890871	1.147228	104.859784	
2010	299	600	299.250000000		10/26/2010 6:00	115.02	1.61568	0.345	17.79	0.372	12.95	43.5986	104.8401453	104.893729	1.150228	104.862784	
2010	299	700	299.291666667		10/26/2010 7:00	115.45	1.62172	0.345	17.81	0.371	12.93	43.5852	104.844241	104.897824	1.154528	104.867084	
2010	299	800	299.333333333		10/26/2010 8:00	115.74	1.62579	0.345	17.78	0.371	13.91	43.5761	104.8470033	104.900587	1.157429	104.869984	
2010	299	900	299.375000000		10/26/2010 9:00	116.12	1.63113	0.345	17.78	0.371	13.92	43.5642	104.8506228	104.904206	1.161229	104.873784	
2010	299	1000	299.416666667		10/26/2010 10:00	116.54	1.63703	0.344	17.79	0.371	13.88	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	299	1100	299.458333333		10/26/2010 11:00	116.85	1.64138	0.344	17.78	0.371	13.81	43.5414	104.8575761	104.911159	1.168529	104.881084	
2010	299	1200	299.500000000		10/26/2010 12:00	117.17	1.64588	0.344	17.79	0.371	13.76	43.5314	104.8606241	104.914207	1.171729	104.884284	
2010	299	1300	299.541666667		10/26/2010 13:00	117.24	1.64686	0.344	17.78	0.371	13.76	43.5292	104.8612909	104.914874	1.172429	104.884984	
2010	299	1400	299.583333333		10/26/2010 14:00	117.5	1.65051	0.344	17.79	0.371	13.77	43.5211	104.8637674	104.917351	1.175029	104.887585	
2010	299	1500	299.625000000		10/26/2010 15:00	117.5	1.65051	0.344	17.79	0.371	13.81	43.5211	104.8637674	104.917351	1.175029	104.887585	
2010	299	1600	299.666666667		10/26/2010 16:00	117.67	1.65290	0.344	17.79	0.371	13.65	43.5158	104.8653866	104.918970	1.176729	104.889285	
2010	299	1700	299.708333333		10/26/2010 17:00	117.77	1.65431	0.344	17.77	0.371	13.53	43.5127	104.8663392	104.919922	1.177729	104.890285	
2010	299	1800	299.750000000		10/26/2010 18:00	117.7	1.65332	0.344	17.79	0.371	13.45	43.5149	104.8656724	104.919256	1.177029	104.889585	
2010	299	1900	299.791666667		10/26/2010 19:00	117.86	1.65557	0.344	17.77	0.371	13.38	43.5099	104.8671964	104.920780	1.178629	104.891185	
2010	299	2000	299.833333333		10/26/2010 20:00	117.84	1.65529	0.344	17.78	0.371	13.32	43.5105	104.8670059	104.920589	1.178429	104.890985	
2010	299	2100	299.875000000		10/26/2010 21:00	117.81	1.65487	0.344	17.79	0.371	13.27	43.5114	104.8667202	104.920303	1.178129	104.890685	
2010	299	2200	299.916666667		10/26/2010 22:00	117.79	1.65459	0.344	17.78	0.371	13.22	43.5120	104.8665297	104.920113	1.177929	104.890485	
2010	299	2300	299.958333333		10/26/2010 23:00	117.83	1.65515	0.344	17.78	0.371	13.17	43.5108	104.8669107	104.920494	1.178329	104.890885	
2010	299	2400	300.000000000		10/27/2010 0:00	117.7	1.65332	0.344	17.79	0.371	13.13	43.5149	104.8656724	104.919256	1.177029	104.889585	
2010	300	100	300.041666667		10/27/2010 1:00	117.62	1.65220	0.344	17.79	0.37	13.09	43.5174	104.8649104	104.918494	1.176229	104.888785	
2010	300	200	300.083333333		10/27/2010 2:00	117.57	1.65150	0.344	17.79	0.371	13.06	43.5189	104.8644341	104.918017	1.175729	104.888285	
2010	300	300	300.125000000		10/27/2010 3:00	117.55	1.65122	0.344	17.78	0.371	13.03	43.5195	104.8642436	104.917827	1.175529	104.888085	
2010	300	400	300.166666667		10/27/2010 4:00	117.54	1.65107	0.344	17.78	0.371	13	43.5199	104.8641484	104.917732	1.175429	104.887985	
2010	300	500	300.208333333		10/27/2010 5:00	117.6	1.65192	0.344	17.78	0.371	12.96	43.5180	104.8647199	104.918303	1.176029	104.888585	
2010	300	600	300.250000000		10/27/2010 6:00	117.7	1.65332	0.344	17.79	0.371	12.94	43.5149	104.8656724	104.919256	1.177029	104.889585	
2010	300	700	300.291666667		10/27/2010 7:00	117.81	1.65487	0.344	17.8	0.37	13.49	43.5114	104.8667202	104.920303	1.178129	104.890685	
2010	300	800	300.333333333		10/27/2010 8:00	117.92	1.65641	0.344	17.81	0.37	13.98	43.5080	104.8677679	104.921351	1.179229	104.891785	
2010	300	900	300.375000000		10/27/2010 9:00	117.95	1.65683	0.344	17.77	0.37	13.88	43.5070	104.8680537	104.921637	1.179529	104.892085	
2010	300	1000	300.416666667		10/27/2010 10:00	105.32	1.47942	0.344	17.8	0.37	13.81	43.9017	104.7477522	104.801335	1.053226	104.765782	
2010	300	1100	300.458333333		10/27/2010 11:00	103.41	1.45259	0.343	17.78	0.37	13.75	43.9614	104.7295594	104.783143	1.034126	104.746681	
2010	300	1200	300.500000000		10/27/2010 12:00	102.71	1.44276	0.344	17.78	0.37	13.71	43.9833	104.7228918	104.776475	1.027125	104.739681	
2010	300	1300	300.541666667		10/27/2010 13:00	102.6	1.44121	0.343	17.8	0.37	13.7	43.9867	104.7218441	104.775427	1.026025	104.738581	
2010	300	1400	300.583333333		10/27/2010 14:00	102.42	1.43869	0.343	17.79	0.37	13.68	43.9924	104.7201296	104.773713	1.024225	104.736781	
2010	300	1500	300.625000000		10/27/2010 15:00	102.25	1.43630	0.343	17.79	0.37	13.68	43.9977	104.7185103	104.772094	1.022525	104.735081	
2010	300	1600	300.666666667		10/27/2010 16:00	102.1	1.43419	0.343	17.77	0.37	13.67	44.0024	104.7170816	104.770665	1.021025	104.733581	
2010	300	1700	300.708333333		10/27/2010 17:00	102.03	1.43321	0.343	17.79	0.37	13.5	44.0045	104.7164148	104.769998	1.020325	104.732881	
2010	300	1800	300.750000000		10/27/2010 18:00	101.85	1.43068	0.343	17.78	0.37	13.4	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	300	1900	300.791666667		10/27/2010 19:00	101.6	1.42717	0.343	17.79	0.37	13.34	44.0180	104.712319	104.765902	1.016025	104.728581	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	300	2000	300.833333333		10/27/2010 20:00	101.39	1.42422	0.343	17.79	0.37	13.28	44.0245	104.7103188	104.763902	1.013925	104.726481	
2010	300	2100	300.875000000		10/27/2010 21:00	101.41	1.42450	0.343	17.78	0.37	13.23	44.0239	104.7105093	104.764093	1.014125	104.726681	
2010	300	2200	300.916666667		10/27/2010 22:00	100.87	1.41691	0.343	17.79	0.37	13.17	44.0408	104.7053657	104.758949	1.008725	104.721280	
2010	300	2300	300.958333333		10/27/2010 23:00	100.66	1.41396	0.343	17.77	0.37	13.13	44.0474	104.7033655	104.756949	1.006625	104.719180	
2010	300	2400	301.000000000		10/28/2010 0:00	100.55	1.41242	0.343	17.79	0.37	13.09	44.0508	104.7023177	104.755901	1.005525	104.718080	
2010	301	100	301.041666667		10/28/2010 1:00	100.46	1.41115	0.343	17.8	0.37	13.06	44.0536	104.7014605	104.755044	1.004625	104.717180	
2010	301	200	301.083333333		10/28/2010 2:00	100.33	1.40933	0.343	17.78	0.37	13.03	44.0577	104.7002222	104.753805	1.003325	104.715880	
2010	301	300	301.125000000		10/28/2010 3:00	100.46	1.41115	0.343	17.79	0.37	13	44.0536	104.7014605	104.755044	1.004625	104.717180	
2010	301	400	301.166666667		10/28/2010 4:00	100.91	1.41747	0.343	17.8	0.37	12.96	44.0395	104.7057468	104.759330	1.009125	104.721680	
2010	301	500	301.208333333		10/28/2010 5:00	101.22	1.42183	0.343	17.79	0.37	12.94	44.0299	104.7086995	104.762283	1.012225	104.724781	
2010	301	600	301.250000000		10/28/2010 6:00	78.993	1.10961	0.343	17.78	0.369	12.92	44.7245	104.4969862	104.550569	0.789949	104.502505	
2010	301	700	301.291666667		10/28/2010 7:00	79.202	1.11254	0.343	17.76	0.37	12.9	44.7179	104.4989769	104.552560	0.792040	104.504595	
2010	301	800	301.333333333		10/28/2010 8:00	79.286	1.11372	0.343	17.79	0.369	12.92	44.7153	104.499777	104.553360	0.792880	104.505435	
2010	301	900	301.375000000		10/28/2010 9:00	79.297	1.11388	0.343	17.78	0.37	13.36	44.7150	104.4998818	104.553465	0.792990	104.505545	
2010	301	1000	301.416666667		10/28/2010 10:00	80.006	1.12384	0.343	17.79	0.37	13.88	44.6928	104.506635	104.560218	0.800080	104.512635	
2010	301	1100	301.458333333		10/28/2010 11:00	80.106	1.12524	0.343	17.79	0.369	13.9	44.6897	104.5075875	104.561171	0.801080	104.513635	
2010	301	1200	301.500000000		10/28/2010 12:00	80.361	1.12882	0.343	17.78	0.369	13.87	44.6817	104.5100164	104.563600	0.803630	104.516185	
2010	301	1300	301.541666667		10/28/2010 13:00	80.927	1.13677	0.343	17.8	0.369	13.82	44.6640	104.5154076	104.568991	0.809290	104.521846	
2010	301	1400	301.583333333		10/28/2010 14:00	81.084	1.13898	0.343	17.79	0.369	13.81	44.6591	104.516903	104.570486	0.810860	104.523416	
2010	301	1500	301.625000000		10/28/2010 15:00	79.976	1.12342	0.343	17.78	0.369	13.82	44.6937	104.5063493	104.559933	0.799780	104.512335	
2010	301	1600	301.666666667		10/28/2010 16:00	80.255	1.12734	0.343	17.79	0.369	13.62	44.6850	104.5090068	104.562590	0.802570	104.515125	
2010	301	1700	301.708333333		10/28/2010 17:00	80.287	1.12778	0.342	17.79	0.369	13.52	44.6840	104.5093116	104.562895	0.802890	104.515445	
2010	301	1800	301.750000000		10/28/2010 18:00	79.884	1.12212	0.342	17.8	0.369	13.44	44.6966	104.505473	104.559056	0.798860	104.511415	
2010	301	1900	301.791666667		10/28/2010 19:00	79.901	1.12236	0.343	17.8	0.369	13.37	44.6961	104.5056349	104.559218	0.799030	104.511585	
2010	301	2000	301.833333333		10/28/2010 20:00	79.9	1.12235	0.343	17.8	0.369	13.32	44.6961	104.5056254	104.559209	0.799020	104.511575	
2010	301	2100	301.875000000		10/28/2010 21:00	79.854	1.12170	0.343	17.78	0.369	13.26	44.6975	104.5051872	104.558770	0.798560	104.511115	
2010	301	2200	301.916666667		10/28/2010 22:00	79.686	1.11934	0.343	17.79	0.369	13.21	44.7028	104.503587	104.557170	0.796880	104.509435	
2010	301	2300	301.958333333		10/28/2010 23:00	79.584	1.11791	0.343	17.79	0.369	13.17	44.7060	104.5026155	104.556199	0.795860	104.508415	
2010	301	2400	302.000000000		10/29/2010 0:00	79.453	1.11607	0.343	17.77	0.369	13.13	44.7101	104.5013677	104.554951	0.794550	104.507105	
2010	302	100	302.041666667		10/29/2010 1:00	80.015	1.12396	0.343	17.77	0.369	13.09	44.6925	104.5067208	104.560304	0.800170	104.512725	
2010	302	200	302.083333333		10/29/2010 2:00	79.711	1.11969	0.343	17.79	0.369	13.05	44.7020	104.5038251	104.557408	0.797130	104.509685	
2010	302	300	302.125000000		10/29/2010 3:00	79.393	1.11523	0.343	17.81	0.369	13.02	44.7120	104.5007962	104.554379	0.793950	104.506505	
2010	302	400	302.166666667		10/29/2010 4:00	79.602	1.11816	0.343	17.78	0.369	12.99	44.7054	104.5027869	104.556370	0.796040	104.508595	
2010	302	500	302.208333333		10/29/2010 5:00	79.852	1.12167	0.343	17.78	0.369	12.96	44.6976	104.5051682	104.558751	0.798540	104.511095	
2010	302	600	302.250000000		10/29/2010 6:00	80.102	1.12519	0.343	17.78	0.369	12.94	44.6898	104.5075494	104.561133	0.801040	104.513595	
2010	302	700	302.291666667		10/29/2010 7:00	80.69	1.13345	0.343	17.79	0.369	12.92	44.6714	104.5131502	104.566733	0.806920	104.519475	
2010	302	800	302.333333333		10/29/2010 8:00	81.628	1.14662	0.343	17.79	0.369	12.9	44.6421	104.5220847	104.575668	0.816300	104.528856	
2010	302	900	302.375000000		10/29/2010 9:00	81.063	1.13869	0.343	17.78	0.369	13.88	44.6598	104.516703	104.570286	0.810650	104.523206	
2010	302	1000	302.416666667		10/29/2010 10:00	81.033	1.13826	0.343	17.79	0.369	13.86	44.6607	104.5164173	104.570001	0.810350	104.522906	
2010	302	1100	302.458333333		10/29/2010 11:00	78.932	1.10875	0.343	17.79	0.369	13.82	44.7264	104.4964051	104.549988	0.789339	104.501895	
2010	302	1200	302.500000000		10/29/2010 12:00	87.13	1.22391	0.343	17.79	0.369	13.76	44.4702	104.5744915	104.628075	0.871321	104.583877	
2010	302	1300	302.541666667		10/29/2010 13:00	99.04	1.39121	0.343	17.79	0.369	13.75	44.0980	104.6879349	104.741518	0.990424	104.702980	
2010	302	1400	302.583333333		10/29/2010 14:00	80.676	1.13325	0.343	17.78	0.369	13.73	44.6719	104.5130168	104.566600	0.806780	104.519335	
2010	302	1500	302.625000000		10/29/2010 15:00	87.669	1.23148	0.343	17.78	0.369	13.71	44.4533	104.5796255	104.633209	0.876712	104.589267	
2010	302	1600	302.666666667		10/29/2010 16:00	103.74	1.45723	0.343	17.78	0.369	13.63	43.9511	104.7327027	104.786286	1.037426	104.749981	
2010	302	1700	302.708333333		10/29/2010 17:00	130.72	1.83621	0.343	17.79	0.369	13.51	43.1080	104.9896886	105.043272	1.307232	105.019788	
2010	302	1800	302.750000000		10/29/2010 18:00	141.23	1.98385	0.343	17.79	0.369	13.43	42.7795	105.0897969	105.143380	1.412335	105.124890	
2010	302	1900	302.791666667		10/29/2010 19:00	140.59	1.97486	0.343	17.78	0.369	13.36	42.7995	105.0837009	105.137284	1.405935	105.118490	
2010	302	2000	302.833333333		10/29/2010 20:00	139.66	1.96179	0.343	17.77	0.369	13.3	42.8286	105.0748426	105.128426	1.396634	105.109190	
2010	302	2100	302.875000000		10/29/2010 21:00	139.59	1.96081	0.343	17.79	0.369	13.25	42.8308	105.0741758	105.127759	1.395934	105.108490	
2010	302	2200	302.916666667		10/29/2010 22:00	143.25	2.01222	0.343	17.8	0.369	13.2	42.7164	105.1090375	105.162621	1.432535	105.145091	
2010	302	2300	302.958333333		10/29/2010 23:00	142.31	1.99902	0.342	17.78	0.369	13.16	42.7458	105.100084	105.153667	1.423135	105.135691	
2010	302	2400	303.000000000		10/30/2010 0:00	130.74	1.83649	0.342	17.79	0.369	13.12	43.1074	104.9898791	105.043462	1.307432	105.019988	
2010	303	100	303.041666667		10/30/2010 1:00	148.29	2.08302	0.342	17.79	0.369	13.08	42.5589	105.1570438	105.210627	1.482937	105.195492	
2010	303	200	303.083333333		10/30/2010 2:00	159.5	2.24048	0.343	17.78	0.369	13.04	42.2086	105.2638196	105.317403	1.595039	105.307595	
2010	303	300	303.125000000		10/30/2010 3:00	165.36	2.32280	0.342	17.79	0.369	13	42.0255	105.3196364	105.373220	1.653641	105.366196	
2010	303	400	303.166666667		10/30/2010 4:00	167.84	2.35763	0.342	17.8	0.369	12.97	41.9480	105.3432586	105.396842	1.678441	105.390997	
2010	303	500	303.208333333		10/30/2010 5:00	170.61	2.39654	0.342	17.79	0.369	12.95	41.8614	105.369643	105.423226	1.706142	105.418698	
2010	303	600	303.250000000		10/30/2010 6:00	171.78	2.41298	0.342	17.79	0.369	12.92	41.8248	105.3807873	105.434371	1.717842	105.430398	

Table D-12. Groundwater Elevations (Part 2 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	303	700	303.291666667		10/30/2010 7:00	172.71	2.42604	0.342	17.78	0.369	12.91	41.7958	105.3896456	105.443229	1.727143	105.439698	
2010	303	800	303.333333333		10/30/2010 8:00	172.74	2.42646	0.342	17.79	0.369	13.05	41.7948	105.3899313	105.443515	1.727443	105.439998	
2010	303	900	303.375000000		10/30/2010 9:00	172.4	2.42169	0.342	17.78	0.369	13.86	41.8055	105.3866928	105.440276	1.724043	105.436598	
2010	303	1000	303.416666667		10/30/2010 10:00	170.65	2.39711	0.342	17.77	0.369	13.96	41.8602	105.370024	105.423607	1.706542	105.419098	
2010	303	1100	303.458333333		10/30/2010 11:00	152.02	2.13541	0.342	17.79	0.369	13.95	42.4423	105.1925722	105.246155	1.520237	105.232793	
2010	303	1200	303.500000000		10/30/2010 12:00	149.99	2.10690	0.342	17.79	0.369	13.93	42.5058	105.1732364	105.226820	1.499937	105.212493	
2010	303	1300	303.541666667		10/30/2010 13:00	148.03	2.07937	0.342	17.8	0.369	13.92	42.5670	105.1545673	105.208151	1.480337	105.192892	
2010	303	1400	303.583333333		10/30/2010 14:00	147.05	2.06560	0.342	17.79	0.369	13.9	42.5977	105.1452327	105.198816	1.470536	105.183092	
2010	303	1500	303.625000000		10/30/2010 15:00	139.43	1.95856	0.342	17.79	0.369	13.88	42.8358	105.0726518	105.126235	1.394334	105.106890	
2010	303	1600	303.666666667		10/30/2010 16:00	138.22	1.94156	0.342	17.77	0.369	13.71	42.8736	105.0611265	105.114710	1.382234	105.094790	
2010	303	1700	303.708333333		10/30/2010 17:00	134.87	1.89451	0.342	17.78	0.369	13.58	42.9783	105.0292176	105.082801	1.348733	105.061289	
2010	303	1800	303.750000000		10/30/2010 18:00	131.53	1.84759	0.342	17.78	0.369	13.49	43.0827	104.9974039	105.050987	1.315332	105.027888	
2010	303	1900	303.791666667		10/30/2010 19:00	127.97	1.79758	0.342	17.79	0.369	13.42	43.1939	104.9634947	105.017078	1.279732	104.992287	
2010	303	2000	303.833333333		10/30/2010 20:00	121.98	1.71344	0.342	17.78	0.369	13.36	43.3811	104.9064396	104.960023	1.219830	104.932386	
2010	303	2100	303.875000000		10/30/2010 21:00	117.59	1.65178	0.342	17.79	0.369	13.31	43.5183	104.8646246	104.918208	1.175929	104.888485	
2010	303	2200	303.916666667		10/30/2010 22:00	114.15	1.60346	0.342	17.8	0.369	13.26	43.6258	104.8318585	104.885442	1.141528	104.854084	
2010	303	2300	303.958333333		10/30/2010 23:00	110.22	1.54825	0.342	17.79	0.369	13.21	43.7486	104.794425	104.848008	1.102227	104.814783	
2010	303	2400	304.000000000		10/31/2010 0:00	108.18	1.51960	0.342	17.78	0.369	13.16	43.8124	104.7749939	104.828577	1.081827	104.794382	
2010	304	100	304.041666667		10/31/2010 1:00	105.96	1.48841	0.342	17.79	0.369	13.12	43.8817	104.7538483	104.807432	1.059626	104.772182	
2010	304	200	304.083333333		10/31/2010 2:00	102.69	1.44248	0.342	17.79	0.369	13.09	43.9839	104.7227013	104.776285	1.026925	104.739481	
2010	304	300	304.125000000		10/31/2010 3:00	90.749	1.27474	0.342	17.79	0.369	13.05	44.3571	104.6089627	104.662546	0.907512	104.620068	
2010	304	400	304.166666667		10/31/2010 4:00	87.863	1.23420	0.342	17.78	0.369	13.02	44.4473	104.5814734	104.635057	0.878652	104.591207	
2010	304	500	304.208333333		10/31/2010 5:00	86.436	1.21416	0.342	17.79	0.369	12.98	44.4919	104.5678811	104.621464	0.864381	104.576937	
2010	304	600	304.250000000		10/31/2010 6:00	84.802	1.19121	0.342	17.78	0.369	12.95	44.5429	104.5523172	104.605900	0.848041	104.560596	
2010	304	700	304.291666667		10/31/2010 7:00	83.767	1.17667	0.342	17.78	0.369	12.95	44.5753	104.5424588	104.596042	0.837691	104.550246	
2010	304	800	304.333333333		10/31/2010 8:00	82.309	1.15619	0.342	17.79	0.369	13.89	44.6208	104.5285712	104.582154	0.823110	104.535666	
2010	304	900	304.375000000		10/31/2010 9:00	81.884	1.15022	0.342	17.8	0.368	13.85	44.6341	104.5245231	104.578106	0.818860	104.531416	
2010	304	1000	304.416666667		10/31/2010 10:00	81.511	1.14498	0.342	17.79	0.368	13.78	44.6458	104.5209702	104.574553	0.815130	104.527686	
2010	304	1100	304.458333333		10/31/2010 11:00	81.417	1.14366	0.342	17.79	0.369	13.74	44.6487	104.5200749	104.573658	0.814190	104.526746	
2010	304	1200	304.500000000		10/31/2010 12:00	81.31	1.14215	0.342	17.78	0.369	13.7	44.6520	104.5190557	104.572639	0.813120	104.525676	
2010	304	1300	304.541666667		10/31/2010 13:00	81.028	1.13819	0.342	17.8	0.369	13.68	44.6609	104.5163696	104.569953	0.810300	104.522856	
2010	304	1400	304.583333333		10/31/2010 14:00	80.955	1.13717	0.342	17.8	0.369	13.67	44.6631	104.5156743	104.569258	0.809570	104.522126	
2010	304	1500	304.625000000		10/31/2010 15:00	80.606	1.13227	0.342	17.78	0.368	13.69	44.6740	104.5123501	104.565933	0.806080	104.518635	
2010	304	1600	304.666666667		10/31/2010 16:00	80.378	1.12906	0.342	17.78	0.368	13.66	44.6812	104.5101784	104.563762	0.803800	104.516355	
2010	304	1700	304.708333333		10/31/2010 17:00	82.311	1.15622	0.342	17.79	0.368	13.5	44.6208	104.5285903	104.582174	0.823130	104.535686	
2010	304	1800	304.750000000		10/31/2010 18:00	80.346	1.12861	0.342	17.79	0.368	13.42	44.6822	104.5098736	104.563457	0.803480	104.516035	
2010	304	1900	304.791666667		10/31/2010 19:00	79.752	1.12027	0.342	17.79	0.368	13.35	44.7007	104.5042157	104.557799	0.797540	104.510095	
2010	304	2000	304.833333333		10/31/2010 20:00	79.45	1.11603	0.342	17.8	0.368	13.29	44.7102	104.5013391	104.554922	0.794520	104.507075	
2010	304	2100	304.875000000		10/31/2010 21:00	78.966	1.10923	0.342	17.79	0.368	13.24	44.7253	104.496729	104.550312	0.789679	104.502235	
2010	304	2200	304.916666667		10/31/2010 22:00	78.561	1.10354	0.342	17.78	0.369	13.19	44.7380	104.4928713	104.546455	0.785629	104.498185	
2010	304	2300	304.958333333		10/31/2010 23:00	78.266	1.09940	0.342	17.8	0.368	13.15	44.7472	104.4900614	104.543645	0.782679	104.495235	
2010	304	2400	305.000000000		11/01/2010 0:00	78.031	1.09609	0.342	17.79	0.368	13.11	44.7545	104.4878231	104.541406	0.780329	104.492885	
2010	305	100	305.041666667		11/01/2010 1:00	77.736	1.09195	0.342	17.78	0.369	13.06	44.7637	104.4850132	104.538596	0.777379	104.489935	
2010	305	200	305.083333333		11/01/2010 2:00	77.413	1.08741	0.342	17.79	0.368	13.03	44.7738	104.4819366	104.535520	0.774149	104.486705	
2010	305	300	305.125000000		11/01/2010 3:00	77.288	1.08566	0.342	17.79	0.368	13.01	44.7777	104.4807459	104.534329	0.772899	104.485455	
2010	305	400	305.166666667		11/01/2010 4:00	77.286	1.08563	0.342	17.77	0.369	12.97	44.7778	104.4807269	104.534310	0.772879	104.485435	
2010	305	500	305.208333333		11/01/2010 5:00	77.192	1.08431	0.342	17.79	0.368	12.94	44.7807	104.4798315	104.533415	0.771939	104.484495	
2010	305	600	305.250000000		11/01/2010 6:00	77.331	1.08626	0.342	17.78	0.369	12.92	44.7764	104.4811555	104.534739	0.773329	104.485885	
2010	305	700	305.291666667		11/01/2010 7:00	77.333	1.08629	0.342	17.78	0.369	12.9	44.7763	104.4811746	104.534758	0.773349	104.485905	
2010	305	800	305.333333333		11/01/2010 8:00	77.382	1.08698	0.342	17.8	0.368	12.9	44.7748	104.4816413	104.535225	0.773839	104.486395	
2010	305	900	305.375000000		11/01/2010 9:00	77.781	1.09258	0.342	17.79	0.368	13.8	44.7623	104.4854418	104.539025	0.777829	104.490385	
2010	305	1000	305.416666667		11/01/2010 10:00	77.805	1.09292	0.342	17.79	0.368	13.75	44.7616	104.4856704	104.539254	0.778069	104.490625	
2010	305	1100	305.458333333		11/01/2010 11:00	77.712	1.09161	0.342	17.78	0.369	13.71	44.7645	104.4847846	104.538368	0.777139	104.489695	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2007	24	1156	24.497222222	01/24/2007 11:56	01/24/2007 10:56	79.943	1.13625					42.9721	105.4601153	105.460000	0.799430	105.460000	Voltage reading taken during water-level measurement
2009	365	2400	366.000000000	01/01/2010 0:00	12/31/2009 23:00	62.517	0.88857	0.387	16.4	0.423	13.17	43.7517	105.2224769	105.222362	0.625170	105.285740	
2010	1	100	1.041666667	01/01/2010 1:00	01/01/2010 0:00	62.541	0.88891	0.387	16.41	0.423	13.12	43.7509	105.2227164	105.222601	0.625410	105.285980	
2010	1	200	1.083333333	01/01/2010 2:00	01/01/2010 1:00	62.81	0.89273	0.387	16.4	0.423	13.08	43.7421	105.2254001	105.225285	0.628100	105.288670	
2010	1	300	1.125000000	01/01/2010 3:00	01/01/2010 2:00	63.246	0.89893	0.387	16.41	0.423	13.04	43.7279	105.2297499	105.229635	0.632460	105.293030	
2010	1	400	1.166666667	01/01/2010 4:00	01/01/2010 3:00	63.559	0.90338	0.387	16.39	0.423	12.99	43.7176	105.2328726	105.232757	0.635590	105.296160	
2010	1	500	1.208333333	01/01/2010 5:00	01/01/2010 4:00	63.904	0.90828	0.387	16.4	0.423	12.95	43.7063	105.2363145	105.236199	0.639040	105.299610	
2010	1	600	1.250000000	01/01/2010 6:00	01/01/2010 5:00	64.527	0.91714	0.386	16.4	0.423	12.92	43.6859	105.2425299	105.242415	0.645270	105.305840	
2010	1	700	1.291666667	01/01/2010 7:00	01/01/2010 6:00	65.198	0.92667	0.387	16.39	0.423	12.89	43.6640	105.2492242	105.249109	0.651980	105.312550	
2010	1	800	1.333333333	01/01/2010 8:00	01/01/2010 7:00	65.927	0.93704	0.386	16.39	0.423	12.86	43.6401	105.2564972	105.256382	0.659270	105.319840	
2010	1	900	1.375000000	01/01/2010 9:00	01/01/2010 8:00	66.246	0.94157	0.386	16.4	0.422	12.9	43.6297	105.2596797	105.259564	0.662460	105.323030	
2010	1	1000	1.416666667	01/01/2010 10:00	01/01/2010 9:00	66.386	0.94356	0.386	16.4	0.423	14.06	43.6251	105.2610764	105.260961	0.663860	105.324430	
2010	1	1100	1.458333333	01/01/2010 11:00	01/01/2010 10:00	66.465	0.94468	0.386	16.4	0.423	14.05	43.6225	105.2618646	105.261749	0.664650	105.325220	
2010	1	1200	1.500000000	01/01/2010 12:00	01/01/2010 11:00	66.864	0.95035	0.386	16.4	0.422	14.04	43.6094	105.2658452	105.265730	0.668640	105.329210	
2010	1	1300	1.541666667	01/01/2010 13:00	01/01/2010 12:00	66.064	0.93898	0.386	16.41	0.422	14.06	43.6356	105.257864	105.257749	0.660640	105.321210	
2010	1	1400	1.583333333	01/01/2010 14:00	01/01/2010 13:00	65.768	0.93478	0.386	16.4	0.423	14.06	43.6453	105.2549109	105.254796	0.657680	105.318250	
2010	1	1500	1.625000000	01/01/2010 15:00	01/01/2010 14:00	65.421	0.92984	0.387	16.4	0.423	14.04	43.6567	105.251449	105.251334	0.654210	105.314780	
2010	1	1600	1.666666667	01/01/2010 16:00	01/01/2010 15:00	64.537	0.91728	0.387	16.4	0.423	14.03	43.6856	105.2426297	105.242514	0.645370	105.305940	
2010	1	1700	1.708333333	01/01/2010 17:00	01/01/2010 16:00	64.312	0.91408	0.387	16.39	0.423	13.77	43.6930	105.2403849	105.240270	0.643120	105.303690	
2010	1	1800	1.750000000	01/01/2010 18:00	01/01/2010 17:00	63.418	0.90137	0.387	16.39	0.423	13.66	43.7222	105.2314659	105.231351	0.634180	105.294750	
2010	1	1900	1.791666667	01/01/2010 19:00	01/01/2010 18:00	62.795	0.89252	0.387	16.41	0.423	13.56	43.7426	105.2252504	105.225135	0.627950	105.288520	
2010	1	2000	1.833333333	01/01/2010 20:00	01/01/2010 19:00	62.165	0.88357	0.387	16.4	0.423	13.49	43.7632	105.2189652	105.218850	0.621650	105.282220	
2010	1	2100	1.875000000	01/01/2010 21:00	01/01/2010 20:00	61.704	0.87701	0.387	16.42	0.423	13.41	43.7783	105.214366	105.214251	0.617040	105.277610	
2010	1	2200	1.916666667	01/01/2010 22:00	01/01/2010 21:00	60.989	0.86685	0.387	16.4	0.423	13.35	43.8017	105.2072327	105.207117	0.609890	105.270460	
2010	1	2300	1.958333333	01/01/2010 23:00	01/01/2010 22:00	60.353	0.85781	0.387	16.39	0.423	13.28	43.8225	105.2008876	105.200772	0.603530	105.264100	
2010	1	2400	2.000000000	01/02/2010 0:00	01/01/2010 23:00	60.211	0.85579	0.387	16.4	0.423	13.23	43.8272	105.1994709	105.199356	0.602110	105.262680	
2010	2	100	2.041666667	01/02/2010 1:00	01/02/2010 0:00	59.577	0.84678	0.387	16.41	0.423	13.18	43.8479	105.1931457	105.193030	0.595770	105.256340	
2010	2	200	2.083333333	01/02/2010 2:00	01/02/2010 1:00	59.05	0.83929	0.387	16.39	0.423	13.13	43.8652	105.1878881	105.187773	0.590500	105.251070	
2010	2	300	2.125000000	01/02/2010 3:00	01/02/2010 2:00	58.429	0.83046	0.387	16.4	0.424	13.08	43.8855	105.1816926	105.181577	0.584290	105.244860	
2010	2	400	2.166666667	01/02/2010 4:00	01/02/2010 3:00	58.018	0.82462	0.387	16.41	0.423	13.04	43.8990	105.1775922	105.177477	0.580180	105.240750	
2010	2	500	2.208333333	01/02/2010 5:00	01/02/2010 4:00	57.572	0.81828	0.387	16.4	0.424	12.99	43.9136	105.1731426	105.173027	0.575720	105.236290	
2010	2	600	2.250000000	01/02/2010 6:00	01/02/2010 5:00	57.244	0.81362	0.387	16.41	0.424	12.96	43.9243	105.1698703	105.169755	0.572440	105.233010	
2010	2	700	2.291666667	01/02/2010 7:00	01/02/2010 6:00	56.68	0.80561	0.387	16.41	0.424	12.94	43.9428	105.1642435	105.164128	0.566800	105.227370	
2010	2	800	2.333333333	01/02/2010 8:00	01/02/2010 7:00	56.158	0.79819	0.388	16.41	0.424	12.91	43.9599	105.1590357	105.158920	0.561580	105.222150	
2010	2	900	2.375000000	01/02/2010 9:00	01/02/2010 8:00	55.534	0.78932	0.388	16.4	0.424	13.03	43.9803	105.1528103	105.152695	0.555340	105.215910	
2010	2	1000	2.416666667	01/02/2010 10:00	01/02/2010 9:00	55.028	0.78213	0.388	16.39	0.424	13.88	43.9968	105.1477622	105.147647	0.550280	105.210850	
2010	2	1100	2.458333333	01/02/2010 11:00	01/02/2010 10:00	54.619	0.77631	0.388	16.4	0.424	13.88	44.0102	105.1436817	105.143566	0.546190	105.206760	
2010	2	1200	2.500000000	01/02/2010 12:00	01/02/2010 11:00	53.984	0.76729	0.388	16.4	0.424	13.86	44.0310	105.1373466	105.137231	0.539840	105.200410	
2010	2	1300	2.541666667	01/02/2010 13:00	01/02/2010 12:00	53.443	0.75960	0.387	16.4	0.424	13.84	44.0487	105.1319492	105.131834	0.534430	105.195000	
2010	2	1400	2.583333333	01/02/2010 14:00	01/02/2010 13:00	53.237	0.75667	0.387	16.42	0.424	13.83	44.0555	105.1298941	105.129779	0.532370	105.192940	
2010	2	1500	2.625000000	01/02/2010 15:00	01/02/2010 14:00	52.865	0.75138	0.387	16.39	0.424	13.85	44.0676	105.1261828	105.126067	0.528650	105.189220	
2010	2	1600	2.666666667	01/02/2010 16:00	01/02/2010 15:00	52.621	0.74791	0.387	16.4	0.424	13.72	44.0756	105.1237485	105.123633	0.526210	105.186780	
2010	2	1700	2.708333333	01/02/2010 17:00	01/02/2010 16:00	52.259	0.74277	0.387	16.41	0.424	13.58	44.0875	105.1201369	105.120022	0.522590	105.183160	
2010	2	1800	2.750000000	01/02/2010 18:00	01/02/2010 17:00	51.934	0.73815	0.387	16.41	0.424	13.49	44.0981	105.1168945	105.116779	0.519340	105.179910	
2010	2	1900	2.791666667	01/02/2010 19:00	01/02/2010 18:00	51.468	0.73153	0.387	16.4	0.424	13.41	44.1134	105.1122454	105.112130	0.514680	105.175250	
2010	2	2000	2.833333333	01/02/2010 20:00	01/02/2010 19:00	51.061	0.72574	0.387	16.42	0.423	13.36	44.1267	105.108185	105.108070	0.510610	105.171180	
2010	2	2100	2.875000000	01/02/2010 21:00	01/02/2010 20:00	50.78	0.72175	0.387	16.42	0.423	13.3	44.1359	105.1053815	105.105266	0.507800	105.168370	
2010	2	2200	2.916666667	01/02/2010 22:00	01/02/2010 21:00	50.499	0.71775	0.387	16.4	0.423	13.24	44.1451	105.1025781	105.102463	0.504990	105.165560	
2010	2	2300	2.958333333	01/02/2010 23:00	01/02/2010 22:00	50.064	0.71157	0.387	16.42	0.423	13.19	44.1593	105.0982383	105.098123	0.500640	105.161210	
2010	2	2400	3.000000000	01/03/2010 0:00	01/02/2010 23:00	49.725	0.70675	0.387	16.41	0.423	13.14	44.1704	105.0948562	105.094741	0.497250	105.157820	
2010	3	100	3.041666667	01/03/2010 1:00	01/03/2010 0:00	49.489	0.70340	0.387	16.42	0.423	13.1	44.1781	105.0925017	105.092386	0.494890	105.155460	
2010	3	200	3.083333333	01/03/2010 2:00	01/03/2010 1:00	49.269	0.70027	0.387	16.41	0.423	13.06	44.1853	105.0903069	105.090192	0.492690	105.153260	
2010	3	300	3.125000000	01/03/2010 3:00	01/03/2010 2:00	49.05	0.69716	0.387	16.41	0.423	13.01	44.1925	105.088122	105.088007	0.490500	105.151070	
2010	3	400	3.166666667	01/03/2010 4:00	01/03/2010 3:00	48.965	0.69595	0.387	16.42	0.423	12.97	44.1953	105.087274	105.087159	0.489650	105.150220	
2010	3	500	3.208333333	01/03/2010 5:00	01/03/2010 4:00	48.753	0.69294	0.387	16.41	0.423	12.93	44.2022	105.085159	105.085044	0.487530	105.148100	
2010	3	600	3.250000000	01/03/2010 6:00	01/03/2010 5:00	48.578	0.69045	0.387	16.41	0.423	12.9	44.2080	105.0834131	105.083298	0.485780	105.146350	
2010	3	700	3.291666667	01/03/2010 7:00	01/03/2010 6:00	48.319	0.68677	0.387	16.39	0.423	12.87	44.2164	105.0808291	105.080714	0.483190	105.143760	
2010	3	800	3.333333333	01/03/2010 8:00	01/03/2010 7:00	48.006	0.68232	0.387	16.42	0.423	12.85	44.2267	105.0777064	105.077591	0.480060	105.140630	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	3	900	3.375000000	01/03/2010 9:00	01/03/2010 8:00	47.581	0.67628	0.387	16.42	0.423	13.48	44.2406	105.0734664	105.073351	0.475810	105.136380	
2010	3	1000	3.416666667	01/03/2010 10:00	01/03/2010 9:00	47.135	0.66994	0.387	16.41	0.423	14.08	44.2552	105.0690168	105.068901	0.471350	105.131920	
2010	3	1100	3.458333333	01/03/2010 11:00	01/03/2010 10:00	46.828	0.66558	0.386	16.4	0.423	14.06	44.2652	105.065954	105.065839	0.468280	105.128850	
2010	3	1200	3.500000000	01/03/2010 12:00	01/03/2010 11:00	46.391	0.65937	0.386	16.41	0.423	14.05	44.2795	105.0615942	105.061479	0.463910	105.124480	
2010	3	1300	3.541666667	01/03/2010 13:00	01/03/2010 12:00	46.13	0.65566	0.386	16.42	0.423	14.03	44.2881	105.0589903	105.058875	0.461300	105.121870	
2010	3	1400	3.583333333	01/03/2010 14:00	01/03/2010 13:00	45.67	0.64912	0.386	16.42	0.422	14.01	44.3031	105.0544011	105.054286	0.456700	105.117270	
2010	3	1500	3.625000000	01/03/2010 15:00	01/03/2010 14:00	45.292	0.64375	0.386	16.43	0.422	13.89	44.3155	105.0506299	105.050515	0.452920	105.113490	
2010	3	1600	3.666666667	01/03/2010 16:00	01/03/2010 15:00	44.983	0.63935	0.386	16.43	0.422	13.72	44.3256	105.0475472	105.047432	0.449830	105.110400	
2010	3	1700	3.708333333	01/03/2010 17:00	01/03/2010 16:00	44.717	0.63557	0.386	16.41	0.423	13.6	44.3343	105.0448934	105.044778	0.447170	105.107740	
2010	3	1800	3.750000000	01/03/2010 18:00	01/03/2010 17:00	44.356	0.63044	0.386	16.42	0.422	13.53	44.3462	105.0412918	105.041176	0.443560	105.104130	
2010	3	1900	3.791666667	01/03/2010 19:00	01/03/2010 18:00	43.921	0.62426	0.386	16.41	0.423	13.46	44.3604	105.036952	105.036837	0.439210	105.099780	
2010	3	2000	3.833333333	01/03/2010 20:00	01/03/2010 19:00	43.651	0.62042	0.386	16.42	0.422	13.39	44.3692	105.0342583	105.034143	0.436510	105.097080	
2010	3	2100	3.875000000	01/03/2010 21:00	01/03/2010 20:00	43.287	0.61525	0.386	16.41	0.422	13.33	44.3811	105.0306269	105.030512	0.432870	105.093440	
2010	3	2200	3.916666667	01/03/2010 22:00	01/03/2010 21:00	42.935	0.61024	0.386	16.41	0.422	13.27	44.3927	105.0271151	105.027000	0.429350	105.089920	
2010	3	2300	3.958333333	01/03/2010 23:00	01/03/2010 22:00	42.629	0.60590	0.386	16.42	0.422	13.22	44.4027	105.0240622	105.023947	0.426290	105.086860	
2010	3	2400	4.000000000	01/04/2010 0:00	01/03/2010 23:00	42.207	0.59990	0.386	16.42	0.422	13.17	44.4165	105.0198521	105.019737	0.422070	105.082640	
2010	4	100	4.041666667	01/04/2010 1:00	01/04/2010 0:00	42.049	0.59765	0.386	16.4	0.422	13.12	44.4217	105.0182758	105.018160	0.420490	105.081060	
2010	4	200	4.083333333	01/04/2010 2:00	01/04/2010 1:00	41.573	0.59089	0.386	16.42	0.423	13.08	44.4372	105.013527	105.013412	0.415730	105.076300	
2010	4	300	4.125000000	01/04/2010 3:00	01/04/2010 2:00	41.446	0.58908	0.386	16.41	0.422	13.03	44.4414	105.0122599	105.012145	0.414460	105.075030	
2010	4	400	4.166666667	01/04/2010 4:00	01/04/2010 3:00	41.399	0.58841	0.386	16.41	0.422	13	44.4429	105.011791	105.011676	0.413990	105.074560	
2010	4	500	4.208333333	01/04/2010 5:00	01/04/2010 4:00	41.406	0.58851	0.386	16.4	0.423	12.96	44.4427	105.0118609	105.011746	0.414060	105.074630	
2010	4	600	4.250000000	01/04/2010 6:00	01/04/2010 5:00	41.406	0.58851	0.386	16.41	0.423	12.93	44.4427	105.0118609	105.011746	0.414060	105.074630	
2010	4	700	4.291666667	01/04/2010 7:00	01/04/2010 6:00	41.321	0.58730	0.386	16.44	0.422	12.9	44.4455	105.0110128	105.010898	0.413210	105.073780	
2010	4	800	4.333333333	01/04/2010 8:00	01/04/2010 7:00	41.263	0.58648	0.386	16.4	0.423	12.87	44.4474	105.0104342	105.010319	0.412630	105.073200	
2010	4	900	4.375000000	01/04/2010 9:00	01/04/2010 8:00	41.19	0.58544	0.386	16.41	0.423	12.85	44.4498	105.0097059	105.009591	0.411900	105.072470	
2010	4	1000	4.416666667	01/04/2010 10:00	01/04/2010 9:00	40.848	0.58058	0.386	16.41	0.423	12.95	44.4610	105.0062939	105.006179	0.408480	105.069050	
2010	4	1100	4.458333333	01/04/2010 11:00	01/04/2010 10:00	40.574	0.57669	0.387	16.41	0.423	13.57	44.4699	105.0035603	105.003445	0.405740	105.066310	
2010	4	1200	4.500000000	01/04/2010 12:00	01/04/2010 11:00	40.303	0.57284	0.387	16.42	0.423	13.5	44.4788	105.0008567	105.000741	0.403030	105.063600	
2010	4	1300	4.541666667	01/04/2010 13:00	01/04/2010 12:00	40.104	0.57001	0.387	16.42	0.423	13.53	44.4853	104.9988713	104.998756	0.401040	105.061610	
2010	4	1400	4.583333333	01/04/2010 14:00	01/04/2010 13:00	39.939	0.56766	0.387	16.43	0.423	13.42	44.4907	104.9972252	104.997110	0.399390	105.059960	
2010	4	1500	4.625000000	01/04/2010 15:00	01/04/2010 14:00	39.763	0.56516	0.387	16.43	0.423	13.35	44.4965	104.9954693	104.995354	0.397630	105.058200	
2010	4	1600	4.666666667	01/04/2010 16:00	01/04/2010 15:00	39.669	0.56382	0.387	16.41	0.423	13.29	44.4996	104.9945315	104.994416	0.396690	105.057260	
2010	4	1700	4.708333333	01/04/2010 17:00	01/04/2010 16:00	39.599	0.56283	0.387	16.42	0.423	13.23	44.5019	104.9938331	104.993718	0.395990	105.056560	
2010	4	1800	4.750000000	01/04/2010 18:00	01/04/2010 17:00	39.505	0.56149	0.387	16.42	0.423	13.17	44.5049	104.9928953	104.992780	0.395050	105.055620	
2010	4	1900	4.791666667	01/04/2010 19:00	01/04/2010 18:00	39.305	0.55865	0.387	16.42	0.423	13.12	44.5115	104.9909	104.990785	0.393050	105.053620	
2010	4	2000	4.833333333	01/04/2010 20:00	01/04/2010 19:00	39.164	0.55665	0.387	16.42	0.423	13.08	44.5161	104.9894933	104.989378	0.391640	105.052210	
2010	4	2100	4.875000000	01/04/2010 21:00	01/04/2010 20:00	38.73	0.55048	0.388	16.42	0.424	13.03	44.5303	104.9851635	104.985048	0.387300	105.047870	
2010	4	2200	4.916666667	01/04/2010 22:00	01/04/2010 21:00	38.46	0.54664	0.389	16.42	0.425	12.98	44.5391	104.9824698	104.982354	0.384600	105.045170	
2010	4	2300	4.958333333	01/04/2010 23:00	01/04/2010 22:00	38.414	0.54599	0.389	16.41	0.426	12.95	44.5406	104.9820109	104.981896	0.384140	105.044710	
2010	4	2400	5.000000000	01/05/2010 0:00	01/04/2010 23:00	37.908	0.53880	0.389	16.42	0.426	12.91	44.5572	104.9769627	104.976847	0.379080	105.039650	
2010	5	100	5.041666667	01/05/2010 1:00	01/05/2010 0:00	38.013	0.54029	0.389	16.41	0.426	12.89	44.5538	104.9780102	104.977895	0.380130	105.040700	
2010	5	200	5.083333333	01/05/2010 2:00	01/05/2010 1:00	38.025	0.54046	0.39	16.42	0.426	12.86	44.5534	104.97813	104.978015	0.380250	105.040820	
2010	5	300	5.125000000	01/05/2010 3:00	01/05/2010 2:00	38.436	0.54630	0.389	16.42	0.426	12.85	44.5399	104.9822303	104.982115	0.384360	105.044930	
2010	5	400	5.166666667	01/05/2010 4:00	01/05/2010 3:00	38.999	0.55430	0.389	16.42	0.426	12.83	44.5215	104.9878472	104.987732	0.389990	105.050560	
2010	5	500	5.208333333	01/05/2010 5:00	01/05/2010 4:00	39.54	0.56199	0.387	16.41	0.424	12.83	44.5038	104.9932445	104.993129	0.395400	105.055970	
2010	5	600	5.250000000	01/05/2010 6:00	01/05/2010 5:00	40.274	0.57242	0.386	16.41	0.423	12.82	44.4798	105.0005673	105.000452	0.402740	105.063310	
2010	5	700	5.291666667	01/05/2010 7:00	01/05/2010 6:00	40.887	0.58114	0.387	16.41	0.423	12.82	44.4597	105.006683	105.006568	0.408870	105.069440	
2010	5	800	5.333333333	01/05/2010 8:00	01/05/2010 7:00	41.604	0.59133	0.387	16.41	0.423	12.82	44.4362	105.0138362	105.013721	0.416040	105.076610	
2010	5	900	5.375000000	01/05/2010 9:00	01/05/2010 8:00	42.202	0.59983	0.387	16.41	0.423	12.82	44.4167	105.0198022	105.019687	0.422020	105.082590	
2010	5	1000	5.416666667	01/05/2010 10:00	01/05/2010 9:00	42.659	0.60632	0.387	16.42	0.423	12.83	44.4017	105.0243615	105.024246	0.426590	105.087160	
2010	5	1100	5.458333333	01/05/2010 11:00	01/05/2010 10:00	43.006	0.61125	0.387	16.42	0.423	13.66	44.3903	105.0278234	105.027708	0.430060	105.090630	
2010	5	1200	5.500000000	01/05/2010 12:00	01/05/2010 11:00	43.334	0.61592	0.387	16.43	0.423	14.01	44.3796	105.0310958	105.030980	0.433340	105.093910	
2010	5	1300	5.541666667	01/05/2010 13:00	01/05/2010 12:00	43.451	0.61758	0.387	16.42	0.424	14	44.3758	105.032263	105.032148	0.434510	105.095080	
2010	5	1400	5.583333333	01/05/2010 14:00	01/05/2010 13:00	43.64	0.62027	0.387	16.42	0.423	13.97	44.3696	105.0341486	105.034033	0.436400	105.096970	
2010	5	1500	5.625000000	01/05/2010 15:00	01/05/2010 14:00	43.845	0.62318	0.387	16.41	0.423	13.92	44.3629	105.0361938	105.036078	0.438450	105.099020	
2010	5	1600	5.666666667	01/05/2010 16:00	01/05/2010 15:00	44.009	0.62551	0.387	16.4	0.423	13.69	44.3575	105.03783	105.037715	0.440090	105.100660	
2010	5	1700	5.708333333	01/05/2010 17:00	01/05/2010 16:00	43.975	0.62503	0.387	16.42	0.423	13.57	44.3586	105.0374908	105.037375	0.439750	105.100320	
2010	5	1800	5.750000000	01/05/2010 18:00	01/05/2010 17:00	43.965	0.62488	0.387	16.42	0.423	13.49	44.3590	105.037391	105.037276	0.439650	105.100220	
2010	5	1900	5.791666667	01/05/2010 19:00	01/05/2010 18:00	43.699	0.62110	0.387	16.41	0.423	13.41	44.3677	105.0347372	105.034622	0.436990	105.097560	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	5	2000	5.833333333	01/05/2010 20:00	01/05/2010 19:00	43.548	0.61896	0.387	16.43	0.423	13.34	44.3726	105.0332307	105.033115	0.435480	105.096050	
2010	5	2100	5.875000000	01/05/2010 21:00	01/05/2010 20:00	43.236	0.61452	0.387	16.42	0.423	13.28	44.3828	105.030118	105.030003	0.432360	105.092930	
2010	5	2200	5.916666667	01/05/2010 22:00	01/05/2010 21:00	42.722	0.60722	0.387	16.43	0.423	13.24	44.3996	105.0249901	105.024875	0.427220	105.087790	
2010	5	2300	5.958333333	01/05/2010 23:00	01/05/2010 22:00	42.382	0.60238	0.387	16.41	0.423	13.19	44.4108	105.021598	105.021483	0.423820	105.084390	
2010	5	2400	6.000000000	01/06/2010 0:00	01/05/2010 23:00	42.088	0.59821	0.387	16.43	0.423	13.14	44.4204	105.0186649	105.018550	0.420880	105.081450	
2010	6	100	6.041666667	01/06/2010 1:00	01/06/2010 0:00	41.97	0.59653	0.387	16.43	0.423	13.1	44.4243	105.0174877	105.017372	0.419700	105.080270	
2010	6	200	6.083333333	01/06/2010 2:00	01/06/2010 1:00	42.276	0.60088	0.386	16.42	0.423	13.06	44.4142	105.0205405	105.020425	0.422760	105.083330	
2010	6	300	6.125000000	01/06/2010 3:00	01/06/2010 2:00	42.652	0.60622	0.387	16.42	0.423	13.02	44.4019	105.0242917	105.024176	0.426520	105.087090	
2010	6	400	6.166666667	01/06/2010 4:00	01/06/2010 3:00	43.181	0.61374	0.387	16.41	0.423	12.99	44.3846	105.0295693	105.029454	0.431810	105.092380	
2010	6	500	6.208333333	01/06/2010 5:00	01/06/2010 4:00	43.698	0.62109	0.387	16.43	0.423	12.96	44.3677	105.0347272	105.034612	0.436980	105.097550	
2010	6	600	6.250000000	01/06/2010 6:00	01/06/2010 5:00	43.886	0.62376	0.387	16.42	0.423	12.93	44.3615	105.0366028	105.036487	0.438860	105.099430	
2010	6	700	6.291666667	01/06/2010 7:00	01/06/2010 6:00	44.204	0.62828	0.387	16.4	0.424	12.91	44.3511	105.0397754	105.039660	0.442040	105.102610	
2010	6	800	6.333333333	01/06/2010 8:00	01/06/2010 7:00	44.167	0.62776	0.387	16.41	0.424	12.94	44.3523	105.0394063	105.039291	0.441670	105.102240	
2010	6	900	6.375000000	01/06/2010 9:00	01/06/2010 8:00	44.205	0.62830	0.387	16.41	0.423	14.01	44.3511	105.0397854	105.039670	0.442050	105.102620	
2010	6	1000	6.416666667	01/06/2010 10:00	01/06/2010 9:00	44.326	0.63002	0.387	16.42	0.423	14.02	44.3471	105.0409925	105.040877	0.443260	105.103830	
2010	6	1100	6.458333333	01/06/2010 11:00	01/06/2010 10:00	43.992	0.62527	0.387	16.4	0.424	13.99	44.3581	105.0376604	105.037545	0.439920	105.100490	
2010	6	1200	6.500000000	01/06/2010 12:00	01/06/2010 11:00	43.779	0.62224	0.387	16.43	0.423	13.97	44.3650	105.0355353	105.035420	0.437790	105.098360	
2010	6	1300	6.541666667	01/06/2010 13:00	01/06/2010 12:00	43.788	0.62237	0.387	16.43	0.423	13.98	44.3647	105.0356251	105.035510	0.437880	105.098450	
2010	6	1400	6.583333333	01/06/2010 14:00	01/06/2010 13:00	43.751	0.62184	0.387	16.42	0.423	13.94	44.3660	105.035256	105.035141	0.437510	105.098080	
2010	6	1500	6.625000000	01/06/2010 15:00	01/06/2010 14:00	43.82	0.62282	0.387	16.41	0.423	13.95	44.3637	105.0359444	105.035829	0.438200	105.098770	
2010	6	1600	6.666666667	01/06/2010 16:00	01/06/2010 15:00	43.916	0.62419	0.387	16.42	0.423	13.87	44.3606	105.0369021	105.036787	0.439160	105.099730	
2010	6	1700	6.708333333	01/06/2010 17:00	01/06/2010 16:00	44.048	0.62606	0.387	16.41	0.423	13.7	44.3562	105.038219	105.038104	0.440480	105.101050	
2010	6	1800	6.750000000	01/06/2010 18:00	01/06/2010 17:00	44.312	0.62982	0.387	16.42	0.423	13.59	44.3476	105.0408529	105.040738	0.443120	105.103690	
2010	6	1900	6.791666667	01/06/2010 19:00	01/06/2010 18:00	44.724	0.63567	0.387	16.41	0.423	13.51	44.3341	105.0449632	105.044848	0.447240	105.107810	
2010	6	2000	6.833333333	01/06/2010 20:00	01/06/2010 19:00	45.149	0.64171	0.387	16.4	0.424	13.45	44.3202	105.0492033	105.049088	0.451490	105.112060	
2010	6	2100	6.875000000	01/06/2010 21:00	01/06/2010 20:00	45.771	0.65055	0.387	16.4	0.424	13.39	44.2998	105.0554087	105.055293	0.457710	105.118280	
2010	6	2200	6.916666667	01/06/2010 22:00	01/06/2010 21:00	46.168	0.65620	0.387	16.41	0.424	13.33	44.2868	105.0593694	105.059254	0.461680	105.122250	
2010	6	2300	6.958333333	01/06/2010 23:00	01/06/2010 22:00	46.688	0.66359	0.387	16.42	0.424	13.28	44.2698	105.0645573	105.064442	0.466880	105.127450	
2010	6	2400	7.000000000	01/07/2010 0:00	01/06/2010 23:00	47.124	0.66978	0.387	16.42	0.424	13.23	44.2556	105.0689071	105.068792	0.471240	105.131810	
2010	7	100	7.041666667	01/07/2010 1:00	01/07/2010 0:00	47.539	0.67568	0.387	16.41	0.424	13.18	44.2420	105.0730474	105.072932	0.475390	105.135960	
2010	7	200	7.083333333	01/07/2010 2:00	01/07/2010 1:00	47.814	0.67959	0.387	16.42	0.424	13.13	44.2330	105.0757909	105.075676	0.478140	105.138710	
2010	7	300	7.125000000	01/07/2010 3:00	01/07/2010 2:00	47.983	0.68199	0.387	16.42	0.424	13.09	44.2274	105.077477	105.077362	0.479830	105.140400	
2010	7	400	7.166666667	01/07/2010 4:00	01/07/2010 3:00	48.197	0.68503	0.387	16.42	0.424	13.05	44.2204	105.079612	105.079497	0.481970	105.142540	
2010	7	500	7.208333333	01/07/2010 5:00	01/07/2010 4:00	48.244	0.68570	0.387	16.43	0.424	13.01	44.2189	105.0800809	105.079966	0.482440	105.143010	
2010	7	600	7.250000000	01/07/2010 6:00	01/07/2010 5:00	48.096	0.68360	0.387	16.43	0.424	12.97	44.2237	105.0786043	105.078489	0.480960	105.141530	
2010	7	700	7.291666667	01/07/2010 7:00	01/07/2010 6:00	47.97	0.68181	0.387	16.4	0.424	12.94	44.2279	105.0773473	105.077232	0.479700	105.140270	
2010	7	800	7.333333333	01/07/2010 8:00	01/07/2010 7:00	47.712	0.67814	0.387	16.42	0.424	12.91	44.2363	105.0747733	105.074658	0.477120	105.137690	
2010	7	900	7.375000000	01/07/2010 9:00	01/07/2010 8:00	47.762	0.67885	0.387	16.43	0.424	13.03	44.2347	105.0752722	105.075157	0.477620	105.138190	
2010	7	1000	7.416666667	01/07/2010 10:00	01/07/2010 9:00	47.863	0.68029	0.387	16.41	0.424	13.5	44.2314	105.0762798	105.076164	0.478630	105.139200	
2010	7	1100	7.458333333	01/07/2010 11:00	01/07/2010 10:00	48.085	0.68344	0.387	16.41	0.424	14.13	44.2241	105.0784946	105.078379	0.480850	105.141420	
2010	7	1200	7.500000000	01/07/2010 12:00	01/07/2010 11:00	48.489	0.68919	0.387	16.42	0.424	14.12	44.2109	105.0825251	105.082410	0.484890	105.145460	
2010	7	1300	7.541666667	01/07/2010 13:00	01/07/2010 12:00	48.827	0.69399	0.387	16.42	0.424	14.11	44.1998	105.0858972	105.085782	0.488270	105.148840	
2010	7	1400	7.583333333	01/07/2010 14:00	01/07/2010 13:00	48.967	0.69598	0.387	16.41	0.424	14.1	44.1952	105.087294	105.087179	0.489670	105.150240	
2010	7	1500	7.625000000	01/07/2010 15:00	01/07/2010 14:00	49.073	0.69749	0.387	16.41	0.424	14.09	44.1918	105.0883515	105.088236	0.490730	105.151300	
2010	7	1600	7.666666667	01/07/2010 16:00	01/07/2010 15:00	49.037	0.69697	0.387	16.41	0.424	13.89	44.1929	105.0879923	105.087877	0.490370	105.150940	
2010	7	1700	7.708333333	01/07/2010 17:00	01/07/2010 16:00	48.861	0.69447	0.387	16.4	0.424	13.74	44.1987	105.0862364	105.086121	0.488610	105.149180	
2010	7	1800	7.750000000	01/07/2010 18:00	01/07/2010 17:00	48.45	0.68863	0.387	16.41	0.424	13.64	44.2122	105.0821361	105.082021	0.484500	105.145070	
2010	7	1900	7.791666667	01/07/2010 19:00	01/07/2010 18:00	48.168	0.68462	0.387	16.43	0.424	13.56	44.2214	105.0793227	105.079207	0.481680	105.142250	
2010	7	2000	7.833333333	01/07/2010 20:00	01/07/2010 19:00	47.792	0.67928	0.387	16.43	0.424	13.49	44.2337	105.0755715	105.075456	0.477920	105.138490	
2010	7	2100	7.875000000	01/07/2010 21:00	01/07/2010 20:00	47.37	0.67328	0.387	16.42	0.424	13.42	44.2475	105.0713613	105.071246	0.473700	105.134270	
2010	7	2200	7.916666667	01/07/2010 22:00	01/07/2010 21:00	47.158	0.67027	0.387	16.42	0.424	13.36	44.2544	105.0692463	105.069131	0.471580	105.132150	
2010	7	2300	7.958333333	01/07/2010 23:00	01/07/2010 22:00	46.964	0.66751	0.387	16.42	0.423	13.31	44.2608	105.0673108	105.067195	0.469640	105.130210	
2010	7	2400	8.000000000	01/08/2010 0:00	01/07/2010 23:00	46.897	0.66656	0.387	16.41	0.424	13.26	44.2630	105.0666424	105.066527	0.468970	105.129540	
2010	8	100	8.041666667	01/08/2010 1:00	01/08/2010 0:00	47.238	0.67140	0.387	16.43	0.423	13.21	44.2518	105.0700444	105.069929	0.472380	105.132950	
2010	8	200	8.083333333	01/08/2010 2:00	01/08/2010 1:00	47.778	0.67908	0.387	16.41	0.424	13.16	44.2341	105.0754318	105.075316	0.477780	105.138350	
2010	8	300	8.125000000	01/08/2010 3:00	01/08/2010 2:00	48.351	0.68722	0.387	16.41	0.424	13.12	44.2154	105.0811484	105.081033	0.483510	105.144080	
2010	8	400	8.166666667	01/08/2010 4:00	01/08/2010 3:00	48.936	0.69554	0.387	16.41	0.424	13.07	44.1962	105.0869847	105.086869	0.489360	105.149930	
2010	8	500	8.208333333	01/08/2010 5:00	01/08/2010 4:00	49.509	0.70368	0.387	16.41	0.424	13.03	44.1775	105.0927013	105.092586	0.495090	105.155660	
2010	8	600	8.250000000	01/08/2010 6:00	01/08/2010 5:00	50.131	0.71252	0.387	16.41	0.424	13	44.1571	105.0989067	105.098791	0.501310	105.161880	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	8	700	8.291666667	01/08/2010 7:00	01/08/2010 6:00	50.766	0.72155	0.387	16.42	0.424	12.97	44.1363	105.1052419	105.105127	0.507660	105.168230	
2010	8	800	8.333333333	01/08/2010 8:00	01/08/2010 7:00	51.174	0.72735	0.387	16.41	0.424	12.93	44.1230	105.1093123	105.109197	0.511740	105.172310	
2010	8	900	8.375000000	01/08/2010 9:00	01/08/2010 8:00	51.176	0.72738	0.387	16.41	0.424	14.12	44.1229	105.1093323	105.109217	0.511760	105.172330	
2010	8	1000	8.416666667	01/08/2010 10:00	01/08/2010 9:00	51.527	0.73236	0.387	16.42	0.424	14.1	44.1114	105.1128341	105.112719	0.515270	105.175840	
2010	8	1100	8.458333333	01/08/2010 11:00	01/08/2010 10:00	51.587	0.73322	0.388	16.41	0.424	14.08	44.1095	105.1134327	105.113317	0.515870	105.176440	
2010	8	1200	8.500000000	01/08/2010 12:00	01/08/2010 11:00	51.334	0.72962	0.387	16.41	0.424	14.06	44.1178	105.1109086	105.110793	0.513340	105.173910	
2010	8	1300	8.541666667	01/08/2010 13:00	01/08/2010 12:00	51.064	0.72578	0.388	16.42	0.424	14.04	44.1266	105.1082149	105.108100	0.510640	105.171210	
2010	8	1400	8.583333333	01/08/2010 14:00	01/08/2010 13:00	50.84	0.72260	0.388	16.43	0.424	14.04	44.1339	105.1059801	105.105865	0.508400	105.168970	
2010	8	1500	8.625000000	01/08/2010 15:00	01/08/2010 14:00	50.546	0.71842	0.388	16.42	0.424	14.04	44.1435	105.103047	105.102932	0.505460	105.166030	
2010	8	1600	8.666666667	01/08/2010 16:00	01/08/2010 15:00	50.253	0.71426	0.388	16.42	0.424	13.82	44.1531	105.1001239	105.100009	0.502530	105.163100	
2010	8	1700	8.708333333	01/08/2010 17:00	01/08/2010 16:00	49.964	0.71015	0.388	16.41	0.424	13.69	44.1626	105.0972406	105.097125	0.499640	105.160210	
2010	8	1800	8.750000000	01/08/2010 18:00	01/08/2010 17:00	49.571	0.70456	0.388	16.4	0.424	13.6	44.1755	105.0933198	105.093204	0.495710	105.156280	
2010	8	1900	8.791666667	01/08/2010 19:00	01/08/2010 18:00	49.444	0.70276	0.387	16.42	0.424	13.52	44.1796	105.0920528	105.091937	0.494440	105.155010	
2010	8	2000	8.833333333	01/08/2010 20:00	01/08/2010 19:00	49.124	0.69821	0.388	16.41	0.424	13.45	44.1901	105.0888603	105.088745	0.491240	105.151810	
2010	8	2100	8.875000000	01/08/2010 21:00	01/08/2010 20:00	49.113	0.69805	0.387	16.41	0.424	13.39	44.1905	105.0887505	105.088635	0.491130	105.151700	
2010	8	2200	8.916666667	01/08/2010 22:00	01/08/2010 21:00	49.363	0.70161	0.387	16.41	0.424	13.33	44.1823	105.0912447	105.091129	0.493630	105.154200	
2010	8	2300	8.958333333	01/08/2010 23:00	01/08/2010 22:00	49.988	0.71049	0.388	16.41	0.424	13.28	44.1618	105.0974801	105.097365	0.499880	105.160450	
2010	8	2400	9.000000000	01/09/2010 0:00	01/08/2010 23:00	50.693	0.72051	0.388	16.39	0.424	13.23	44.1387	105.1045136	105.104398	0.506930	105.167500	
2010	9	100	9.041666667	01/09/2010 1:00	01/09/2010 0:00	51.435	0.73106	0.388	16.41	0.424	13.17	44.1144	105.1119162	105.111801	0.514350	105.174920	
2010	9	200	9.083333333	01/09/2010 2:00	01/09/2010 1:00	52.128	0.74091	0.388	16.41	0.424	13.13	44.0918	105.11883	105.118715	0.521280	105.181850	
2010	9	300	9.125000000	01/09/2010 3:00	01/09/2010 2:00	52.681	0.74877	0.388	16.41	0.424	13.1	44.0737	105.1243471	105.124232	0.526810	105.187380	
2010	9	400	9.166666667	01/09/2010 4:00	01/09/2010 3:00	52.997	0.75326	0.387	16.4	0.424	13.05	44.0633	105.1274997	105.127384	0.529970	105.190540	
2010	9	500	9.208333333	01/09/2010 5:00	01/09/2010 4:00	53.373	0.75860	0.387	16.41	0.424	13.01	44.0510	105.1312509	105.131136	0.533730	105.194300	
2010	9	600	9.250000000	01/09/2010 6:00	01/09/2010 5:00	53.327	0.75795	0.387	16.4	0.424	12.98	44.0525	105.130792	105.130677	0.533270	105.193840	
2010	9	700	9.291666667	01/09/2010 7:00	01/09/2010 6:00	53.21	0.75629	0.388	16.4	0.424	12.95	44.0563	105.1296247	105.129509	0.532100	105.192670	
2010	9	800	9.333333333	01/09/2010 8:00	01/09/2010 7:00	52.997	0.75326	0.388	16.41	0.424	12.91	44.0633	105.1274997	105.127384	0.529970	105.190540	
2010	9	900	9.375000000	01/09/2010 9:00	01/09/2010 8:00	52.739	0.74959	0.388	16.42	0.424	12.96	44.0718	105.1249257	105.124810	0.527390	105.187960	
2010	9	1000	9.416666667	01/09/2010 10:00	01/09/2010 9:00	52.175	0.74158	0.388	16.41	0.425	14.04	44.0902	105.1192989	105.119184	0.521750	105.182320	
2010	9	1100	9.458333333	01/09/2010 11:00	01/09/2010 10:00	51.809	0.73637	0.388	16.41	0.424	14.06	44.1022	105.1156475	105.115532	0.518090	105.178660	
2010	9	1200	9.500000000	01/09/2010 12:00	01/09/2010 11:00	51.408	0.73067	0.388	16.42	0.424	14.04	44.1153	105.1116469	105.111532	0.514080	105.174650	
2010	9	1300	9.541666667	01/09/2010 13:00	01/09/2010 12:00	50.863	0.72293	0.388	16.42	0.424	14.02	44.1332	105.1062096	105.106094	0.508630	105.169200	
2010	9	1400	9.583333333	01/09/2010 14:00	01/09/2010 13:00	50.487	0.71758	0.388	16.41	0.424	14.02	44.1455	105.1024584	105.102343	0.504870	105.165440	
2010	9	1500	9.625000000	01/09/2010 15:00	01/09/2010 14:00	49.909	0.70937	0.387	16.42	0.424	13.98	44.1644	105.0966919	105.096577	0.499090	105.159660	
2010	9	1600	9.666666667	01/09/2010 16:00	01/09/2010 15:00	49.512	0.70373	0.387	16.41	0.424	13.76	44.1774	105.0927312	105.092616	0.495120	105.155690	
2010	9	1700	9.708333333	01/09/2010 17:00	01/09/2010 16:00	49.008	0.69656	0.387	16.42	0.424	13.64	44.1939	105.087703	105.087588	0.490080	105.150650	
2010	9	1800	9.750000000	01/09/2010 18:00	01/09/2010 17:00	48.491	0.68921	0.387	16.43	0.424	13.55	44.2108	105.0825451	105.082430	0.484910	105.145480	
2010	9	1900	9.791666667	01/09/2010 19:00	01/09/2010 18:00	47.985	0.68202	0.387	16.41	0.424	13.48	44.2274	105.0774969	105.077382	0.479850	105.140420	
2010	9	2000	9.833333333	01/09/2010 20:00	01/09/2010 19:00	47.458	0.67453	0.387	16.42	0.424	13.41	44.2446	105.0722393	105.072124	0.474580	105.135150	
2010	9	2100	9.875000000	01/09/2010 21:00	01/09/2010 20:00	46.941	0.66718	0.387	16.41	0.424	13.35	44.2615	105.0670814	105.066966	0.469410	105.129980	
2010	9	2200	9.916666667	01/09/2010 22:00	01/09/2010 21:00	46.4	0.65949	0.387	16.41	0.424	13.29	44.2793	105.061684	105.061569	0.464000	105.124570	
2010	9	2300	9.958333333	01/09/2010 23:00	01/09/2010 22:00	45.824	0.65131	0.387	16.41	0.424	13.24	44.2981	105.0559375	105.055822	0.458240	105.118810	
2010	9	2400	10.000000000	01/10/2010 0:00	01/09/2010 23:00	45.288	0.64369	0.388	16.4	0.424	13.19	44.3156	105.05059	105.050475	0.452880	105.113450	
2010	10	100	10.041666667	01/10/2010 1:00	01/10/2010 0:00	44.759	0.63617	0.388	16.42	0.424	13.14	44.3330	105.0453124	105.045197	0.447590	105.108160	
2010	10	200	10.083333333	01/10/2010 2:00	01/10/2010 1:00	44.114	0.62700	0.387	16.42	0.424	13.1	44.3541	105.0388775	105.038762	0.441140	105.101710	
2010	10	300	10.125000000	01/10/2010 3:00	01/10/2010 2:00	43.678	0.62081	0.388	16.41	0.424	13.06	44.3683	105.0345277	105.034412	0.436780	105.097350	
2010	10	400	10.166666667	01/10/2010 4:00	01/10/2010 3:00	43.251	0.61474	0.388	16.42	0.424	13.02	44.3823	105.0302677	105.030152	0.432510	105.093080	
2010	10	500	10.208333333	01/10/2010 5:00	01/10/2010 4:00	42.959	0.61059	0.387	16.4	0.424	12.99	44.3919	105.0273545	105.027239	0.429590	105.090160	
2010	10	600	10.250000000	01/10/2010 6:00	01/10/2010 5:00	42.593	0.60538	0.387	16.42	0.424	12.95	44.4039	105.0237031	105.023588	0.425930	105.086500	
2010	10	700	10.291666667	01/10/2010 7:00	01/10/2010 6:00	42.429	0.60305	0.388	16.42	0.424	12.93	44.4092	105.0220669	105.021952	0.424290	105.084860	
2010	10	800	10.333333333	01/10/2010 8:00	01/10/2010 7:00	42.133	0.59885	0.388	16.42	0.424	12.89	44.4189	105.0191139	105.018999	0.421330	105.081900	
2010	10	900	10.375000000	01/10/2010 9:00	01/10/2010 8:00	41.99	0.59681	0.387	16.42	0.424	12.87	44.4236	105.0176872	105.017572	0.419900	105.080470	
2010	10	1000	10.416666667	01/10/2010 10:00	01/10/2010 9:00	41.636	0.59178	0.388	16.42	0.424	13.1	44.4352	105.0141555	105.014040	0.416360	105.076930	
2010	10	1100	10.458333333	01/10/2010 11:00	01/10/2010 10:00	41.373	0.58804	0.388	16.43	0.424	13.85	44.4438	105.0115316	105.011416	0.413730	105.074300	
2010	10	1200	10.500000000	01/10/2010 12:00	01/10/2010 11:00	41.196	0.58553	0.388	16.43	0.424	14.02	44.4496	105.0097658	105.009650	0.411960	105.072530	
2010	10	1300	10.541666667	01/10/2010 13:00	01/10/2010 12:00	40.879	0.58102	0.388	16.42	0.424	14.01	44.4600	105.0066032	105.006488	0.408790	105.069360	
2010	10	1400	10.583333333	01/10/2010 14:00	01/10/2010 13:00	40.816	0.58013	0.388	16.42	0.424	13.88	44.4620	105.0059747	105.005859	0.408160	105.068730	
2010	10	1500	10.625000000	01/10/2010 15:00	01/10/2010 14:00	40.58	0.57677	0.388	16.41	0.424	13.89	44.4698	105.0036202	105.003505	0.405800	105.066370	
2010	10	1600	10.666666667	01/10/2010 16:00	01/10/2010 15:00	40.219	0.57164	0.388	16.42	0.424	13.72	44.4816	105.0000186	104.999903	0.402190	105.062760	
2010	10	1700	10.708333333	01/10/2010 17:00	01/10/2010 16:00	39.821	0.56598	0.388	16.43	0.424	13.6	44.4946	104.9960479	104.995933	0.398210	105.058780	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	10	1800	10.750000000	01/10/2010 18:00	01/10/2010 17:00	39.775	0.56533	0.388	16.41	0.425	13.52	44.4961	104.995589	104.995474	0.397750	105.058320	
2010	10	1900	10.791666667	01/10/2010 19:00	01/10/2010 18:00	39.564	0.56233	0.389	16.42	0.425	13.45	44.5030	104.993484	104.993369	0.395640	105.056210	
2010	10	2000	10.833333333	01/10/2010 20:00	01/10/2010 19:00	39.351	0.55930	0.389	16.42	0.425	13.38	44.5100	104.9913589	104.991244	0.393510	105.054080	
2010	10	2100	10.875000000	01/10/2010 21:00	01/10/2010 20:00	39.117	0.55598	0.389	16.42	0.426	13.32	44.5176	104.9890244	104.988909	0.391170	105.051740	
2010	10	2200	10.916666667	01/10/2010 22:00	01/10/2010 21:00	38.788	0.55130	0.39	16.42	0.426	13.27	44.5284	104.9857421	104.985627	0.387880	105.048450	
2010	10	2300	10.958333333	01/10/2010 23:00	01/10/2010 22:00	38.837	0.55200	0.39	16.43	0.426	13.22	44.5268	104.986231	104.986116	0.388370	105.048940	
2010	10	2400	11.000000000	01/11/2010 0:00	01/10/2010 23:00	39.001	0.55433	0.389	16.41	0.426	13.17	44.5214	104.9878671	104.987752	0.390010	105.050580	
2010	11	100	11.041666667	01/11/2010 1:00	01/11/2010 0:00	39.439	0.56056	0.387	16.42	0.424	13.12	44.5071	104.9922369	104.992122	0.394390	105.054960	
2010	11	200	11.083333333	01/11/2010 2:00	01/11/2010 1:00	39.923	0.56743	0.387	16.41	0.424	13.08	44.4913	104.9970656	104.996950	0.399230	105.059800	
2010	11	300	11.125000000	01/11/2010 3:00	01/11/2010 2:00	40.444	0.57484	0.387	16.42	0.424	13.03	44.4742	105.0022634	105.002148	0.404440	105.065010	
2010	11	400	11.166666667	01/11/2010 4:00	01/11/2010 3:00	41.134	0.58465	0.387	16.42	0.424	13	44.4516	105.0091472	105.009032	0.411340	105.071910	
2010	11	500	11.208333333	01/11/2010 5:00	01/11/2010 4:00	40.983	0.58250	0.387	16.41	0.424	12.96	44.4566	105.0076408	105.007525	0.409830	105.070400	
2010	11	600	11.250000000	01/11/2010 6:00	01/11/2010 5:00	41.161	0.58503	0.387	16.41	0.424	12.93	44.4507	105.0094166	105.009301	0.411610	105.072180	
2010	11	700	11.291666667	01/11/2010 7:00	01/11/2010 6:00	41.137	0.58469	0.387	16.41	0.424	12.91	44.4515	105.0091772	105.009062	0.411370	105.071940	
2010	11	800	11.333333333	01/11/2010 8:00	01/11/2010 7:00	40.973	0.58236	0.387	16.41	0.424	12.87	44.4569	105.007541	105.007426	0.409730	105.070300	
2010	11	900	11.375000000	01/11/2010 9:00	01/11/2010 8:00	40.655	0.57784	0.387	16.42	0.424	12.89	44.4673	105.0043684	105.004253	0.406550	105.067120	
2010	11	1000	11.416666667	01/11/2010 10:00	01/11/2010 9:00	40.631	0.57750	0.388	16.41	0.424	13.65	44.4681	105.004129	105.004014	0.406310	105.066880	
2010	11	1100	11.458333333	01/11/2010 11:00	01/11/2010 10:00	40.153	0.57070	0.388	16.42	0.424	14.02	44.4837	104.9993602	104.999245	0.401530	105.062100	
2010	11	1200	11.500000000	01/11/2010 12:00	01/11/2010 11:00	39.915	0.56732	0.388	16.42	0.424	14	44.4915	104.9969857	104.996870	0.399150	105.059720	
2010	11	1300	11.541666667	01/11/2010 13:00	01/11/2010 12:00	39.909	0.56724	0.388	16.41	0.424	14	44.4917	104.9969259	104.996811	0.399090	105.059660	
2010	11	1400	11.583333333	01/11/2010 14:00	01/11/2010 13:00	40.105	0.57002	0.388	16.41	0.424	13.98	44.4853	104.9988813	104.998766	0.401050	105.061620	
2010	11	1500	11.625000000	01/11/2010 15:00	01/11/2010 14:00	40.255	0.57215	0.388	16.43	0.424	13.98	44.4804	105.0003778	105.000262	0.402550	105.063120	
2010	11	1600	11.666666667	01/11/2010 16:00	01/11/2010 15:00	40.242	0.57197	0.388	16.41	0.424	13.75	44.4808	105.0002481	105.000133	0.402420	105.062990	
2010	11	1700	11.708333333	01/11/2010 17:00	01/11/2010 16:00	40.55	0.57635	0.387	16.42	0.424	13.62	44.4707	105.0033209	105.003206	0.405500	105.066070	
2010	11	1800	11.750000000	01/11/2010 18:00	01/11/2010 17:00	41.115	0.58438	0.387	16.42	0.424	13.53	44.4522	105.0089577	105.008842	0.411150	105.071720	
2010	11	1900	11.791666667	01/11/2010 19:00	01/11/2010 18:00	41.674	0.59232	0.388	16.42	0.424	13.45	44.4339	105.0145346	105.014419	0.416740	105.077310	
2010	11	2000	11.833333333	01/11/2010 20:00	01/11/2010 19:00	41.547	0.59052	0.387	16.42	0.424	13.4	44.4381	105.0132676	105.013152	0.415470	105.076040	
2010	11	2100	11.875000000	01/11/2010 21:00	01/11/2010 20:00	41.983	0.59671	0.387	16.42	0.424	13.33	44.4238	105.0176174	105.017502	0.419830	105.080400	
2010	11	2200	11.916666667	01/11/2010 22:00	01/11/2010 21:00	42.112	0.59855	0.388	16.42	0.424	13.27	44.4196	105.0189043	105.018789	0.421120	105.081690	
2010	11	2300	11.958333333	01/11/2010 23:00	01/11/2010 22:00	42.594	0.60540	0.388	16.41	0.424	13.22	44.4038	105.0237131	105.023598	0.425940	105.086510	
2010	11	2400	12.000000000	01/12/2010 0:00	01/11/2010 23:00	43.147	0.61326	0.388	16.43	0.424	13.17	44.3857	105.0292301	105.029115	0.431470	105.092040	
2010	12	100	12.041666667	01/12/2010 1:00	01/12/2010 0:00	43.89	0.62382	0.388	16.41	0.424	13.12	44.3614	105.0366427	105.036527	0.438900	105.099470	
2010	12	200	12.083333333	01/12/2010 2:00	01/12/2010 1:00	44.685	0.63512	0.387	16.41	0.424	13.08	44.3354	105.0445741	105.044459	0.446850	105.107420	
2010	12	300	12.125000000	01/12/2010 3:00	01/12/2010 2:00	45.494	0.64662	0.388	16.42	0.424	13.04	44.3089	105.0526452	105.052530	0.454940	105.115510	
2010	12	400	12.166666667	01/12/2010 4:00	01/12/2010 3:00	45.899	0.65237	0.388	16.43	0.424	13.01	44.2957	105.0566857	105.056570	0.458990	105.119560	
2010	12	500	12.208333333	01/12/2010 5:00	01/12/2010 4:00	46.439	0.66005	0.388	16.41	0.424	12.97	44.2780	105.0620731	105.061958	0.464390	105.124960	
2010	12	600	12.250000000	01/12/2010 6:00	01/12/2010 5:00	46.641	0.66292	0.388	16.42	0.424	12.93	44.2714	105.0640884	105.063973	0.466410	105.126980	
2010	12	700	12.291666667	01/12/2010 7:00	01/12/2010 6:00	46.743	0.66437	0.388	16.41	0.424	12.91	44.2680	105.065106	105.064991	0.467430	105.128000	
2010	12	800	12.333333333	01/12/2010 8:00	01/12/2010 7:00	46.586	0.66214	0.388	16.43	0.424	12.88	44.2732	105.0635397	105.063424	0.465860	105.126430	
2010	12	900	12.375000000	01/12/2010 9:00	01/12/2010 8:00	46.53	0.66134	0.388	16.42	0.424	12.91	44.2750	105.062981	105.062866	0.465300	105.125870	
2010	12	1000	12.416666667	01/12/2010 10:00	01/12/2010 9:00	46.142	0.65583	0.388	16.41	0.425	13.98	44.2877	105.0591101	105.058995	0.461420	105.121990	
2010	12	1100	12.458333333	01/12/2010 11:00	01/12/2010 10:00	46.021	0.65411	0.388	16.41	0.425	14	44.2917	105.0579029	105.057788	0.460210	105.120780	
2010	12	1200	12.500000000	01/12/2010 12:00	01/12/2010 11:00	45.467	0.64623	0.388	16.43	0.425	13.96	44.3098	105.0523758	105.052261	0.454670	105.115240	
2010	12	1300	12.541666667	01/12/2010 13:00	01/12/2010 12:00	45.217	0.64268	0.388	16.43	0.424	13.92	44.3180	105.0498817	105.049766	0.452170	105.112740	
2010	12	1400	12.583333333	01/12/2010 14:00	01/12/2010 13:00	45.407	0.64538	0.388	16.42	0.425	13.9	44.3118	105.0517773	105.051662	0.454070	105.114640	
2010	12	1500	12.625000000	01/12/2010 15:00	01/12/2010 14:00	45.309	0.64399	0.388	16.43	0.424	13.9	44.3150	105.0507995	105.050684	0.453090	105.113660	
2010	12	1600	12.666666667	01/12/2010 16:00	01/12/2010 15:00	45.811	0.65112	0.388	16.41	0.425	13.73	44.2985	105.0558078	105.055692	0.458110	105.118680	
2010	12	1700	12.708333333	01/12/2010 17:00	01/12/2010 16:00	46.125	0.65559	0.388	16.43	0.424	13.66	44.2883	105.0589405	105.058825	0.461250	105.121820	
2010	12	1800	12.750000000	01/12/2010 18:00	01/12/2010 17:00	46.716	0.66399	0.388	16.41	0.424	13.54	44.2689	105.0648366	105.064721	0.467160	105.127730	
2010	12	1900	12.791666667	01/12/2010 19:00	01/12/2010 18:00	47.005	0.66809	0.388	16.44	0.424	13.46	44.2594	105.0677199	105.067605	0.470050	105.130620	
2010	12	2000	12.833333333	01/12/2010 20:00	01/12/2010 19:00	47.283	0.67204	0.388	16.42	0.424	13.4	44.2503	105.0704934	105.070378	0.472830	105.133400	
2010	12	2100	12.875000000	01/12/2010 21:00	01/12/2010 20:00	47.748	0.67865	0.388	16.42	0.425	13.34	44.2351	105.0751325	105.075017	0.477480	105.138050	
2010	12	2200	12.916666667	01/12/2010 22:00	01/12/2010 21:00	48.325	0.68685	0.388	16.42	0.425	13.28	44.2162	105.080889	105.080774	0.483250	105.143820	
2010	12	2300	12.958333333	01/12/2010 23:00	01/12/2010 22:00	48.707	0.69228	0.388	16.43	0.424	13.23	44.2037	105.0847	105.084585	0.487070	105.147640	
2010	12	2400	13.000000000	01/13/2010 0:00	01/12/2010 23:00	49.242	0.69989	0.388	16.41	0.424	13.17	44.1862	105.0900375	105.089922	0.492420	105.152990	
2010	13	100	13.041666667	01/13/2010 1:00	01/13/2010 0:00	49.877	0.70891	0.388	16.42	0.424	13.13	44.1654	105.0963727	105.096257	0.498770	105.159340	
2010	13	200	13.083333333	01/13/2010 2:00	01/13/2010 1:00	50.524	0.71811	0.388	16.41	0.424	13.08	44.1443	105.1028275	105.102712	0.505240	105.165810	
2010	13	300	13.125000000	01/13/2010 3:00	01/13/2010 2:00	51.005	0.72495	0.388	16.42	0.424	13.04	44.1285	105.1076263	105.107511	0.510050	105.170620	
2010	13	400	13.166666667	01/13/2010 4:00	01/13/2010 3:00	51.604	0.73346	0.388	16.43	0.424	13.01	44.1089	105.1136023	105.113487	0.516040	105.176610	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	13	500	13.208333333	01/13/2010 5:00	01/13/2010 4:00	51.757	0.73563	0.388	16.42	0.424	12.98	44.1039	105.1151287	105.115013	0.517570	105.178140	
2010	13	600	13.250000000	01/13/2010 6:00	01/13/2010 5:00	51.756	0.73562	0.388	16.42	0.424	12.94	44.1039	105.1151187	105.115003	0.517560	105.178130	
2010	13	700	13.291666667	01/13/2010 7:00	01/13/2010 6:00	51.639	0.73396	0.388	16.41	0.424	12.91	44.1078	105.1139514	105.113836	0.516390	105.176960	
2010	13	800	13.333333333	01/13/2010 8:00	01/13/2010 7:00	51.191	0.72759	0.388	16.42	0.424	12.89	44.1224	105.1094819	105.109367	0.511910	105.172480	
2010	13	900	13.375000000	01/13/2010 9:00	01/13/2010 8:00	50.897	0.72341	0.388	16.42	0.425	12.87	44.1321	105.1065488	105.106433	0.508970	105.169540	
2010	13	1000	13.416666667	01/13/2010 10:00	01/13/2010 9:00	50.409	0.71647	0.388	16.43	0.425	13.94	44.1480	105.1016802	105.101565	0.504090	105.164660	
2010	13	1100	13.458333333	01/13/2010 11:00	01/13/2010 10:00	50.012	0.71083	0.389	16.42	0.425	13.81	44.1610	105.0977195	105.097604	0.500120	105.160690	
2010	13	1200	13.500000000	01/13/2010 12:00	01/13/2010 11:00	49.741	0.70698	0.389	16.42	0.425	13.96	44.1699	105.0950159	105.094901	0.497410	105.157980	
2010	13	1300	13.541666667	01/13/2010 13:00	01/13/2010 12:00	49.152	0.69861	0.389	16.42	0.425	13.94	44.1892	105.0891396	105.089024	0.491520	105.152090	
2010	13	1400	13.583333333	01/13/2010 14:00	01/13/2010 13:00	49.109	0.69800	0.389	16.42	0.425	13.91	44.1906	105.0887106	105.088595	0.491090	105.151660	
2010	13	1500	13.625000000	01/13/2010 15:00	01/13/2010 14:00	48.896	0.69497	0.388	16.42	0.425	13.91	44.1976	105.0865856	105.086470	0.488960	105.149530	
2010	13	1600	13.666666667	01/13/2010 16:00	01/13/2010 15:00	49.198	0.69926	0.388	16.42	0.425	13.78	44.1877	105.0895986	105.089483	0.491980	105.152550	
2010	13	1700	13.708333333	01/13/2010 17:00	01/13/2010 16:00	49.107	0.69797	0.388	16.41	0.425	13.67	44.1906	105.0886907	105.088575	0.491070	105.151640	
2010	13	1800	13.750000000	01/13/2010 18:00	01/13/2010 17:00	49.119	0.69814	0.388	16.41	0.425	13.55	44.1903	105.0888104	105.088695	0.491190	105.151760	
2010	13	1900	13.791666667	01/13/2010 19:00	01/13/2010 18:00	49.156	0.69867	0.388	16.42	0.425	13.46	44.1890	105.0891795	105.089064	0.491560	105.152130	
2010	13	2000	13.833333333	01/13/2010 20:00	01/13/2010 19:00	49.724	0.70674	0.388	16.44	0.425	13.39	44.1705	105.0948463	105.094731	0.497240	105.157810	
2010	13	2100	13.875000000	01/13/2010 21:00	01/13/2010 20:00	50.063	0.71156	0.388	16.4	0.425	13.31	44.1594	105.0982283	105.098113	0.500630	105.161200	
2010	13	2200	13.916666667	01/13/2010 22:00	01/13/2010 21:00	50.351	0.71565	0.388	16.43	0.425	13.26	44.1499	105.1011016	105.100986	0.503510	105.164080	
2010	13	2300	13.958333333	01/13/2010 23:00	01/13/2010 22:00	50.365	0.71585	0.388	16.42	0.425	13.2	44.1495	105.1012413	105.101126	0.503650	105.164220	
2010	13	2400	14.000000000	01/14/2010 0:00	01/13/2010 23:00	50.695	0.72054	0.388	16.43	0.425	13.15	44.1387	105.1045335	105.104418	0.506950	105.167520	
2010	14	100	14.041666667	01/14/2010 1:00	01/14/2010 0:00	51.024	0.72522	0.388	16.43	0.425	13.1	44.1279	105.1078158	105.107700	0.510240	105.170810	
2010	14	200	14.083333333	01/14/2010 2:00	01/14/2010 1:00	51.215	0.72793	0.388	16.43	0.425	13.06	44.1216	105.1097214	105.109606	0.512150	105.172720	
2010	14	300	14.125000000	01/14/2010 3:00	01/14/2010 2:00	51.171	0.72731	0.388	16.42	0.425	13.02	44.1231	105.1092824	105.109167	0.511710	105.172280	
2010	14	400	14.166666667	01/14/2010 4:00	01/14/2010 3:00	51.089	0.72614	0.388	16.43	0.425	12.98	44.1258	105.1084643	105.108349	0.510890	105.171460	
2010	14	500	14.208333333	01/14/2010 5:00	01/14/2010 4:00	51.207	0.72782	0.388	16.43	0.425	12.95	44.1219	105.1096416	105.109526	0.512070	105.172640	
2010	14	600	14.250000000	01/14/2010 6:00	01/14/2010 5:00	51.033	0.72534	0.388	16.42	0.425	12.92	44.1276	105.1079056	105.107790	0.510330	105.170900	
2010	14	700	14.291666667	01/14/2010 7:00	01/14/2010 6:00	50.926	0.72382	0.388	16.41	0.425	12.9	44.1311	105.1068381	105.106723	0.509260	105.169830	
2010	14	800	14.333333333	01/14/2010 8:00	01/14/2010 7:00	50.515	0.71798	0.388	16.42	0.425	12.98	44.1446	105.1027377	105.102622	0.505150	105.165720	
2010	14	900	14.375000000	01/14/2010 9:00	01/14/2010 8:00	49.845	0.70846	0.388	16.42	0.425	13.94	44.1665	105.0960534	105.095938	0.498450	105.159020	
2010	14	1000	14.416666667	01/14/2010 10:00	01/14/2010 9:00	49.674	0.70603	0.388	16.42	0.425	13.9	44.1721	105.0943474	105.094232	0.496740	105.157310	
2010	14	1100	14.458333333	01/14/2010 11:00	01/14/2010 10:00	48.793	0.69351	0.389	16.44	0.425	13.86	44.2009	105.085558	105.085443	0.487930	105.148500	
2010	14	1200	14.500000000	01/14/2010 12:00	01/14/2010 11:00	48.921	0.69533	0.388	16.43	0.425	13.8	44.1967	105.086835	105.086720	0.489210	105.149780	
2010	14	1300	14.541666667	01/14/2010 13:00	01/14/2010 12:00	47.944	0.68144	0.388	16.42	0.424	13.78	44.2287	105.0770879	105.076973	0.479440	105.140010	
2010	14	1400	14.583333333	01/14/2010 14:00	01/14/2010 13:00	47.944	0.68144	0.388	16.42	0.424	13.78	44.2287	105.0770879	105.076973	0.479440	105.140010	
2010	14	1500	14.625000000	01/14/2010 15:00	01/14/2010 14:00	47.568	0.67609	0.388	16.43	0.424	13.67	44.2410	105.0733367	105.073221	0.475680	105.136250	
2010	14	1600	14.666666667	01/14/2010 16:00	01/14/2010 15:00	47.301	0.67230	0.388	16.42	0.424	13.52	44.2498	105.0706729	105.070558	0.473010	105.133580	
2010	14	1700	14.708333333	01/14/2010 17:00	01/14/2010 16:00	46.803	0.66522	0.388	16.41	0.425	13.43	44.2661	105.0657046	105.065589	0.468030	105.128600	
2010	14	1800	14.750000000	01/14/2010 18:00	01/14/2010 17:00	46.471	0.66050	0.388	16.4	0.425	13.35	44.2769	105.0623924	105.062277	0.464710	105.125280	
2010	14	1900	14.791666667	01/14/2010 19:00	01/14/2010 18:00	46.12	0.65551	0.388	16.41	0.425	13.29	44.2884	105.0588906	105.058775	0.461200	105.121770	
2010	14	2000	14.833333333	01/14/2010 20:00	01/14/2010 19:00	45.639	0.64868	0.388	16.42	0.425	13.23	44.3042	105.0540918	105.053976	0.456390	105.116960	
2010	14	2100	14.875000000	01/14/2010 21:00	01/14/2010 20:00	45.323	0.64419	0.388	16.43	0.425	13.18	44.3145	105.0509392	105.050824	0.453230	105.113800	
2010	14	2200	14.916666667	01/14/2010 22:00	01/14/2010 21:00	44.984	0.63937	0.388	16.42	0.425	13.12	44.3256	105.0475571	105.047442	0.449840	105.110410	
2010	14	2300	14.958333333	01/14/2010 23:00	01/14/2010 22:00	44.63	0.63434	0.388	16.41	0.425	13.08	44.3372	105.0440254	105.043910	0.446300	105.106870	
2010	14	2400	15.000000000	01/15/2010 0:00	01/14/2010 23:00	44.505	0.63256	0.388	16.42	0.425	13.04	44.3413	105.0427784	105.042663	0.445050	105.105620	
2010	15	100	15.041666667	01/15/2010 1:00	01/15/2010 0:00	44.576	0.63357	0.388	16.41	0.425	13	44.3390	105.0434867	105.043371	0.445760	105.106330	
2010	15	200	15.083333333	01/15/2010 2:00	01/15/2010 1:00	44.605	0.63398	0.388	16.42	0.425	12.97	44.3380	105.043776	105.043661	0.446050	105.106620	
2010	15	300	15.125000000	01/15/2010 3:00	01/15/2010 2:00	44.64	0.63448	0.388	16.43	0.425	12.94	44.3369	105.0441252	105.044010	0.446400	105.106970	
2010	15	400	15.166666667	01/15/2010 4:00	01/15/2010 3:00	44.433	0.63154	0.388	16.41	0.425	12.91	44.3436	105.04206	105.041945	0.444330	105.104900	
2010	15	500	15.208333333	01/15/2010 5:00	01/15/2010 4:00	44.377	0.63074	0.388	16.43	0.425	12.89	44.3455	105.0415014	105.041386	0.443770	105.104340	
2010	15	600	15.250000000	01/15/2010 6:00	01/15/2010 5:00	44.145	0.62744	0.388	16.42	0.425	12.87	44.3531	105.0391868	105.039071	0.441450	105.102020	
2010	15	700	15.291666667	01/15/2010 7:00	01/15/2010 6:00	43.905	0.62403	0.388	16.41	0.425	12.85	44.3609	105.0367924	105.036677	0.439050	105.099620	
2010	15	800	15.333333333	01/15/2010 8:00	01/15/2010 7:00	43.709	0.62125	0.388	16.43	0.424	12.85	44.3673	105.034837	105.034722	0.437090	105.097660	
2010	15	900	15.375000000	01/15/2010 9:00	01/15/2010 8:00	43.448	0.61754	0.388	16.41	0.425	12.84	44.3759	105.0322331	105.032118	0.434480	105.095050	
2010	15	1000	15.416666667	01/15/2010 10:00	01/15/2010 9:00	43.243	0.61462	0.388	16.43	0.424	13.13	44.3826	105.0301879	105.030073	0.432430	105.093000	
2010	15	1100	15.458333333	01/15/2010 11:00	01/15/2010 10:00	42.778	0.60801	0.388	16.42	0.425	13.89	44.3978	105.0255488	105.025433	0.427780	105.088350	
2010	15	1200	15.500000000	01/15/2010 12:00	01/15/2010 11:00	42.757	0.60771	0.388	16.42	0.425	13.85	44.3985	105.0253393	105.025224	0.427570	105.088140	
2010	15	1300	15.541666667	01/15/2010 13:00	01/15/2010 12:00	42.488	0.60389	0.388	16.43	0.425	13.81	44.4073	105.0226555	105.022540	0.424880	105.085450	
2010	15	1400	15.583333333	01/15/2010 14:00	01/15/2010 13:00	42.645	0.60612	0.388	16.44	0.425	13.79	44.4022	105.0242219	105.024107	0.426450	105.087020	
2010	15	1500	15.625000000	01/15/2010 15:00	01/15/2010 14:00	42.63	0.60591	0.388	16.42	0.424	13.62	44.4027	105.0240722	105.023957	0.426300	105.086870	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	15	1600	15.666666667	01/15/2010 16:00	01/15/2010 15:00	42.63	0.60591	0.388	16.42	0.425	13.48	44.4027	105.0240722	105.023957	0.426300	105.086870	
2010	15	1700	15.708333333	01/15/2010 17:00	01/15/2010 16:00	42.67	0.60648	0.388	16.43	0.425	13.36	44.4013	105.0244713	105.024356	0.426700	105.087270	
2010	15	1800	15.750000000	01/15/2010 18:00	01/15/2010 17:00	42.562	0.60494	0.388	16.43	0.425	13.3	44.4049	105.0233938	105.023278	0.425620	105.086190	
2010	15	1900	15.791666667	01/15/2010 19:00	01/15/2010 18:00	42.611	0.60564	0.388	16.45	0.424	13.24	44.4033	105.0238827	105.023767	0.426110	105.086680	
2010	15	2000	15.833333333	01/15/2010 20:00	01/15/2010 19:00	42.501	0.60408	0.388	16.42	0.425	13.18	44.4069	105.0227852	105.022670	0.425010	105.085580	
2010	15	2100	15.875000000	01/15/2010 21:00	01/15/2010 20:00	42.452	0.60338	0.388	16.42	0.425	13.13	44.4085	105.0222964	105.022181	0.424520	105.085090	
2010	15	2200	15.916666667	01/15/2010 22:00	01/15/2010 21:00	42.291	0.60109	0.388	16.43	0.425	13.08	44.4137	105.0206902	105.020575	0.422910	105.083480	
2010	15	2300	15.958333333	01/15/2010 23:00	01/15/2010 22:00	42.083	0.59814	0.388	16.43	0.425	13.05	44.4206	105.018615	105.018500	0.420830	105.081400	
2010	15	2400	16.000000000	01/16/2010 0:00	01/15/2010 23:00	41.825	0.59447	0.388	16.43	0.425	13.01	44.4290	105.0160411	105.015926	0.418250	105.078820	
2010	16	100	16.041666667	01/16/2010 1:00	01/16/2010 0:00	41.639	0.59182	0.388	16.42	0.424	12.97	44.4351	105.0141854	105.014070	0.416390	105.076960	
2010	16	200	16.083333333	01/16/2010 2:00	01/16/2010 1:00	41.507	0.58995	0.388	16.42	0.425	12.94	44.4394	105.0128685	105.012753	0.415070	105.075640	
2010	16	300	16.125000000	01/16/2010 3:00	01/16/2010 2:00	41.359	0.58784	0.388	16.42	0.424	12.92	44.4443	105.011392	105.011277	0.413590	105.074160	
2010	16	400	16.166666667	01/16/2010 4:00	01/16/2010 3:00	41.183	0.58534	0.388	16.42	0.424	12.9	44.4500	105.0096361	105.009521	0.411830	105.072400	
2010	16	500	16.208333333	01/16/2010 5:00	01/16/2010 4:00	41.101	0.58418	0.388	16.42	0.425	12.88	44.4527	105.008818	105.008703	0.411010	105.071580	
2010	16	600	16.250000000	01/16/2010 6:00	01/16/2010 5:00	40.961	0.58219	0.388	16.42	0.424	12.88	44.4573	105.0074213	105.007306	0.409610	105.070180	
2010	16	700	16.291666667	01/16/2010 7:00	01/16/2010 6:00	40.775	0.57954	0.388	16.41	0.425	12.87	44.4634	105.0055656	105.005450	0.407750	105.068320	
2010	16	800	16.333333333	01/16/2010 8:00	01/16/2010 7:00	40.545	0.57628	0.388	16.43	0.425	12.86	44.4709	105.003271	105.003156	0.405450	105.066020	
2010	16	900	16.375000000	01/16/2010 9:00	01/16/2010 8:00	40.251	0.57210	0.389	16.42	0.425	12.88	44.4805	105.0003379	105.000223	0.402510	105.063080	
2010	16	1000	16.416666667	01/16/2010 10:00	01/16/2010 9:00	40.167	0.57090	0.389	16.42	0.425	13.88	44.4833	104.9994998	104.999385	0.401670	105.062240	
2010	16	1100	16.458333333	01/16/2010 11:00	01/16/2010 10:00	39.904	0.56716	0.389	16.42	0.425	13.89	44.4919	104.996876	104.996761	0.399040	105.059610	
2010	16	1200	16.500000000	01/16/2010 12:00	01/16/2010 11:00	39.683	0.56402	0.389	16.41	0.425	13.88	44.4991	104.9946712	104.994556	0.396830	105.057400	
2010	16	1300	16.541666667	01/16/2010 13:00	01/16/2010 12:00	39.654	0.56361	0.389	16.43	0.425	13.86	44.5001	104.9943819	104.994267	0.396540	105.057110	
2010	16	1400	16.583333333	01/16/2010 14:00	01/16/2010 13:00	39.36	0.55943	0.389	16.42	0.425	13.86	44.5097	104.9914487	104.991333	0.393600	105.054170	
2010	16	1500	16.625000000	01/16/2010 15:00	01/16/2010 14:00	39.243	0.55777	0.389	16.42	0.425	13.78	44.5135	104.9902815	104.990166	0.392430	105.053000	
2010	16	1600	16.666666667	01/16/2010 16:00	01/16/2010 15:00	39.114	0.55594	0.389	16.43	0.426	13.59	44.5177	104.9889945	104.988879	0.391140	105.051710	
2010	16	1700	16.708333333	01/16/2010 17:00	01/16/2010 16:00	38.998	0.55429	0.389	16.43	0.426	13.48	44.5215	104.9878372	104.987722	0.389980	105.050550	
2010	16	1800	16.750000000	01/16/2010 18:00	01/16/2010 17:00	38.881	0.55262	0.39	16.42	0.427	13.41	44.5254	104.9866699	104.986555	0.388810	105.049380	
2010	16	1900	16.791666667	01/16/2010 19:00	01/16/2010 18:00	38.565	0.54813	0.391	16.44	0.427	13.33	44.5357	104.9835173	104.983402	0.385650	105.046220	
2010	16	2000	16.833333333	01/16/2010 20:00	01/16/2010 19:00	38.308	0.54448	0.391	16.43	0.428	13.28	44.5441	104.9809533	104.980838	0.383080	105.043650	
2010	16	2100	16.875000000	01/16/2010 21:00	01/16/2010 20:00	38.005	0.54017	0.391	16.43	0.428	13.22	44.5540	104.9779304	104.977815	0.380050	105.040620	
2010	16	2200	16.916666667	01/16/2010 22:00	01/16/2010 21:00	37.832	0.53771	0.391	16.45	0.427	13.17	44.5597	104.9762045	104.976089	0.378320	105.038890	
2010	16	2300	16.958333333	01/16/2010 23:00	01/16/2010 22:00	37.387	0.53139	0.391	16.42	0.427	13.13	44.5743	104.9717649	104.971650	0.373870	105.034440	
2010	16	2400	17.000000000	01/17/2010 0:00	01/16/2010 23:00	37.106	0.52740	0.391	16.42	0.427	13.08	44.5835	104.9689615	104.968846	0.371060	105.031630	
2010	17	100	17.041666667	01/17/2010 1:00	01/17/2010 0:00	36.977	0.52556	0.391	16.4	0.427	13.05	44.5877	104.9676745	104.967559	0.369770	105.030340	
2010	17	200	17.083333333	01/17/2010 2:00	01/17/2010 1:00	37.025	0.52624	0.391	16.42	0.427	13.01	44.5861	104.9681534	104.968038	0.370250	105.030820	
2010	17	300	17.125000000	01/17/2010 3:00	01/17/2010 2:00	37.05	0.52660	0.391	16.43	0.427	12.98	44.5853	104.9684028	104.968287	0.370500	105.031070	
2010	17	400	17.166666667	01/17/2010 4:00	01/17/2010 3:00	37.225	0.52909	0.391	16.44	0.427	12.95	44.5796	104.9701487	104.970033	0.372250	105.032820	
2010	17	500	17.208333333	01/17/2010 5:00	01/17/2010 4:00	37.32	0.53044	0.391	16.43	0.427	12.92	44.5765	104.9710965	104.970981	0.373200	105.033770	
2010	17	600	17.250000000	01/17/2010 6:00	01/17/2010 5:00	37.366	0.53109	0.391	16.44	0.427	12.9	44.5749	104.9715554	104.971440	0.373660	105.034230	
2010	17	700	17.291666667	01/17/2010 7:00	01/17/2010 6:00	37.532	0.53345	0.39	16.43	0.427	12.89	44.5695	104.9732115	104.973096	0.375320	105.035890	
2010	17	800	17.333333333	01/17/2010 8:00	01/17/2010 7:00	37.565	0.53392	0.389	16.44	0.425	12.87	44.5684	104.9735407	104.973425	0.375650	105.036220	
2010	17	900	17.375000000	01/17/2010 9:00	01/17/2010 8:00	37.506	0.53308	0.388	16.43	0.425	12.88	44.5704	104.9729521	104.972837	0.375060	105.035630	
2010	17	1000	17.416666667	01/17/2010 10:00	01/17/2010 9:00	37.4	0.53157	0.388	16.42	0.425	13.92	44.5738	104.9718946	104.971779	0.374000	105.034570	
2010	17	1100	17.458333333	01/17/2010 11:00	01/17/2010 10:00	37.293	0.53005	0.389	16.42	0.425	13.94	44.5773	104.9708271	104.970712	0.372930	105.033500	
2010	17	1200	17.500000000	01/17/2010 12:00	01/17/2010 11:00	37.009	0.52602	0.389	16.42	0.425	13.94	44.5866	104.9679937	104.967878	0.370090	105.030660	
2010	17	1300	17.541666667	01/17/2010 13:00	01/17/2010 12:00	36.782	0.52279	0.389	16.43	0.426	13.92	44.5941	104.965729	104.965614	0.367820	105.028390	
2010	17	1400	17.583333333	01/17/2010 14:00	01/17/2010 13:00	36.675	0.52127	0.39	16.43	0.427	13.81	44.5976	104.9646615	104.964546	0.366750	105.027320	
2010	17	1500	17.625000000	01/17/2010 15:00	01/17/2010 14:00	36.406	0.51745	0.39	16.42	0.427	13.72	44.6064	104.9619778	104.961862	0.364060	105.024630	
2010	17	1600	17.666666667	01/17/2010 16:00	01/17/2010 15:00	36.17	0.51409	0.39	16.43	0.427	13.57	44.6141	104.9596234	104.959508	0.361700	105.022270	
2010	17	1700	17.708333333	01/17/2010 17:00	01/17/2010 16:00	35.947	0.51092	0.39	16.43	0.427	13.48	44.6214	104.9573986	104.957283	0.359470	105.020040	
2010	17	1800	17.750000000	01/17/2010 18:00	01/17/2010 17:00	35.818	0.50909	0.39	16.42	0.427	13.4	44.6256	104.9561116	104.955996	0.358180	105.018750	
2010	17	1900	17.791666667	01/17/2010 19:00	01/17/2010 18:00	35.565	0.50549	0.39	16.42	0.427	13.34	44.6339	104.9535875	104.953472	0.355650	105.016220	
2010	17	2000	17.833333333	01/17/2010 20:00	01/17/2010 19:00	35.25	0.50102	0.39	16.42	0.427	13.27	44.6442	104.9504449	104.950330	0.352500	105.013070	
2010	17	2100	17.875000000	01/17/2010 21:00	01/17/2010 20:00	34.98	0.49718	0.39	16.43	0.427	13.22	44.6530	104.9477512	104.947636	0.349800	105.010370	
2010	17	2200	17.916666667	01/17/2010 22:00	01/17/2010 21:00	34.745	0.49384	0.391	16.41	0.427	13.17	44.6607	104.9454067	104.945291	0.347450	105.008020	
2010	17	2300	17.958333333	01/17/2010 23:00	01/17/2010 22:00	34.382	0.48868	0.391	16.43	0.427	13.12	44.6726	104.9417852	104.941670	0.343820	105.004390	
2010	17	2400	18.000000000	01/18/2010 0:00	01/17/2010 23:00	34.349	0.48821	0.391	16.41	0.427	13.09	44.6737	104.941456	104.941341	0.343490	105.004060	
2010	18	100	18.041666667	01/18/2010 1:00	01/18/2010 0:00	34.506	0.49044	0.39	16.42	0.427	13.05	44.6686	104.9430223	104.942907	0.345060	105.005630	
2010	18	200	18.083333333	01/18/2010 2:00	01/18/2010 1:00	34.253	0.48685	0.39	16.43	0.427	13	44.6768	104.9404982	104.940383	0.342530	105.003100	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	18	300	18.125000000	01/18/2010 3:00	01/18/2010 2:00	34.242	0.48669	0.39	16.42	0.426	12.97	44.6772	104.9403885	104.940273	0.342420	105.002990	
2010	18	400	18.166666667	01/18/2010 4:00	01/18/2010 3:00	34.147	0.48534	0.39	16.42	0.426	12.94	44.6803	104.9394407	104.939325	0.341470	105.002040	
2010	18	500	18.208333333	01/18/2010 5:00	01/18/2010 4:00	34.066	0.48419	0.39	16.42	0.427	12.91	44.6830	104.9386326	104.938517	0.340660	105.001230	
2010	18	600	18.250000000	01/18/2010 6:00	01/18/2010 5:00	34.049	0.48395	0.39	16.42	0.427	12.89	44.6835	104.938463	104.938348	0.340490	105.001060	
2010	18	700	18.291666667	01/18/2010 7:00	01/18/2010 6:00	33.912	0.48200	0.391	16.42	0.427	12.87	44.6880	104.9370962	104.936981	0.339120	104.999690	
2010	18	800	18.333333333	01/18/2010 8:00	01/18/2010 7:00	33.773	0.48002	0.391	16.42	0.427	12.86	44.6926	104.9357094	104.935594	0.337730	104.998300	
2010	18	900	18.375000000	01/18/2010 9:00	01/18/2010 8:00	33.303	0.47334	0.39	16.41	0.427	14.04	44.7079	104.9310204	104.930905	0.333030	104.993600	
2010	18	1000	18.416666667	01/18/2010 10:00	01/18/2010 9:00	33.176	0.47154	0.391	16.41	0.427	14.02	44.7121	104.9297534	104.929638	0.331760	104.992330	
2010	18	1100	18.458333333	01/18/2010 11:00	01/18/2010 10:00	32.674	0.46440	0.391	16.42	0.428	13.95	44.7285	104.9247452	104.924630	0.326740	104.987310	
2010	18	1200	18.500000000	01/18/2010 12:00	01/18/2010 11:00	32.226	0.45804	0.39	16.42	0.427	13.88	44.7432	104.9202756	104.920160	0.322260	104.982830	
2010	18	1300	18.541666667	01/18/2010 13:00	01/18/2010 12:00	32.092	0.45613	0.39	16.43	0.427	13.8	44.7476	104.9189388	104.918823	0.320920	104.981490	
2010	18	1400	18.583333333	01/18/2010 14:00	01/18/2010 13:00	32.349	0.45978	0.39	16.42	0.427	13.74	44.7392	104.9215028	104.921387	0.323490	104.984060	
2010	18	1500	18.625000000	01/18/2010 15:00	01/18/2010 14:00	32.025	0.45518	0.39	16.43	0.427	13.76	44.7498	104.9182703	104.918155	0.320250	104.980820	
2010	18	1600	18.666666667	01/18/2010 16:00	01/18/2010 15:00	32.048	0.45551	0.39	16.43	0.427	13.68	44.7490	104.9184998	104.918384	0.320480	104.981050	
2010	18	1700	18.708333333	01/18/2010 17:00	01/18/2010 16:00	31.985	0.45461	0.39	16.43	0.427	13.52	44.7511	104.9178713	104.917756	0.319850	104.980420	
2010	18	1800	18.750000000	01/18/2010 18:00	01/18/2010 17:00	31.84	0.45255	0.39	16.42	0.427	13.44	44.7558	104.9164247	104.916309	0.318400	104.978970	
2010	18	1900	18.791666667	01/18/2010 19:00	01/18/2010 18:00	31.615	0.44935	0.39	16.4	0.427	13.36	44.7632	104.9141799	104.914065	0.316150	104.976720	
2010	18	2000	18.833333333	01/18/2010 20:00	01/18/2010 19:00	31.503	0.44776	0.39	16.42	0.426	13.3	44.7669	104.9130626	104.912947	0.315030	104.975600	
2010	18	2100	18.875000000	01/18/2010 21:00	01/18/2010 20:00	31.398	0.44627	0.39	16.42	0.426	13.24	44.7703	104.912015	104.911900	0.313980	104.974550	
2010	18	2200	18.916666667	01/18/2010 22:00	01/18/2010 21:00	31.152	0.44277	0.39	16.42	0.426	13.19	44.7783	104.9095608	104.909445	0.311520	104.972090	
2010	18	2300	18.958333333	01/18/2010 23:00	01/18/2010 22:00	31.105	0.44210	0.39	16.43	0.426	13.15	44.7799	104.9090919	104.908977	0.311050	104.971620	
2010	18	2400	19.000000000	01/19/2010 0:00	01/18/2010 23:00	30.87	0.43876	0.39	16.43	0.426	13.1	44.7876	104.9067474	104.906632	0.308700	104.969270	
2010	19	100	19.041666667	01/19/2010 1:00	01/19/2010 0:00	30.589	0.43477	0.39	16.43	0.426	13.06	44.7968	104.9039439	104.903829	0.305890	104.966460	
2010	19	200	19.083333333	01/19/2010 2:00	01/19/2010 1:00	30.412	0.43225	0.389	16.43	0.426	13.02	44.8026	104.9021781	104.902063	0.304120	104.964690	
2010	19	300	19.125000000	01/19/2010 3:00	01/19/2010 2:00	30.189	0.42908	0.389	16.41	0.426	12.99	44.8099	104.8999533	104.899838	0.301890	104.962460	
2010	19	400	19.166666667	01/19/2010 4:00	01/19/2010 3:00	30.026	0.42677	0.389	16.44	0.426	12.96	44.8152	104.8983271	104.898212	0.300260	104.960830	
2010	19	500	19.208333333	01/19/2010 5:00	01/19/2010 4:00	29.693	0.42203	0.389	16.43	0.425	12.93	44.8261	104.8950049	104.894890	0.296930	104.957500	
2010	19	600	19.250000000	01/19/2010 6:00	01/19/2010 5:00	29.238	0.41557	0.389	16.44	0.425	12.91	44.8410	104.8904655	104.890350	0.292380	104.952950	
2010	19	700	19.291666667	01/19/2010 7:00	01/19/2010 6:00	29.278	0.41613	0.389	16.41	0.425	12.88	44.8397	104.8908646	104.890749	0.292780	104.953350	
2010	19	800	19.333333333	01/19/2010 8:00	01/19/2010 7:00	28.754	0.40869	0.389	16.4	0.426	13.97	44.8568	104.8856369	104.885522	0.287540	104.948110	
2010	19	900	19.375000000	01/19/2010 9:00	01/19/2010 8:00	28.59	0.40636	0.389	16.42	0.425	14.06	44.8622	104.8840007	104.883885	0.285900	104.946470	
2010	19	1000	19.416666667	01/19/2010 10:00	01/19/2010 9:00	28.218	0.40107	0.389	16.41	0.426	14.02	44.8744	104.8802894	104.880174	0.282180	104.942750	
2010	19	1100	19.458333333	01/19/2010 11:00	01/19/2010 10:00	28.163	0.40029	0.389	16.43	0.425	13.96	44.8762	104.8797407	104.879625	0.281630	104.942200	
2010	19	1200	19.500000000	01/19/2010 12:00	01/19/2010 11:00	27.943	0.39716	0.389	16.44	0.425	13.92	44.8834	104.8775458	104.877430	0.279430	104.940000	
2010	19	1300	19.541666667	01/19/2010 13:00	01/19/2010 12:00	27.526	0.39123	0.389	16.43	0.425	13.89	44.8970	104.8733856	104.873270	0.275260	104.935830	
2010	19	1400	19.583333333	01/19/2010 14:00	01/19/2010 13:00	27.238	0.38714	0.389	16.44	0.425	13.83	44.9065	104.8705123	104.870397	0.272380	104.932950	
2010	19	1500	19.625000000	01/19/2010 15:00	01/19/2010 14:00	27.454	0.39021	0.389	16.43	0.425	13.82	44.8994	104.8726673	104.872552	0.274540	104.935110	
2010	19	1600	19.666666667	01/19/2010 16:00	01/19/2010 15:00	27.291	0.38789	0.389	16.43	0.425	13.64	44.9047	104.8710411	104.870926	0.272910	104.933480	
2010	19	1700	19.708333333	01/19/2010 17:00	01/19/2010 16:00	27.354	0.38879	0.389	16.42	0.425	13.52	44.9027	104.8716696	104.871554	0.273540	104.934110	
2010	19	1800	19.750000000	01/19/2010 18:00	01/19/2010 17:00	27.39	0.38930	0.389	16.42	0.425	13.43	44.9015	104.8720288	104.871913	0.273900	104.934470	
2010	19	1900	19.791666667	01/19/2010 19:00	01/19/2010 18:00	27.406	0.38953	0.389	16.41	0.425	13.35	44.9010	104.8721884	104.872073	0.274060	104.934630	
2010	19	2000	19.833333333	01/19/2010 20:00	01/19/2010 19:00	27.293	0.38792	0.389	16.42	0.425	13.29	44.9047	104.8710611	104.870946	0.272930	104.933500	
2010	19	2100	19.875000000	01/19/2010 21:00	01/19/2010 20:00	27.529	0.39128	0.389	16.42	0.425	13.24	44.8969	104.8734155	104.873300	0.275290	104.935860	
2010	19	2200	19.916666667	01/19/2010 22:00	01/19/2010 21:00	27.589	0.39213	0.388	16.41	0.425	13.18	44.8950	104.8740141	104.873899	0.275890	104.936460	
2010	19	2300	19.958333333	01/19/2010 23:00	01/19/2010 22:00	27.755	0.39449	0.389	16.43	0.425	13.13	44.8895	104.8756702	104.875555	0.277550	104.938120	
2010	19	2400	20.000000000	01/20/2010 0:00	01/19/2010 23:00	28.122	0.39970	0.389	16.43	0.425	13.09	44.8775	104.8793317	104.879216	0.281220	104.941790	
2010	20	100	20.041666667	01/20/2010 1:00	01/20/2010 0:00	28.146	0.40005	0.388	16.4	0.425	13.06	44.8767	104.8795711	104.879456	0.281460	104.942030	
2010	20	200	20.083333333	01/20/2010 2:00	01/20/2010 1:00	28.373	0.40327	0.388	16.43	0.425	13.01	44.8693	104.8818358	104.881720	0.283730	104.944300	
2010	20	300	20.125000000	01/20/2010 3:00	01/20/2010 2:00	28.626	0.40687	0.389	16.43	0.425	12.98	44.8610	104.8843599	104.884245	0.286260	104.946830	
2010	20	400	20.166666667	01/20/2010 4:00	01/20/2010 3:00	28.592	0.40638	0.389	16.44	0.425	12.95	44.8621	104.8840207	104.883905	0.285920	104.946490	
2010	20	500	20.208333333	01/20/2010 5:00	01/20/2010 4:00	28.674	0.40755	0.389	16.42	0.425	12.91	44.8595	104.8848387	104.884723	0.286740	104.947310	
2010	20	600	20.250000000	01/20/2010 6:00	01/20/2010 5:00	28.771	0.40893	0.389	16.42	0.425	12.89	44.8563	104.8858065	104.885691	0.287710	104.948280	
2010	20	700	20.291666667	01/20/2010 7:00	01/20/2010 6:00	28.755	0.40870	0.389	16.41	0.425	12.87	44.8568	104.8856468	104.885531	0.287550	104.948120	
2010	20	800	20.333333333	01/20/2010 8:00	01/20/2010 7:00	28.672	0.40752	0.389	16.42	0.426	13.03	44.8595	104.8848188	104.884703	0.286720	104.947290	
2010	20	900	20.375000000	01/20/2010 9:00	01/20/2010 8:00	28.472	0.40468	0.389	16.43	0.426	14.03	44.8661	104.8828235	104.882708	0.284720	104.945290	
2010	20	1000	20.416666667	01/20/2010 10:00	01/20/2010 9:00	28.429	0.40407	0.389	16.41	0.426	14	44.8675	104.8823945	104.882279	0.284290	104.944860	
2010	20	1100	20.458333333	01/20/2010 11:00	01/20/2010 10:00	28.394	0.40357	0.389	16.43	0.426	13.94	44.8686	104.8820453	104.881930	0.283940	104.944510	
2010	20	1200	20.500000000	01/20/2010 12:00	01/20/2010 11:00	28.068	0.39894	0.389	16.43	0.425	13.88	44.8793	104.8787929	104.878678	0.280680	104.941250	
2010	20	1300	20.541666667	01/20/2010 13:00	01/20/2010 12:00	27.954	0.39732	0.389	16.43	0.425	13.86	44.8830	104.8776556	104.877540	0.279540	104.940110	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	20	1400	20.583333333	01/20/2010 14:00	01/20/2010 13:00	27.707	0.39381	0.389	16.44	0.426	13.85	44.8911	104.8751914	104.875076	0.277070	104.937640	
2010	20	1500	20.625000000	01/20/2010 15:00	01/20/2010 14:00	27.799	0.39511	0.389	16.41	0.425	13.84	44.8881	104.8761092	104.875994	0.277990	104.938560	
2010	20	1600	20.666666667	01/20/2010 16:00	01/20/2010 15:00	27.812	0.39530	0.389	16.41	0.425	13.65	44.8877	104.8762389	104.876124	0.278120	104.938690	
2010	20	1700	20.708333333	01/20/2010 17:00	01/20/2010 16:00	27.742	0.39430	0.389	16.44	0.425	13.52	44.8900	104.8755405	104.875425	0.277420	104.937990	
2010	20	1800	20.750000000	01/20/2010 18:00	01/20/2010 17:00	27.707	0.39381	0.389	16.41	0.425	13.43	44.8911	104.8751914	104.875076	0.277070	104.937640	
2010	20	1900	20.791666667	01/20/2010 19:00	01/20/2010 18:00	27.501	0.39088	0.388	16.42	0.425	13.36	44.8978	104.8731362	104.873021	0.275010	104.935580	
2010	20	2000	20.833333333	01/20/2010 20:00	01/20/2010 19:00	27.662	0.39317	0.389	16.44	0.425	13.29	44.8926	104.8747424	104.874627	0.276620	104.937190	
2010	20	2100	20.875000000	01/20/2010 21:00	01/20/2010 20:00	27.731	0.39415	0.389	16.43	0.425	13.23	44.8903	104.8754308	104.875315	0.277310	104.937880	
2010	20	2200	20.916666667	01/20/2010 22:00	01/20/2010 21:00	27.728	0.39410	0.388	16.43	0.425	13.18	44.8904	104.8754009	104.875286	0.277280	104.937850	
2010	20	2300	20.958333333	01/20/2010 23:00	01/20/2010 22:00	27.657	0.39310	0.388	16.41	0.425	13.13	44.8927	104.8746925	104.874577	0.276570	104.937140	
2010	20	2400	21.000000000	01/21/2010 0:00	01/20/2010 23:00	27.811	0.39528	0.389	16.43	0.425	13.09	44.8877	104.8762289	104.876114	0.278110	104.938680	
2010	21	100	21.041666667	01/21/2010 1:00	01/21/2010 0:00	27.811	0.39528	0.389	16.44	0.425	13.05	44.8877	104.8762289	104.876114	0.278110	104.938680	
2010	21	200	21.083333333	01/21/2010 2:00	01/21/2010 1:00	28.048	0.39865	0.389	16.43	0.425	13.01	44.8799	104.8785934	104.878478	0.280480	104.941050	
2010	21	300	21.125000000	01/21/2010 3:00	01/21/2010 2:00	28.143	0.40000	0.389	16.43	0.425	12.98	44.8768	104.8795412	104.879426	0.281430	104.942000	
2010	21	400	21.166666667	01/21/2010 4:00	01/21/2010 3:00	28.135	0.39989	0.389	16.42	0.425	12.94	44.8771	104.8794614	104.879346	0.281350	104.941920	
2010	21	500	21.208333333	01/21/2010 5:00	01/21/2010 4:00	28.163	0.40029	0.389	16.43	0.425	12.92	44.8762	104.8797407	104.879625	0.281630	104.942200	
2010	21	600	21.250000000	01/21/2010 6:00	01/21/2010 5:00	28.321	0.40253	0.389	16.41	0.425	12.89	44.8710	104.881317	104.881202	0.283210	104.943780	
2010	21	700	21.291666667	01/21/2010 7:00	01/21/2010 6:00	28.309	0.40236	0.389	16.43	0.425	12.87	44.8714	104.8811973	104.881082	0.283090	104.943660	
2010	21	800	21.333333333	01/21/2010 8:00	01/21/2010 7:00	28.349	0.40293	0.389	16.43	0.425	12.85	44.8701	104.8815963	104.881481	0.283490	104.944060	
2010	21	900	21.375000000	01/21/2010 9:00	01/21/2010 8:00	28.081	0.39912	0.389	16.43	0.425	14.02	44.8789	104.8789226	104.878807	0.280810	104.941380	
2010	21	1000	21.416666667	01/21/2010 10:00	01/21/2010 9:00	27.664	0.39319	0.389	16.42	0.425	13.99	44.8925	104.8747624	104.874647	0.276640	104.937210	
2010	21	1100	21.458333333	01/21/2010 11:00	01/21/2010 10:00	27.396	0.38939	0.389	16.41	0.425	13.93	44.9013	104.8720886	104.871973	0.273960	104.934530	
2010	21	1200	21.500000000	01/21/2010 12:00	01/21/2010 11:00	27.257	0.38741	0.389	16.43	0.425	13.86	44.9058	104.8707019	104.870587	0.272570	104.933140	
2010	21	1300	21.541666667	01/21/2010 13:00	01/21/2010 12:00	27.425	0.38980	0.389	16.42	0.425	13.85	44.9003	104.872378	104.872263	0.274250	104.934820	
2010	21	1400	21.583333333	01/21/2010 14:00	01/21/2010 13:00	27.351	0.38875	0.389	16.43	0.425	13.8	44.9028	104.8716397	104.871524	0.273510	104.934080	
2010	21	1500	21.625000000	01/21/2010 15:00	01/21/2010 14:00	27.054	0.38452	0.388	16.43	0.425	13.81	44.9125	104.8686766	104.868561	0.270540	104.931110	
2010	21	1600	21.666666667	01/21/2010 16:00	01/21/2010 15:00	27.216	0.38683	0.388	16.43	0.425	13.81	44.9072	104.8702929	104.870178	0.272160	104.932730	
2010	21	1700	21.708333333	01/21/2010 17:00	01/21/2010 16:00	27.268	0.38757	0.389	16.43	0.425	13.65	44.9055	104.8708116	104.870696	0.272680	104.933250	
2010	21	1800	21.750000000	01/21/2010 18:00	01/21/2010 17:00	27.297	0.38798	0.389	16.43	0.425	13.52	44.9045	104.871101	104.870986	0.272970	104.933540	
2010	21	1900	21.791666667	01/21/2010 19:00	01/21/2010 18:00	27.306	0.38811	0.389	16.42	0.425	13.43	44.9042	104.8711907	104.871075	0.273060	104.933630	
2010	21	2000	21.833333333	01/21/2010 20:00	01/21/2010 19:00	27.194	0.38651	0.388	16.43	0.425	13.36	44.9079	104.8700734	104.869958	0.271940	104.932510	
2010	21	2100	21.875000000	01/21/2010 21:00	01/21/2010 20:00	27.183	0.38636	0.389	16.44	0.425	13.31	44.9083	104.8699636	104.869848	0.271830	104.932400	
2010	21	2200	21.916666667	01/21/2010 22:00	01/21/2010 21:00	27.044	0.38438	0.388	16.42	0.425	13.25	44.9128	104.8685769	104.868462	0.270440	104.931010	
2010	21	2300	21.958333333	01/21/2010 23:00	01/21/2010 22:00	26.853	0.38167	0.388	16.43	0.425	13.2	44.9191	104.8666713	104.866556	0.268530	104.929100	
2010	21	2400	22.000000000	01/22/2010 0:00	01/21/2010 23:00	26.877	0.38201	0.388	16.43	0.425	13.15	44.9183	104.8669108	104.866795	0.268770	104.929340	
2010	22	100	22.041666667	01/22/2010 1:00	01/22/2010 0:00	27.151	0.38590	0.388	16.42	0.425	13.1	44.9093	104.8696444	104.869529	0.271510	104.932080	
2010	22	200	22.083333333	01/22/2010 2:00	01/22/2010 1:00	27.614	0.39248	0.389	16.42	0.425	13.06	44.8941	104.8742635	104.874148	0.276140	104.936710	
2010	22	300	22.125000000	01/22/2010 3:00	01/22/2010 2:00	27.991	0.39784	0.389	16.41	0.425	13.02	44.8818	104.8780247	104.877909	0.279910	104.940480	
2010	22	400	22.166666667	01/22/2010 4:00	01/22/2010 3:00	28.414	0.40385	0.389	16.41	0.425	12.99	44.8680	104.8822448	104.882129	0.284140	104.944710	
2010	22	500	22.208333333	01/22/2010 5:00	01/22/2010 4:00	28.671	0.40751	0.389	16.41	0.426	12.95	44.8596	104.8848088	104.884693	0.286710	104.947280	
2010	22	600	22.250000000	01/22/2010 6:00	01/22/2010 5:00	28.849	0.41004	0.389	16.42	0.426	12.93	44.8537	104.8865846	104.886469	0.288490	104.949060	
2010	22	700	22.291666667	01/22/2010 7:00	01/22/2010 6:00	28.872	0.41036	0.389	16.42	0.426	12.9	44.8530	104.8868141	104.886699	0.288720	104.949290	
2010	22	800	22.333333333	01/22/2010 8:00	01/22/2010 7:00	28.672	0.40752	0.389	16.42	0.426	12.87	44.8595	104.8848188	104.884703	0.286720	104.947290	
2010	22	900	22.375000000	01/22/2010 9:00	01/22/2010 8:00	28.25	0.40152	0.39	16.41	0.426	14.02	44.8733	104.8806087	104.880493	0.282500	104.943070	
2010	22	1000	22.416666667	01/22/2010 10:00	01/22/2010 9:00	28.193	0.40071	0.389	16.43	0.426	14.02	44.8752	104.88004	104.879925	0.281930	104.942500	
2010	22	1100	22.458333333	01/22/2010 11:00	01/22/2010 10:00	27.998	0.39794	0.389	16.44	0.426	13.96	44.8816	104.8780946	104.877979	0.279980	104.940550	
2010	22	1200	22.500000000	01/22/2010 12:00	01/22/2010 11:00	27.755	0.39449	0.389	16.44	0.426	13.92	44.8895	104.8756702	104.875555	0.277550	104.938120	
2010	22	1300	22.541666667	01/22/2010 13:00	01/22/2010 12:00	27.623	0.39261	0.389	16.44	0.426	13.9	44.8939	104.8743533	104.874238	0.276230	104.936800	
2010	22	1400	22.583333333	01/22/2010 14:00	01/22/2010 13:00	27.705	0.39378	0.389	16.43	0.425	13.92	44.8912	104.8751714	104.875056	0.277050	104.937620	
2010	22	1500	22.625000000	01/22/2010 15:00	01/22/2010 14:00	27.647	0.39295	0.389	16.42	0.425	13.94	44.8931	104.8745928	104.874477	0.276470	104.937040	
2010	22	1600	22.666666667	01/22/2010 16:00	01/22/2010 15:00	27.734	0.39419	0.389	16.43	0.425	13.81	44.8902	104.8754607	104.875345	0.277340	104.937910	
2010	22	1700	22.708333333	01/22/2010 17:00	01/22/2010 16:00	27.747	0.39437	0.389	16.42	0.425	13.66	44.8898	104.8755904	104.875475	0.277470	104.938040	
2010	22	1800	22.750000000	01/22/2010 18:00	01/22/2010 17:00	27.935	0.39705	0.389	16.44	0.425	13.55	44.8836	104.877466	104.877351	0.279350	104.939920	
2010	22	1900	22.791666667	01/22/2010 19:00	01/22/2010 18:00	28.065	0.39889	0.389	16.43	0.425	13.47	44.8794	104.878763	104.878648	0.280650	104.941220	
2010	22	2000	22.833333333	01/22/2010 20:00	01/22/2010 19:00	28.08	0.39911	0.389	16.42	0.425	13.4	44.8789	104.8789126	104.878797	0.280800	104.941370	
2010	22	2100	22.875000000	01/22/2010 21:00	01/22/2010 20:00	27.988	0.39780	0.389	16.42	0.425	13.34	44.8819	104.8779948	104.877879	0.279880	104.940450	
2010	22	2200	22.916666667	01/22/2010 22:00	01/22/2010 21:00	28.01	0.39811	0.389	16.43	0.425	13.28	44.8812	104.8782143	104.878099	0.280100	104.940670	
2010	22	2300	22.958333333	01/22/2010 23:00	01/22/2010 22:00	28.007	0.39807	0.389	16.43	0.425	13.23	44.8813	104.8781843	104.878069	0.280070	104.940640	
2010	22	2400	23.000000000	01/23/2010 0:00	01/22/2010 23:00	28.324	0.40258	0.389	16.44	0.425	13.19	44.8709	104.8813469	104.881232	0.283240	104.943810	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	23	100	23.041666667	01/23/2010 1:00	01/23/2010 0:00	28.714	0.40812	0.389	16.43	0.425	13.13	44.8581	104.8852378	104.885122	0.287140	104.947710	
2010	23	200	23.083333333	01/23/2010 2:00	01/23/2010 1:00	29.263	0.41592	0.389	16.43	0.425	13.1	44.8402	104.890715	104.890600	0.292630	104.953200	
2010	23	300	23.125000000	01/23/2010 3:00	01/23/2010 2:00	29.743	0.42274	0.389	16.45	0.426	13.06	44.8245	104.8955037	104.895388	0.297430	104.958000	
2010	23	400	23.166666667	01/23/2010 4:00	01/23/2010 3:00	30.239	0.42979	0.39	16.43	0.426	13.02	44.8082	104.9004521	104.900337	0.302390	104.962960	
2010	23	500	23.208333333	01/23/2010 5:00	01/23/2010 4:00	30.467	0.43303	0.389	16.43	0.426	12.98	44.8008	104.9027268	104.902611	0.304670	104.965240	
2010	23	600	23.250000000	01/23/2010 6:00	01/23/2010 5:00	30.821	0.43807	0.389	16.41	0.426	12.95	44.7892	104.9062585	104.906143	0.308210	104.968780	
2010	23	700	23.291666667	01/23/2010 7:00	01/23/2010 6:00	31.046	0.44126	0.389	16.43	0.426	12.92	44.7818	104.9085032	104.908388	0.310460	104.971030	
2010	23	800	23.333333333	01/23/2010 8:00	01/23/2010 7:00	31.044	0.44124	0.389	16.43	0.426	12.9	44.7819	104.9084833	104.908368	0.310440	104.971010	
2010	23	900	23.375000000	01/23/2010 9:00	01/23/2010 8:00	31.216	0.44368	0.389	16.45	0.426	13.93	44.7762	104.9101993	104.910084	0.312160	104.972730	
2010	23	1000	23.416666667	01/23/2010 10:00	01/23/2010 9:00	31.411	0.44645	0.389	16.43	0.426	13.94	44.7699	104.9121447	104.912029	0.314110	104.974680	
2010	23	1100	23.458333333	01/23/2010 11:00	01/23/2010 10:00	31.111	0.44219	0.39	16.43	0.426	13.88	44.7797	104.9091517	104.909036	0.311110	104.971680	
2010	23	1200	23.500000000	01/23/2010 12:00	01/23/2010 11:00	31.803	0.45202	0.389	16.44	0.426	13.82	44.7570	104.9160555	104.915940	0.318030	104.978600	
2010	23	1300	23.541666667	01/23/2010 13:00	01/23/2010 12:00	31.62	0.44942	0.389	16.44	0.426	13.82	44.7630	104.9142298	104.914114	0.316200	104.976770	
2010	23	1400	23.583333333	01/23/2010 14:00	01/23/2010 13:00	31.667	0.45009	0.389	16.45	0.426	13.82	44.7615	104.9146987	104.914583	0.316670	104.977240	
2010	23	1500	23.625000000	01/23/2010 15:00	01/23/2010 14:00	31.645	0.44978	0.389	16.44	0.426	13.82	44.7622	104.9144792	104.914364	0.316450	104.977020	
2010	23	1600	23.666666667	01/23/2010 16:00	01/23/2010 15:00	31.703	0.45060	0.39	16.43	0.426	13.74	44.7603	104.9150579	104.914943	0.317030	104.977600	
2010	23	1700	23.708333333	01/23/2010 17:00	01/23/2010 16:00	31.942	0.45400	0.39	16.43	0.426	13.65	44.7525	104.9174423	104.917327	0.319420	104.979990	
2010	23	1800	23.750000000	01/23/2010 18:00	01/23/2010 17:00	32.026	0.45519	0.39	16.45	0.426	13.52	44.7497	104.9182803	104.918165	0.320260	104.980830	
2010	23	1900	23.791666667	01/23/2010 19:00	01/23/2010 18:00	32.006	0.45491	0.39	16.42	0.427	13.44	44.7504	104.9180808	104.917965	0.320060	104.980630	
2010	23	2000	23.833333333	01/23/2010 20:00	01/23/2010 19:00	32.109	0.45637	0.39	16.44	0.427	13.36	44.7470	104.9191084	104.918993	0.321090	104.981660	
2010	23	2100	23.875000000	01/23/2010 21:00	01/23/2010 20:00	31.798	0.45195	0.39	16.42	0.427	13.3	44.7572	104.9160057	104.915890	0.317980	104.978550	
2010	23	2200	23.916666667	01/23/2010 22:00	01/23/2010 21:00	31.995	0.45475	0.39	16.42	0.427	13.25	44.7508	104.917971	104.917856	0.319950	104.980520	
2010	23	2300	23.958333333	01/23/2010 23:00	01/23/2010 22:00	31.857	0.45279	0.39	16.43	0.427	13.2	44.7553	104.9165943	104.916479	0.318570	104.979140	
2010	23	2400	24.000000000	01/24/2010 0:00	01/23/2010 23:00	31.609	0.44927	0.39	16.43	0.426	13.15	44.7634	104.9141201	104.914005	0.316090	104.976660	
2010	24	100	24.041666667	01/24/2010 1:00	01/24/2010 0:00	31.902	0.45343	0.39	16.42	0.427	13.1	44.7538	104.9170432	104.916928	0.319020	104.979590	
2010	24	200	24.083333333	01/24/2010 2:00	01/24/2010 1:00	31.858	0.45280	0.39	16.41	0.427	13.06	44.7552	104.9166042	104.916489	0.318580	104.979150	
2010	24	300	24.125000000	01/24/2010 3:00	01/24/2010 2:00	32.022	0.45514	0.39	16.42	0.427	13.01	44.7499	104.9182404	104.918125	0.320220	104.980790	
2010	24	400	24.166666667	01/24/2010 4:00	01/24/2010 3:00	31.863	0.45288	0.39	16.42	0.427	12.98	44.7551	104.9166541	104.916539	0.318630	104.979200	
2010	24	500	24.208333333	01/24/2010 5:00	01/24/2010 4:00	31.876	0.45306	0.39	16.42	0.427	12.95	44.7546	104.9167838	104.916668	0.318760	104.979330	
2010	24	600	24.250000000	01/24/2010 6:00	01/24/2010 5:00	31.947	0.45407	0.39	16.43	0.427	12.92	44.7523	104.9174922	104.917377	0.319470	104.980040	
2010	24	700	24.291666667	01/24/2010 7:00	01/24/2010 6:00	31.818	0.45224	0.39	16.43	0.427	12.88	44.7565	104.9162052	104.916090	0.318180	104.978750	
2010	24	800	24.333333333	01/24/2010 8:00	01/24/2010 7:00	31.606	0.44922	0.391	16.42	0.428	12.87	44.7635	104.9140901	104.913975	0.316060	104.976630	
2010	24	900	24.375000000	01/24/2010 9:00	01/24/2010 8:00	31.018	0.44087	0.391	16.44	0.428	14.12	44.7827	104.9082239	104.908109	0.310180	104.970750	
2010	24	1000	24.416666667	01/24/2010 10:00	01/24/2010 9:00	31.261	0.44432	0.391	16.42	0.428	14.1	44.7748	104.9106482	104.910533	0.312610	104.973180	
2010	24	1100	24.458333333	01/24/2010 11:00	01/24/2010 10:00	30.964	0.44010	0.391	16.44	0.428	14.05	44.7845	104.9076852	104.907570	0.309640	104.970210	
2010	24	1200	24.500000000	01/24/2010 12:00	01/24/2010 11:00	30.987	0.44043	0.391	16.44	0.428	13.99	44.7837	104.9079146	104.907799	0.309870	104.970440	
2010	24	1300	24.541666667	01/24/2010 13:00	01/24/2010 12:00	30.66	0.43578	0.391	16.45	0.427	13.96	44.7944	104.9046523	104.904537	0.306600	104.967170	
2010	24	1400	24.583333333	01/24/2010 14:00	01/24/2010 13:00	30.482	0.43325	0.391	16.43	0.427	13.96	44.8003	104.9028764	104.902761	0.304820	104.965390	
2010	24	1500	24.625000000	01/24/2010 15:00	01/24/2010 14:00	30.389	0.43193	0.391	16.42	0.427	13.82	44.8033	104.9019486	104.901833	0.303890	104.964460	
2010	24	1600	24.666666667	01/24/2010 16:00	01/24/2010 15:00	30.224	0.42958	0.39	16.42	0.427	13.66	44.8087	104.9003025	104.900187	0.302240	104.962810	
2010	24	1700	24.708333333	01/24/2010 17:00	01/24/2010 16:00	30.037	0.42692	0.39	16.43	0.427	13.55	44.8148	104.8984369	104.898322	0.300370	104.960940	
2010	24	1800	24.750000000	01/24/2010 18:00	01/24/2010 17:00	29.884	0.42475	0.39	16.43	0.427	13.47	44.8198	104.8969104	104.896795	0.298840	104.959410	
2010	24	1900	24.791666667	01/24/2010 19:00	01/24/2010 18:00	29.673	0.42175	0.39	16.44	0.426	13.41	44.8268	104.8948054	104.894690	0.296730	104.957300	
2010	24	2000	24.833333333	01/24/2010 20:00	01/24/2010 19:00	29.523	0.41962	0.39	16.44	0.426	13.34	44.8317	104.8933089	104.893194	0.295230	104.955800	
2010	24	2100	24.875000000	01/24/2010 21:00	01/24/2010 20:00	29.337	0.41697	0.389	16.43	0.426	13.29	44.8378	104.8914532	104.891338	0.293370	104.953940	
2010	24	2200	24.916666667	01/24/2010 22:00	01/24/2010 21:00	29.162	0.41449	0.389	16.43	0.426	13.23	44.8435	104.8897073	104.889592	0.291620	104.952190	
2010	24	2300	24.958333333	01/24/2010 23:00	01/24/2010 22:00	28.857	0.41015	0.389	16.42	0.425	13.19	44.8535	104.8866645	104.886549	0.288570	104.949140	
2010	24	2400	25.000000000	01/25/2010 0:00	01/24/2010 23:00	28.802	0.40937	0.389	16.44	0.425	13.13	44.8553	104.8861157	104.886000	0.288020	104.948590	
2010	25	100	25.041666667	01/25/2010 1:00	01/25/2010 0:00	28.497	0.40503	0.389	16.43	0.425	13.09	44.8652	104.8830729	104.882958	0.284970	104.945540	
2010	25	200	25.083333333	01/25/2010 2:00	01/25/2010 1:00	28.415	0.40387	0.389	16.43	0.425	13.04	44.8679	104.8822548	104.882139	0.284150	104.944720	
2010	25	300	25.125000000	01/25/2010 3:00	01/25/2010 2:00	28.004	0.39803	0.389	16.43	0.425	13	44.8814	104.8781544	104.878039	0.280040	104.940610	
2010	25	400	25.166666667	01/25/2010 4:00	01/25/2010 3:00	27.769	0.39469	0.389	16.43	0.425	12.97	44.8891	104.8758099	104.875695	0.277690	104.938260	
2010	25	500	25.208333333	01/25/2010 5:00	01/25/2010 4:00	27.452	0.39018	0.389	16.43	0.425	12.95	44.8995	104.8726473	104.872532	0.274520	104.935090	
2010	25	600	25.250000000	01/25/2010 6:00	01/25/2010 5:00	27.264	0.38751	0.388	16.43	0.425	12.91	44.9056	104.8707717	104.870656	0.272640	104.933210	
2010	25	700	25.291666667	01/25/2010 7:00	01/25/2010 6:00	26.888	0.38217	0.388	16.43	0.425	12.89	44.9179	104.8670205	104.866905	0.268880	104.929450	
2010	25	800	25.333333333	01/25/2010 8:00	01/25/2010 7:00	26.548	0.37733	0.389	16.43	0.425	12.87	44.9290	104.8636285	104.863513	0.265480	104.926050	
2010	25	900	25.375000000	01/25/2010 9:00	01/25/2010 8:00	26.231	0.37283	0.389	16.44	0.425	12.99	44.9394	104.8604659	104.860351	0.262310	104.922880	
2010	25	1000	25.416666667	01/25/2010 10:00	01/25/2010 9:00	25.737	0.36581	0.389	16.43	0.425	13.97	44.9556	104.8555375	104.855422	0.257370	104.917940	
2010	25	1100	25.458333333	01/25/2010 11:00	01/25/2010 10:00	25.316	0.35982	0.389	16.45	0.425	13.96	44.9694	104.8513373	104.851222	0.253160	104.913730	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	25	1200	25.500000000	01/25/2010 12:00	01/25/2010 11:00	24.823	0.35281	0.389	16.42	0.425	13.92	44.9855	104.8464188	104.846303	0.248230	104.908800	
2010	25	1300	25.541666667	01/25/2010 13:00	01/25/2010 12:00	24.313	0.34557	0.389	16.42	0.425	13.92	45.0022	104.8413308	104.841215	0.243130	104.903700	
2010	25	1400	25.583333333	01/25/2010 14:00	01/25/2010 13:00	24.7	0.35107	0.389	16.45	0.425	13.91	44.9895	104.8451917	104.845076	0.247000	104.907570	
2010	25	1500	25.625000000	01/25/2010 15:00	01/25/2010 14:00	24.818	0.35274	0.388	16.44	0.425	13.86	44.9857	104.846369	104.846254	0.248180	104.908750	
2010	25	1600	25.666666667	01/25/2010 16:00	01/25/2010 15:00	25.275	0.35924	0.388	16.43	0.425	13.69	44.9707	104.8509283	104.850813	0.252750	104.913320	
2010	25	1700	25.708333333	01/25/2010 17:00	01/25/2010 16:00	25.722	0.36559	0.388	16.41	0.425	13.58	44.9561	104.8553878	104.855272	0.257220	104.917790	
2010	25	1800	25.750000000	01/25/2010 18:00	01/25/2010 17:00	26.263	0.37328	0.388	16.42	0.425	13.48	44.9384	104.8607851	104.860670	0.262630	104.923200	
2010	25	1900	25.791666667	01/25/2010 19:00	01/25/2010 18:00	26.794	0.38083	0.388	16.42	0.425	13.41	44.9210	104.8660827	104.865967	0.267940	104.928510	
2010	25	2000	25.833333333	01/25/2010 20:00	01/25/2010 19:00	27.395	0.38937	0.388	16.43	0.424	13.34	44.9013	104.8720787	104.871963	0.273950	104.934520	
2010	25	2100	25.875000000	01/25/2010 21:00	01/25/2010 20:00	27.947	0.39722	0.389	16.44	0.425	13.28	44.8832	104.8775857	104.877470	0.279470	104.940040	
2010	25	2200	25.916666667	01/25/2010 22:00	01/25/2010 21:00	28.593	0.40640	0.389	16.42	0.426	13.23	44.8621	104.8840306	104.883915	0.285930	104.946500	
2010	25	2300	25.958333333	01/25/2010 23:00	01/25/2010 22:00	29.192	0.41491	0.39	16.44	0.426	13.18	44.8425	104.8900066	104.889891	0.291920	104.952490	
2010	25	2400	26.000000000	01/26/2010 0:00	01/25/2010 23:00	29.849	0.42425	0.39	16.44	0.426	13.13	44.8210	104.8965612	104.896446	0.298490	104.959060	
2010	26	100	26.041666667	01/26/2010 1:00	01/26/2010 0:00	30.531	0.43394	0.39	16.44	0.426	13.08	44.7987	104.9033653	104.903250	0.305310	104.965880	
2010	26	200	26.083333333	01/26/2010 2:00	01/26/2010 1:00	31.176	0.44311	0.389	16.42	0.426	13.04	44.7776	104.9098002	104.909685	0.311760	104.972330	
2010	26	300	26.125000000	01/26/2010 3:00	01/26/2010 2:00	31.74	0.45113	0.389	16.44	0.425	13.01	44.7591	104.915427	104.915312	0.317400	104.977970	
2010	26	400	26.166666667	01/26/2010 4:00	01/26/2010 3:00	32.186	0.45747	0.388	16.43	0.424	12.97	44.7445	104.9198766	104.919761	0.321860	104.982430	
2010	26	500	26.208333333	01/26/2010 5:00	01/26/2010 4:00	32.481	0.46166	0.388	16.45	0.424	12.95	44.7348	104.9228197	104.922704	0.324810	104.985380	
2010	26	600	26.250000000	01/26/2010 6:00	01/26/2010 5:00	32.643	0.46396	0.388	16.44	0.424	12.91	44.7295	104.9244359	104.924321	0.326430	104.987000	
2010	26	700	26.291666667	01/26/2010 7:00	01/26/2010 6:00	32.75	0.46548	0.388	16.42	0.424	12.89	44.7260	104.9255034	104.925388	0.327500	104.988070	
2010	26	800	26.333333333	01/26/2010 8:00	01/26/2010 7:00	32.679	0.46447	0.388	16.45	0.424	12.87	44.7284	104.924795	104.924680	0.326790	104.987360	
2010	26	900	26.375000000	01/26/2010 9:00	01/26/2010 8:00	32.692	0.46466	0.389	16.43	0.425	12.87	44.7279	104.9249247	104.924809	0.326920	104.987490	
2010	26	1000	26.416666667	01/26/2010 10:00	01/26/2010 9:00	32.584	0.46312	0.39	16.43	0.426	13.28	44.7315	104.9238473	104.923732	0.325840	104.986410	
2010	26	1100	26.458333333	01/26/2010 11:00	01/26/2010 10:00	32.408	0.46062	0.39	16.43	0.427	13.94	44.7372	104.9220914	104.921976	0.324080	104.984650	
2010	26	1200	26.500000000	01/26/2010 12:00	01/26/2010 11:00	32.373	0.46012	0.391	16.43	0.427	13.93	44.7384	104.9217422	104.921627	0.323730	104.984300	
2010	26	1300	26.541666667	01/26/2010 13:00	01/26/2010 12:00	32.391	0.46038	0.391	16.43	0.428	13.91	44.7378	104.9219218	104.921806	0.323910	104.984480	
2010	26	1400	26.583333333	01/26/2010 14:00	01/26/2010 13:00	32.507	0.46203	0.391	16.43	0.428	13.9	44.7340	104.9230791	104.922964	0.325070	104.985640	
2010	26	1500	26.625000000	01/26/2010 15:00	01/26/2010 14:00	32.601	0.46337	0.391	16.42	0.427	13.9	44.7309	104.9240169	104.923902	0.326010	104.986580	
2010	26	1600	26.666666667	01/26/2010 16:00	01/26/2010 15:00	32.695	0.46470	0.39	16.44	0.427	13.72	44.7278	104.9249547	104.924839	0.326950	104.987520	
2010	26	1700	26.708333333	01/26/2010 17:00	01/26/2010 16:00	32.777	0.46587	0.391	16.42	0.427	13.58	44.7252	104.9257727	104.925657	0.327770	104.988340	
2010	26	1800	26.750000000	01/26/2010 18:00	01/26/2010 17:00	32.885	0.46740	0.39	16.44	0.427	13.49	44.7216	104.9268502	104.926735	0.328850	104.989420	
2010	26	1900	26.791666667	01/26/2010 19:00	01/26/2010 18:00	32.948	0.46830	0.39	16.42	0.427	13.41	44.7196	104.9274787	104.927363	0.329480	104.990050	
2010	26	2000	26.833333333	01/26/2010 20:00	01/26/2010 19:00	32.866	0.46713	0.391	16.43	0.427	13.35	44.7222	104.9266607	104.926545	0.328660	104.989230	
2010	26	2100	26.875000000	01/26/2010 21:00	01/26/2010 20:00	32.819	0.46646	0.391	16.42	0.428	13.29	44.7238	104.9261918	104.926076	0.328190	104.988760	
2010	26	2200	26.916666667	01/26/2010 22:00	01/26/2010 21:00	32.69	0.46463	0.391	16.43	0.428	13.23	44.7280	104.9249048	104.924789	0.326900	104.987470	
2010	26	2300	26.958333333	01/26/2010 23:00	01/26/2010 22:00	32.631	0.46379	0.391	16.43	0.428	13.19	44.7299	104.9243162	104.924201	0.326310	104.986880	
2010	26	2400	27.000000000	01/27/2010 0:00	01/26/2010 23:00	32.514	0.46213	0.391	16.43	0.428	13.13	44.7338	104.9231489	104.923034	0.325140	104.985710	
2010	27	100	27.041666667	01/27/2010 1:00	01/27/2010 0:00	32.479	0.46163	0.391	16.42	0.428	13.09	44.7349	104.9227997	104.922684	0.324790	104.985360	
2010	27	200	27.083333333	01/27/2010 2:00	01/27/2010 1:00	32.62	0.46364	0.392	16.44	0.428	13.05	44.7303	104.9242064	104.924091	0.326200	104.986770	
2010	27	300	27.125000000	01/27/2010 3:00	01/27/2010 2:00	32.772	0.46580	0.392	16.44	0.428	13.01	44.7253	104.9257229	104.925608	0.327720	104.988290	
2010	27	400	27.166666667	01/27/2010 4:00	01/27/2010 3:00	32.996	0.46898	0.391	16.42	0.428	12.98	44.7180	104.9279576	104.927842	0.329960	104.990530	
2010	27	500	27.208333333	01/27/2010 5:00	01/27/2010 4:00	33.019	0.46931	0.391	16.43	0.428	12.94	44.7172	104.9281871	104.928072	0.330190	104.990760	
2010	27	600	27.250000000	01/27/2010 6:00	01/27/2010 5:00	33.172	0.47148	0.392	16.43	0.428	12.92	44.7122	104.9297135	104.929598	0.331720	104.992290	
2010	27	700	27.291666667	01/27/2010 7:00	01/27/2010 6:00	33.033	0.46951	0.391	16.43	0.428	12.9	44.7168	104.9283268	104.928211	0.330330	104.990900	
2010	27	800	27.333333333	01/27/2010 8:00	01/27/2010 7:00	32.902	0.46764	0.392	16.43	0.428	12.87	44.7211	104.9270198	104.926904	0.329020	104.989590	
2010	27	900	27.375000000	01/27/2010 9:00	01/27/2010 8:00	32.751	0.46550	0.392	16.42	0.428	12.97	44.7260	104.9255134	104.925398	0.327510	104.988080	
2010	27	1000	27.416666667	01/27/2010 10:00	01/27/2010 9:00	32.397	0.46047	0.392	16.41	0.429	13.94	44.7376	104.9219816	104.921866	0.323970	104.984540	
2010	27	1100	27.458333333	01/27/2010 11:00	01/27/2010 10:00	32.373	0.46012	0.392	16.44	0.428	13.93	44.7384	104.9217422	104.921627	0.323730	104.984300	
2010	27	1200	27.500000000	01/27/2010 12:00	01/27/2010 11:00	32.18	0.45738	0.392	16.42	0.429	13.92	44.7447	104.9198167	104.919701	0.321800	104.982370	
2010	27	1300	27.541666667	01/27/2010 13:00	01/27/2010 12:00	31.756	0.45136	0.392	16.43	0.428	13.9	44.7586	104.9155866	104.915471	0.317560	104.978130	
2010	27	1400	27.583333333	01/27/2010 14:00	01/27/2010 13:00	31.864	0.45289	0.391	16.45	0.428	13.88	44.7550	104.9166641	104.916549	0.318640	104.979210	
2010	27	1500	27.625000000	01/27/2010 15:00	01/27/2010 14:00	31.638	0.44968	0.391	16.42	0.428	13.88	44.7624	104.9144094	104.914294	0.316380	104.976950	
2010	27	1600	27.666666667	01/27/2010 16:00	01/27/2010 15:00	31.709	0.45069	0.391	16.44	0.428	13.79	44.7601	104.9151177	104.915002	0.317090	104.977660	
2010	27	1700	27.708333333	01/27/2010 17:00	01/27/2010 16:00	31.884	0.45317	0.392	16.44	0.428	13.64	44.7544	104.9168636	104.916748	0.318840	104.979410	
2010	27	1800	27.750000000	01/27/2010 18:00	01/27/2010 17:00	31.986	0.45462	0.391	16.43	0.428	13.54	44.7510	104.9178813	104.917766	0.319860	104.980430	
2010	27	1900	27.791666667	01/27/2010 19:00	01/27/2010 18:00	32.254	0.45843	0.392	16.43	0.428	13.46	44.7423	104.920555	104.920440	0.322540	104.983110	
2010	27	2000	27.833333333	01/27/2010 20:00	01/27/2010 19:00	32.409	0.46064	0.391	16.43	0.428	13.4	44.7372	104.9221014	104.921986	0.324090	104.984660	
2010	27	2100	27.875000000	01/27/2010 21:00	01/27/2010 20:00	32.985	0.46882	0.392	16.44	0.428	13.34	44.7183	104.9278479	104.927733	0.329850	104.990420	
2010	27	2200	27.916666667	01/27/2010 22:00	01/27/2010 21:00	33.464	0.47563	0.392	16.42	0.428	13.27	44.7027	104.9326267	104.932511	0.334640	104.995210	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	27	2300	27.958333333	01/27/2010 23:00	01/27/2010 22:00	33.873	0.48144	0.391	16.45	0.428	13.23	44.6893	104.9367071	104.936592	0.338730	104.999300	
2010	27	2400	28.000000000	01/28/2010 0:00	01/27/2010 23:00	34.424	0.48928	0.39	16.44	0.427	13.17	44.6712	104.9422042	104.942089	0.344240	105.004810	
2010	28	100	28.041666667	01/28/2010 1:00	01/28/2010 0:00	35.084	0.49866	0.39	16.43	0.427	13.13	44.6496	104.9487888	104.948673	0.350840	105.011410	
2010	28	200	28.083333333	01/28/2010 2:00	01/28/2010 1:00	35.801	0.50885	0.39	16.44	0.426	13.09	44.6262	104.955942	104.955827	0.358010	105.018580	
2010	28	300	28.125000000	01/28/2010 3:00	01/28/2010 2:00	36.508	0.51890	0.389	16.45	0.425	13.05	44.6030	104.9629955	104.962880	0.365080	105.025650	
2010	28	400	28.166666667	01/28/2010 4:00	01/28/2010 3:00	37.061	0.52676	0.389	16.44	0.425	13.01	44.5849	104.9685125	104.968397	0.370610	105.031180	
2010	28	500	28.208333333	01/28/2010 5:00	01/28/2010 4:00	37.509	0.53312	0.388	16.44	0.425	12.97	44.5703	104.972982	104.972867	0.375090	105.035660	
2010	28	600	28.250000000	01/28/2010 6:00	01/28/2010 5:00	37.789	0.53710	0.388	16.41	0.425	12.94	44.5611	104.9757755	104.975660	0.377890	105.038460	
2010	28	700	28.291666667	01/28/2010 7:00	01/28/2010 6:00	37.91	0.53882	0.389	16.42	0.425	12.91	44.5571	104.9769827	104.976867	0.379100	105.039670	
2010	28	800	28.333333333	01/28/2010 8:00	01/28/2010 7:00	37.745	0.53648	0.389	16.43	0.425	13.16	44.5625	104.9753365	104.975221	0.377450	105.038020	
2010	28	900	28.375000000	01/28/2010 9:00	01/28/2010 8:00	36.923	0.52479	0.388	16.44	0.425	14.06	44.5894	104.9671357	104.967020	0.369230	105.029800	
2010	28	1000	28.416666667	01/28/2010 10:00	01/28/2010 9:00	37.324	0.53049	0.389	16.44	0.425	14.02	44.5763	104.9711364	104.971021	0.373240	105.033810	
2010	28	1100	28.458333333	01/28/2010 11:00	01/28/2010 10:00	36.997	0.52585	0.389	16.44	0.426	13.98	44.5870	104.967874	104.967759	0.369970	105.030540	
2010	28	1200	28.500000000	01/28/2010 12:00	01/28/2010 11:00	36.788	0.52288	0.389	16.44	0.426	13.93	44.5939	104.9657889	104.965674	0.367880	105.028450	
2010	28	1300	28.541666667	01/28/2010 13:00	01/28/2010 12:00	36.51	0.51892	0.39	16.43	0.426	13.9	44.6030	104.9630154	104.962900	0.365100	105.025670	
2010	28	1400	28.583333333	01/28/2010 14:00	01/28/2010 13:00	36.264	0.51543	0.39	16.42	0.427	13.88	44.6110	104.9605612	104.960446	0.362640	105.023210	
2010	28	1500	28.625000000	01/28/2010 15:00	01/28/2010 14:00	36.133	0.51357	0.39	16.43	0.427	13.86	44.6153	104.9592542	104.959139	0.361330	105.021900	
2010	28	1600	28.666666667	01/28/2010 16:00	01/28/2010 15:00	36.04	0.51224	0.39	16.43	0.427	13.73	44.6184	104.9583264	104.958211	0.360400	105.020970	
2010	28	1700	28.708333333	01/28/2010 17:00	01/28/2010 16:00	35.947	0.51092	0.39	16.44	0.427	13.58	44.6214	104.9573986	104.957283	0.359470	105.020040	
2010	28	1800	28.750000000	01/28/2010 18:00	01/28/2010 17:00	35.887	0.51007	0.39	16.43	0.427	13.48	44.6234	104.9568	104.956685	0.358870	105.019440	
2010	28	1900	28.791666667	01/28/2010 19:00	01/28/2010 18:00	35.738	0.50795	0.39	16.43	0.426	13.41	44.6282	104.9553135	104.955198	0.357380	105.017950	
2010	28	2000	28.833333333	01/28/2010 20:00	01/28/2010 19:00	35.72	0.50770	0.389	16.44	0.425	13.34	44.6288	104.9551339	104.955019	0.357200	105.017770	
2010	28	2100	28.875000000	01/28/2010 21:00	01/28/2010 20:00	35.544	0.50519	0.389	16.44	0.426	13.28	44.6346	104.953378	104.953263	0.355440	105.016010	
2010	28	2200	28.916666667	01/28/2010 22:00	01/28/2010 21:00	35.534	0.50505	0.389	16.44	0.426	13.23	44.6349	104.9532782	104.953163	0.355340	105.015910	
2010	28	2300	28.958333333	01/28/2010 23:00	01/28/2010 22:00	35.739	0.50797	0.389	16.44	0.426	13.18	44.6282	104.9553234	104.955208	0.357390	105.017960	
2010	28	2400	29.000000000	01/29/2010 0:00	01/28/2010 23:00	36.051	0.51240	0.389	16.43	0.426	13.13	44.6180	104.9584361	104.958321	0.360510	105.021080	
2010	29	100	29.041666667	01/29/2010 1:00	01/29/2010 0:00	36.555	0.51956	0.389	16.43	0.426	13.09	44.6015	104.9634644	104.963349	0.365550	105.026120	
2010	29	200	29.083333333	01/29/2010 2:00	01/29/2010 1:00	37.037	0.52642	0.389	16.44	0.425	13.05	44.5857	104.9682731	104.968158	0.370370	105.030940	
2010	29	300	29.125000000	01/29/2010 3:00	01/29/2010 2:00	37.613	0.53460	0.389	16.43	0.425	13	44.5669	104.9740196	104.973904	0.376130	105.036700	
2010	29	400	29.166666667	01/29/2010 4:00	01/29/2010 3:00	38.047	0.54077	0.389	16.43	0.425	12.97	44.5527	104.9783494	104.978234	0.380470	105.041040	
2010	29	500	29.208333333	01/29/2010 5:00	01/29/2010 4:00	38.482	0.54695	0.389	16.44	0.425	12.95	44.5384	104.9826893	104.982574	0.384820	105.045390	
2010	29	600	29.250000000	01/29/2010 6:00	01/29/2010 5:00	38.787	0.55129	0.389	16.43	0.425	12.91	44.5284	104.9857321	104.985617	0.387870	105.048440	
2010	29	700	29.291666667	01/29/2010 7:00	01/29/2010 6:00	39.046	0.55497	0.389	16.43	0.425	12.89	44.5200	104.9883161	104.988201	0.390460	105.051030	
2010	29	800	29.333333333	01/29/2010 8:00	01/29/2010 7:00	39.129	0.55615	0.389	16.43	0.426	12.87	44.5172	104.9891441	104.989029	0.391290	105.051860	
2010	29	900	29.375000000	01/29/2010 9:00	01/29/2010 8:00	39.082	0.55548	0.389	16.43	0.426	13.78	44.5188	104.9886752	104.988560	0.390820	105.051390	
2010	29	1000	29.416666667	01/29/2010 10:00	01/29/2010 9:00	38.599	0.54862	0.389	16.44	0.426	13.98	44.5346	104.9838565	104.983741	0.385990	105.046560	
2010	29	1100	29.458333333	01/29/2010 11:00	01/29/2010 10:00	38.913	0.55308	0.389	16.43	0.426	13.93	44.5243	104.9869892	104.986874	0.389130	105.049700	
2010	29	1200	29.500000000	01/29/2010 12:00	01/29/2010 11:00	38.765	0.55098	0.39	16.45	0.426	13.92	44.5292	104.9855126	104.985397	0.387650	105.048220	
2010	29	1300	29.541666667	01/29/2010 13:00	01/29/2010 12:00	38.506	0.54729	0.389	16.42	0.426	13.89	44.5376	104.9829287	104.982813	0.385060	105.045630	
2010	29	1400	29.583333333	01/29/2010 14:00	01/29/2010 13:00	38.285	0.54415	0.389	16.43	0.426	13.88	44.5449	104.9807239	104.980609	0.382850	105.043420	
2010	29	1500	29.625000000	01/29/2010 15:00	01/29/2010 14:00	38.105	0.54160	0.389	16.45	0.425	13.88	44.5508	104.9789281	104.978813	0.381050	105.041620	
2010	29	1600	29.666666667	01/29/2010 16:00	01/29/2010 15:00	37.905	0.53875	0.389	16.43	0.426	13.7	44.5573	104.9769328	104.976817	0.379050	105.039620	
2010	29	1700	29.708333333	01/29/2010 17:00	01/29/2010 16:00	37.684	0.53561	0.389	16.45	0.425	13.57	44.5645	104.9747279	104.974613	0.376840	105.037410	
2010	29	1800	29.750000000	01/29/2010 18:00	01/29/2010 17:00	37.551	0.53372	0.389	16.43	0.426	13.47	44.5689	104.9734011	104.973286	0.375510	105.036080	
2010	29	1900	29.791666667	01/29/2010 19:00	01/29/2010 18:00	37.344	0.53078	0.389	16.42	0.426	13.39	44.5757	104.9713359	104.971221	0.373440	105.034010	
2010	29	2000	29.833333333	01/29/2010 20:00	01/29/2010 19:00	37.149	0.52801	0.389	16.43	0.426	13.34	44.5821	104.9693905	104.969275	0.371490	105.032060	
2010	29	2100	29.875000000	01/29/2010 21:00	01/29/2010 20:00	36.975	0.52553	0.39	16.44	0.426	13.27	44.5877	104.9676545	104.967539	0.369750	105.030320	
2010	29	2200	29.916666667	01/29/2010 22:00	01/29/2010 21:00	36.964	0.52538	0.391	16.44	0.427	13.22	44.5881	104.9675448	104.967429	0.369640	105.030210	
2010	29	2300	29.958333333	01/29/2010 23:00	01/29/2010 22:00	37.293	0.53005	0.39	16.45	0.426	13.17	44.5773	104.9708271	104.970712	0.372930	105.033500	
2010	29	2400	30.000000000	01/30/2010 0:00	01/29/2010 23:00	37.646	0.53507	0.389	16.44	0.425	13.12	44.5658	104.9743488	104.974233	0.376460	105.037030	
2010	30	100	30.041666667	01/30/2010 1:00	01/30/2010 0:00	38.339	0.54492	0.389	16.43	0.425	13.08	44.5431	104.9812626	104.981147	0.383390	105.043960	
2010	30	200	30.083333333	01/30/2010 2:00	01/30/2010 1:00	39.031	0.55476	0.389	16.42	0.425	13.04	44.5205	104.9881664	104.988051	0.390310	105.050880	
2010	30	300	30.125000000	01/30/2010 3:00	01/30/2010 2:00	39.564	0.56233	0.389	16.45	0.425	13	44.5030	104.993484	104.993369	0.395640	105.056210	
2010	30	400	30.166666667	01/30/2010 4:00	01/30/2010 3:00	40.033	0.56900	0.389	16.44	0.425	12.96	44.4877	104.998163	104.998048	0.400330	105.060900	
2010	30	500	30.208333333	01/30/2010 5:00	01/30/2010 4:00	40.391	0.57409	0.389	16.43	0.426	12.93	44.4759	105.0017346	105.001619	0.403910	105.064480	
2010	30	600	30.250000000	01/30/2010 6:00	01/30/2010 5:00	40.593	0.57696	0.389	16.44	0.425	12.91	44.4693	105.0037499	105.003635	0.405930	105.066500	
2010	30	700	30.291666667	01/30/2010 7:00	01/30/2010 6:00	40.758	0.57930	0.389	16.45	0.426	12.88	44.4639	105.005396	105.005281	0.407580	105.068150	
2010	30	800	30.333333333	01/30/2010 8:00	01/30/2010 7:00	40.843	0.58051	0.389	16.43	0.426	12.86	44.4611	105.006244	105.006129	0.408430	105.069000	
2010	30	900	30.375000000	01/30/2010 9:00	01/30/2010 8:00	40.759	0.57932	0.389	16.44	0.426	13.71	44.4639	105.005406	105.005291	0.407590	105.068160	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	30	1000	30.416666667	01/30/2010 10:00	01/30/2010 9:00	40.656	0.57785	0.39	16.43	0.426	13.96	44.4673	105.0043784	105.004263	0.406560	105.067130	
2010	30	1100	30.458333333	01/30/2010 11:00	01/30/2010 10:00	40.628	0.57745	0.39	16.43	0.426	13.94	44.4682	105.0040991	105.003984	0.406280	105.066850	
2010	30	1200	30.500000000	01/30/2010 12:00	01/30/2010 11:00	40.4	0.57421	0.389	16.44	0.426	13.92	44.4756	105.0018244	105.001709	0.404000	105.064570	
2010	30	1300	30.541666667	01/30/2010 13:00	01/30/2010 12:00	40.185	0.57116	0.389	16.44	0.426	13.9	44.4827	104.9996794	104.999564	0.401850	105.062420	
2010	30	1400	30.583333333	01/30/2010 14:00	01/30/2010 13:00	40.327	0.57318	0.39	16.45	0.426	13.88	44.4780	105.0010961	105.000981	0.403270	105.063840	
2010	30	1500	30.625000000	01/30/2010 15:00	01/30/2010 14:00	40.253	0.57213	0.389	16.45	0.426	13.74	44.4805	105.0003578	105.000242	0.402530	105.063100	
2010	30	1600	30.666666667	01/30/2010 16:00	01/30/2010 15:00	40.278	0.57248	0.39	16.42	0.426	13.59	44.4796	105.0006073	105.000492	0.402780	105.063350	
2010	30	1700	30.708333333	01/30/2010 17:00	01/30/2010 16:00	40.544	0.57626	0.389	16.43	0.426	13.49	44.4709	105.003261	105.003146	0.405440	105.066010	
2010	30	1800	30.750000000	01/30/2010 18:00	01/30/2010 17:00	40.948	0.58200	0.389	16.43	0.425	13.41	44.4577	105.0072916	105.007176	0.409480	105.070050	
2010	30	1900	30.791666667	01/30/2010 19:00	01/30/2010 18:00	41.488	0.58968	0.389	16.45	0.426	13.34	44.4400	105.0126789	105.012564	0.414880	105.075450	
2010	30	2000	30.833333333	01/30/2010 20:00	01/30/2010 19:00	42.018	0.59721	0.389	16.45	0.426	13.28	44.4227	105.0179665	105.017851	0.420180	105.080750	
2010	30	2100	30.875000000	01/30/2010 21:00	01/30/2010 20:00	42.551	0.60479	0.389	16.45	0.426	13.22	44.4052	105.0232841	105.023169	0.425510	105.086080	
2010	30	2200	30.916666667	01/30/2010 22:00	01/30/2010 21:00	43.011	0.61133	0.389	16.43	0.426	13.17	44.3902	105.0278733	105.027758	0.430110	105.090680	
2010	30	2300	30.958333333	01/30/2010 23:00	01/30/2010 22:00	43.54	0.61884	0.389	16.45	0.426	13.12	44.3729	105.0331509	105.033036	0.435400	105.095970	
2010	30	2400	31.000000000	01/31/2010 0:00	01/30/2010 23:00	43.962	0.62484	0.389	16.45	0.426	13.08	44.3591	105.0373611	105.037246	0.439620	105.100190	
2010	31	100	31.041666667	01/31/2010 1:00	01/31/2010 0:00	44.408	0.63118	0.389	16.44	0.425	13.04	44.3445	105.0418106	105.041695	0.444080	105.104650	
2010	31	200	31.083333333	01/31/2010 2:00	01/31/2010 1:00	44.726	0.63570	0.389	16.43	0.425	13	44.3340	105.0449832	105.044868	0.447260	105.107830	
2010	31	300	31.125000000	01/31/2010 3:00	01/31/2010 2:00	44.95	0.63888	0.389	16.45	0.425	12.97	44.3267	105.0472179	105.047103	0.449500	105.110070	
2010	31	400	31.166666667	01/31/2010 4:00	01/31/2010 3:00	45.102	0.64104	0.389	16.43	0.425	12.93	44.3217	105.0487344	105.048619	0.451020	105.111590	
2010	31	500	31.208333333	01/31/2010 5:00	01/31/2010 4:00	45.138	0.64156	0.388	16.44	0.425	12.91	44.3206	105.0490935	105.048978	0.451380	105.111950	
2010	31	600	31.250000000	01/31/2010 6:00	01/31/2010 5:00	45.103	0.64106	0.389	16.43	0.425	12.89	44.3217	105.0487444	105.048629	0.451030	105.111600	
2010	31	700	31.291666667	01/31/2010 7:00	01/31/2010 6:00	45.126	0.64139	0.389	16.43	0.426	12.87	44.3210	105.0489738	105.048858	0.451260	105.111830	
2010	31	800	31.333333333	01/31/2010 8:00	01/31/2010 7:00	44.892	0.63806	0.39	16.45	0.426	12.85	44.3286	105.0466393	105.046524	0.448920	105.109490	
2010	31	900	31.375000000	01/31/2010 9:00	01/31/2010 8:00	44.644	0.63454	0.39	16.45	0.426	13.39	44.3367	105.0441651	105.044050	0.446440	105.107010	
2010	31	1000	31.416666667	01/31/2010 10:00	01/31/2010 9:00	44.374	0.63070	0.39	16.45	0.426	13.94	44.3456	105.0414714	105.041356	0.443740	105.104310	
2010	31	1100	31.458333333	01/31/2010 11:00	01/31/2010 10:00	43.971	0.62497	0.39	16.44	0.427	13.92	44.3588	105.0374508	105.037336	0.439710	105.100280	
2010	31	1200	31.500000000	01/31/2010 12:00	01/31/2010 11:00	43.95	0.62467	0.39	16.43	0.426	13.87	44.3594	105.0372413	105.037126	0.439500	105.100070	
2010	31	1300	31.541666667	01/31/2010 13:00	01/31/2010 12:00	43.21	0.61415	0.39	16.45	0.427	13.83	44.3837	105.0298587	105.029743	0.432100	105.092670	
2010	31	1400	31.583333333	01/31/2010 14:00	01/31/2010 13:00	43.094	0.61250	0.39	16.44	0.426	13.8	44.3875	105.0287014	105.028586	0.430940	105.091510	
2010	31	1500	31.625000000	01/31/2010 15:00	01/31/2010 14:00	42.888	0.60958	0.39	16.43	0.426	13.78	44.3942	105.0266462	105.026531	0.428880	105.089450	
2010	31	1600	31.666666667	01/31/2010 16:00	01/31/2010 15:00	42.863	0.60922	0.389	16.45	0.426	13.78	44.3950	105.0263968	105.026281	0.428630	105.089200	
2010	31	1700	31.708333333	01/31/2010 17:00	01/31/2010 16:00	42.864	0.60924	0.39	16.44	0.426	13.7	44.3950	105.0264067	105.026291	0.428640	105.089210	
2010	31	1800	31.750000000	01/31/2010 18:00	01/31/2010 17:00	42.726	0.60727	0.389	16.42	0.426	13.55	44.3995	105.02503	105.024915	0.427260	105.087830	
2010	31	1900	31.791666667	01/31/2010 19:00	01/31/2010 18:00	42.566	0.60500	0.389	16.42	0.426	13.46	44.4047	105.0234337	105.023318	0.425660	105.086230	
2010	31	2000	31.833333333	01/31/2010 20:00	01/31/2010 19:00	42.565	0.60499	0.389	16.43	0.426	13.39	44.4048	105.0234237	105.023308	0.425650	105.086220	
2010	31	2100	31.875000000	01/31/2010 21:00	01/31/2010 20:00	42.332	0.60167	0.389	16.42	0.426	13.32	44.4124	105.0210992	105.020984	0.423320	105.083890	
2010	31	2200	31.916666667	01/31/2010 22:00	01/31/2010 21:00	42.299	0.60121	0.389	16.43	0.426	13.27	44.4135	105.02077	105.020655	0.422990	105.083560	
2010	31	2300	31.958333333	01/31/2010 23:00	01/31/2010 22:00	42.182	0.59954	0.389	16.43	0.426	13.22	44.4173	105.0196027	105.019487	0.421820	105.082390	
2010	31	2400	32.000000000	02/01/2010 0:00	01/31/2010 23:00	41.89	0.59539	0.389	16.42	0.426	13.16	44.4269	105.0166895	105.016574	0.418900	105.079470	
2010	32	100	32.041666667	02/01/2010 1:00	02/01/2010 0:00	41.842	0.59471	0.389	16.43	0.426	13.12	44.4284	105.0162107	105.016095	0.418420	105.078990	
2010	32	200	32.083333333	02/01/2010 2:00	02/01/2010 1:00	41.642	0.59187	0.389	16.43	0.426	13.08	44.4350	105.0142153	105.014100	0.416420	105.076990	
2010	32	300	32.125000000	02/01/2010 3:00	02/01/2010 2:00	41.606	0.59136	0.389	16.44	0.426	13.03	44.4362	105.0138562	105.013741	0.416060	105.076630	
2010	32	400	32.166666667	02/01/2010 4:00	02/01/2010 3:00	41.454	0.58920	0.389	16.43	0.426	13	44.4411	105.0123397	105.012224	0.414540	105.075110	
2010	32	500	32.208333333	02/01/2010 5:00	02/01/2010 4:00	41.361	0.58787	0.389	16.43	0.426	12.97	44.4442	105.0114119	105.011297	0.413610	105.074180	
2010	32	600	32.250000000	02/01/2010 6:00	02/01/2010 5:00	41.254	0.58635	0.389	16.44	0.426	12.93	44.4477	105.0103444	105.010229	0.412540	105.073110	
2010	32	700	32.291666667	02/01/2010 7:00	02/01/2010 6:00	41.022	0.58305	0.39	16.45	0.426	12.91	44.4553	105.0080298	105.007914	0.410220	105.070790	
2010	32	800	32.333333333	02/01/2010 8:00	02/01/2010 7:00	40.892	0.58121	0.39	16.43	0.426	12.88	44.4595	105.0067329	105.006618	0.408920	105.069490	
2010	32	900	32.375000000	02/01/2010 9:00	02/01/2010 8:00	40.641	0.57764	0.389	16.42	0.426	12.89	44.4678	105.0042288	105.004113	0.406410	105.066980	
2010	32	1000	32.416666667	02/01/2010 10:00	02/01/2010 9:00	40.397	0.57417	0.39	16.44	0.426	13.8	44.4757	105.0017945	105.001679	0.403970	105.064540	
2010	32	1100	32.458333333	02/01/2010 11:00	02/01/2010 10:00	40.091	0.56982	0.39	16.44	0.427	14	44.4858	104.9987416	104.998626	0.400910	105.061480	
2010	32	1200	32.500000000	02/01/2010 12:00	02/01/2010 11:00	40.068	0.56950	0.39	16.44	0.427	13.96	44.4865	104.9985122	104.998397	0.400680	105.061250	
2010	32	1300	32.541666667	02/01/2010 13:00	02/01/2010 12:00	39.64	0.56341	0.39	16.44	0.427	13.94	44.5005	104.9942422	104.994127	0.396400	105.056970	
2010	32	1400	32.583333333	02/01/2010 14:00	02/01/2010 13:00	39.447	0.56067	0.39	16.43	0.427	13.92	44.5068	104.9923167	104.992201	0.394470	105.055040	
2010	32	1500	32.625000000	02/01/2010 15:00	02/01/2010 14:00	39.21	0.55730	0.39	16.42	0.427	13.91	44.5146	104.9899522	104.989837	0.392100	105.052670	
2010	32	1600	32.666666667	02/01/2010 16:00	02/01/2010 15:00	39.034	0.55480	0.39	16.43	0.427	13.79	44.5204	104.9881964	104.988081	0.390340	105.050910	
2010	32	1700	32.708333333	02/01/2010 17:00	02/01/2010 16:00	38.882	0.55264	0.39	16.43	0.427	13.63	44.5253	104.9866799	104.986565	0.388820	105.049390	
2010	32	1800	32.750000000	02/01/2010 18:00	02/01/2010 17:00	38.685	0.54984	0.39	16.43	0.427	13.52	44.5318	104.9847145	104.984599	0.386850	105.047420	
2010	32	1900	32.791666667	02/01/2010 19:00	02/01/2010 18:00	38.5	0.54721	0.39	16.45	0.426	13.45	44.5378	104.9828688	104.982754	0.385000	105.045570	
2010	32	2000	32.833333333	02/01/2010 20:00	02/01/2010 19:00	38.314	0.54457	0.39	16.45	0.427	13.38	44.5439	104.9810132	104.980898	0.383140	105.043710	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	32	2100	32.875000000	02/01/2010 21:00	02/01/2010 20:00	38.162	0.54241	0.39	16.45	0.427	13.32	44.5489	104.9794968	104.979381	0.381620	105.042190	
2010	32	2200	32.916666667	02/01/2010 22:00	02/01/2010 21:00	37.963	0.53958	0.39	16.43	0.427	13.26	44.5554	104.9775114	104.977396	0.379630	105.040200	
2010	32	2300	32.958333333	02/01/2010 23:00	02/01/2010 22:00	37.764	0.53675	0.39	16.44	0.427	13.21	44.5619	104.9755261	104.975411	0.377640	105.038210	
2010	32	2400	33.000000000	02/02/2010 0:00	02/01/2010 23:00	37.611	0.53457	0.39	16.45	0.427	13.15	44.5669	104.9739996	104.973884	0.376110	105.036680	
2010	33	100	33.041666667	02/02/2010 1:00	02/02/2010 0:00	37.484	0.53277	0.39	16.44	0.427	13.11	44.5711	104.9727326	104.972617	0.374840	105.035410	
2010	33	200	33.083333333	02/02/2010 2:00	02/02/2010 1:00	37.205	0.52880	0.391	16.43	0.428	13.06	44.5802	104.9699491	104.969834	0.372050	105.032620	
2010	33	300	33.125000000	02/02/2010 3:00	02/02/2010 2:00	37.144	0.52794	0.391	16.44	0.427	13.02	44.5822	104.9693406	104.969225	0.371440	105.032010	
2010	33	400	33.166666667	02/02/2010 4:00	02/02/2010 3:00	36.924	0.52481	0.391	16.44	0.428	12.99	44.5894	104.9671457	104.967030	0.369240	105.029810	
2010	33	500	33.208333333	02/02/2010 5:00	02/02/2010 4:00	36.87	0.52404	0.391	16.43	0.427	12.96	44.5912	104.966607	104.966492	0.368700	105.029270	
2010	33	600	33.250000000	02/02/2010 6:00	02/02/2010 5:00	36.662	0.52109	0.391	16.43	0.427	12.93	44.5980	104.9645319	104.964417	0.366620	105.027190	
2010	33	700	33.291666667	02/02/2010 7:00	02/02/2010 6:00	36.579	0.51991	0.391	16.45	0.427	12.91	44.6007	104.9637038	104.963588	0.365790	105.026360	
2010	33	800	33.333333333	02/02/2010 8:00	02/02/2010 7:00	36.251	0.51524	0.39	16.44	0.427	13.16	44.6114	104.9604315	104.960316	0.362510	105.023080	
2010	33	900	33.375000000	02/02/2010 9:00	02/02/2010 8:00	35.915	0.51047	0.391	16.43	0.427	14.02	44.6224	104.9570793	104.956964	0.359150	105.019720	
2010	33	1000	33.416666667	02/02/2010 10:00	02/02/2010 9:00	35.851	0.50956	0.391	16.44	0.428	13.97	44.6245	104.9564408	104.956325	0.358510	105.019080	
2010	33	1100	33.458333333	02/02/2010 11:00	02/02/2010 10:00	36.107	0.51320	0.391	16.44	0.427	13.93	44.6162	104.9589948	104.958879	0.361070	105.021640	
2010	33	1200	33.500000000	02/02/2010 12:00	02/02/2010 11:00	34.316	0.48774	0.391	16.44	0.428	13.91	44.6748	104.9411267	104.941011	0.343160	105.003730	
2010	33	1300	33.541666667	02/02/2010 13:00	02/02/2010 12:00	34.939	0.49660	0.392	16.44	0.428	13.86	44.6544	104.9473422	104.947227	0.349390	105.009960	
2010	33	1400	33.583333333	02/02/2010 14:00	02/02/2010 13:00	35.451	0.50387	0.392	16.44	0.429	13.84	44.6376	104.9524502	104.952335	0.354510	105.015080	
2010	33	1500	33.625000000	02/02/2010 15:00	02/02/2010 14:00	35.448	0.50383	0.392	16.44	0.429	13.82	44.6377	104.9524203	104.952305	0.354480	105.015050	
2010	33	1600	33.666666667	02/02/2010 16:00	02/02/2010 15:00	35.926	0.51062	0.392	16.44	0.429	13.72	44.6221	104.9571891	104.957074	0.359260	105.019830	
2010	33	1700	33.708333333	02/02/2010 17:00	02/02/2010 16:00	36.191	0.51439	0.392	16.45	0.429	13.63	44.6134	104.9598329	104.959718	0.361910	105.022480	
2010	33	1800	33.750000000	02/02/2010 18:00	02/02/2010 17:00	36.332	0.51639	0.392	16.44	0.429	13.52	44.6088	104.9612396	104.961124	0.363320	105.023890	
2010	33	1900	33.791666667	02/02/2010 19:00	02/02/2010 18:00	36.495	0.51871	0.392	16.43	0.428	13.43	44.6035	104.9628658	104.962750	0.364950	105.025520	
2010	33	2000	33.833333333	02/02/2010 20:00	02/02/2010 19:00	36.574	0.51983	0.392	16.45	0.428	13.37	44.6009	104.9636539	104.963539	0.365740	105.026310	
2010	33	2100	33.875000000	02/02/2010 21:00	02/02/2010 20:00	36.579	0.51991	0.392	16.43	0.428	13.31	44.6007	104.9637038	104.963588	0.365790	105.026360	
2010	33	2200	33.916666667	02/02/2010 22:00	02/02/2010 21:00	36.497	0.51874	0.392	16.44	0.428	13.26	44.6034	104.9628857	104.962770	0.364970	105.025540	
2010	33	2300	33.958333333	02/02/2010 23:00	02/02/2010 22:00	36.645	0.52084	0.391	16.46	0.428	13.2	44.5985	104.9643622	104.964247	0.366450	105.027020	
2010	33	2400	34.000000000	02/03/2010 0:00	02/02/2010 23:00	36.596	0.52015	0.39	16.44	0.427	13.15	44.6002	104.9638734	104.963758	0.365960	105.026530	
2010	34	100	34.041666667	02/03/2010 1:00	02/03/2010 0:00	36.748	0.52231	0.39	16.46	0.426	13.11	44.5952	104.9653898	104.965274	0.367480	105.028050	
2010	34	200	34.083333333	02/03/2010 2:00	02/03/2010 1:00	36.883	0.52423	0.389	16.43	0.426	13.06	44.5908	104.9667367	104.966621	0.368830	105.029400	
2010	34	300	34.125000000	02/03/2010 3:00	02/03/2010 2:00	36.885	0.52425	0.389	16.43	0.426	13.02	44.5907	104.9667566	104.966641	0.368850	105.029420	
2010	34	400	34.166666667	02/03/2010 4:00	02/03/2010 3:00	36.939	0.52502	0.389	16.44	0.426	12.99	44.5889	104.9672954	104.967180	0.369390	105.029960	
2010	34	500	34.208333333	02/03/2010 5:00	02/03/2010 4:00	37.18	0.52845	0.389	16.43	0.426	12.96	44.5810	104.9696997	104.969584	0.371800	105.032370	
2010	34	600	34.250000000	02/03/2010 6:00	02/03/2010 5:00	37.244	0.52936	0.389	16.45	0.426	12.93	44.5789	104.9703382	104.970223	0.372440	105.033010	
2010	34	700	34.291666667	02/03/2010 7:00	02/03/2010 6:00	37.294	0.53007	0.389	16.43	0.426	12.89	44.5773	104.9708371	104.970722	0.372940	105.033510	
2010	34	800	34.333333333	02/03/2010 8:00	02/03/2010 7:00	37.351	0.53088	0.389	16.45	0.426	12.87	44.5754	104.9714057	104.971290	0.373510	105.034080	
2010	34	900	34.375000000	02/03/2010 9:00	02/03/2010 8:00	37.501	0.53301	0.389	16.45	0.425	13.49	44.5705	104.9729022	104.972787	0.375010	105.035580	
2010	34	1000	34.416666667	02/03/2010 10:00	02/03/2010 9:00	37.578	0.53410	0.389	16.44	0.425	13.98	44.5680	104.9736704	104.973555	0.375780	105.036350	
2010	34	1100	34.458333333	02/03/2010 11:00	02/03/2010 10:00	37.636	0.53493	0.389	16.46	0.425	14	44.5661	104.9742491	104.974134	0.376360	105.036930	
2010	34	1200	34.500000000	02/03/2010 12:00	02/03/2010 11:00	37.524	0.53334	0.389	16.45	0.425	13.98	44.5698	104.9731317	104.973016	0.375240	105.035810	
2010	34	1300	34.541666667	02/03/2010 13:00	02/03/2010 12:00	37.576	0.53408	0.389	16.46	0.425	13.94	44.5681	104.9736505	104.973535	0.375760	105.036330	
2010	34	1400	34.583333333	02/03/2010 14:00	02/03/2010 13:00	37.509	0.53312	0.389	16.46	0.425	13.92	44.5703	104.972982	104.972867	0.375090	105.035660	
2010	34	1500	34.625000000	02/03/2010 15:00	02/03/2010 14:00	38.316	0.54459	0.389	16.45	0.425	13.9	44.5439	104.9810332	104.980918	0.383160	105.043730	
2010	34	1600	34.666666667	02/03/2010 16:00	02/03/2010 15:00	38.15	0.54223	0.389	16.44	0.425	13.91	44.5493	104.979377	104.979262	0.381500	105.042070	
2010	34	1700	34.708333333	02/03/2010 17:00	02/03/2010 16:00	38.886	0.55270	0.389	16.45	0.425	13.75	44.5252	104.9867198	104.986604	0.388860	105.049430	
2010	34	1800	34.750000000	02/03/2010 18:00	02/03/2010 17:00	39.212	0.55733	0.389	16.45	0.425	13.61	44.5145	104.9899722	104.989857	0.392120	105.052690	
2010	34	1900	34.791666667	02/03/2010 19:00	02/03/2010 18:00	39.409	0.56013	0.389	16.43	0.425	13.53	44.5081	104.9919376	104.991822	0.394090	105.054660	
2010	34	2000	34.833333333	02/03/2010 20:00	02/03/2010 19:00	39.515	0.56164	0.389	16.45	0.425	13.44	44.5046	104.9929951	104.992880	0.395150	105.055720	
2010	34	2100	34.875000000	02/03/2010 21:00	02/03/2010 20:00	39.54	0.56199	0.389	16.44	0.425	13.38	44.5038	104.9932445	104.993129	0.395400	105.055970	
2010	34	2200	34.916666667	02/03/2010 22:00	02/03/2010 21:00	39.563	0.56232	0.389	16.45	0.425	13.32	44.5030	104.993474	104.993359	0.395630	105.056200	
2010	34	2300	34.958333333	02/03/2010 23:00	02/03/2010 22:00	39.574	0.56247	0.389	16.45	0.425	13.27	44.5027	104.9935837	104.993468	0.395740	105.056310	
2010	34	2400	35.000000000	02/04/2010 0:00	02/03/2010 23:00	39.434	0.56048	0.389	16.44	0.425	13.22	44.5073	104.992187	104.992072	0.394340	105.054910	
2010	35	100	35.041666667	02/04/2010 1:00	02/04/2010 0:00	39.165	0.55666	0.389	16.45	0.425	13.17	44.5161	104.9895033	104.989388	0.391650	105.052220	
2010	35	200	35.083333333	02/04/2010 2:00	02/04/2010 1:00	39.128	0.55614	0.389	16.44	0.425	13.12	44.5173	104.9891342	104.989019	0.391280	105.051850	
2010	35	300	35.125000000	02/04/2010 3:00	02/04/2010 2:00	39.163	0.55663	0.389	16.44	0.425	13.08	44.5161	104.9894833	104.989368	0.391630	105.052200	
2010	35	400	35.166666667	02/04/2010 4:00	02/04/2010 3:00	38.929	0.55331	0.389	16.44	0.425	13.03	44.5238	104.9871488	104.987033	0.389290	105.049860	
2010	35	500	35.208333333	02/04/2010 5:00	02/04/2010 4:00	38.847	0.55214	0.389	16.45	0.425	13	44.5265	104.9863307	104.986215	0.388470	105.049040	
2010	35	600	35.250000000	02/04/2010 6:00	02/04/2010 5:00	38.717	0.55029	0.389	16.44	0.425	12.97	44.5307	104.9850338	104.984918	0.387170	105.047740	
2010	35	700	35.291666667	02/04/2010 7:00	02/04/2010 6:00	38.634	0.54911	0.389	16.44	0.425	12.93	44.5334	104.9842057	104.984090	0.386340	105.046910	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	35	800	35.333333333	02/04/2010 8:00	02/04/2010 7:00	38.541	0.54779	0.389	16.45	0.426	12.91	44.5365	104.9832779	104.983163	0.385410	105.045980	
2010	35	900	35.375000000	02/04/2010 9:00	02/04/2010 8:00	38.188	0.54277	0.389	16.44	0.426	13.96	44.5480	104.9797561	104.979641	0.381880	105.042450	
2010	35	1000	35.416666667	02/04/2010 10:00	02/04/2010 9:00	37.871	0.53827	0.39	16.43	0.426	13.98	44.5584	104.9765936	104.976478	0.378710	105.039280	
2010	35	1100	35.458333333	02/04/2010 11:00	02/04/2010 10:00	37.74	0.53641	0.39	16.46	0.426	13.94	44.5627	104.9752866	104.975171	0.377400	105.037970	
2010	35	1200	35.500000000	02/04/2010 12:00	02/04/2010 11:00	38.002	0.54013	0.389	16.44	0.426	13.9	44.5541	104.9779005	104.977785	0.380020	105.040590	
2010	35	1300	35.541666667	02/04/2010 13:00	02/04/2010 12:00	37.685	0.53563	0.39	16.46	0.426	13.86	44.5645	104.9747379	104.974623	0.376850	105.037420	
2010	35	1400	35.583333333	02/04/2010 14:00	02/04/2010 13:00	37.95	0.53939	0.389	16.47	0.426	13.84	44.5558	104.9773817	104.977266	0.379500	105.040070	
2010	35	1500	35.625000000	02/04/2010 15:00	02/04/2010 14:00	37.949	0.53938	0.39	16.44	0.426	13.84	44.5559	104.9773717	104.977256	0.379490	105.040060	
2010	35	1600	35.666666667	02/04/2010 16:00	02/04/2010 15:00	37.94	0.53925	0.39	16.43	0.426	13.69	44.5562	104.977282	104.977167	0.379400	105.039970	
2010	35	1700	35.708333333	02/04/2010 17:00	02/04/2010 16:00	38.07	0.54110	0.389	16.45	0.426	13.56	44.5519	104.9785789	104.978464	0.380700	105.041270	
2010	35	1800	35.750000000	02/04/2010 18:00	02/04/2010 17:00	38.023	0.54043	0.389	16.44	0.426	13.46	44.5534	104.97811	104.977995	0.380230	105.040800	
2010	35	1900	35.791666667	02/04/2010 19:00	02/04/2010 18:00	37.927	0.53907	0.389	16.44	0.426	13.39	44.5566	104.9771523	104.977037	0.379270	105.039840	
2010	35	2000	35.833333333	02/04/2010 20:00	02/04/2010 19:00	37.978	0.53979	0.389	16.44	0.426	13.32	44.5549	104.9776611	104.977546	0.379780	105.040350	
2010	35	2100	35.875000000	02/04/2010 21:00	02/04/2010 20:00	37.884	0.53845	0.389	16.44	0.426	13.26	44.5580	104.9767233	104.976608	0.378840	105.039410	
2010	35	2200	35.916666667	02/04/2010 22:00	02/04/2010 21:00	37.872	0.53828	0.389	16.45	0.426	13.2	44.5584	104.9766035	104.976488	0.378720	105.039290	
2010	35	2300	35.958333333	02/04/2010 23:00	02/04/2010 22:00	37.803	0.53730	0.39	16.44	0.426	13.15	44.5606	104.9759152	104.975800	0.378030	105.038600	
2010	35	2400	36.000000000	02/05/2010 0:00	02/04/2010 23:00	37.655	0.53520	0.389	16.45	0.426	13.11	44.5655	104.9744386	104.974323	0.376550	105.037120	
2010	36	100	36.041666667	02/05/2010 1:00	02/05/2010 0:00	37.551	0.53372	0.389	16.46	0.426	13.06	44.5689	104.9734011	104.973286	0.375510	105.036080	
2010	36	200	36.083333333	02/05/2010 2:00	02/05/2010 1:00	37.457	0.53238	0.39	16.44	0.427	13.02	44.5720	104.9724633	104.972348	0.374570	105.035140	
2010	36	300	36.125000000	02/05/2010 3:00	02/05/2010 2:00	37.246	0.52939	0.391	16.44	0.427	12.99	44.5789	104.9703582	104.970243	0.372460	105.033030	
2010	36	400	36.166666667	02/05/2010 4:00	02/05/2010 3:00	37.235	0.52923	0.389	16.46	0.425	12.95	44.5792	104.9702484	104.970133	0.372350	105.032920	
2010	36	500	36.208333333	02/05/2010 5:00	02/05/2010 4:00	36.917	0.52471	0.389	16.45	0.425	12.92	44.5896	104.9670759	104.966961	0.369170	105.029740	
2010	36	600	36.250000000	02/05/2010 6:00	02/05/2010 5:00	36.941	0.52505	0.389	16.45	0.425	12.9	44.5889	104.9673153	104.967200	0.369410	105.029980	
2010	36	700	36.291666667	02/05/2010 7:00	02/05/2010 6:00	37.2	0.52873	0.389	16.45	0.425	12.87	44.5804	104.9698993	104.969784	0.372000	105.032570	
2010	36	800	36.333333333	02/05/2010 8:00	02/05/2010 7:00	37.422	0.53189	0.39	16.44	0.426	12.86	44.5731	104.9721141	104.971999	0.374220	105.034790	
2010	36	900	36.375000000	02/05/2010 9:00	02/05/2010 8:00	37.81	0.53740	0.389	16.44	0.425	12.85	44.5604	104.975985	104.975870	0.378100	105.038670	
2010	36	1000	36.416666667	02/05/2010 10:00	02/05/2010 9:00	38.138	0.54206	0.389	16.44	0.425	13.41	44.5497	104.9792573	104.979142	0.381380	105.041950	
2010	36	1100	36.458333333	02/05/2010 11:00	02/05/2010 10:00	38.309	0.54449	0.389	16.45	0.425	13.9	44.5441	104.9809633	104.980848	0.383090	105.043660	
2010	36	1200	36.500000000	02/05/2010 12:00	02/05/2010 11:00	38.412	0.54596	0.389	16.44	0.425	13.89	44.5407	104.9819909	104.981876	0.384120	105.044690	
2010	36	1300	36.541666667	02/05/2010 13:00	02/05/2010 12:00	38.141	0.54211	0.389	16.46	0.426	13.82	44.5496	104.9792872	104.979172	0.381410	105.041980	
2010	36	1400	36.583333333	02/05/2010 14:00	02/05/2010 13:00	38.564	0.54812	0.389	16.44	0.425	13.82	44.5357	104.9835074	104.983392	0.385640	105.046210	
2010	36	1500	36.625000000	02/05/2010 15:00	02/05/2010 14:00	38.244	0.54357	0.389	16.45	0.425	13.78	44.5462	104.9803148	104.980199	0.382440	105.043010	
2010	36	1600	36.666666667	02/05/2010 16:00	02/05/2010 15:00	38.442	0.54638	0.389	16.45	0.425	13.66	44.5397	104.9822902	104.982175	0.384420	105.044990	
2010	36	1700	36.708333333	02/05/2010 17:00	02/05/2010 16:00	38.317	0.54461	0.389	16.44	0.425	13.52	44.5438	104.9810431	104.980928	0.383170	105.043740	
2010	36	1800	36.750000000	02/05/2010 18:00	02/05/2010 17:00	38.278	0.54405	0.389	16.44	0.425	13.42	44.5451	104.980654	104.980539	0.382780	105.043350	
2010	36	1900	36.791666667	02/05/2010 19:00	02/05/2010 18:00	38.108	0.54164	0.389	16.46	0.425	13.35	44.5507	104.978958	104.978843	0.381080	105.041650	
2010	36	2000	36.833333333	02/05/2010 20:00	02/05/2010 19:00	38.164	0.54243	0.389	16.43	0.426	13.28	44.5488	104.9795167	104.979401	0.381640	105.042210	
2010	36	2100	36.875000000	02/05/2010 21:00	02/05/2010 20:00	38.054	0.54087	0.389	16.46	0.426	13.23	44.5524	104.9784193	104.978304	0.380540	105.041110	
2010	36	2200	36.916666667	02/05/2010 22:00	02/05/2010 21:00	37.834	0.53774	0.389	16.45	0.426	13.18	44.5596	104.9762244	104.976109	0.378340	105.038910	
2010	36	2300	36.958333333	02/05/2010 23:00	02/05/2010 22:00	37.603	0.53446	0.39	16.44	0.426	13.13	44.5672	104.9739198	104.973804	0.376030	105.036600	
2010	36	2400	37.000000000	02/06/2010 0:00	02/05/2010 23:00	37.411	0.53173	0.391	16.44	0.427	13.09	44.5735	104.9720043	104.971889	0.374110	105.034680	
2010	37	100	37.041666667	02/06/2010 1:00	02/06/2010 0:00	37.352	0.53089	0.391	16.44	0.428	13.04	44.5754	104.9714157	104.971300	0.373520	105.034090	
2010	37	200	37.083333333	02/06/2010 2:00	02/06/2010 1:00	37.187	0.52855	0.389	16.44	0.425	13	44.5808	104.9697696	104.969654	0.371870	105.032440	
2010	37	300	37.125000000	02/06/2010 3:00	02/06/2010 2:00	37.022	0.52620	0.389	16.45	0.425	12.97	44.5862	104.9681234	104.968008	0.370220	105.030790	
2010	37	400	37.166666667	02/06/2010 4:00	02/06/2010 3:00	36.87	0.52404	0.389	16.43	0.425	12.94	44.5912	104.966607	104.966492	0.368700	105.029270	
2010	37	500	37.208333333	02/06/2010 5:00	02/06/2010 4:00	36.635	0.52070	0.39	16.43	0.427	12.92	44.5989	104.9642625	104.964147	0.366350	105.026920	
2010	37	600	37.250000000	02/06/2010 6:00	02/06/2010 5:00	36.494	0.51870	0.39	16.45	0.427	12.9	44.6035	104.9628558	104.962740	0.364940	105.025510	
2010	37	700	37.291666667	02/06/2010 7:00	02/06/2010 6:00	36.344	0.51657	0.391	16.45	0.427	12.87	44.6084	104.9613593	104.961244	0.363440	105.024010	
2010	37	800	37.333333333	02/06/2010 8:00	02/06/2010 7:00	35.99	0.51153	0.391	16.44	0.428	12.99	44.6200	104.9578276	104.957712	0.359900	105.020470	
2010	37	900	37.375000000	02/06/2010 9:00	02/06/2010 8:00	35.346	0.50238	0.391	16.43	0.428	13.97	44.6411	104.9514026	104.951287	0.353460	105.014030	
2010	37	1000	37.416666667	02/06/2010 10:00	02/06/2010 9:00	35.31	0.50187	0.391	16.46	0.428	13.95	44.6422	104.9510435	104.950928	0.353100	105.013670	
2010	37	1100	37.458333333	02/06/2010 11:00	02/06/2010 10:00	34.775	0.49426	0.391	16.45	0.428	13.9	44.6598	104.945706	104.945591	0.347750	105.008320	
2010	37	1200	37.500000000	02/06/2010 12:00	02/06/2010 11:00	34.799	0.49461	0.391	16.43	0.428	13.86	44.6590	104.9459454	104.945830	0.347990	105.008560	
2010	37	1300	37.541666667	02/06/2010 13:00	02/06/2010 12:00	34.524	0.49070	0.391	16.45	0.428	13.82	44.6680	104.9432019	104.943087	0.345240	105.005810	
2010	37	1400	37.583333333	02/06/2010 14:00	02/06/2010 13:00	33.823	0.48073	0.391	16.45	0.427	13.8	44.6909	104.9362083	104.936093	0.338230	104.998800	
2010	37	1500	37.625000000	02/06/2010 15:00	02/06/2010 14:00	33.902	0.48186	0.391	16.45	0.428	13.78	44.6883	104.9369964	104.936881	0.339020	104.999590	
2010	37	1600	37.666666667	02/06/2010 16:00	02/06/2010 15:00	33.586	0.47737	0.392	16.44	0.428	13.79	44.6987	104.9338438	104.933728	0.335860	104.996430	
2010	37	1700	37.708333333	02/06/2010 17:00	02/06/2010 16:00	33.589	0.47741	0.392	16.46	0.428	13.6	44.6986	104.9338737	104.933758	0.335890	104.996460	
2010	37	1800	37.750000000	02/06/2010 18:00	02/06/2010 17:00	33.375	0.47437	0.392	16.45	0.428	13.48	44.7056	104.9317388	104.931623	0.333750	104.994320	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	37	1900	37.791666667	02/06/2010 19:00	02/06/2010 18:00	33.141	0.47104	0.392	16.44	0.428	13.41	44.7132	104.9294042	104.929289	0.331410	104.991980	
2010	37	2000	37.833333333	02/06/2010 20:00	02/06/2010 19:00	32.894	0.46753	0.391	16.44	0.428	13.33	44.7213	104.92694	104.926825	0.328940	104.989510	
2010	37	2100	37.875000000	02/06/2010 21:00	02/06/2010 20:00	32.812	0.46636	0.391	16.44	0.428	13.28	44.7240	104.9261219	104.926007	0.328120	104.988690	
2010	37	2200	37.916666667	02/06/2010 22:00	02/06/2010 21:00	32.613	0.46354	0.391	16.43	0.428	13.22	44.7305	104.9241366	104.924021	0.326130	104.986700	
2010	37	2300	37.958333333	02/06/2010 23:00	02/06/2010 22:00	32.404	0.46057	0.391	16.47	0.428	13.17	44.7374	104.9220515	104.921936	0.324040	104.984610	
2010	37	2400	38.000000000	02/07/2010 0:00	02/06/2010 23:00	32.36	0.45994	0.391	16.46	0.428	13.12	44.7388	104.9216125	104.921497	0.323600	104.984170	
2010	38	100	38.041666667	02/07/2010 1:00	02/07/2010 0:00	32.291	0.45896	0.391	16.43	0.427	13.08	44.7411	104.9209241	104.920809	0.322910	104.983480	
2010	38	200	38.083333333	02/07/2010 2:00	02/07/2010 1:00	32.113	0.45643	0.39	16.44	0.427	13.04	44.7469	104.9191483	104.919033	0.321130	104.981700	
2010	38	300	38.125000000	02/07/2010 3:00	02/07/2010 2:00	32.045	0.45546	0.391	16.44	0.427	13	44.7491	104.9184699	104.918355	0.320450	104.981020	
2010	38	400	38.166666667	02/07/2010 4:00	02/07/2010 3:00	31.799	0.45197	0.391	16.44	0.427	12.97	44.7572	104.9160156	104.915900	0.317990	104.978560	
2010	38	500	38.208333333	02/07/2010 5:00	02/07/2010 4:00	31.668	0.45010	0.39	16.44	0.427	12.93	44.7615	104.9147087	104.914593	0.316680	104.977250	
2010	38	600	38.250000000	02/07/2010 6:00	02/07/2010 5:00	31.458	0.44712	0.391	16.44	0.427	12.91	44.7683	104.9126136	104.912498	0.314580	104.975150	
2010	38	700	38.291666667	02/07/2010 7:00	02/07/2010 6:00	31.21	0.44359	0.391	16.45	0.427	12.88	44.7764	104.9101394	104.910024	0.312100	104.972670	
2010	38	800	38.333333333	02/07/2010 8:00	02/07/2010 7:00	30.906	0.43927	0.39	16.44	0.427	12.87	44.7864	104.9071065	104.906991	0.309060	104.969630	
2010	38	900	38.375000000	02/07/2010 9:00	02/07/2010 8:00	30.574	0.43456	0.39	16.44	0.427	13.34	44.7973	104.9037943	104.903679	0.305740	104.966310	
2010	38	1000	38.416666667	02/07/2010 10:00	02/07/2010 9:00	30.205	0.42931	0.39	16.43	0.426	13.64	44.8093	104.9001129	104.899998	0.302050	104.962620	
2010	38	1100	38.458333333	02/07/2010 11:00	02/07/2010 10:00	29.967	0.42593	0.389	16.46	0.426	13.94	44.8171	104.8977385	104.897623	0.299670	104.960240	
2010	38	1200	38.500000000	02/07/2010 12:00	02/07/2010 11:00	29.645	0.42135	0.389	16.44	0.426	13.92	44.8277	104.894526	104.894411	0.296450	104.957020	
2010	38	1300	38.541666667	02/07/2010 13:00	02/07/2010 12:00	29.266	0.41596	0.389	16.44	0.426	13.9	44.8401	104.8907449	104.890630	0.292660	104.953230	
2010	38	1400	38.583333333	02/07/2010 14:00	02/07/2010 13:00	28.859	0.41018	0.389	16.43	0.426	13.86	44.8534	104.8866844	104.886569	0.288590	104.949160	
2010	38	1500	38.625000000	02/07/2010 15:00	02/07/2010 14:00	29.146	0.41426	0.389	16.45	0.425	13.82	44.8440	104.8895477	104.889432	0.291460	104.952030	
2010	38	1600	38.666666667	02/07/2010 16:00	02/07/2010 15:00	28.957	0.41157	0.389	16.45	0.425	13.86	44.8502	104.8876621	104.887547	0.289570	104.950140	
2010	38	1700	38.708333333	02/07/2010 17:00	02/07/2010 16:00	28.916	0.41099	0.389	16.44	0.425	13.7	44.8515	104.8872531	104.887138	0.289160	104.949730	
2010	38	1800	38.750000000	02/07/2010 18:00	02/07/2010 17:00	28.844	0.40997	0.389	16.45	0.425	13.57	44.8539	104.8865348	104.886419	0.288440	104.949010	
2010	38	1900	38.791666667	02/07/2010 19:00	02/07/2010 18:00	28.8	0.40934	0.389	16.46	0.425	13.48	44.8553	104.8860958	104.885980	0.288000	104.948570	
2010	38	2000	38.833333333	02/07/2010 20:00	02/07/2010 19:00	28.685	0.40771	0.389	16.45	0.425	13.41	44.8591	104.8849485	104.884833	0.286850	104.947420	
2010	38	2100	38.875000000	02/07/2010 21:00	02/07/2010 20:00	28.604	0.40656	0.389	16.45	0.425	13.34	44.8617	104.8841404	104.884025	0.286040	104.946610	
2010	38	2200	38.916666667	02/07/2010 22:00	02/07/2010 21:00	28.569	0.40606	0.389	16.44	0.425	13.29	44.8629	104.8837912	104.883676	0.285690	104.946260	
2010	38	2300	38.958333333	02/07/2010 23:00	02/07/2010 22:00	28.562	0.40596	0.389	16.48	0.425	13.23	44.8631	104.8837214	104.883606	0.285620	104.946190	
2010	38	2400	39.000000000	02/08/2010 0:00	02/07/2010 23:00	28.38	0.40337	0.389	16.45	0.425	13.17	44.8691	104.8819056	104.881790	0.283800	104.944370	
2010	39	100	39.041666667	02/08/2010 1:00	02/08/2010 0:00	28.368	0.40320	0.389	16.44	0.425	13.13	44.8695	104.8817859	104.881671	0.283680	104.944250	
2010	39	200	39.083333333	02/08/2010 2:00	02/08/2010 1:00	28.298	0.40221	0.389	16.45	0.425	13.09	44.8718	104.8810875	104.880972	0.282980	104.943550	
2010	39	300	39.125000000	02/08/2010 3:00	02/08/2010 2:00	28.286	0.40204	0.389	16.45	0.425	13.05	44.8722	104.8809678	104.880852	0.282860	104.943430	
2010	39	400	39.166666667	02/08/2010 4:00	02/08/2010 3:00	28.203	0.40086	0.389	16.45	0.425	13.01	44.8749	104.8801398	104.880024	0.282030	104.942600	
2010	39	500	39.208333333	02/08/2010 5:00	02/08/2010 4:00	28.145	0.40003	0.389	16.46	0.425	12.97	44.8768	104.8795611	104.879446	0.281450	104.942020	
2010	39	600	39.250000000	02/08/2010 6:00	02/08/2010 5:00	28.027	0.39835	0.389	16.43	0.425	12.94	44.8806	104.8783839	104.878269	0.280270	104.940840	
2010	39	700	39.291666667	02/08/2010 7:00	02/08/2010 6:00	27.896	0.39649	0.389	16.45	0.426	12.91	44.8849	104.8770769	104.876962	0.278960	104.939530	
2010	39	800	39.333333333	02/08/2010 8:00	02/08/2010 7:00	27.707	0.39381	0.389	16.45	0.425	12.89	44.8911	104.8751914	104.875076	0.277070	104.937640	
2010	39	900	39.375000000	02/08/2010 9:00	02/08/2010 8:00	27.402	0.38947	0.389	16.45	0.425	12.98	44.9011	104.8721485	104.872033	0.274020	104.934590	
2010	39	1000	39.416666667	02/08/2010 10:00	02/08/2010 9:00	27.009	0.38389	0.389	16.45	0.425	13.94	44.9140	104.8682277	104.868112	0.270090	104.930660	
2010	39	1100	39.458333333	02/08/2010 11:00	02/08/2010 10:00	26.749	0.38019	0.389	16.45	0.425	13.94	44.9225	104.8656338	104.865518	0.267490	104.928060	
2010	39	1200	39.500000000	02/08/2010 12:00	02/08/2010 11:00	26.369	0.37479	0.389	16.45	0.425	13.91	44.9349	104.8618427	104.861727	0.263690	104.924260	
2010	39	1300	39.541666667	02/08/2010 13:00	02/08/2010 12:00	26.038	0.37008	0.389	16.45	0.425	13.88	44.9457	104.8585404	104.858425	0.260380	104.920950	
2010	39	1400	39.583333333	02/08/2010 14:00	02/08/2010 13:00	25.701	0.36529	0.389	16.45	0.425	13.86	44.9568	104.8551783	104.855063	0.257010	104.917580	
2010	39	1500	39.625000000	02/08/2010 15:00	02/08/2010 14:00	25.501	0.36245	0.389	16.47	0.425	13.85	44.9633	104.853183	104.853068	0.255010	104.915580	
2010	39	1600	39.666666667	02/08/2010 16:00	02/08/2010 15:00	25.278	0.35928	0.389	16.44	0.425	13.86	44.9706	104.8509582	104.850843	0.252780	104.913350	
2010	39	1700	39.708333333	02/08/2010 17:00	02/08/2010 16:00	25.02	0.35561	0.388	16.45	0.425	13.64	44.9791	104.8483842	104.848269	0.250200	104.910770	
2010	39	1800	39.750000000	02/08/2010 18:00	02/08/2010 17:00	24.744	0.35169	0.389	16.45	0.425	13.52	44.9881	104.8456307	104.845515	0.247440	104.908010	
2010	39	1900	39.791666667	02/08/2010 19:00	02/08/2010 18:00	24.501	0.34824	0.389	16.46	0.425	13.44	44.9960	104.8432064	104.843091	0.245010	104.905580	
2010	39	2000	39.833333333	02/08/2010 20:00	02/08/2010 19:00	24.247	0.34463	0.389	16.46	0.425	13.37	45.0044	104.8406723	104.840557	0.242470	104.903040	
2010	39	2100	39.875000000	02/08/2010 21:00	02/08/2010 20:00	23.953	0.34045	0.389	16.47	0.425	13.31	45.0140	104.8377392	104.837624	0.239530	104.900100	
2010	39	2200	39.916666667	02/08/2010 22:00	02/08/2010 21:00	23.66	0.33628	0.389	16.46	0.425	13.25	45.0236	104.834816	104.834701	0.236600	104.897170	
2010	39	2300	39.958333333	02/08/2010 23:00	02/08/2010 22:00	23.414	0.33279	0.389	16.45	0.425	13.2	45.0316	104.8323618	104.832246	0.234140	104.894710	
2010	39	2400	40.000000000	02/09/2010 0:00	02/08/2010 23:00	23.202	0.32978	0.389	16.43	0.425	13.15	45.0386	104.8302468	104.830131	0.232020	104.892590	
2010	40	100	40.041666667	02/09/2010 1:00	02/09/2010 0:00	23.038	0.32744	0.389	16.46	0.425	13.1	45.0439	104.8286106	104.828495	0.230380	104.890950	
2010	40	200	40.083333333	02/09/2010 2:00	02/09/2010 1:00	22.897	0.32544	0.389	16.46	0.425	13.06	45.0485	104.8272039	104.827089	0.228970	104.889540	
2010	40	300	40.125000000	02/09/2010 3:00	02/09/2010 2:00	22.651	0.32194	0.389	16.45	0.425	13.03	45.0566	104.8247497	104.824634	0.226510	104.887080	
2010	40	400	40.166666667	02/09/2010 4:00	02/09/2010 3:00	22.533	0.32027	0.389	16.44	0.425	12.98	45.0605	104.8235724	104.823457	0.225330	104.885900	
2010	40	500	40.208333333	02/09/2010 5:00	02/09/2010 4:00	22.369	0.31794	0.389	16.44	0.425	12.95	45.0658	104.8219363	104.821821	0.223690	104.884260	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	40	600	40.250000000	02/09/2010 6:00	02/09/2010 5:00	22.205	0.31560	0.389	16.47	0.425	12.92	45.0712	104.8203001	104.820185	0.222050	104.882620	
2010	40	700	40.291666667	02/09/2010 7:00	02/09/2010 6:00	22.064	0.31360	0.389	16.45	0.425	12.9	45.0758	104.8188934	104.818778	0.220640	104.881210	
2010	40	800	40.333333333	02/09/2010 8:00	02/09/2010 7:00	21.842	0.31045	0.389	16.44	0.425	12.87	45.0831	104.8166786	104.816563	0.218420	104.878990	
2010	40	900	40.375000000	02/09/2010 9:00	02/09/2010 8:00	21.478	0.30527	0.389	16.46	0.425	13.3	45.0950	104.8130471	104.812932	0.214780	104.875350	
2010	40	1000	40.416666667	02/09/2010 10:00	02/09/2010 9:00	21.113	0.30008	0.388	16.46	0.425	13.94	45.1069	104.8094056	104.809290	0.211130	104.871700	
2010	40	1100	40.458333333	02/09/2010 11:00	02/09/2010 10:00	20.781	0.29537	0.389	16.47	0.425	13.9	45.1178	104.8060934	104.805978	0.207810	104.868380	
2010	40	1200	40.500000000	02/09/2010 12:00	02/09/2010 11:00	20.434	0.29043	0.389	16.45	0.425	13.84	45.1292	104.8026315	104.802516	0.204340	104.864910	
2010	40	1300	40.541666667	02/09/2010 13:00	02/09/2010 12:00	19.596	0.27852	0.389	16.46	0.425	13.8	45.1566	104.7942711	104.794156	0.195960	104.856530	
2010	40	1400	40.583333333	02/09/2010 14:00	02/09/2010 13:00	19.919	0.28311	0.388	16.46	0.425	13.78	45.1460	104.7974936	104.797378	0.199190	104.859760	
2010	40	1500	40.625000000	02/09/2010 15:00	02/09/2010 14:00	19.602	0.27861	0.388	16.46	0.424	13.77	45.1564	104.794331	104.794216	0.196020	104.856590	
2010	40	1600	40.666666667	02/09/2010 16:00	02/09/2010 15:00	19.12	0.27176	0.388	16.45	0.425	13.74	45.1722	104.7895223	104.789407	0.191200	104.851770	
2010	40	1700	40.708333333	02/09/2010 17:00	02/09/2010 16:00	19.715	0.28021	0.388	16.46	0.425	13.72	45.1527	104.7954583	104.795343	0.197150	104.857720	
2010	40	1800	40.750000000	02/09/2010 18:00	02/09/2010 17:00	19.477	0.27683	0.388	16.46	0.425	13.54	45.1605	104.7930839	104.792969	0.194770	104.855340	
2010	40	1900	40.791666667	02/09/2010 19:00	02/09/2010 18:00	19.439	0.27629	0.389	16.44	0.425	13.45	45.1617	104.7927048	104.792589	0.194390	104.854960	
2010	40	2000	40.833333333	02/09/2010 20:00	02/09/2010 19:00	19.621	0.27888	0.388	16.45	0.425	13.38	45.1558	104.7945205	104.794405	0.196210	104.856780	
2010	40	2100	40.875000000	02/09/2010 21:00	02/09/2010 20:00	19.992	0.28415	0.388	16.46	0.425	13.32	45.1436	104.7982219	104.798107	0.199920	104.860490	
2010	40	2200	40.916666667	02/09/2010 22:00	02/09/2010 21:00	20.487	0.29119	0.388	16.45	0.425	13.26	45.1274	104.8031603	104.803045	0.204870	104.865440	
2010	40	2300	40.958333333	02/09/2010 23:00	02/09/2010 22:00	21.429	0.30458	0.388	16.45	0.425	13.21	45.0966	104.8125582	104.812443	0.214290	104.874860	
2010	40	2400	41.000000000	02/10/2010 0:00	02/09/2010 23:00	22.327	0.31734	0.388	16.46	0.425	13.16	45.0672	104.8215172	104.821402	0.223270	104.883840	
2010	41	100	41.041666667	02/10/2010 1:00	02/10/2010 0:00	23.315	0.33138	0.388	16.44	0.425	13.11	45.0349	104.8313741	104.831259	0.233150	104.893720	
2010	41	200	41.083333333	02/10/2010 2:00	02/10/2010 1:00	24.209	0.34409	0.389	16.45	0.425	13.07	45.0056	104.8402932	104.840178	0.242090	104.902660	
2010	41	300	41.125000000	02/10/2010 3:00	02/10/2010 2:00	24.936	0.35442	0.388	16.46	0.425	13.03	44.9818	104.8475462	104.847431	0.249360	104.909930	
2010	41	400	41.166666667	02/10/2010 4:00	02/10/2010 3:00	25.547	0.36311	0.388	16.45	0.425	12.99	44.9618	104.8536419	104.853527	0.255470	104.916040	
2010	41	500	41.208333333	02/10/2010 5:00	02/10/2010 4:00	25.958	0.36895	0.388	16.46	0.425	12.95	44.9484	104.8577423	104.857627	0.259580	104.920150	
2010	41	600	41.250000000	02/10/2010 6:00	02/10/2010 5:00	26.31	0.37395	0.388	16.46	0.425	12.92	44.9368	104.861254	104.861139	0.263100	104.923670	
2010	41	700	41.291666667	02/10/2010 7:00	02/10/2010 6:00	26.624	0.37841	0.388	16.44	0.425	12.89	44.9266	104.8643867	104.864271	0.266240	104.926810	
2010	41	800	41.333333333	02/10/2010 8:00	02/10/2010 7:00	26.483	0.37641	0.388	16.44	0.424	13.64	44.9312	104.86298	104.862865	0.264830	104.925400	
2010	41	900	41.375000000	02/10/2010 9:00	02/10/2010 8:00	27.192	0.38649	0.389	16.47	0.425	14.02	44.9080	104.8700534	104.869938	0.271920	104.932490	
2010	41	1000	41.416666667	02/10/2010 10:00	02/10/2010 9:00	26.888	0.38217	0.389	16.45	0.425	13.98	44.9179	104.8670205	104.866905	0.268880	104.929450	
2010	41	1100	41.458333333	02/10/2010 11:00	02/10/2010 10:00	26.468	0.37620	0.39	16.44	0.426	13.94	44.9317	104.8628304	104.862715	0.264680	104.925250	
2010	41	1200	41.500000000	02/10/2010 12:00	02/10/2010 11:00	26.602	0.37810	0.391	16.45	0.427	13.9	44.9273	104.8641672	104.864052	0.266020	104.926590	
2010	41	1300	41.541666667	02/10/2010 13:00	02/10/2010 12:00	26.64	0.37864	0.391	16.48	0.428	13.85	44.9260	104.8645463	104.864431	0.266400	104.926970	
2010	41	1400	41.583333333	02/10/2010 14:00	02/10/2010 13:00	26.508	0.37676	0.391	16.46	0.427	13.84	44.9303	104.8632294	104.863114	0.265080	104.925650	
2010	41	1500	41.625000000	02/10/2010 15:00	02/10/2010 14:00	26.272	0.37341	0.391	16.44	0.427	13.83	44.9381	104.8608749	104.860760	0.262720	104.923290	
2010	41	1600	41.666666667	02/10/2010 16:00	02/10/2010 15:00	26.307	0.37391	0.391	16.44	0.427	13.65	44.9369	104.8612241	104.861109	0.263070	104.923640	
2010	41	1700	41.708333333	02/10/2010 17:00	02/10/2010 16:00	26.333	0.37428	0.39	16.43	0.427	13.53	44.9361	104.8614835	104.861368	0.263330	104.923900	
2010	41	1800	41.750000000	02/10/2010 18:00	02/10/2010 17:00	26.381	0.37496	0.39	16.43	0.426	13.43	44.9345	104.8619624	104.861847	0.263810	104.924380	
2010	41	1900	41.791666667	02/10/2010 19:00	02/10/2010 18:00	26.752	0.38023	0.39	16.45	0.426	13.36	44.9224	104.8656637	104.865548	0.267520	104.928090	
2010	41	2000	41.833333333	02/10/2010 20:00	02/10/2010 19:00	27.224	0.38694	0.389	16.45	0.426	13.3	44.9069	104.8703727	104.870257	0.272240	104.932810	
2010	41	2100	41.875000000	02/10/2010 21:00	02/10/2010 20:00	27.792	0.39501	0.389	16.45	0.426	13.24	44.8883	104.8760394	104.875924	0.277920	104.938490	
2010	41	2200	41.916666667	02/10/2010 22:00	02/10/2010 21:00	28.462	0.40454	0.389	16.46	0.426	13.19	44.8664	104.8827237	104.882608	0.284620	104.945190	
2010	41	2300	41.958333333	02/10/2010 23:00	02/10/2010 22:00	29.297	0.41640	0.39	16.45	0.426	13.13	44.8391	104.8910542	104.890939	0.292970	104.953540	
2010	41	2400	42.000000000	02/11/2010 0:00	02/10/2010 23:00	29.989	0.42624	0.389	16.46	0.426	13.09	44.8164	104.897958	104.897843	0.299890	104.960460	
2010	42	100	42.041666667	02/11/2010 1:00	02/11/2010 0:00	30.929	0.43960	0.389	16.45	0.425	13.05	44.7856	104.907336	104.907221	0.309290	104.969860	
2010	42	200	42.083333333	02/11/2010 2:00	02/11/2010 1:00	31.836	0.45249	0.388	16.45	0.424	13.02	44.7560	104.9163848	104.916269	0.318360	104.978930	
2010	42	300	42.125000000	02/11/2010 3:00	02/11/2010 2:00	32.497	0.46189	0.388	16.46	0.424	12.97	44.7343	104.9229793	104.922864	0.324970	104.985540	
2010	42	400	42.166666667	02/11/2010 4:00	02/11/2010 3:00	33.014	0.46924	0.388	16.46	0.425	12.94	44.7174	104.9281372	104.928022	0.330140	104.990710	
2010	42	500	42.208333333	02/11/2010 5:00	02/11/2010 4:00	33.587	0.47738	0.389	16.46	0.425	12.91	44.6986	104.9338538	104.933738	0.335870	104.996440	
2010	42	600	42.250000000	02/11/2010 6:00	02/11/2010 5:00	33.879	0.48153	0.389	16.47	0.425	12.89	44.6891	104.936767	104.936652	0.338790	104.999360	
2010	42	700	42.291666667	02/11/2010 7:00	02/11/2010 6:00	34.116	0.48490	0.389	16.46	0.425	12.87	44.6813	104.9391314	104.939016	0.341160	105.001730	
2010	42	800	42.333333333	02/11/2010 8:00	02/11/2010 7:00	34.313	0.48770	0.389	16.46	0.425	12.85	44.6749	104.9410968	104.940981	0.343130	105.003700	
2010	42	900	42.375000000	02/11/2010 9:00	02/11/2010 8:00	34.217	0.48633	0.389	16.48	0.425	13.19	44.6780	104.9401391	104.940024	0.342170	105.002740	
2010	42	1000	42.416666667	02/11/2010 10:00	02/11/2010 9:00	34.475	0.49000	0.389	16.45	0.425	13.57	44.6696	104.942713	104.942598	0.344750	105.005320	
2010	42	1100	42.458333333	02/11/2010 11:00	02/11/2010 10:00	34.04	0.48382	0.389	16.46	0.426	13.91	44.6838	104.9383732	104.938258	0.340400	105.000970	
2010	42	1200	42.500000000	02/11/2010 12:00	02/11/2010 11:00	34.291	0.48739	0.389	16.46	0.426	13.88	44.6756	104.9408773	104.940762	0.342910	105.003480	
2010	42	1300	42.541666667	02/11/2010 13:00	02/11/2010 12:00	34.396	0.48888	0.389	16.47	0.426	13.83	44.6722	104.9419249	104.941810	0.343960	105.004530	
2010	42	1400	42.583333333	02/11/2010 14:00	02/11/2010 13:00	34.495	0.49029	0.389	16.46	0.425	13.8	44.6689	104.9429126	104.942797	0.344950	105.005520	
2010	42	1500	42.625000000	02/11/2010 15:00	02/11/2010 14:00	34.841	0.49520	0.389	16.46	0.425	13.79	44.6576	104.9463645	104.946249	0.348410	105.008980	
2010	42	1600	42.666666667	02/11/2010 16:00	02/11/2010 15:00	35.418	0.50340	0.389	16.45	0.425	13.63	44.6387	104.952121	104.952006	0.354180	105.014750	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	42	1700	42.708333333	02/11/2010 17:00	02/11/2010 16:00	35.811	0.50899	0.389	16.43	0.425	13.5	44.6258	104.9560418	104.955926	0.358110	105.018680	
2010	42	1800	42.750000000	02/11/2010 18:00	02/11/2010 17:00	36.132	0.51355	0.389	16.45	0.425	13.41	44.6153	104.9592443	104.959129	0.361320	105.021890	
2010	42	1900	42.791666667	02/11/2010 19:00	02/11/2010 18:00	36.417	0.51760	0.389	16.45	0.425	13.34	44.6060	104.9620876	104.961972	0.364170	105.024740	
2010	42	2000	42.833333333	02/11/2010 20:00	02/11/2010 19:00	36.708	0.52174	0.389	16.45	0.425	13.28	44.5965	104.9649908	104.964875	0.367080	105.027650	
2010	42	2100	42.875000000	02/11/2010 21:00	02/11/2010 20:00	36.792	0.52293	0.389	16.46	0.425	13.22	44.5937	104.9658288	104.965713	0.367920	105.028490	
2010	42	2200	42.916666667	02/11/2010 22:00	02/11/2010 21:00	36.957	0.52528	0.389	16.47	0.425	13.17	44.5883	104.967475	104.967360	0.369570	105.030140	
2010	42	2300	42.958333333	02/11/2010 23:00	02/11/2010 22:00	37.239	0.52929	0.389	16.46	0.426	13.12	44.5791	104.9702884	104.970173	0.372390	105.032960	
2010	42	2400	43.000000000	02/12/2010 0:00	02/11/2010 23:00	37.626	0.53479	0.389	16.46	0.426	13.07	44.5664	104.9741493	104.974034	0.376260	105.036830	
2010	43	100	43.041666667	02/12/2010 1:00	02/12/2010 0:00	38.029	0.54051	0.389	16.45	0.426	13.03	44.5532	104.9781699	104.978055	0.380290	105.040860	
2010	43	200	43.083333333	02/12/2010 2:00	02/12/2010 1:00	38.444	0.54641	0.389	16.45	0.425	13	44.5397	104.9823102	104.982195	0.384440	105.045010	
2010	43	300	43.125000000	02/12/2010 3:00	02/12/2010 2:00	38.785	0.55126	0.389	16.46	0.425	12.97	44.5285	104.9857122	104.985597	0.387850	105.048420	
2010	43	400	43.166666667	02/12/2010 4:00	02/12/2010 3:00	39.173	0.55677	0.39	16.46	0.426	12.93	44.5158	104.9895831	104.989468	0.391730	105.052300	
2010	43	500	43.208333333	02/12/2010 5:00	02/12/2010 4:00	39.351	0.55930	0.39	16.48	0.426	12.91	44.5100	104.9913589	104.991244	0.393510	105.054080	
2010	43	600	43.250000000	02/12/2010 6:00	02/12/2010 5:00	39.419	0.56027	0.39	16.47	0.427	12.88	44.5078	104.9920373	104.991922	0.394190	105.054760	
2010	43	700	43.291666667	02/12/2010 7:00	02/12/2010 6:00	39.675	0.56391	0.39	16.45	0.427	12.87	44.4994	104.9945914	104.994476	0.396750	105.057320	
2010	43	800	43.333333333	02/12/2010 8:00	02/12/2010 7:00	39.798	0.56566	0.39	16.45	0.427	12.86	44.4953	104.9958185	104.995703	0.397980	105.058550	
2010	43	900	43.375000000	02/12/2010 9:00	02/12/2010 8:00	39.775	0.56533	0.39	16.44	0.426	13.15	44.4961	104.995589	104.995474	0.397750	105.058320	
2010	43	1000	43.416666667	02/12/2010 10:00	02/12/2010 9:00	39.666	0.56378	0.39	16.46	0.427	13.53	44.4997	104.9945016	104.994386	0.396660	105.057230	
2010	43	1100	43.458333333	02/12/2010 11:00	02/12/2010 10:00	39.607	0.56294	0.391	16.45	0.427	13.82	44.5016	104.993913	104.993798	0.396070	105.056640	
2010	43	1200	43.500000000	02/12/2010 12:00	02/12/2010 11:00	39.395	0.55993	0.39	16.47	0.427	13.84	44.5085	104.9917979	104.991683	0.393950	105.054520	
2010	43	1300	43.541666667	02/12/2010 13:00	02/12/2010 12:00	39.557	0.56223	0.39	16.46	0.426	13.8	44.5032	104.9934141	104.993299	0.395570	105.056140	
2010	43	1400	43.583333333	02/12/2010 14:00	02/12/2010 13:00	39.467	0.56095	0.391	16.46	0.427	13.8	44.5062	104.9925162	104.992401	0.394670	105.055240	
2010	43	1500	43.625000000	02/12/2010 15:00	02/12/2010 14:00	39.497	0.56138	0.391	16.46	0.427	13.8	44.5052	104.9928155	104.992700	0.394970	105.055540	
2010	43	1600	43.666666667	02/12/2010 16:00	02/12/2010 15:00	39.321	0.55888	0.391	16.47	0.428	13.74	44.5110	104.9910596	104.990944	0.393210	105.053780	
2010	43	1700	43.708333333	02/12/2010 17:00	02/12/2010 16:00	39.377	0.55967	0.391	16.45	0.427	13.7	44.5091	104.9916183	104.991503	0.393770	105.054340	
2010	43	1800	43.750000000	02/12/2010 18:00	02/12/2010 17:00	39.566	0.56236	0.391	16.46	0.428	13.51	44.5029	104.9935039	104.993389	0.395660	105.056230	
2010	43	1900	43.791666667	02/12/2010 19:00	02/12/2010 18:00	39.484	0.56120	0.391	16.46	0.427	13.42	44.5056	104.9926858	104.992570	0.394840	105.055410	
2010	43	2000	43.833333333	02/12/2010 20:00	02/12/2010 19:00	39.262	0.55804	0.391	16.45	0.428	13.35	44.5129	104.990471	104.990356	0.392620	105.053190	
2010	43	2100	43.875000000	02/12/2010 21:00	02/12/2010 20:00	39.164	0.55665	0.391	16.47	0.427	13.28	44.5161	104.9894933	104.989378	0.391640	105.052210	
2010	43	2200	43.916666667	02/12/2010 22:00	02/12/2010 21:00	39.076	0.55540	0.391	16.44	0.427	13.23	44.5190	104.9886154	104.988500	0.390760	105.051330	
2010	43	2300	43.958333333	02/12/2010 23:00	02/12/2010 22:00	38.875	0.55254	0.39	16.45	0.427	13.17	44.5256	104.9866101	104.986495	0.388750	105.049320	
2010	43	2400	44.000000000	02/13/2010 0:00	02/12/2010 23:00	38.753	0.55081	0.39	16.45	0.427	13.13	44.5296	104.9853929	104.985278	0.387530	105.048100	
2010	44	100	44.041666667	02/13/2010 1:00	02/13/2010 0:00	38.764	0.55096	0.39	16.45	0.427	13.08	44.5292	104.9855027	104.985387	0.387640	105.048210	
2010	44	200	44.083333333	02/13/2010 2:00	02/13/2010 1:00	38.894	0.55281	0.39	16.47	0.426	13.04	44.5249	104.9867996	104.986684	0.388940	105.049510	
2010	44	300	44.125000000	02/13/2010 3:00	02/13/2010 2:00	39.048	0.55500	0.39	16.46	0.426	13	44.5199	104.988336	104.988221	0.390480	105.051050	
2010	44	400	44.166666667	02/13/2010 4:00	02/13/2010 3:00	39.17	0.55673	0.389	16.45	0.426	12.98	44.5159	104.9895532	104.989438	0.391700	105.052270	
2010	44	500	44.208333333	02/13/2010 5:00	02/13/2010 4:00	39.336	0.55909	0.389	16.45	0.425	12.94	44.5105	104.9912093	104.991094	0.393360	105.053930	
2010	44	600	44.250000000	02/13/2010 6:00	02/13/2010 5:00	39.395	0.55993	0.389	16.45	0.426	12.92	44.5085	104.9917979	104.991683	0.393950	105.054520	
2010	44	700	44.291666667	02/13/2010 7:00	02/13/2010 6:00	39.289	0.55842	0.389	16.45	0.425	12.89	44.5120	104.9907404	104.990625	0.392890	105.053460	
2010	44	800	44.333333333	02/13/2010 8:00	02/13/2010 7:00	38.972	0.55392	0.389	16.45	0.425	13.9	44.5224	104.9875778	104.987462	0.389720	105.050290	
2010	44	900	44.375000000	02/13/2010 9:00	02/13/2010 8:00	38.537	0.54774	0.389	16.44	0.426	13.91	44.5366	104.983238	104.983123	0.385370	105.045940	
2010	44	1000	44.416666667	02/13/2010 10:00	02/13/2010 9:00	38.565	0.54813	0.389	16.44	0.426	13.88	44.5357	104.9835173	104.983402	0.385650	105.046220	
2010	44	1100	44.458333333	02/13/2010 11:00	02/13/2010 10:00	38.141	0.54211	0.389	16.47	0.426	13.84	44.5496	104.9792872	104.979172	0.381410	105.041980	
2010	44	1200	44.500000000	02/13/2010 12:00	02/13/2010 11:00	37.897	0.53864	0.389	16.47	0.425	13.78	44.5576	104.976853	104.976738	0.378970	105.039540	
2010	44	1300	44.541666667	02/13/2010 13:00	02/13/2010 12:00	37.725	0.53619	0.389	16.45	0.425	13.74	44.5632	104.975137	104.975022	0.377250	105.037820	
2010	44	1400	44.583333333	02/13/2010 14:00	02/13/2010 13:00	37.442	0.53217	0.389	16.47	0.426	13.72	44.5725	104.9723136	104.972198	0.374420	105.034990	
2010	44	1500	44.625000000	02/13/2010 15:00	02/13/2010 14:00	37.359	0.53099	0.389	16.46	0.426	13.68	44.5752	104.9714855	104.971370	0.373590	105.034160	
2010	44	1600	44.666666667	02/13/2010 16:00	02/13/2010 15:00	37.113	0.52750	0.389	16.45	0.426	13.72	44.5832	104.9690313	104.968916	0.371130	105.031700	
2010	44	1700	44.708333333	02/13/2010 17:00	02/13/2010 16:00	37.069	0.52687	0.389	16.45	0.426	13.55	44.5847	104.9685923	104.968477	0.370690	105.031260	
2010	44	1800	44.750000000	02/13/2010 18:00	02/13/2010 17:00	36.879	0.52417	0.39	16.47	0.426	13.44	44.5909	104.9666968	104.966581	0.368790	105.029360	
2010	44	1900	44.791666667	02/13/2010 19:00	02/13/2010 18:00	36.849	0.52374	0.391	16.45	0.427	13.35	44.5919	104.9663975	104.966282	0.368490	105.029060	
2010	44	2000	44.833333333	02/13/2010 20:00	02/13/2010 19:00	36.678	0.52131	0.391	16.45	0.428	13.28	44.5975	104.9646915	104.964576	0.366780	105.027350	
2010	44	2100	44.875000000	02/13/2010 21:00	02/13/2010 20:00	36.415	0.51757	0.391	16.47	0.428	13.22	44.6061	104.9620676	104.961952	0.364150	105.024720	
2010	44	2200	44.916666667	02/13/2010 22:00	02/13/2010 21:00	36.18	0.51423	0.391	16.44	0.428	13.16	44.6138	104.9597231	104.959608	0.361800	105.022370	
2010	44	2300	44.958333333	02/13/2010 23:00	02/13/2010 22:00	36.042	0.51227	0.39	16.46	0.426	13.12	44.6183	104.9583464	104.958231	0.360420	105.020990	
2010	44	2400	45.000000000	02/14/2010 0:00	02/13/2010 23:00	35.817	0.50908	0.39	16.48	0.427	13.07	44.6257	104.9561016	104.955986	0.358170	105.018740	
2010	45	100	45.041666667	02/14/2010 1:00	02/14/2010 0:00	35.589	0.50583	0.39	16.44	0.427	13.04	44.6331	104.953827	104.953712	0.355890	105.016460	
2010	45	200	45.083333333	02/14/2010 2:00	02/14/2010 1:00	35.308	0.50184	0.391	16.43	0.427	13	44.6423	104.9510235	104.950908	0.353080	105.013650	
2010	45	300	45.125000000	02/14/2010 3:00	02/14/2010 2:00	35.051	0.49819	0.391	16.47	0.427	12.96	44.6507	104.9484595	104.948344	0.350510	105.011080	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	45	400	45.166666667	02/14/2010 4:00	02/14/2010 3:00	34.828	0.49502	0.391	16.47	0.427	12.93	44.6580	104.9462348	104.946119	0.348280	105.008850	
2010	45	500	45.208333333	02/14/2010 5:00	02/14/2010 4:00	34.452	0.48967	0.391	16.47	0.427	12.9	44.6703	104.9424836	104.942368	0.344520	105.005090	
2010	45	600	45.250000000	02/14/2010 6:00	02/14/2010 5:00	34.357	0.48832	0.391	16.45	0.427	12.89	44.6734	104.9415358	104.941420	0.343570	105.004140	
2010	45	700	45.291666667	02/14/2010 7:00	02/14/2010 6:00	33.888	0.48166	0.391	16.44	0.427	12.87	44.6888	104.9368568	104.936741	0.338880	104.999450	
2010	45	800	45.333333333	02/14/2010 8:00	02/14/2010 7:00	33.701	0.47900	0.391	16.45	0.428	12.85	44.6949	104.9349911	104.934876	0.337010	104.997580	
2010	45	900	45.375000000	02/14/2010 9:00	02/14/2010 8:00	33.336	0.47381	0.392	16.44	0.428	13.02	44.7069	104.9313497	104.931234	0.333360	104.993930	
2010	45	1000	45.416666667	02/14/2010 10:00	02/14/2010 9:00	33.007	0.46914	0.392	16.45	0.428	13.8	44.7176	104.9280674	104.927952	0.330070	104.990640	
2010	45	1100	45.458333333	02/14/2010 11:00	02/14/2010 10:00	32.661	0.46422	0.392	16.46	0.428	13.91	44.7290	104.9246155	104.924500	0.326610	104.987180	
2010	45	1200	45.500000000	02/14/2010 12:00	02/14/2010 11:00	32.494	0.46184	0.392	16.46	0.428	13.89	44.7344	104.9229494	104.922834	0.324940	104.985510	
2010	45	1300	45.541666667	02/14/2010 13:00	02/14/2010 12:00	32.146	0.45690	0.391	16.44	0.428	13.87	44.7458	104.9194775	104.919362	0.321460	104.982030	
2010	45	1400	45.583333333	02/14/2010 14:00	02/14/2010 13:00	31.791	0.45185	0.391	16.45	0.428	13.86	44.7574	104.9159358	104.915820	0.317910	104.978480	
2010	45	1500	45.625000000	02/14/2010 15:00	02/14/2010 14:00	31.404	0.44635	0.391	16.45	0.427	13.84	44.7701	104.9120749	104.911960	0.314040	104.974610	
2010	45	1600	45.666666667	02/14/2010 16:00	02/14/2010 15:00	31.038	0.44115	0.391	16.48	0.427	13.84	44.7821	104.9084234	104.908308	0.310380	104.970950	
2010	45	1700	45.708333333	02/14/2010 17:00	02/14/2010 16:00	30.929	0.43960	0.39	16.47	0.427	13.66	44.7856	104.907336	104.907221	0.309290	104.969860	
2010	45	1800	45.750000000	02/14/2010 18:00	02/14/2010 17:00	30.684	0.43612	0.39	16.46	0.426	13.52	44.7937	104.9048917	104.904776	0.306840	104.967410	
2010	45	1900	45.791666667	02/14/2010 19:00	02/14/2010 18:00	30.477	0.43318	0.389	16.46	0.426	13.43	44.8004	104.9028266	104.902711	0.304770	104.965340	
2010	45	2000	45.833333333	02/14/2010 20:00	02/14/2010 19:00	30.095	0.42775	0.389	16.46	0.426	13.36	44.8129	104.8990155	104.898900	0.300950	104.961520	
2010	45	2100	45.875000000	02/14/2010 21:00	02/14/2010 20:00	29.853	0.42431	0.389	16.46	0.426	13.3	44.8209	104.8966012	104.896486	0.298530	104.959100	
2010	45	2200	45.916666667	02/14/2010 22:00	02/14/2010 21:00	29.455	0.41865	0.389	16.46	0.426	13.24	44.8339	104.8926305	104.892515	0.294550	104.955120	
2010	45	2300	45.958333333	02/14/2010 23:00	02/14/2010 22:00	29.261	0.41589	0.389	16.45	0.426	13.19	44.8402	104.890695	104.890580	0.292610	104.953180	
2010	45	2400	46.000000000	02/15/2010 0:00	02/14/2010 23:00	28.921	0.41106	0.389	16.47	0.425	13.13	44.8514	104.887303	104.887188	0.289210	104.949780	
2010	46	100	46.041666667	02/15/2010 1:00	02/15/2010 0:00	28.777	0.40901	0.389	16.46	0.426	13.09	44.8561	104.8858663	104.885751	0.287770	104.948340	
2010	46	200	46.083333333	02/15/2010 2:00	02/15/2010 1:00	28.427	0.40404	0.389	16.47	0.425	13.05	44.8675	104.8823745	104.882259	0.284270	104.944840	
2010	46	300	46.125000000	02/15/2010 3:00	02/15/2010 2:00	28.164	0.40030	0.389	16.44	0.425	13	44.8761	104.8797507	104.879635	0.281640	104.942210	
2010	46	400	46.166666667	02/15/2010 4:00	02/15/2010 3:00	27.802	0.39516	0.389	16.44	0.426	12.97	44.8880	104.8761391	104.876024	0.278020	104.938590	
2010	46	500	46.208333333	02/15/2010 5:00	02/15/2010 4:00	27.551	0.39159	0.389	16.46	0.425	12.94	44.8962	104.873635	104.873520	0.275510	104.936080	
2010	46	600	46.250000000	02/15/2010 6:00	02/15/2010 5:00	27.37	0.38902	0.389	16.44	0.425	12.91	44.9021	104.8718292	104.871714	0.273700	104.934270	
2010	46	700	46.291666667	02/15/2010 7:00	02/15/2010 6:00	27.241	0.38718	0.389	16.46	0.425	12.89	44.9064	104.8705423	104.870427	0.272410	104.932980	
2010	46	800	46.333333333	02/15/2010 8:00	02/15/2010 7:00	26.735	0.37999	0.389	16.45	0.425	12.91	44.9229	104.8654941	104.865379	0.267350	104.927920	
2010	46	900	46.375000000	02/15/2010 9:00	02/15/2010 8:00	26.477	0.37632	0.389	16.46	0.425	13.68	44.9314	104.8629201	104.862805	0.264770	104.925340	
2010	46	1000	46.416666667	02/15/2010 10:00	02/15/2010 9:00	26.087	0.37078	0.389	16.45	0.425	13.98	44.9441	104.8590293	104.858914	0.260870	104.921440	
2010	46	1100	46.458333333	02/15/2010 11:00	02/15/2010 10:00	25.928	0.36852	0.389	16.46	0.425	13.94	44.9493	104.857443	104.857328	0.259280	104.919850	
2010	46	1200	46.500000000	02/15/2010 12:00	02/15/2010 11:00	25.619	0.36413	0.389	16.46	0.425	13.92	44.9594	104.8543602	104.854245	0.256190	104.916760	
2010	46	1300	46.541666667	02/15/2010 13:00	02/15/2010 12:00	25.321	0.35989	0.389	16.45	0.425	13.88	44.9692	104.8513872	104.851272	0.253210	104.913780	
2010	46	1400	46.583333333	02/15/2010 14:00	02/15/2010 13:00	24.774	0.35212	0.389	16.46	0.425	13.84	44.9871	104.84593	104.845815	0.247740	104.908310	
2010	46	1500	46.625000000	02/15/2010 15:00	02/15/2010 14:00	24.571	0.34923	0.389	16.46	0.425	13.81	44.9938	104.8439047	104.843789	0.245710	104.906280	
2010	46	1600	46.666666667	02/15/2010 16:00	02/15/2010 15:00	24.635	0.35014	0.389	16.45	0.425	13.8	44.9917	104.8445432	104.844428	0.246350	104.906920	
2010	46	1700	46.708333333	02/15/2010 17:00	02/15/2010 16:00	24.427	0.34719	0.389	16.47	0.425	13.68	44.9985	104.8424681	104.842353	0.244270	104.904840	
2010	46	1800	46.750000000	02/15/2010 18:00	02/15/2010 17:00	24.268	0.34493	0.389	16.46	0.425	13.55	45.0037	104.8408818	104.840766	0.242680	104.903250	
2010	46	1900	46.791666667	02/15/2010 19:00	02/15/2010 18:00	24.099	0.34252	0.389	16.47	0.425	13.46	45.0092	104.8391958	104.839080	0.240990	104.901560	
2010	46	2000	46.833333333	02/15/2010 20:00	02/15/2010 19:00	24.008	0.34123	0.389	16.47	0.425	13.38	45.0122	104.8382879	104.838173	0.240080	104.900650	
2010	46	2100	46.875000000	02/15/2010 21:00	02/15/2010 20:00	23.68	0.33657	0.389	16.47	0.425	13.32	45.0229	104.8350156	104.834900	0.236800	104.897370	
2010	46	2200	46.916666667	02/15/2010 22:00	02/15/2010 21:00	23.469	0.33357	0.389	16.46	0.425	13.26	45.0298	104.8329105	104.832795	0.234690	104.895260	
2010	46	2300	46.958333333	02/15/2010 23:00	02/15/2010 22:00	23.236	0.33026	0.389	16.46	0.425	13.2	45.0374	104.830586	104.830471	0.232360	104.892930	
2010	46	2400	47.000000000	02/16/2010 0:00	02/15/2010 23:00	23.057	0.32771	0.389	16.47	0.425	13.15	45.0433	104.8288002	104.828685	0.230570	104.891140	
2010	47	100	47.041666667	02/16/2010 1:00	02/16/2010 0:00	22.928	0.32588	0.389	16.48	0.425	13.11	45.0475	104.8275132	104.827398	0.229280	104.889850	
2010	47	200	47.083333333	02/16/2010 2:00	02/16/2010 1:00	23.011	0.32706	0.388	16.47	0.425	13.06	45.0448	104.8283412	104.828226	0.230110	104.890680	
2010	47	300	47.125000000	02/16/2010 3:00	02/16/2010 2:00	23.214	0.32995	0.389	16.46	0.425	13.02	45.0382	104.8303665	104.830251	0.232140	104.892710	
2010	47	400	47.166666667	02/16/2010 4:00	02/16/2010 3:00	23.414	0.33279	0.389	16.46	0.425	12.99	45.0316	104.8323618	104.832246	0.234140	104.894710	
2010	47	500	47.208333333	02/16/2010 5:00	02/16/2010 4:00	23.918	0.33995	0.388	16.48	0.424	12.96	45.0151	104.83739	104.837275	0.239180	104.899750	
2010	47	600	47.250000000	02/16/2010 6:00	02/16/2010 5:00	23.859	0.33911	0.389	16.47	0.425	12.92	45.0171	104.8368014	104.836686	0.238590	104.899160	
2010	47	700	47.291666667	02/16/2010 7:00	02/16/2010 6:00	23.977	0.34079	0.389	16.48	0.425	12.9	45.0132	104.8379786	104.837863	0.239770	104.900340	
2010	47	800	47.333333333	02/16/2010 8:00	02/16/2010 7:00	23.578	0.33512	0.389	16.48	0.425	12.98	45.0263	104.833998	104.833883	0.235780	104.896350	
2010	47	900	47.375000000	02/16/2010 9:00	02/16/2010 8:00	23.073	0.32794	0.389	16.49	0.425	13.92	45.0428	104.8289598	104.828844	0.230730	104.891300	
2010	47	1000	47.416666667	02/16/2010 10:00	02/16/2010 9:00	22.883	0.32524	0.389	16.48	0.425	13.9	45.0490	104.8270642	104.826949	0.228830	104.889400	
2010	47	1100	47.458333333	02/16/2010 11:00	02/16/2010 10:00	22.616	0.32145	0.389	16.48	0.425	13.82	45.0577	104.8244005	104.824285	0.226160	104.886730	
2010	47	1200	47.500000000	02/16/2010 12:00	02/16/2010 11:00	22.899	0.32547	0.389	16.47	0.425	13.78	45.0485	104.8272239	104.827109	0.228990	104.889560	
2010	47	1300	47.541666667	02/16/2010 13:00	02/16/2010 12:00	22.171	0.31512	0.389	16.46	0.425	13.78	45.0723	104.8199609	104.819846	0.221710	104.882280	
2010	47	1400	47.583333333	02/16/2010 14:00	02/16/2010 13:00	21.737	0.30895	0.389	16.47	0.425	13.75	45.0865	104.815631	104.815516	0.217370	104.877940	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	47	1500	47.625000000	02/16/2010 15:00	02/16/2010 14:00	21.636	0.30752	0.389	16.49	0.425	13.72	45.0898	104.8146234	104.814508	0.216360	104.876930	
2010	47	1600	47.666666667	02/16/2010 16:00	02/16/2010 15:00	21.553	0.30634	0.389	16.47	0.425	13.73	45.0925	104.8137953	104.813680	0.215530	104.876100	
2010	47	1700	47.708333333	02/16/2010 17:00	02/16/2010 16:00	21.728	0.30882	0.389	16.48	0.425	13.66	45.0868	104.8155412	104.815426	0.217280	104.877850	
2010	47	1800	47.750000000	02/16/2010 18:00	02/16/2010 17:00	21.937	0.31180	0.389	16.48	0.425	13.52	45.0800	104.8176264	104.817511	0.219370	104.879940	
2010	47	1900	47.791666667	02/16/2010 19:00	02/16/2010 18:00	22.072	0.31371	0.389	16.46	0.425	13.42	45.0755	104.8189732	104.818858	0.220720	104.881290	
2010	47	2000	47.833333333	02/16/2010 20:00	02/16/2010 19:00	22.159	0.31495	0.388	16.45	0.425	13.35	45.0727	104.8198412	104.819726	0.221590	104.882160	
2010	47	2100	47.875000000	02/16/2010 21:00	02/16/2010 20:00	22.235	0.31603	0.388	16.47	0.425	13.29	45.0702	104.8205994	104.820484	0.222350	104.882920	
2010	47	2200	47.916666667	02/16/2010 22:00	02/16/2010 21:00	22.26	0.31639	0.388	16.47	0.425	13.23	45.0694	104.8208488	104.820733	0.222600	104.883170	
2010	47	2300	47.958333333	02/16/2010 23:00	02/16/2010 22:00	22.356	0.31775	0.388	16.45	0.425	13.18	45.0663	104.8218066	104.821691	0.223560	104.884130	
2010	47	2400	48.000000000	02/17/2010 0:00	02/16/2010 23:00	22.486	0.31960	0.389	16.45	0.425	13.13	45.0620	104.8231035	104.822988	0.224860	104.885430	
2010	48	100	48.041666667	02/17/2010 1:00	02/17/2010 0:00	22.815	0.32427	0.389	16.49	0.425	13.09	45.0512	104.8263858	104.826270	0.228150	104.888720	
2010	48	200	48.083333333	02/17/2010 2:00	02/17/2010 1:00	23.343	0.33178	0.388	16.5	0.425	13.05	45.0339	104.8316535	104.831538	0.233430	104.894000	
2010	48	300	48.125000000	02/17/2010 3:00	02/17/2010 2:00	23.591	0.33530	0.389	16.48	0.425	13	45.0258	104.8341277	104.834012	0.235910	104.896480	
2010	48	400	48.166666667	02/17/2010 4:00	02/17/2010 3:00	23.967	0.34065	0.389	16.49	0.425	12.97	45.0135	104.8378789	104.837764	0.239670	104.900240	
2010	48	500	48.208333333	02/17/2010 5:00	02/17/2010 4:00	24.295	0.34531	0.389	16.46	0.425	12.95	45.0028	104.8411512	104.841036	0.242950	104.903520	
2010	48	600	48.250000000	02/17/2010 6:00	02/17/2010 5:00	24.414	0.34700	0.388	16.48	0.425	12.91	44.9989	104.8423384	104.842223	0.244140	104.904710	
2010	48	700	48.291666667	02/17/2010 7:00	02/17/2010 6:00	24.444	0.34743	0.388	16.46	0.425	12.89	44.9979	104.8426377	104.842522	0.244440	104.905010	
2010	48	800	48.333333333	02/17/2010 8:00	02/17/2010 7:00	24.198	0.34393	0.389	16.46	0.425	13.02	45.0060	104.8401835	104.840068	0.241980	104.902550	
2010	48	900	48.375000000	02/17/2010 9:00	02/17/2010 8:00	23.54	0.33458	0.389	16.46	0.425	13.98	45.0275	104.8336189	104.833504	0.235400	104.895970	
2010	48	1000	48.416666667	02/17/2010 10:00	02/17/2010 9:00	23.861	0.33914	0.389	16.48	0.425	13.93	45.0170	104.8368213	104.836706	0.238610	104.899180	
2010	48	1100	48.458333333	02/17/2010 11:00	02/17/2010 10:00	23.245	0.33039	0.389	16.48	0.425	13.89	45.0372	104.8306758	104.830560	0.232450	104.893020	
2010	48	1200	48.500000000	02/17/2010 12:00	02/17/2010 11:00	22.955	0.32626	0.389	16.46	0.425	13.85	45.0466	104.8277825	104.827667	0.229550	104.890120	
2010	48	1300	48.541666667	02/17/2010 13:00	02/17/2010 12:00	22.799	0.32405	0.389	16.48	0.425	13.81	45.0518	104.8262262	104.826111	0.227990	104.888560	
2010	48	1400	48.583333333	02/17/2010 14:00	02/17/2010 13:00	22.29	0.31681	0.389	16.49	0.425	13.78	45.0684	104.8211481	104.821033	0.222900	104.883470	
2010	48	1500	48.625000000	02/17/2010 15:00	02/17/2010 14:00	22.148	0.31479	0.389	16.48	0.425	13.77	45.0731	104.8197314	104.819616	0.221480	104.882050	
2010	48	1600	48.666666667	02/17/2010 16:00	02/17/2010 15:00	22.029	0.31310	0.389	16.48	0.425	13.76	45.0770	104.8185442	104.818429	0.220290	104.880860	
2010	48	1700	48.708333333	02/17/2010 17:00	02/17/2010 16:00	22.228	0.31593	0.389	16.48	0.425	13.78	45.0704	104.8205296	104.820414	0.222280	104.882850	
2010	48	1800	48.750000000	02/17/2010 18:00	02/17/2010 17:00	22.467	0.31933	0.388	16.45	0.425	13.59	45.0626	104.822914	104.822799	0.224670	104.885240	
2010	48	1900	48.791666667	02/17/2010 19:00	02/17/2010 18:00	22.606	0.32130	0.389	16.46	0.425	13.48	45.0581	104.8243007	104.824185	0.226060	104.886630	
2010	48	2000	48.833333333	02/17/2010 20:00	02/17/2010 19:00	22.556	0.32059	0.388	16.46	0.425	13.42	45.0597	104.8238019	104.823687	0.225560	104.886130	
2010	48	2100	48.875000000	02/17/2010 21:00	02/17/2010 20:00	22.909	0.32561	0.389	16.49	0.425	13.34	45.0482	104.8273236	104.827208	0.229090	104.889660	
2010	48	2200	48.916666667	02/17/2010 22:00	02/17/2010 21:00	23.414	0.33279	0.389	16.47	0.425	13.28	45.0316	104.8323618	104.832246	0.234140	104.894710	
2010	48	2300	48.958333333	02/17/2010 23:00	02/17/2010 22:00	23.655	0.33621	0.388	16.48	0.424	13.23	45.0237	104.8347662	104.834651	0.236550	104.897120	
2010	48	2400	49.000000000	02/18/2010 0:00	02/17/2010 23:00	23.976	0.34078	0.388	16.46	0.425	13.18	45.0132	104.8379687	104.837853	0.239760	104.900330	
2010	49	100	49.041666667	02/18/2010 1:00	02/18/2010 0:00	24.333	0.34585	0.388	16.47	0.425	13.13	45.0015	104.8415303	104.841415	0.243330	104.903900	
2010	49	200	49.083333333	02/18/2010 2:00	02/18/2010 1:00	24.607	0.34974	0.388	16.47	0.425	13.08	44.9926	104.8442639	104.844149	0.246070	104.906640	
2010	49	300	49.125000000	02/18/2010 3:00	02/18/2010 2:00	25.3	0.35959	0.389	16.47	0.425	13.04	44.9699	104.8511777	104.851062	0.253000	104.913570	
2010	49	400	49.166666667	02/18/2010 4:00	02/18/2010 3:00	25.606	0.36394	0.389	16.46	0.425	13	44.9599	104.8542305	104.854115	0.256060	104.916630	
2010	49	500	49.208333333	02/18/2010 5:00	02/18/2010 4:00	25.936	0.36863	0.389	16.47	0.425	12.97	44.9491	104.8575228	104.857407	0.259360	104.919930	
2010	49	600	49.250000000	02/18/2010 6:00	02/18/2010 5:00	26.175	0.37203	0.389	16.47	0.425	12.93	44.9412	104.8599072	104.859792	0.261750	104.922320	
2010	49	700	49.291666667	02/18/2010 7:00	02/18/2010 6:00	26.234	0.37287	0.389	16.48	0.426	12.9	44.9393	104.8604958	104.860380	0.262340	104.922910	
2010	49	800	49.333333333	02/18/2010 8:00	02/18/2010 7:00	25.869	0.36768	0.389	16.48	0.426	14.1	44.9513	104.8568544	104.856739	0.258690	104.919260	
2010	49	900	49.375000000	02/18/2010 9:00	02/18/2010 8:00	25.501	0.36245	0.39	16.48	0.426	14.06	44.9633	104.853183	104.853068	0.255010	104.915580	
2010	49	1000	49.416666667	02/18/2010 10:00	02/18/2010 9:00	25.692	0.36517	0.389	16.48	0.426	13.99	44.9571	104.8550885	104.854973	0.256920	104.917490	
2010	49	1100	49.458333333	02/18/2010 11:00	02/18/2010 10:00	25.246	0.35883	0.389	16.48	0.426	13.92	44.9717	104.8506389	104.850524	0.252460	104.913030	
2010	49	1200	49.500000000	02/18/2010 12:00	02/18/2010 11:00	24.975	0.35498	0.389	16.46	0.425	13.85	44.9805	104.8479353	104.847820	0.249750	104.910320	
2010	49	1300	49.541666667	02/18/2010 13:00	02/18/2010 12:00	25.027	0.35571	0.389	16.47	0.425	13.82	44.9788	104.8484541	104.848339	0.250270	104.910840	
2010	49	1400	49.583333333	02/18/2010 14:00	02/18/2010 13:00	25.061	0.35620	0.389	16.48	0.425	13.82	44.9777	104.8487933	104.848678	0.250610	104.911180	
2010	49	1500	49.625000000	02/18/2010 15:00	02/18/2010 14:00	25.226	0.35854	0.389	16.47	0.425	13.82	44.9723	104.8504394	104.850324	0.252260	104.912830	
2010	49	1600	49.666666667	02/18/2010 16:00	02/18/2010 15:00	25.65	0.36457	0.389	16.47	0.425	13.84	44.9584	104.8546695	104.854554	0.256500	104.917070	
2010	49	1700	49.708333333	02/18/2010 17:00	02/18/2010 16:00	25.9	0.36812	0.389	16.48	0.425	13.88	44.9503	104.8571636	104.857048	0.259000	104.919570	
2010	49	1800	49.750000000	02/18/2010 18:00	02/18/2010 17:00	26.19	0.37224	0.389	16.47	0.425	13.67	44.9408	104.8600569	104.859942	0.261900	104.922470	
2010	49	1900	49.791666667	02/18/2010 19:00	02/18/2010 18:00	26.385	0.37502	0.389	16.49	0.425	13.56	44.9344	104.8620023	104.861887	0.263850	104.924420	
2010	49	2000	49.833333333	02/18/2010 20:00	02/18/2010 19:00	26.723	0.37982	0.389	16.47	0.425	13.48	44.9233	104.8653744	104.865259	0.267230	104.927800	
2010	49	2100	49.875000000	02/18/2010 21:00	02/18/2010 20:00	27.101	0.38519	0.389	16.46	0.425	13.42	44.9109	104.8691455	104.869030	0.271010	104.931580	
2010	49	2200	49.916666667	02/18/2010 22:00	02/18/2010 21:00	27.683	0.39346	0.389	16.49	0.425	13.35	44.8919	104.8749519	104.874837	0.276830	104.937400	
2010	49	2300	49.958333333	02/18/2010 23:00	02/18/2010 22:00	28.18	0.40053	0.389	16.47	0.425	13.3	44.8756	104.8799103	104.879795	0.281800	104.942370	
2010	49	2400	50.000000000	02/19/2010 0:00	02/18/2010 23:00	28.849	0.41004	0.389	16.48	0.425	13.24	44.8537	104.8865846	104.886469	0.288490	104.949060	
2010	50	100	50.041666667	02/19/2010 1:00	02/19/2010 0:00	29.613	0.42090	0.389	16.47	0.425	13.19	44.8287	104.8942068	104.894091	0.296130	104.956700	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	50	200	50.083333333	02/19/2010 2:00	02/19/2010 1:00	30.236	0.42975	0.389	16.48	0.425	13.15	44.8083	104.9004222	104.900307	0.302360	104.962930	
2010	50	300	50.125000000	02/19/2010 3:00	02/19/2010 2:00	30.8	0.43777	0.389	16.48	0.425	13.1	44.7899	104.906049	104.905934	0.308000	104.968570	
2010	50	400	50.166666667	02/19/2010 4:00	02/19/2010 3:00	31.294	0.44479	0.388	16.47	0.424	13.06	44.7737	104.9109774	104.910862	0.312940	104.973510	
2010	50	500	50.208333333	02/19/2010 5:00	02/19/2010 4:00	31.368	0.44584	0.388	16.47	0.424	13.02	44.7713	104.9117157	104.911600	0.313680	104.974250	
2010	50	600	50.250000000	02/19/2010 6:00	02/19/2010 5:00	31.517	0.44796	0.388	16.47	0.425	12.98	44.7664	104.9132022	104.913087	0.315170	104.975740	
2010	50	700	50.291666667	02/19/2010 7:00	02/19/2010 6:00	31.599	0.44912	0.389	16.47	0.425	12.95	44.7637	104.9140203	104.913905	0.315990	104.976560	
2010	50	800	50.333333333	02/19/2010 8:00	02/19/2010 7:00	31.222	0.44377	0.388	16.48	0.424	14.01	44.7761	104.9102591	104.910144	0.312220	104.972790	
2010	50	900	50.375000000	02/19/2010 9:00	02/19/2010 8:00	31.094	0.44195	0.389	16.48	0.426	14	44.7802	104.9089821	104.908867	0.310940	104.971510	
2010	50	1000	50.416666667	02/19/2010 10:00	02/19/2010 9:00	30.991	0.44048	0.39	16.5	0.426	13.94	44.7836	104.9079545	104.907839	0.309910	104.970480	
2010	50	1100	50.458333333	02/19/2010 11:00	02/19/2010 10:00	30.454	0.43285	0.39	16.49	0.426	13.88	44.8012	104.9025971	104.902482	0.304540	104.965110	
2010	50	1200	50.500000000	02/19/2010 12:00	02/19/2010 11:00	30.16	0.42867	0.39	16.48	0.426	13.84	44.8108	104.899664	104.899549	0.301600	104.962170	
2010	50	1300	50.541666667	02/19/2010 13:00	02/19/2010 12:00	29.767	0.42309	0.39	16.48	0.427	13.8	44.8237	104.8957432	104.895628	0.297670	104.958240	
2010	50	1400	50.583333333	02/19/2010 14:00	02/19/2010 13:00	29.35	0.41716	0.39	16.49	0.426	13.76	44.8373	104.8915829	104.891468	0.293500	104.954070	
2010	50	1500	50.625000000	02/19/2010 15:00	02/19/2010 14:00	28.994	0.41210	0.39	16.47	0.427	13.76	44.8490	104.8880313	104.887916	0.289940	104.950510	
2010	50	1600	50.666666667	02/19/2010 16:00	02/19/2010 15:00	29.089	0.41345	0.39	16.49	0.426	13.77	44.8459	104.888979	104.888864	0.290890	104.951460	
2010	50	1700	50.708333333	02/19/2010 17:00	02/19/2010 16:00	29.244	0.41565	0.39	16.48	0.426	13.81	44.8408	104.8905254	104.890410	0.292440	104.953010	
2010	50	1800	50.750000000	02/19/2010 18:00	02/19/2010 17:00	29.37	0.41744	0.39	16.46	0.426	13.62	44.8367	104.8917825	104.891667	0.293700	104.954270	
2010	50	1900	50.791666667	02/19/2010 19:00	02/19/2010 18:00	29.209	0.41515	0.39	16.48	0.426	13.52	44.8419	104.8901762	104.890061	0.292090	104.952660	
2010	50	2000	50.833333333	02/19/2010 20:00	02/19/2010 19:00	29.297	0.41640	0.389	16.48	0.426	13.44	44.8391	104.8910542	104.890939	0.292970	104.953540	
2010	50	2100	50.875000000	02/19/2010 21:00	02/19/2010 20:00	29.483	0.41905	0.389	16.47	0.425	13.37	44.8330	104.8929098	104.892794	0.294830	104.955400	
2010	50	2200	50.916666667	02/19/2010 22:00	02/19/2010 21:00	29.7	0.42213	0.389	16.47	0.425	13.32	44.8259	104.8950747	104.894959	0.297000	104.957570	
2010	50	2300	50.958333333	02/19/2010 23:00	02/19/2010 22:00	29.918	0.42523	0.389	16.47	0.425	13.26	44.8187	104.8972496	104.897134	0.299180	104.959750	
2010	50	2400	51.000000000	02/20/2010 0:00	02/19/2010 23:00	30.377	0.43176	0.389	16.45	0.425	13.21	44.8037	104.9018289	104.901714	0.303770	104.964340	
2010	51	100	51.041666667	02/20/2010 1:00	02/20/2010 0:00	30.768	0.43731	0.389	16.46	0.426	13.16	44.7909	104.9057297	104.905614	0.307680	104.968250	
2010	51	200	51.083333333	02/20/2010 2:00	02/20/2010 1:00	31.1	0.44203	0.389	16.46	0.426	13.11	44.7800	104.909042	104.908927	0.311000	104.971570	
2010	51	300	51.125000000	02/20/2010 3:00	02/20/2010 2:00	31.829	0.45239	0.389	16.47	0.425	13.07	44.7562	104.9163149	104.916200	0.318290	104.978860	
2010	51	400	51.166666667	02/20/2010 4:00	02/20/2010 3:00	31.958	0.45423	0.389	16.48	0.425	13.03	44.7520	104.9176019	104.917487	0.319580	104.980150	
2010	51	500	51.208333333	02/20/2010 5:00	02/20/2010 4:00	32.417	0.46075	0.389	16.46	0.426	12.99	44.7369	104.9221812	104.922066	0.324170	104.984740	
2010	51	600	51.250000000	02/20/2010 6:00	02/20/2010 5:00	32.558	0.46275	0.389	16.46	0.425	12.95	44.7323	104.9235879	104.923473	0.325580	104.986150	
2010	51	700	51.291666667	02/20/2010 7:00	02/20/2010 6:00	32.713	0.46496	0.389	16.47	0.425	12.92	44.7272	104.9251342	104.925019	0.327130	104.987700	
2010	51	800	51.333333333	02/20/2010 8:00	02/20/2010 7:00	32.746	0.46543	0.389	16.48	0.425	14.12	44.7262	104.9254635	104.925348	0.327460	104.988030	
2010	51	900	51.375000000	02/20/2010 9:00	02/20/2010 8:00	32.593	0.46325	0.389	16.48	0.426	14.13	44.7312	104.9239371	104.923822	0.325930	104.986500	
2010	51	1000	51.416666667	02/20/2010 10:00	02/20/2010 9:00	32.564	0.46284	0.39	16.47	0.426	14.05	44.7321	104.9236477	104.923532	0.325640	104.986210	
2010	51	1100	51.458333333	02/20/2010 11:00	02/20/2010 10:00	32.829	0.46661	0.39	16.47	0.426	13.94	44.7235	104.9262915	104.926176	0.328290	104.988860	
2010	51	1200	51.500000000	02/20/2010 12:00	02/20/2010 11:00	32.296	0.45903	0.39	16.49	0.426	13.87	44.7409	104.920974	104.920859	0.322960	104.983530	
2010	51	1300	51.541666667	02/20/2010 13:00	02/20/2010 12:00	31.975	0.45447	0.389	16.48	0.426	13.82	44.7514	104.9177715	104.917656	0.319750	104.980320	
2010	51	1400	51.583333333	02/20/2010 14:00	02/20/2010 13:00	31.85	0.45269	0.389	16.47	0.426	13.8	44.7555	104.9165244	104.916409	0.318500	104.979070	
2010	51	1500	51.625000000	02/20/2010 15:00	02/20/2010 14:00	31.626	0.44951	0.389	16.48	0.426	13.76	44.7628	104.9142897	104.914174	0.316260	104.976830	
2010	51	1600	51.666666667	02/20/2010 16:00	02/20/2010 15:00	31.742	0.45116	0.389	16.49	0.426	13.77	44.7590	104.915447	104.915332	0.317420	104.977990	
2010	51	1700	51.708333333	02/20/2010 17:00	02/20/2010 16:00	32.013	0.45501	0.389	16.46	0.426	13.79	44.7502	104.9181506	104.918035	0.320130	104.980700	
2010	51	1800	51.750000000	02/20/2010 18:00	02/20/2010 17:00	31.995	0.45475	0.389	16.47	0.426	13.6	44.7508	104.917971	104.917856	0.319950	104.980520	
2010	51	1900	51.791666667	02/20/2010 19:00	02/20/2010 18:00	32.079	0.45595	0.39	16.46	0.426	13.5	44.7480	104.9188091	104.918694	0.320790	104.981360	
2010	51	2000	51.833333333	02/20/2010 20:00	02/20/2010 19:00	32.15	0.45696	0.389	16.48	0.426	13.42	44.7457	104.9195174	104.919402	0.321500	104.982070	
2010	51	2100	51.875000000	02/20/2010 21:00	02/20/2010 20:00	32.115	0.45646	0.389	16.46	0.426	13.36	44.7468	104.9191682	104.919053	0.321150	104.981720	
2010	51	2200	51.916666667	02/20/2010 22:00	02/20/2010 21:00	32.007	0.45492	0.39	16.47	0.426	13.3	44.7504	104.9180908	104.917975	0.320070	104.980640	
2010	51	2300	51.958333333	02/20/2010 23:00	02/20/2010 22:00	31.869	0.45296	0.39	16.47	0.426	13.25	44.7549	104.916714	104.916599	0.318690	104.979260	
2010	51	2400	52.000000000	02/21/2010 0:00	02/20/2010 23:00	31.811	0.45214	0.389	16.46	0.426	13.19	44.7568	104.9161353	104.916020	0.318110	104.978680	
2010	52	100	52.041666667	02/21/2010 1:00	02/21/2010 0:00	31.993	0.45472	0.39	16.48	0.426	13.14	44.7508	104.9179511	104.917836	0.319930	104.980500	
2010	52	200	52.083333333	02/21/2010 2:00	02/21/2010 1:00	31.935	0.45390	0.39	16.47	0.426	13.1	44.7527	104.9173724	104.917257	0.319350	104.979920	
2010	52	300	52.125000000	02/21/2010 3:00	02/21/2010 2:00	32.416	0.46074	0.39	16.48	0.426	13.06	44.7370	104.9221712	104.922056	0.324160	104.984730	
2010	52	400	52.166666667	02/21/2010 4:00	02/21/2010 3:00	32.711	0.46493	0.389	16.48	0.426	13.01	44.7273	104.9251143	104.924999	0.327110	104.987680	
2010	52	500	52.208333333	02/21/2010 5:00	02/21/2010 4:00	33.106	0.47054	0.39	16.48	0.426	12.97	44.7144	104.929055	104.928940	0.331060	104.991630	
2010	52	600	52.250000000	02/21/2010 6:00	02/21/2010 5:00	33.275	0.47295	0.389	16.46	0.426	12.93	44.7089	104.9307411	104.930626	0.332750	104.993320	
2010	52	700	52.291666667	02/21/2010 7:00	02/21/2010 6:00	33.254	0.47265	0.39	16.47	0.426	12.89	44.7095	104.9305316	104.930416	0.332540	104.993110	
2010	52	800	52.333333333	02/21/2010 8:00	02/21/2010 7:00	32.946	0.46827	0.39	16.49	0.426	14.14	44.7196	104.9274588	104.927343	0.329460	104.990030	
2010	52	900	52.375000000	02/21/2010 9:00	02/21/2010 8:00	32.734	0.46526	0.39	16.47	0.426	14.1	44.7266	104.9253438	104.925228	0.327340	104.987910	
2010	52	1000	52.416666667	02/21/2010 10:00	02/21/2010 9:00	32.76	0.46563	0.39	16.49	0.426	14.02	44.7257	104.9256031	104.925488	0.327600	104.988170	
2010	52	1100	52.458333333	02/21/2010 11:00	02/21/2010 10:00	32.378	0.46020	0.39	16.5	0.426	13.93	44.7382	104.9217921	104.921677	0.323780	104.984350	
2010	52	1200	52.500000000	02/21/2010 12:00	02/21/2010 11:00	32.165	0.45717	0.39	16.48	0.426	13.87	44.7452	104.9196671	104.919552	0.321650	104.982220	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	52	1300	52.541666667	02/21/2010 13:00	02/21/2010 12:00	31.858	0.45280	0.39	16.48	0.426	13.82	44.7552	104.9166042	104.916489	0.318580	104.979150	
2010	52	1400	52.583333333	02/21/2010 14:00	02/21/2010 13:00	31.676	0.45022	0.39	16.49	0.426	13.8	44.7612	104.9147885	104.914673	0.316760	104.977330	
2010	52	1500	52.625000000	02/21/2010 15:00	02/21/2010 14:00	31.485	0.44750	0.39	16.48	0.426	13.78	44.7674	104.912883	104.912768	0.314850	104.975420	
2010	52	1600	52.666666667	02/21/2010 16:00	02/21/2010 15:00	31.332	0.44533	0.39	16.47	0.426	13.78	44.7725	104.9113566	104.911241	0.313320	104.973890	
2010	52	1700	52.708333333	02/21/2010 17:00	02/21/2010 16:00	31.192	0.44334	0.39	16.48	0.426	13.8	44.7770	104.9099598	104.909844	0.311920	104.972490	
2010	52	1800	52.750000000	02/21/2010 18:00	02/21/2010 17:00	31.507	0.44782	0.39	16.47	0.426	13.64	44.7667	104.9131025	104.912987	0.315070	104.975640	
2010	52	1900	52.791666667	02/21/2010 19:00	02/21/2010 18:00	31.431	0.44674	0.39	16.48	0.426	13.53	44.7692	104.9123442	104.912229	0.314310	104.974880	
2010	52	2000	52.833333333	02/21/2010 20:00	02/21/2010 19:00	31.22	0.44374	0.39	16.48	0.426	13.45	44.7761	104.9102392	104.910124	0.312200	104.972770	
2010	52	2100	52.875000000	02/21/2010 21:00	02/21/2010 20:00	31.157	0.44284	0.39	16.48	0.426	13.39	44.7782	104.9096106	104.909495	0.311570	104.972140	
2010	52	2200	52.916666667	02/21/2010 22:00	02/21/2010 21:00	30.894	0.43910	0.39	16.49	0.426	13.33	44.7868	104.9069868	104.906871	0.308940	104.969510	
2010	52	2300	52.958333333	02/21/2010 23:00	02/21/2010 22:00	30.73	0.43677	0.39	16.47	0.426	13.27	44.7922	104.9053506	104.905235	0.307300	104.967870	
2010	52	2400	53.000000000	02/22/2010 0:00	02/21/2010 23:00	30.624	0.43527	0.39	16.48	0.426	13.22	44.7956	104.9042931	104.904178	0.306240	104.966810	
2010	53	100	53.041666667	02/22/2010 1:00	02/22/2010 0:00	30.612	0.43510	0.39	16.49	0.426	13.17	44.7960	104.9041734	104.904058	0.306120	104.966690	
2010	53	200	53.083333333	02/22/2010 2:00	02/22/2010 1:00	30.612	0.43510	0.39	16.48	0.426	13.12	44.7960	104.9041734	104.904058	0.306120	104.966690	
2010	53	300	53.125000000	02/22/2010 3:00	02/22/2010 2:00	30.882	0.43893	0.39	16.48	0.426	13.08	44.7872	104.9068671	104.906752	0.308820	104.969390	
2010	53	400	53.166666667	02/22/2010 4:00	02/22/2010 3:00	31.164	0.44294	0.39	16.49	0.426	13.04	44.7780	104.9096805	104.909565	0.311640	104.972210	
2010	53	500	53.208333333	02/22/2010 5:00	02/22/2010 4:00	31.382	0.44604	0.39	16.47	0.426	13	44.7708	104.9118554	104.911740	0.313820	104.974390	
2010	53	600	53.250000000	02/22/2010 6:00	02/22/2010 5:00	31.583	0.44890	0.39	16.48	0.426	12.96	44.7642	104.9138607	104.913745	0.315830	104.976400	
2010	53	700	53.291666667	02/22/2010 7:00	02/22/2010 6:00	31.5	0.44772	0.39	16.48	0.426	12.92	44.7670	104.9130326	104.912917	0.315000	104.975570	
2010	53	800	53.333333333	02/22/2010 8:00	02/22/2010 7:00	31.112	0.44220	0.39	16.47	0.426	14.09	44.7797	104.9091617	104.909046	0.311120	104.971690	
2010	53	900	53.375000000	02/22/2010 9:00	02/22/2010 8:00	30.636	0.43544	0.39	16.47	0.426	14.06	44.7952	104.9044128	104.904297	0.306360	104.966930	
2010	53	1000	53.416666667	02/22/2010 10:00	02/22/2010 9:00	30.638	0.43546	0.39	16.49	0.426	14	44.7952	104.9044328	104.904317	0.306380	104.966950	
2010	53	1100	53.458333333	02/22/2010 11:00	02/22/2010 10:00	29.791	0.42343	0.39	16.5	0.426	13.92	44.8229	104.8959826	104.895867	0.297910	104.958480	
2010	53	1200	53.500000000	02/22/2010 12:00	02/22/2010 11:00	29.462	0.41875	0.39	16.48	0.426	13.86	44.8337	104.8927003	104.892585	0.294620	104.955190	
2010	53	1300	53.541666667	02/22/2010 13:00	02/22/2010 12:00	29.336	0.41696	0.39	16.49	0.426	13.82	44.8378	104.8914433	104.891328	0.293360	104.953930	
2010	53	1400	53.583333333	02/22/2010 14:00	02/22/2010 13:00	29.14	0.41417	0.389	16.48	0.426	13.78	44.8442	104.8894878	104.889372	0.291400	104.951970	
2010	53	1500	53.625000000	02/22/2010 15:00	02/22/2010 14:00	28.927	0.41115	0.389	16.49	0.426	13.76	44.8512	104.8873628	104.887247	0.289270	104.949840	
2010	53	1600	53.666666667	02/22/2010 16:00	02/22/2010 15:00	29.129	0.41402	0.389	16.5	0.425	13.74	44.8446	104.8893781	104.889263	0.291290	104.951860	
2010	53	1700	53.708333333	02/22/2010 17:00	02/22/2010 16:00	29.726	0.42250	0.389	16.52	0.425	13.76	44.8250	104.8953341	104.895219	0.297260	104.957830	
2010	53	1800	53.750000000	02/22/2010 18:00	02/22/2010 17:00	30.057	0.42721	0.389	16.48	0.426	13.55	44.8142	104.8986364	104.898521	0.300570	104.961140	
2010	53	1900	53.791666667	02/22/2010 19:00	02/22/2010 18:00	30.31	0.43080	0.389	16.49	0.426	13.46	44.8059	104.9011605	104.901045	0.303100	104.963670	
2010	53	2000	53.833333333	02/22/2010 20:00	02/22/2010 19:00	30.858	0.43859	0.389	16.5	0.425	13.4	44.7880	104.9066276	104.906512	0.308580	104.969150	
2010	53	2100	53.875000000	02/22/2010 21:00	02/22/2010 20:00	31.527	0.44810	0.389	16.48	0.426	13.32	44.7661	104.913302	104.913187	0.315270	104.975840	
2010	53	2200	53.916666667	02/22/2010 22:00	02/22/2010 21:00	32.029	0.45524	0.389	16.48	0.426	13.27	44.7496	104.9183102	104.918195	0.320290	104.980860	
2010	53	2300	53.958333333	02/22/2010 23:00	02/22/2010 22:00	32.658	0.46418	0.389	16.47	0.426	13.22	44.7291	104.9245855	104.924470	0.326580	104.987150	
2010	53	2400	54.000000000	02/23/2010 0:00	02/22/2010 23:00	33.239	0.47243	0.389	16.49	0.426	13.17	44.7100	104.9303819	104.930267	0.332390	104.992960	
2010	54	100	54.041666667	02/23/2010 1:00	02/23/2010 0:00	33.914	0.48203	0.389	16.48	0.425	13.12	44.6879	104.9371161	104.937001	0.339140	104.999710	
2010	54	200	54.083333333	02/23/2010 2:00	02/23/2010 1:00	34.591	0.49165	0.389	16.48	0.425	13.07	44.6658	104.9438703	104.943755	0.345910	105.006480	
2010	54	300	54.125000000	02/23/2010 3:00	02/23/2010 2:00	35.333	0.50220	0.389	16.49	0.425	13.02	44.6415	104.9512729	104.951158	0.353330	105.013900	
2010	54	400	54.166666667	02/23/2010 4:00	02/23/2010 3:00	36.098	0.51307	0.389	16.49	0.425	12.98	44.6165	104.958905	104.958790	0.360980	105.021550	
2010	54	500	54.208333333	02/23/2010 5:00	02/23/2010 4:00	36.721	0.52192	0.388	16.49	0.424	12.94	44.5961	104.9651205	104.965005	0.367210	105.027780	
2010	54	600	54.250000000	02/23/2010 6:00	02/23/2010 5:00	37.043	0.52650	0.389	16.48	0.425	12.91	44.5855	104.9683329	104.968218	0.370430	105.031000	
2010	54	700	54.291666667	02/23/2010 7:00	02/23/2010 6:00	37.068	0.52686	0.389	16.48	0.425	12.87	44.5847	104.9685824	104.968467	0.370680	105.031250	
2010	54	800	54.333333333	02/23/2010 8:00	02/23/2010 7:00	36.922	0.52478	0.389	16.5	0.425	14.17	44.5895	104.9671258	104.967010	0.369220	105.029790	
2010	54	900	54.375000000	02/23/2010 9:00	02/23/2010 8:00	36.551	0.51951	0.389	16.48	0.425	14.13	44.6016	104.9634244	104.963309	0.365510	105.026080	
2010	54	1000	54.416666667	02/23/2010 10:00	02/23/2010 9:00	36.677	0.52130	0.389	16.48	0.425	14.06	44.5975	104.9646815	104.964566	0.366770	105.027340	
2010	54	1100	54.458333333	02/23/2010 11:00	02/23/2010 10:00	36.216	0.51475	0.389	16.48	0.425	13.98	44.6126	104.9600823	104.959967	0.362160	105.022730	
2010	54	1200	54.500000000	02/23/2010 12:00	02/23/2010 11:00	35.814	0.50903	0.389	16.5	0.425	13.92	44.6257	104.9560717	104.955956	0.358140	105.018710	
2010	54	1300	54.541666667	02/23/2010 13:00	02/23/2010 12:00	35.764	0.50832	0.389	16.48	0.426	13.89	44.6274	104.9555729	104.955458	0.357640	105.018210	
2010	54	1400	54.583333333	02/23/2010 14:00	02/23/2010 13:00	35.769	0.50839	0.39	16.47	0.426	13.86	44.6272	104.9556227	104.955507	0.357690	105.018260	
2010	54	1500	54.625000000	02/23/2010 15:00	02/23/2010 14:00	35.768	0.50838	0.39	16.48	0.426	13.84	44.6273	104.9556128	104.955497	0.357680	105.018250	
2010	54	1600	54.666666667	02/23/2010 16:00	02/23/2010 15:00	36.178	0.51421	0.39	16.5	0.426	13.85	44.6138	104.9597032	104.959588	0.361780	105.022350	
2010	54	1700	54.708333333	02/23/2010 17:00	02/23/2010 16:00	36.695	0.52155	0.39	16.51	0.426	13.79	44.5969	104.9648611	104.964746	0.366950	105.027520	
2010	54	1800	54.750000000	02/23/2010 18:00	02/23/2010 17:00	37.142	0.52791	0.39	16.48	0.426	13.61	44.5823	104.9693206	104.969205	0.371420	105.031990	
2010	54	1900	54.791666667	02/23/2010 19:00	02/23/2010 18:00	37.497	0.53295	0.39	16.48	0.426	13.52	44.5707	104.9728623	104.972747	0.374970	105.035540	
2010	54	2000	54.833333333	02/23/2010 20:00	02/23/2010 19:00	38.067	0.54105	0.389	16.48	0.426	13.43	44.5520	104.978549	104.978434	0.380670	105.041240	
2010	54	2100	54.875000000	02/23/2010 21:00	02/23/2010 20:00	38.456	0.54658	0.389	16.5	0.425	13.37	44.5393	104.9824299	104.982315	0.384560	105.045130	
2010	54	2200	54.916666667	02/23/2010 22:00	02/23/2010 21:00	39.055	0.55510	0.389	16.49	0.425	13.31	44.5197	104.9884059	104.988291	0.390550	105.051120	
2010	54	2300	54.958333333	02/23/2010 23:00	02/23/2010 22:00	39.56	0.56228	0.389	16.51	0.425	13.25	44.5031	104.993444	104.993329	0.395600	105.056170	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	54	2400	55.000000000	02/24/2010 0:00	02/23/2010 23:00	40.076	0.56961	0.389	16.51	0.425	13.2	44.4862	104.998592	104.998477	0.400760	105.061330	
2010	55	100	55.041666667	02/24/2010 1:00	02/24/2010 0:00	40.675	0.57812	0.389	16.5	0.425	13.15	44.4666	105.004568	105.004453	0.406750	105.067320	
2010	55	200	55.083333333	02/24/2010 2:00	02/24/2010 1:00	41.25	0.58630	0.389	16.48	0.425	13.1	44.4478	105.0103045	105.010189	0.412500	105.073070	
2010	55	300	55.125000000	02/24/2010 3:00	02/24/2010 2:00	41.744	0.59332	0.389	16.49	0.425	13.06	44.4317	105.015233	105.015118	0.417440	105.078010	
2010	55	400	55.166666667	02/24/2010 4:00	02/24/2010 3:00	42.156	0.59917	0.389	16.49	0.425	13.02	44.4182	105.0193433	105.019228	0.421560	105.082130	
2010	55	500	55.208333333	02/24/2010 5:00	02/24/2010 4:00	42.439	0.60320	0.389	16.5	0.425	12.98	44.4089	105.0221667	105.022051	0.424390	105.084960	
2010	55	600	55.250000000	02/24/2010 6:00	02/24/2010 5:00	42.621	0.60578	0.389	16.49	0.426	12.95	44.4029	105.0239824	105.023867	0.426210	105.086780	
2010	55	700	55.291666667	02/24/2010 7:00	02/24/2010 6:00	42.695	0.60683	0.389	16.48	0.426	12.91	44.4005	105.0247207	105.024605	0.426950	105.087520	
2010	55	800	55.333333333	02/24/2010 8:00	02/24/2010 7:00	42.534	0.60455	0.39	16.5	0.426	12.95	44.4058	105.0231145	105.022999	0.425340	105.085910	
2010	55	900	55.375000000	02/24/2010 9:00	02/24/2010 8:00	42.36	0.60207	0.39	16.49	0.426	13.94	44.4115	105.0213785	105.021263	0.423600	105.084170	
2010	55	1000	55.416666667	02/24/2010 10:00	02/24/2010 9:00	42.201	0.59981	0.39	16.5	0.426	13.93	44.4167	105.0197923	105.019677	0.422010	105.082580	
2010	55	1100	55.458333333	02/24/2010 11:00	02/24/2010 10:00	41.708	0.59281	0.389	16.48	0.426	13.86	44.4328	105.0148738	105.014758	0.417080	105.077650	
2010	55	1200	55.500000000	02/24/2010 12:00	02/24/2010 11:00	41.948	0.59622	0.389	16.49	0.426	13.8	44.4250	105.0172682	105.017153	0.419480	105.080050	
2010	55	1300	55.541666667	02/24/2010 13:00	02/24/2010 12:00	41.726	0.59306	0.389	16.49	0.426	13.74	44.4322	105.0150534	105.014938	0.417260	105.077830	
2010	55	1400	55.583333333	02/24/2010 14:00	02/24/2010 13:00	41.9	0.59553	0.389	16.5	0.426	13.7	44.4265	105.0167893	105.016674	0.419000	105.079570	
2010	55	1500	55.625000000	02/24/2010 15:00	02/24/2010 14:00	41.72	0.59298	0.39	16.49	0.426	13.7	44.4324	105.0149935	105.014878	0.417200	105.077770	
2010	55	1600	55.666666667	02/24/2010 16:00	02/24/2010 15:00	41.616	0.59150	0.39	16.49	0.426	13.72	44.4358	105.0139559	105.013841	0.416160	105.076730	
2010	55	1700	55.708333333	02/24/2010 17:00	02/24/2010 16:00	41.725	0.59305	0.39	16.48	0.426	13.62	44.4323	105.0150434	105.014928	0.417250	105.077820	
2010	55	1800	55.750000000	02/24/2010 18:00	02/24/2010 17:00	41.662	0.59215	0.39	16.49	0.426	13.48	44.4343	105.0144149	105.014300	0.416620	105.077190	
2010	55	1900	55.791666667	02/24/2010 19:00	02/24/2010 18:00	41.506	0.58993	0.39	16.49	0.426	13.38	44.4394	105.0128585	105.012743	0.415060	105.075630	
2010	55	2000	55.833333333	02/24/2010 20:00	02/24/2010 19:00	41.171	0.58517	0.39	16.47	0.426	13.31	44.4504	105.0095164	105.009401	0.411710	105.072280	
2010	55	2100	55.875000000	02/24/2010 21:00	02/24/2010 20:00	41.113	0.58435	0.39	16.49	0.427	13.25	44.4523	105.0089377	105.008822	0.411130	105.071700	
2010	55	2200	55.916666667	02/24/2010 22:00	02/24/2010 21:00	40.854	0.58067	0.39	16.48	0.426	13.19	44.4608	105.0063538	105.006238	0.408540	105.069110	
2010	55	2300	55.958333333	02/24/2010 23:00	02/24/2010 22:00	40.563	0.57653	0.39	16.48	0.426	13.14	44.4703	105.0034506	105.003335	0.405630	105.066200	
2010	55	2400	56.000000000	02/25/2010 0:00	02/24/2010 23:00	40.123	0.57028	0.39	16.48	0.426	13.1	44.4847	104.9990609	104.998946	0.401230	105.061800	
2010	56	100	56.041666667	02/25/2010 1:00	02/25/2010 0:00	40.034	0.56901	0.389	16.47	0.426	13.05	44.4876	104.998173	104.998058	0.400340	105.060910	
2010	56	200	56.083333333	02/25/2010 2:00	02/25/2010 1:00	39.867	0.56664	0.389	16.47	0.426	13.01	44.4931	104.9965069	104.996392	0.398670	105.059240	
2010	56	300	56.125000000	02/25/2010 3:00	02/25/2010 2:00	39.611	0.56300	0.389	16.47	0.426	12.97	44.5015	104.9939529	104.993838	0.396110	105.056680	
2010	56	400	56.166666667	02/25/2010 4:00	02/25/2010 3:00	39.57	0.56242	0.39	16.51	0.426	12.94	44.5028	104.9935438	104.993428	0.395700	105.056270	
2010	56	500	56.208333333	02/25/2010 5:00	02/25/2010 4:00	39.511	0.56158	0.389	16.49	0.426	12.91	44.5047	104.9929552	104.992840	0.395110	105.055680	
2010	56	600	56.250000000	02/25/2010 6:00	02/25/2010 5:00	39.077	0.55541	0.389	16.48	0.426	12.88	44.5189	104.9886254	104.988510	0.390770	105.051340	
2010	56	700	56.291666667	02/25/2010 7:00	02/25/2010 6:00	38.772	0.55108	0.389	16.48	0.426	12.86	44.5289	104.9855825	104.985467	0.387720	105.048290	
2010	56	800	56.333333333	02/25/2010 8:00	02/25/2010 7:00	38.48	0.54692	0.389	16.49	0.426	13.89	44.5385	104.9826693	104.982554	0.384800	105.045370	
2010	56	900	56.375000000	02/25/2010 9:00	02/25/2010 8:00	38.425	0.54614	0.389	16.48	0.426	13.88	44.5403	104.9821206	104.982005	0.384250	105.044820	
2010	56	1000	56.416666667	02/25/2010 10:00	02/25/2010 9:00	38.247	0.54361	0.39	16.47	0.426	13.82	44.5461	104.9803448	104.980229	0.382470	105.043040	
2010	56	1100	56.458333333	02/25/2010 11:00	02/25/2010 10:00	37.24	0.52930	0.39	16.49	0.426	13.76	44.5791	104.9702983	104.970183	0.372400	105.032970	
2010	56	1200	56.500000000	02/25/2010 12:00	02/25/2010 11:00	37.17	0.52831	0.39	16.5	0.426	13.7	44.5814	104.9696	104.969485	0.371700	105.032270	
2010	56	1300	56.541666667	02/25/2010 13:00	02/25/2010 12:00	37.38	0.53129	0.39	16.49	0.426	13.66	44.5745	104.9716951	104.971580	0.373800	105.034370	
2010	56	1400	56.583333333	02/25/2010 14:00	02/25/2010 13:00	37.323	0.53048	0.39	16.49	0.426	13.64	44.5764	104.9711264	104.971011	0.373230	105.033800	
2010	56	1500	56.625000000	02/25/2010 15:00	02/25/2010 14:00	36.417	0.51760	0.39	16.48	0.427	13.63	44.6060	104.9620876	104.961972	0.364170	105.024740	
2010	56	1600	56.666666667	02/25/2010 16:00	02/25/2010 15:00	36.5	0.51878	0.391	16.48	0.427	13.63	44.6033	104.9629156	104.962800	0.365000	105.025570	
2010	56	1700	56.708333333	02/25/2010 17:00	02/25/2010 16:00	36.946	0.52512	0.391	16.5	0.427	13.58	44.5887	104.9673652	104.967250	0.369460	105.030030	
2010	56	1800	56.750000000	02/25/2010 18:00	02/25/2010 17:00	37.054	0.52666	0.391	16.48	0.427	13.43	44.5852	104.9684427	104.968327	0.370540	105.031110	
2010	56	1900	56.791666667	02/25/2010 19:00	02/25/2010 18:00	36.93	0.52489	0.391	16.49	0.427	13.34	44.5892	104.9672056	104.967090	0.369300	105.029870	
2010	56	2000	56.833333333	02/25/2010 20:00	02/25/2010 19:00	37.055	0.52667	0.391	16.48	0.428	13.27	44.5851	104.9684527	104.968337	0.370550	105.031120	
2010	56	2100	56.875000000	02/25/2010 21:00	02/25/2010 20:00	37.154	0.52808	0.391	16.48	0.428	13.22	44.5819	104.9694403	104.969325	0.371540	105.032110	
2010	56	2200	56.916666667	02/25/2010 22:00	02/25/2010 21:00	37.344	0.53078	0.39	16.5	0.426	13.17	44.5757	104.9713359	104.971221	0.373440	105.034010	
2010	56	2300	56.958333333	02/25/2010 23:00	02/25/2010 22:00	37.573	0.53403	0.389	16.48	0.426	13.11	44.5682	104.9736205	104.973505	0.375730	105.036300	
2010	56	2400	57.000000000	02/26/2010 0:00	02/25/2010 23:00	37.973	0.53972	0.389	16.48	0.425	13.07	44.5551	104.9776112	104.977496	0.379730	105.040300	
2010	57	100	57.041666667	02/26/2010 1:00	02/26/2010 0:00	38.209	0.54307	0.389	16.49	0.425	13.02	44.5474	104.9799657	104.979850	0.382090	105.042660	
2010	57	200	57.083333333	02/26/2010 2:00	02/26/2010 1:00	38.561	0.54808	0.389	16.49	0.425	13	44.5358	104.9834774	104.983362	0.385610	105.046180	
2010	57	300	57.125000000	02/26/2010 3:00	02/26/2010 2:00	38.831	0.55191	0.389	16.48	0.425	12.95	44.5270	104.9861711	104.986056	0.388310	105.048880	
2010	57	400	57.166666667	02/26/2010 4:00	02/26/2010 3:00	39.089	0.55558	0.389	16.49	0.425	12.92	44.5186	104.9887451	104.988630	0.390890	105.051460	
2010	57	500	57.208333333	02/26/2010 5:00	02/26/2010 4:00	39.313	0.55876	0.389	16.51	0.426	12.9	44.5112	104.9909798	104.990864	0.393130	105.053700	
2010	57	600	57.250000000	02/26/2010 6:00	02/26/2010 5:00	39.207	0.55726	0.389	16.5	0.425	12.87	44.5147	104.9899223	104.989807	0.392070	105.052640	
2010	57	700	57.291666667	02/26/2010 7:00	02/26/2010 6:00	39.348	0.55926	0.389	16.48	0.426	12.85	44.5101	104.991329	104.991214	0.393480	105.054050	
2010	57	800	57.333333333	02/26/2010 8:00	02/26/2010 7:00	39.185	0.55695	0.389	16.5	0.425	12.85	44.5154	104.9897028	104.989587	0.391850	105.052420	
2010	57	900	57.375000000	02/26/2010 9:00	02/26/2010 8:00	38.89	0.55275	0.389	16.51	0.425	13.07	44.5251	104.9867597	104.986644	0.388900	105.049470	
2010	57	1000	57.416666667	02/26/2010 10:00	02/26/2010 9:00	38.596	0.54857	0.389	16.49	0.425	13.49	44.5347	104.9838266	104.983711	0.385960	105.046530	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	57	1100	57.458333333	02/26/2010 11:00	02/26/2010 10:00	38.349	0.54506	0.389	16.48	0.425	13.92	44.5428	104.9813624	104.981247	0.383490	105.044060	
2010	57	1200	57.500000000	02/26/2010 12:00	02/26/2010 11:00	38.016	0.54033	0.389	16.49	0.426	13.92	44.5537	104.9780402	104.977925	0.380160	105.040730	
2010	57	1300	57.541666667	02/26/2010 13:00	02/26/2010 12:00	37.826	0.53763	0.389	16.49	0.426	13.92	44.5599	104.9761446	104.976029	0.378260	105.038830	
2010	57	1400	57.583333333	02/26/2010 14:00	02/26/2010 13:00	37.544	0.53362	0.39	16.49	0.426	13.91	44.5691	104.9733312	104.973216	0.375440	105.036010	
2010	57	1500	57.625000000	02/26/2010 15:00	02/26/2010 14:00	37.203	0.52877	0.39	16.48	0.426	13.76	44.5803	104.9699292	104.969814	0.372030	105.032600	
2010	57	1600	57.666666667	02/26/2010 16:00	02/26/2010 15:00	37.003	0.52593	0.391	16.49	0.427	13.61	44.5868	104.9679339	104.967819	0.370030	105.030600	
2010	57	1700	57.708333333	02/26/2010 17:00	02/26/2010 16:00	36.721	0.52192	0.391	16.5	0.427	13.5	44.5961	104.9651205	104.965005	0.367210	105.027780	
2010	57	1800	57.750000000	02/26/2010 18:00	02/26/2010 17:00	36.546	0.51944	0.391	16.49	0.427	13.43	44.6018	104.9633746	104.963259	0.365460	105.026030	
2010	57	1900	57.791666667	02/26/2010 19:00	02/26/2010 18:00	36.279	0.51564	0.391	16.49	0.427	13.35	44.6105	104.9607108	104.960595	0.362790	105.023360	
2010	57	2000	57.833333333	02/26/2010 20:00	02/26/2010 19:00	36.248	0.51520	0.39	16.49	0.427	13.29	44.6115	104.9604015	104.960286	0.362480	105.023050	
2010	57	2100	57.875000000	02/26/2010 21:00	02/26/2010 20:00	36.2	0.51452	0.39	16.49	0.427	13.24	44.6131	104.9599227	104.959807	0.362000	105.022570	
2010	57	2200	57.916666667	02/26/2010 22:00	02/26/2010 21:00	36.294	0.51585	0.39	16.48	0.427	13.19	44.6100	104.9608605	104.960745	0.362940	105.023510	
2010	57	2300	57.958333333	02/26/2010 23:00	02/26/2010 22:00	36.483	0.51854	0.39	16.48	0.426	13.13	44.6039	104.962746	104.962631	0.364830	105.025400	
2010	57	2400	58.000000000	02/27/2010 0:00	02/26/2010 23:00	36.459	0.51820	0.389	16.48	0.426	13.09	44.6046	104.9625066	104.962391	0.364590	105.025160	
2010	58	100	58.041666667	02/27/2010 1:00	02/27/2010 0:00	36.612	0.52037	0.39	16.49	0.426	13.05	44.5996	104.964033	104.963918	0.366120	105.026690	
2010	58	200	58.083333333	02/27/2010 2:00	02/27/2010 1:00	36.462	0.51824	0.389	16.49	0.426	13	44.6045	104.9625365	104.962421	0.364620	105.025190	
2010	58	300	58.125000000	02/27/2010 3:00	02/27/2010 2:00	36.643	0.52082	0.39	16.48	0.426	12.96	44.5986	104.9643423	104.964227	0.366430	105.027000	
2010	58	400	58.166666667	02/27/2010 4:00	02/27/2010 3:00	36.368	0.51691	0.39	16.48	0.426	12.93	44.6076	104.9615987	104.961483	0.363680	105.024250	
2010	58	500	58.208333333	02/27/2010 5:00	02/27/2010 4:00	36.579	0.51991	0.389	16.48	0.425	12.9	44.6007	104.9637038	104.963588	0.365790	105.026360	
2010	58	600	58.250000000	02/27/2010 6:00	02/27/2010 5:00	36.533	0.51925	0.389	16.51	0.425	12.87	44.6022	104.9632449	104.963130	0.365330	105.025900	
2010	58	700	58.291666667	02/27/2010 7:00	02/27/2010 6:00	36.128	0.51350	0.389	16.49	0.425	12.85	44.6155	104.9592043	104.959089	0.361280	105.021850	
2010	58	800	58.333333333	02/27/2010 8:00	02/27/2010 7:00	35.693	0.50731	0.389	16.49	0.425	14	44.6297	104.9548645	104.954749	0.356930	105.017500	
2010	58	900	58.375000000	02/27/2010 9:00	02/27/2010 8:00	35.512	0.50474	0.389	16.49	0.426	14.02	44.6356	104.9530588	104.952943	0.355120	105.015690	
2010	58	1000	58.416666667	02/27/2010 10:00	02/27/2010 9:00	35.287	0.50154	0.39	16.48	0.426	13.97	44.6430	104.950814	104.950699	0.352870	105.013440	
2010	58	1100	58.458333333	02/27/2010 11:00	02/27/2010 10:00	34.579	0.49148	0.39	16.47	0.426	13.9	44.6662	104.9437506	104.943635	0.345790	105.006360	
2010	58	1200	58.500000000	02/27/2010 12:00	02/27/2010 11:00	34.105	0.48474	0.39	16.49	0.426	13.81	44.6817	104.9390217	104.938906	0.341050	105.001620	
2010	58	1300	58.541666667	02/27/2010 13:00	02/27/2010 12:00	34.288	0.48734	0.39	16.48	0.426	13.73	44.6757	104.9408474	104.940732	0.342880	105.003450	
2010	58	1400	58.583333333	02/27/2010 14:00	02/27/2010 13:00	33.709	0.47911	0.39	16.5	0.426	13.67	44.6946	104.9350709	104.934956	0.337090	104.997660	
2010	58	1500	58.625000000	02/27/2010 15:00	02/27/2010 14:00	33.36	0.47415	0.39	16.49	0.426	13.65	44.7061	104.9315891	104.931474	0.333600	104.994170	
2010	58	1600	58.666666667	02/27/2010 16:00	02/27/2010 15:00	32.879	0.46732	0.39	16.49	0.426	13.63	44.7218	104.9267904	104.926675	0.328790	104.989360	
2010	58	1700	58.708333333	02/27/2010 17:00	02/27/2010 16:00	32.608	0.46346	0.39	16.49	0.426	13.63	44.7307	104.9240867	104.923971	0.326080	104.986650	
2010	58	1800	58.750000000	02/27/2010 18:00	02/27/2010 17:00	32.847	0.46686	0.39	16.47	0.427	13.51	44.7229	104.9264711	104.926356	0.328470	104.989040	
2010	58	1900	58.791666667	02/27/2010 19:00	02/27/2010 18:00	32.56	0.46278	0.39	16.5	0.426	13.4	44.7323	104.9236078	104.923492	0.325600	104.986170	
2010	58	2000	58.833333333	02/27/2010 20:00	02/27/2010 19:00	32.209	0.45779	0.39	16.48	0.426	13.32	44.7437	104.920106	104.919991	0.322090	104.982660	
2010	58	2100	58.875000000	02/27/2010 21:00	02/27/2010 20:00	31.988	0.45465	0.389	16.5	0.426	13.26	44.7510	104.9179012	104.917786	0.319880	104.980450	
2010	58	2200	58.916666667	02/27/2010 22:00	02/27/2010 21:00	31.725	0.45091	0.389	16.49	0.425	13.2	44.7596	104.9152774	104.915162	0.317250	104.977820	
2010	58	2300	58.958333333	02/27/2010 23:00	02/27/2010 22:00	31.562	0.44860	0.389	16.5	0.425	13.15	44.7649	104.9136512	104.913536	0.315620	104.976190	
2010	58	2400	59.000000000	02/28/2010 0:00	02/27/2010 23:00	31.619	0.44941	0.389	16.49	0.425	13.11	44.7631	104.9142198	104.914104	0.316190	104.976760	
2010	59	100	59.041666667	02/28/2010 1:00	02/28/2010 0:00	31.634	0.44962	0.389	16.49	0.425	13.06	44.7626	104.9143695	104.914254	0.316340	104.976910	
2010	59	200	59.083333333	02/28/2010 2:00	02/28/2010 1:00	32.085	0.45603	0.389	16.48	0.425	13.02	44.7478	104.9188689	104.918754	0.320850	104.981420	
2010	59	300	59.125000000	02/28/2010 3:00	02/28/2010 2:00	32.43	0.46093	0.39	16.49	0.426	12.98	44.7365	104.9223109	104.922196	0.324300	104.984870	
2010	59	400	59.166666667	02/28/2010 4:00	02/28/2010 3:00	32.891	0.46749	0.39	16.49	0.427	12.94	44.7214	104.9269101	104.926795	0.328910	104.989480	
2010	59	500	59.208333333	02/28/2010 5:00	02/28/2010 4:00	33.172	0.47148	0.39	16.48	0.427	12.91	44.7122	104.9297135	104.929598	0.331720	104.992290	
2010	59	600	59.250000000	02/28/2010 6:00	02/28/2010 5:00	33.279	0.47300	0.39	16.49	0.427	12.88	44.7087	104.930781	104.930666	0.332790	104.993360	
2010	59	700	59.291666667	02/28/2010 7:00	02/28/2010 6:00	33.044	0.46966	0.39	16.48	0.426	12.86	44.7164	104.9284365	104.928321	0.330440	104.991010	
2010	59	800	59.333333333	02/28/2010 8:00	02/28/2010 7:00	32.75	0.46548	0.39	16.5	0.426	14.05	44.7260	104.9255034	104.925388	0.327500	104.988070	
2010	59	900	59.375000000	02/28/2010 9:00	02/28/2010 8:00	32.71	0.46491	0.39	16.49	0.426	14.02	44.7273	104.9251043	104.924989	0.327100	104.987670	
2010	59	1000	59.416666667	02/28/2010 10:00	02/28/2010 9:00	32.429	0.46092	0.39	16.5	0.427	13.94	44.7365	104.9223009	104.922186	0.324290	104.984860	
2010	59	1100	59.458333333	02/28/2010 11:00	02/28/2010 10:00	31.734	0.45104	0.39	16.5	0.427	13.87	44.7593	104.9153671	104.915252	0.317340	104.977910	
2010	59	1200	59.500000000	02/28/2010 12:00	02/28/2010 11:00	31.705	0.45063	0.39	16.5	0.426	13.77	44.7602	104.9150778	104.914962	0.317050	104.977620	
2010	59	1300	59.541666667	02/28/2010 13:00	02/28/2010 12:00	31.205	0.44352	0.39	16.49	0.426	13.7	44.7766	104.9100895	104.909974	0.312050	104.972620	
2010	59	1400	59.583333333	02/28/2010 14:00	02/28/2010 13:00	31.068	0.44158	0.39	16.5	0.426	13.66	44.7811	104.9087227	104.908607	0.310680	104.971250	
2010	59	1500	59.625000000	02/28/2010 15:00	02/28/2010 14:00	30.745	0.43699	0.39	16.5	0.426	13.63	44.7917	104.9055003	104.905385	0.307450	104.968020	
2010	59	1600	59.666666667	02/28/2010 16:00	02/28/2010 15:00	30.167	0.42877	0.39	16.49	0.426	13.61	44.8106	104.8997338	104.899618	0.301670	104.962240	
2010	59	1700	59.708333333	02/28/2010 17:00	02/28/2010 16:00	30.42	0.43237	0.39	16.5	0.426	13.61	44.8023	104.9022579	104.902143	0.304200	104.964770	
2010	59	1800	59.750000000	02/28/2010 18:00	02/28/2010 17:00	30.74	0.43691	0.39	16.51	0.426	13.49	44.7918	104.9054504	104.905335	0.307400	104.967970	
2010	59	1900	59.791666667	02/28/2010 19:00	02/28/2010 18:00	30.662	0.43581	0.39	16.49	0.426	13.38	44.7944	104.9046722	104.904557	0.306620	104.967190	
2010	59	2000	59.833333333	02/28/2010 20:00	02/28/2010 19:00	30.487	0.43332	0.389	16.5	0.426	13.31	44.8001	104.9029263	104.902811	0.304870	104.965440	
2010	59	2100	59.875000000	02/28/2010 21:00	02/28/2010 20:00	30.428	0.43248	0.389	16.49	0.425	13.25	44.8020	104.9023377	104.902222	0.304280	104.964850	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	59	2200	59.916666667	02/28/2010 22:00	02/28/2010 21:00	30.412	0.43225	0.389	16.49	0.425	13.2	44.8026	104.9021781	104.902063	0.304120	104.964690	
2010	59	2300	59.958333333	02/28/2010 23:00	02/28/2010 22:00	30.277	0.43033	0.389	16.5	0.425	13.15	44.8070	104.9008312	104.900716	0.302770	104.963340	
2010	59	2400	60.000000000	03/01/2010 0:00	02/28/2010 23:00	30.447	0.43275	0.389	16.5	0.425	13.1	44.8014	104.9025273	104.902412	0.304470	104.965040	
2010	60	100	60.041666667	03/01/2010 1:00	03/01/2010 0:00	30.306	0.43075	0.389	16.48	0.425	13.06	44.8060	104.9011206	104.901005	0.303060	104.963630	
2010	60	200	60.083333333	03/01/2010 2:00	03/01/2010 1:00	30.344	0.43129	0.389	16.48	0.425	13.02	44.8048	104.9014997	104.901384	0.303440	104.964010	
2010	60	300	60.125000000	03/01/2010 3:00	03/01/2010 2:00	30.453	0.43284	0.389	16.49	0.425	12.98	44.8012	104.9025871	104.902472	0.304530	104.965100	
2010	60	400	60.166666667	03/01/2010 4:00	03/01/2010 3:00	30.527	0.43389	0.389	16.49	0.425	12.94	44.7988	104.9033254	104.903210	0.305270	104.965840	
2010	60	500	60.208333333	03/01/2010 5:00	03/01/2010 4:00	30.657	0.43573	0.389	16.48	0.425	12.91	44.7945	104.9046223	104.904507	0.306570	104.967140	
2010	60	600	60.250000000	03/01/2010 6:00	03/01/2010 5:00	30.823	0.43809	0.389	16.51	0.425	12.88	44.7891	104.9062785	104.906163	0.308230	104.968800	
2010	60	700	60.291666667	03/01/2010 7:00	03/01/2010 6:00	30.447	0.43275	0.389	16.49	0.425	12.98	44.8014	104.9025273	104.902412	0.304470	104.965040	
2010	60	800	60.333333333	03/01/2010 8:00	03/01/2010 7:00	31.028	0.44101	0.389	16.51	0.425	14.01	44.7824	104.9083237	104.908208	0.310280	104.970850	
2010	60	900	60.375000000	03/01/2010 9:00	03/01/2010 8:00	30.517	0.43375	0.389	16.49	0.426	13.96	44.7991	104.9032256	104.903110	0.305170	104.965740	
2010	60	1000	60.416666667	03/01/2010 10:00	03/01/2010 9:00	30.633	0.43539	0.389	16.51	0.425	13.89	44.7953	104.9043829	104.904268	0.306330	104.966900	
2010	60	1100	60.458333333	03/01/2010 11:00	03/01/2010 10:00	30.677	0.43602	0.389	16.51	0.425	13.82	44.7939	104.9048219	104.904707	0.306770	104.967340	
2010	60	1200	60.500000000	03/01/2010 12:00	03/01/2010 11:00	30.607	0.43502	0.389	16.48	0.425	13.77	44.7962	104.9041235	104.904008	0.306070	104.966640	
2010	60	1300	60.541666667	03/01/2010 13:00	03/01/2010 12:00	30.55	0.43421	0.389	16.5	0.425	13.72	44.7980	104.9035548	104.903440	0.305500	104.966070	
2010	60	1400	60.583333333	03/01/2010 14:00	03/01/2010 13:00	30.828	0.43817	0.389	16.51	0.425	13.69	44.7889	104.9063283	104.906213	0.308280	104.968850	
2010	60	1500	60.625000000	03/01/2010 15:00	03/01/2010 14:00	30.93	0.43962	0.389	16.51	0.425	13.66	44.7856	104.907346	104.907231	0.309300	104.969870	
2010	60	1600	60.666666667	03/01/2010 16:00	03/01/2010 15:00	31.113	0.44222	0.389	16.5	0.425	13.66	44.7796	104.9091717	104.909056	0.311130	104.971700	
2010	60	1700	60.708333333	03/01/2010 17:00	03/01/2010 16:00	31.247	0.44412	0.389	16.51	0.425	13.63	44.7752	104.9105085	104.910393	0.312470	104.973040	
2010	60	1800	60.750000000	03/01/2010 18:00	03/01/2010 17:00	31.31	0.44502	0.389	16.51	0.425	13.47	44.7732	104.9111371	104.911022	0.313100	104.973670	
2010	60	1900	60.791666667	03/01/2010 19:00	03/01/2010 18:00	31.333	0.44534	0.389	16.5	0.425	13.38	44.7724	104.9113665	104.911251	0.313330	104.973900	
2010	60	2000	60.833333333	03/01/2010 20:00	03/01/2010 19:00	31.221	0.44375	0.389	16.49	0.425	13.31	44.7761	104.9102492	104.910134	0.312210	104.972780	
2010	60	2100	60.875000000	03/01/2010 21:00	03/01/2010 20:00	31.07	0.44160	0.389	16.5	0.425	13.23	44.7810	104.9087427	104.908627	0.310700	104.971270	
2010	60	2200	60.916666667	03/01/2010 22:00	03/01/2010 21:00	30.976	0.44027	0.389	16.51	0.425	13.18	44.7841	104.9078049	104.907690	0.309760	104.970330	
2010	60	2300	60.958333333	03/01/2010 23:00	03/01/2010 22:00	30.782	0.43751	0.389	16.51	0.425	13.13	44.7905	104.9058694	104.905754	0.307820	104.968390	
2010	60	2400	61.000000000	03/02/2010 0:00	03/01/2010 23:00	30.652	0.43566	0.389	16.47	0.425	13.09	44.7947	104.9045725	104.904457	0.306520	104.967090	
2010	61	100	61.041666667	03/02/2010 1:00	03/02/2010 0:00	30.711	0.43650	0.389	16.51	0.425	13.04	44.7928	104.9051611	104.905046	0.307110	104.967680	
2010	61	200	61.083333333	03/02/2010 2:00	03/02/2010 1:00	31.076	0.44169	0.389	16.49	0.425	13	44.7808	104.9088025	104.908687	0.310760	104.971330	
2010	61	300	61.125000000	03/02/2010 3:00	03/02/2010 2:00	31.362	0.44576	0.389	16.49	0.425	12.96	44.7715	104.9116559	104.911541	0.313620	104.974190	
2010	61	400	61.166666667	03/02/2010 4:00	03/02/2010 3:00	31.693	0.45046	0.389	16.49	0.425	12.93	44.7606	104.9149581	104.914843	0.316930	104.977500	
2010	61	500	61.208333333	03/02/2010 5:00	03/02/2010 4:00	32.071	0.45583	0.389	16.49	0.425	12.91	44.7483	104.9187293	104.918614	0.320710	104.981280	
2010	61	600	61.250000000	03/02/2010 6:00	03/02/2010 5:00	32.153	0.45700	0.389	16.48	0.425	12.88	44.7456	104.9195473	104.919432	0.321530	104.982100	
2010	61	700	61.291666667	03/02/2010 7:00	03/02/2010 6:00	32.495	0.46186	0.389	16.51	0.425	12.85	44.7344	104.9229593	104.922844	0.324950	104.985520	
2010	61	800	61.333333333	03/02/2010 8:00	03/02/2010 7:00	32.397	0.46047	0.389	16.5	0.425	13.21	44.7376	104.9219816	104.921866	0.323970	104.984540	
2010	61	900	61.375000000	03/02/2010 9:00	03/02/2010 8:00	32.232	0.45812	0.389	16.5	0.425	13.91	44.7430	104.9203355	104.920220	0.322320	104.982890	
2010	61	1000	61.416666667	03/02/2010 10:00	03/02/2010 9:00	32.073	0.45586	0.389	16.49	0.425	13.84	44.7482	104.9187492	104.918634	0.320730	104.981300	
2010	61	1100	61.458333333	03/02/2010 11:00	03/02/2010 10:00	31.342	0.44547	0.389	16.5	0.425	13.8	44.7721	104.9114563	104.911341	0.313420	104.973990	
2010	61	1200	61.500000000	03/02/2010 12:00	03/02/2010 11:00	31.263	0.44435	0.389	16.5	0.425	13.72	44.7747	104.9106682	104.910553	0.312630	104.973200	
2010	61	1300	61.541666667	03/02/2010 13:00	03/02/2010 12:00	30.918	0.43944	0.389	16.51	0.425	13.65	44.7860	104.9072262	104.907111	0.309180	104.969750	
2010	61	1400	61.583333333	03/02/2010 14:00	03/02/2010 13:00	30.39	0.43194	0.389	16.5	0.425	13.59	44.8033	104.9019586	104.901843	0.303900	104.964470	
2010	61	1500	61.625000000	03/02/2010 15:00	03/02/2010 14:00	31.083	0.44179	0.389	16.5	0.425	13.54	44.7806	104.9088724	104.908757	0.310830	104.971400	
2010	61	1600	61.666666667	03/02/2010 16:00	03/02/2010 15:00	30.544	0.43413	0.389	16.49	0.425	13.58	44.7982	104.903495	104.903380	0.305440	104.966010	
2010	61	1700	61.708333333	03/02/2010 17:00	03/02/2010 16:00	30.492	0.43339	0.389	16.5	0.425	13.48	44.7999	104.9029762	104.902861	0.304920	104.965490	
2010	61	1800	61.750000000	03/02/2010 18:00	03/02/2010 17:00	30.441	0.43266	0.389	16.49	0.425	13.35	44.8016	104.9024674	104.902352	0.304410	104.964980	
2010	61	1900	61.791666667	03/02/2010 19:00	03/02/2010 18:00	30.404	0.43214	0.389	16.49	0.425	13.26	44.8028	104.9020983	104.901983	0.304040	104.964610	
2010	61	2000	61.833333333	03/02/2010 20:00	03/02/2010 19:00	30.211	0.42940	0.389	16.46	0.425	13.2	44.8091	104.9001728	104.900057	0.302110	104.962680	
2010	61	2100	61.875000000	03/02/2010 21:00	03/02/2010 20:00	30.066	0.42733	0.389	16.5	0.425	13.14	44.8139	104.8987262	104.898611	0.300660	104.961230	
2010	61	2200	61.916666667	03/02/2010 22:00	03/02/2010 21:00	30.316	0.43089	0.389	16.49	0.425	13.09	44.8057	104.9012203	104.901105	0.303160	104.963730	
2010	61	2300	61.958333333	03/02/2010 23:00	03/02/2010 22:00	30.225	0.42959	0.389	16.48	0.425	13.04	44.8087	104.9003125	104.900197	0.302250	104.962820	
2010	61	2400	62.000000000	03/03/2010 0:00	03/02/2010 23:00	30.581	0.43465	0.389	16.47	0.425	13.01	44.7970	104.9038641	104.903749	0.305810	104.966380	
2010	62	100	62.041666667	03/03/2010 1:00	03/03/2010 0:00	31.145	0.44267	0.389	16.5	0.425	12.97	44.7786	104.9094909	104.909376	0.311450	104.972020	
2010	62	200	62.083333333	03/03/2010 2:00	03/03/2010 1:00	31.533	0.44819	0.389	16.49	0.425	12.94	44.7659	104.9133619	104.913247	0.315330	104.975900	
2010	62	300	62.125000000	03/03/2010 3:00	03/03/2010 2:00	31.885	0.45319	0.389	16.48	0.425	12.92	44.7544	104.9168736	104.916758	0.318850	104.979420	
2010	62	400	62.166666667	03/03/2010 4:00	03/03/2010 3:00	32.062	0.45570	0.388	16.49	0.424	12.89	44.7486	104.9186395	104.918524	0.320620	104.981190	
2010	62	500	62.208333333	03/03/2010 5:00	03/03/2010 4:00	32.322	0.45940	0.389	16.49	0.425	12.87	44.7400	104.9212334	104.921118	0.323220	104.983790	
2010	62	600	62.250000000	03/03/2010 6:00	03/03/2010 5:00	32.406	0.46059	0.389	16.5	0.425	12.86	44.7373	104.9220714	104.921956	0.324060	104.984630	
2010	62	700	62.291666667	03/03/2010 7:00	03/03/2010 6:00	32.408	0.46062	0.389	16.48	0.425	12.86	44.7372	104.9220914	104.921976	0.324080	104.984650	
2010	62	800	62.333333333	03/03/2010 8:00	03/03/2010 7:00	32.2	0.45767	0.389	16.49	0.425	13.69	44.7440	104.9200162	104.919901	0.322000	104.982570	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	62	900	62.375000000	03/03/2010 9:00	03/03/2010 8:00	31.464	0.44720	0.389	16.49	0.425	13.83	44.7681	104.9126735	104.912558	0.314640	104.975210	
2010	62	1000	62.416666667	03/03/2010 10:00	03/03/2010 9:00	31.88	0.45312	0.389	16.49	0.425	13.77	44.7545	104.9168237	104.916708	0.318800	104.979370	
2010	62	1100	62.458333333	03/03/2010 11:00	03/03/2010 10:00	31.332	0.44533	0.389	16.5	0.425	13.7	44.7725	104.9113566	104.911241	0.313320	104.973890	
2010	62	1200	62.500000000	03/03/2010 12:00	03/03/2010 11:00	30.487	0.43332	0.389	16.5	0.425	13.64	44.8001	104.9029263	104.902811	0.304870	104.965440	
2010	62	1300	62.541666667	03/03/2010 13:00	03/03/2010 12:00	30.592	0.43481	0.388	16.51	0.425	13.61	44.7967	104.9039739	104.903859	0.305920	104.966490	
2010	62	1400	62.583333333	03/03/2010 14:00	03/03/2010 13:00	30.362	0.43154	0.389	16.5	0.425	13.58	44.8042	104.9016792	104.901564	0.303620	104.964190	
2010	62	1500	62.625000000	03/03/2010 15:00	03/03/2010 14:00	29.386	0.41767	0.389	16.5	0.425	13.59	44.8361	104.8919421	104.891827	0.293860	104.954430	
2010	62	1600	62.666666667	03/03/2010 16:00	03/03/2010 15:00	30.348	0.43134	0.389	16.5	0.425	13.6	44.8047	104.9015396	104.901424	0.303480	104.964050	
2010	62	1700	62.708333333	03/03/2010 17:00	03/03/2010 16:00	30.025	0.42675	0.389	16.5	0.425	13.6	44.8152	104.8983171	104.898202	0.300250	104.960820	
2010	62	1800	62.750000000	03/03/2010 18:00	03/03/2010 17:00	30.199	0.42923	0.389	16.5	0.425	13.43	44.8095	104.9000531	104.899938	0.301990	104.962560	
2010	62	1900	62.791666667	03/03/2010 19:00	03/03/2010 18:00	30.034	0.42688	0.389	16.51	0.425	13.33	44.8149	104.8984069	104.898292	0.300340	104.960910	
2010	62	2000	62.833333333	03/03/2010 20:00	03/03/2010 19:00	30.175	0.42888	0.389	16.49	0.425	13.27	44.8103	104.8998136	104.899698	0.301750	104.962320	
2010	62	2100	62.875000000	03/03/2010 21:00	03/03/2010 20:00	29.864	0.42446	0.389	16.49	0.425	13.2	44.8205	104.8967109	104.896596	0.298640	104.959210	
2010	62	2200	62.916666667	03/03/2010 22:00	03/03/2010 21:00	29.984	0.42617	0.389	16.48	0.425	13.15	44.8166	104.8979081	104.897793	0.299840	104.960410	
2010	62	2300	62.958333333	03/03/2010 23:00	03/03/2010 22:00	29.876	0.42463	0.389	16.48	0.425	13.1	44.8201	104.8968306	104.896715	0.298760	104.959330	
2010	62	2400	63.000000000	03/04/2010 0:00	03/03/2010 23:00	29.976	0.42606	0.389	16.51	0.425	13.06	44.8168	104.8978283	104.897713	0.299760	104.960330	
2010	63	100	63.041666667	03/04/2010 1:00	03/04/2010 0:00	30.213	0.42942	0.389	16.51	0.425	13.02	44.8091	104.9001927	104.900077	0.302130	104.962700	
2010	63	200	63.083333333	03/04/2010 2:00	03/04/2010 1:00	30.755	0.43713	0.389	16.5	0.425	12.98	44.7913	104.9056001	104.905485	0.307550	104.968120	
2010	63	300	63.125000000	03/04/2010 3:00	03/04/2010 2:00	31.34	0.44544	0.388	16.5	0.425	12.95	44.7722	104.9114364	104.911321	0.313400	104.973970	
2010	63	400	63.166666667	03/04/2010 4:00	03/04/2010 3:00	32.021	0.45512	0.389	16.49	0.425	12.92	44.7499	104.9182304	104.918115	0.320210	104.980780	
2010	63	500	63.208333333	03/04/2010 5:00	03/04/2010 4:00	32.586	0.46315	0.388	16.49	0.425	12.89	44.7314	104.9238672	104.923752	0.325860	104.986430	
2010	63	600	63.250000000	03/04/2010 6:00	03/04/2010 5:00	33.114	0.47066	0.388	16.5	0.425	12.87	44.7141	104.9291349	104.929020	0.331140	104.991710	
2010	63	700	63.291666667	03/04/2010 7:00	03/04/2010 6:00	33.226	0.47225	0.389	16.5	0.425	12.86	44.7105	104.9302522	104.930137	0.332260	104.992830	
2010	63	800	63.333333333	03/04/2010 8:00	03/04/2010 7:00	33.187	0.47169	0.389	16.51	0.425	13.99	44.7117	104.9298632	104.929748	0.331870	104.992440	
2010	63	900	63.375000000	03/04/2010 9:00	03/04/2010 8:00	32.98	0.46875	0.389	16.49	0.425	13.93	44.7185	104.927798	104.927683	0.329800	104.990370	
2010	63	1000	63.416666667	03/04/2010 10:00	03/04/2010 9:00	33.506	0.47623	0.389	16.49	0.425	13.84	44.7013	104.9330457	104.932930	0.335060	104.995630	
2010	63	1100	63.458333333	03/04/2010 11:00	03/04/2010 10:00	32.749	0.46547	0.389	16.51	0.425	13.77	44.7261	104.9254934	104.925378	0.327490	104.988060	
2010	63	1200	63.500000000	03/04/2010 12:00	03/04/2010 11:00	33.883	0.48159	0.389	16.51	0.425	13.71	44.6890	104.9368069	104.936692	0.338830	104.999400	
2010	63	1300	63.541666667	03/04/2010 13:00	03/04/2010 12:00	33.169	0.47144	0.389	16.51	0.425	13.68	44.7123	104.9296836	104.929568	0.331690	104.992260	
2010	63	1400	63.583333333	03/04/2010 14:00	03/04/2010 13:00	32.435	0.46101	0.389	16.5	0.425	13.64	44.7363	104.9223607	104.922245	0.324350	104.984920	
2010	63	1500	63.625000000	03/04/2010 15:00	03/04/2010 14:00	32.537	0.46246	0.389	16.49	0.425	13.63	44.7330	104.9233784	104.923263	0.325370	104.985940	
2010	63	1600	63.666666667	03/04/2010 16:00	03/04/2010 15:00	32.702	0.46480	0.389	16.51	0.425	13.62	44.7276	104.9250245	104.924909	0.327020	104.987590	
2010	63	1700	63.708333333	03/04/2010 17:00	03/04/2010 16:00	33.639	0.47812	0.388	16.49	0.425	13.64	44.6969	104.9343726	104.934257	0.336390	104.996960	
2010	63	1800	63.750000000	03/04/2010 18:00	03/04/2010 17:00	34.142	0.48527	0.389	16.5	0.425	13.51	44.6805	104.9393908	104.939275	0.341420	105.001990	
2010	63	1900	63.791666667	03/04/2010 19:00	03/04/2010 18:00	34.24	0.48666	0.389	16.5	0.425	13.4	44.6773	104.9403685	104.940253	0.342400	105.002970	
2010	63	2000	63.833333333	03/04/2010 20:00	03/04/2010 19:00	34.334	0.48800	0.389	16.5	0.425	13.32	44.6742	104.9413063	104.941191	0.343340	105.003910	
2010	63	2100	63.875000000	03/04/2010 21:00	03/04/2010 20:00	34.444	0.48956	0.389	16.5	0.425	13.26	44.6706	104.9424037	104.942288	0.344440	105.005010	
2010	63	2200	63.916666667	03/04/2010 22:00	03/04/2010 21:00	34.606	0.49186	0.389	16.5	0.425	13.2	44.6653	104.94402	104.943905	0.346060	105.006630	
2010	63	2300	63.958333333	03/04/2010 23:00	03/04/2010 22:00	34.773	0.49424	0.389	16.5	0.425	13.15	44.6598	104.945686	104.945571	0.347730	105.008300	
2010	63	2400	64.000000000	03/05/2010 0:00	03/04/2010 23:00	34.933	0.49651	0.389	16.49	0.425	13.1	44.6546	104.9472823	104.947167	0.349330	105.009900	
2010	64	100	64.041666667	03/05/2010 1:00	03/05/2010 0:00	35.22	0.50059	0.389	16.5	0.425	13.06	44.6452	104.9501456	104.950030	0.352200	105.012770	
2010	64	200	64.083333333	03/05/2010 2:00	03/05/2010 1:00	35.569	0.50555	0.389	16.49	0.425	13.01	44.6338	104.9536274	104.953512	0.355690	105.016260	
2010	64	300	64.125000000	03/05/2010 3:00	03/05/2010 2:00	36.038	0.51222	0.388	16.49	0.425	12.98	44.6184	104.9583065	104.958191	0.360380	105.020950	
2010	64	400	64.166666667	03/05/2010 4:00	03/05/2010 3:00	36.685	0.52141	0.388	16.51	0.424	12.95	44.5972	104.9647613	104.964646	0.366850	105.027420	
2010	64	500	64.208333333	03/05/2010 5:00	03/05/2010 4:00	37.196	0.52868	0.388	16.51	0.424	12.91	44.5805	104.9698594	104.969744	0.371960	105.032530	
2010	64	600	64.250000000	03/05/2010 6:00	03/05/2010 5:00	37.709	0.53597	0.388	16.51	0.424	12.88	44.5637	104.9749774	104.974862	0.377090	105.037660	
2010	64	700	64.291666667	03/05/2010 7:00	03/05/2010 6:00	37.768	0.53681	0.388	16.51	0.424	12.95	44.5618	104.975566	104.975451	0.377680	105.038250	
2010	64	800	64.333333333	03/05/2010 8:00	03/05/2010 7:00	37.98	0.53982	0.388	16.49	0.424	14.06	44.5549	104.977681	104.977566	0.379800	105.040370	
2010	64	900	64.375000000	03/05/2010 9:00	03/05/2010 8:00	37.926	0.53905	0.388	16.52	0.424	14.02	44.5566	104.9771423	104.977027	0.379260	105.039830	
2010	64	1000	64.416666667	03/05/2010 10:00	03/05/2010 9:00	37.97	0.53968	0.388	16.52	0.424	13.93	44.5552	104.9775812	104.977466	0.379700	105.040270	
2010	64	1100	64.458333333	03/05/2010 11:00	03/05/2010 10:00	37.799	0.53725	0.389	16.5	0.425	13.84	44.5608	104.9758753	104.975760	0.377990	105.038560	
2010	64	1200	64.500000000	03/05/2010 12:00	03/05/2010 11:00	37.38	0.53129	0.389	16.5	0.425	13.78	44.5745	104.9716951	104.971580	0.373800	105.034370	
2010	64	1300	64.541666667	03/05/2010 13:00	03/05/2010 12:00	37.862	0.53814	0.389	16.5	0.426	13.73	44.5587	104.9765038	104.976388	0.378620	105.039190	
2010	64	1400	64.583333333	03/05/2010 14:00	03/05/2010 13:00	37.641	0.53500	0.39	16.49	0.426	13.7	44.5659	104.9742989	104.974184	0.376410	105.036980	
2010	64	1500	64.625000000	03/05/2010 15:00	03/05/2010 14:00	37.634	0.53490	0.389	16.51	0.426	13.67	44.5662	104.9742291	104.974114	0.376340	105.036910	
2010	64	1600	64.666666667	03/05/2010 16:00	03/05/2010 15:00	37.734	0.53632	0.389	16.51	0.425	13.66	44.5629	104.9752268	104.975111	0.377340	105.037910	
2010	64	1700	64.708333333	03/05/2010 17:00	03/05/2010 16:00	37.912	0.53885	0.389	16.5	0.425	13.68	44.5571	104.9770026	104.976887	0.379120	105.039690	
2010	64	1800	64.750000000	03/05/2010 18:00	03/05/2010 17:00	38.145	0.54216	0.389	16.49	0.425	13.51	44.5495	104.9793272	104.979212	0.381450	105.042020	
2010	64	1900	64.791666667	03/05/2010 19:00	03/05/2010 18:00	38.151	0.54225	0.389	16.49	0.425	13.41	44.5493	104.979387	104.979272	0.381510	105.042080	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	64	2000	64.833333333	03/05/2010 20:00	03/05/2010 19:00	38.022	0.54042	0.389	16.51	0.425	13.33	44.5535	104.9781	104.977985	0.380220	105.040790	
2010	64	2100	64.875000000	03/05/2010 21:00	03/05/2010 20:00	38.129	0.54194	0.389	16.5	0.425	13.28	44.5500	104.9791675	104.979052	0.381290	105.041860	
2010	64	2200	64.916666667	03/05/2010 22:00	03/05/2010 21:00	37.938	0.53922	0.389	16.5	0.425	13.22	44.5562	104.977262	104.977147	0.379380	105.039950	
2010	64	2300	64.958333333	03/05/2010 23:00	03/05/2010 22:00	37.775	0.53690	0.389	16.5	0.425	13.17	44.5616	104.9756358	104.975520	0.377750	105.038320	
2010	64	2400	65.000000000	03/06/2010 0:00	03/05/2010 23:00	37.707	0.53594	0.389	16.51	0.425	13.12	44.5638	104.9749574	104.974842	0.377070	105.037640	
2010	65	100	65.041666667	03/06/2010 1:00	03/06/2010 0:00	37.695	0.53577	0.388	16.5	0.425	13.08	44.5642	104.9748377	104.974722	0.376950	105.037520	
2010	65	200	65.083333333	03/06/2010 2:00	03/06/2010 1:00	37.676	0.53550	0.389	16.5	0.425	13.03	44.5648	104.9746481	104.974533	0.376760	105.037330	
2010	65	300	65.125000000	03/06/2010 3:00	03/06/2010 2:00	37.86	0.53811	0.388	16.5	0.425	12.99	44.5588	104.9764838	104.976368	0.378600	105.039170	
2010	65	400	65.166666667	03/06/2010 4:00	03/06/2010 3:00	37.933	0.53915	0.389	16.49	0.425	12.95	44.5564	104.9772121	104.977097	0.379330	105.039900	
2010	65	500	65.208333333	03/06/2010 5:00	03/06/2010 4:00	38.004	0.54016	0.389	16.49	0.425	12.91	44.5541	104.9779205	104.977805	0.380040	105.040610	
2010	65	600	65.250000000	03/06/2010 6:00	03/06/2010 5:00	37.994	0.54002	0.389	16.49	0.425	12.88	44.5544	104.9778207	104.977705	0.379940	105.040510	
2010	65	700	65.291666667	03/06/2010 7:00	03/06/2010 6:00	37.714	0.53604	0.388	16.49	0.425	12.86	44.5636	104.9750272	104.974912	0.377140	105.037710	
2010	65	800	65.333333333	03/06/2010 8:00	03/06/2010 7:00	37.24	0.52930	0.389	16.49	0.425	14.05	44.5791	104.9702983	104.970183	0.372400	105.032970	
2010	65	900	65.375000000	03/06/2010 9:00	03/06/2010 8:00	36.939	0.52502	0.389	16.5	0.425	14.01	44.5889	104.9672954	104.967180	0.369390	105.029960	
2010	65	1000	65.416666667	03/06/2010 10:00	03/06/2010 9:00	36.969	0.52545	0.389	16.51	0.425	13.93	44.5879	104.9675947	104.967479	0.369690	105.030260	
2010	65	1100	65.458333333	03/06/2010 11:00	03/06/2010 10:00	36.341	0.51652	0.39	16.5	0.426	13.84	44.6085	104.9613294	104.961214	0.363410	105.023980	
2010	65	1200	65.500000000	03/06/2010 12:00	03/06/2010 11:00	36.076	0.51276	0.39	16.5	0.426	13.76	44.6172	104.9586856	104.958570	0.360760	105.021330	
2010	65	1300	65.541666667	03/06/2010 13:00	03/06/2010 12:00	35.873	0.50987	0.389	16.52	0.425	13.72	44.6238	104.9566603	104.956545	0.358730	105.019300	
2010	65	1400	65.583333333	03/06/2010 14:00	03/06/2010 13:00	36.006	0.51176	0.388	16.51	0.424	13.66	44.6195	104.9579872	104.957872	0.360060	105.020630	
2010	65	1500	65.625000000	03/06/2010 15:00	03/06/2010 14:00	35.704	0.50747	0.389	16.5	0.425	13.62	44.6293	104.9549743	104.954859	0.357040	105.017610	
2010	65	1600	65.666666667	03/06/2010 16:00	03/06/2010 15:00	35.241	0.50089	0.389	16.5	0.425	13.61	44.6445	104.9503551	104.950240	0.352410	105.012980	
2010	65	1700	65.708333333	03/06/2010 17:00	03/06/2010 16:00	35.782	0.50858	0.389	16.49	0.425	13.63	44.6268	104.9557524	104.955637	0.357820	105.018390	
2010	65	1800	65.750000000	03/06/2010 18:00	03/06/2010 17:00	36.237	0.51504	0.389	16.51	0.425	13.5	44.6119	104.9602918	104.960176	0.362370	105.022940	
2010	65	1900	65.791666667	03/06/2010 19:00	03/06/2010 18:00	36.14	0.51367	0.389	16.49	0.425	13.39	44.6151	104.9593241	104.959209	0.361400	105.021970	
2010	65	2000	65.833333333	03/06/2010 20:00	03/06/2010 19:00	36.573	0.51982	0.39	16.5	0.426	13.31	44.6009	104.9636439	104.963529	0.365730	105.026300	
2010	65	2100	65.875000000	03/06/2010 21:00	03/06/2010 20:00	36.644	0.52083	0.39	16.49	0.426	13.26	44.5986	104.9643523	104.964237	0.366440	105.027010	
2010	65	2200	65.916666667	03/06/2010 22:00	03/06/2010 21:00	36.523	0.51911	0.39	16.5	0.426	13.2	44.6025	104.9631451	104.963030	0.365230	105.025800	
2010	65	2300	65.958333333	03/06/2010 23:00	03/06/2010 22:00	36.659	0.52104	0.39	16.5	0.426	13.15	44.5981	104.9645019	104.964387	0.366590	105.027160	
2010	65	2400	66.000000000	03/07/2010 0:00	03/06/2010 23:00	36.633	0.52067	0.39	16.5	0.426	13.1	44.5989	104.9642425	104.964127	0.366330	105.026900	
2010	66	100	66.041666667	03/07/2010 1:00	03/07/2010 0:00	36.603	0.52025	0.39	16.51	0.426	13.06	44.5999	104.9639432	104.963828	0.366030	105.026600	
2010	66	200	66.083333333	03/07/2010 2:00	03/07/2010 1:00	36.562	0.51966	0.39	16.5	0.426	13.01	44.6013	104.9635342	104.963419	0.365620	105.026190	
2010	66	300	66.125000000	03/07/2010 3:00	03/07/2010 2:00	36.557	0.51959	0.39	16.51	0.426	12.97	44.6014	104.9634843	104.963369	0.365570	105.026140	
2010	66	400	66.166666667	03/07/2010 4:00	03/07/2010 3:00	36.534	0.51927	0.39	16.48	0.426	12.93	44.6022	104.9632548	104.963139	0.365340	105.025910	
2010	66	500	66.208333333	03/07/2010 5:00	03/07/2010 4:00	36.393	0.51726	0.39	16.5	0.426	12.9	44.6068	104.9618481	104.961733	0.363930	105.024500	
2010	66	600	66.250000000	03/07/2010 6:00	03/07/2010 5:00	36.231	0.51496	0.39	16.49	0.426	12.87	44.6121	104.9602319	104.960117	0.362310	105.022880	
2010	66	700	66.291666667	03/07/2010 7:00	03/07/2010 6:00	35.624	0.50633	0.39	16.48	0.426	12.9	44.6320	104.9541761	104.954061	0.356240	105.016810	
2010	66	800	66.333333333	03/07/2010 8:00	03/07/2010 7:00	35.373	0.50276	0.39	16.48	0.427	14.05	44.6402	104.951672	104.951557	0.353730	105.014300	
2010	66	900	66.375000000	03/07/2010 9:00	03/07/2010 8:00	34.905	0.49611	0.39	16.51	0.427	14	44.6555	104.947003	104.946888	0.349050	105.009620	
2010	66	1000	66.416666667	03/07/2010 10:00	03/07/2010 9:00	34.724	0.49354	0.39	16.5	0.427	13.91	44.6614	104.9451972	104.945082	0.347240	105.007810	
2010	66	1100	66.458333333	03/07/2010 11:00	03/07/2010 10:00	34.117	0.48491	0.39	16.49	0.427	13.8	44.6813	104.9391414	104.939026	0.341170	105.001740	
2010	66	1200	66.500000000	03/07/2010 12:00	03/07/2010 11:00	33.818	0.48066	0.39	16.5	0.427	13.72	44.6911	104.9361584	104.936043	0.338180	104.998750	
2010	66	1300	66.541666667	03/07/2010 13:00	03/07/2010 12:00	33.513	0.47633	0.39	16.49	0.426	13.68	44.7011	104.9331155	104.933000	0.335130	104.995700	
2010	66	1400	66.583333333	03/07/2010 14:00	03/07/2010 13:00	33.62	0.47785	0.39	16.5	0.426	13.65	44.6976	104.934183	104.934068	0.336200	104.996770	
2010	66	1500	66.625000000	03/07/2010 15:00	03/07/2010 14:00	33.171	0.47147	0.39	16.51	0.426	13.62	44.7123	104.9297035	104.929588	0.331710	104.992280	
2010	66	1600	66.666666667	03/07/2010 16:00	03/07/2010 15:00	33.015	0.46925	0.39	16.5	0.426	13.6	44.7174	104.9281472	104.928032	0.330150	104.990720	
2010	66	1700	66.708333333	03/07/2010 17:00	03/07/2010 16:00	33.189	0.47172	0.39	16.5	0.426	13.62	44.7117	104.9298831	104.929768	0.331890	104.992460	
2010	66	1800	66.750000000	03/07/2010 18:00	03/07/2010 17:00	33.173	0.47150	0.39	16.5	0.426	13.49	44.7122	104.9297235	104.929608	0.331730	104.992300	
2010	66	1900	66.791666667	03/07/2010 19:00	03/07/2010 18:00	33.023	0.46936	0.39	16.5	0.426	13.38	44.7171	104.928227	104.928112	0.330230	104.990800	
2010	66	2000	66.833333333	03/07/2010 20:00	03/07/2010 19:00	32.613	0.46354	0.389	16.49	0.426	13.3	44.7305	104.9241366	104.924021	0.326130	104.986700	
2010	66	2100	66.875000000	03/07/2010 21:00	03/07/2010 20:00	32.704	0.46483	0.389	16.49	0.426	13.24	44.7275	104.9250445	104.924929	0.327040	104.987610	
2010	66	2200	66.916666667	03/07/2010 22:00	03/07/2010 21:00	32.389	0.46035	0.389	16.49	0.425	13.18	44.7379	104.9219018	104.921786	0.323890	104.984460	
2010	66	2300	66.958333333	03/07/2010 23:00	03/07/2010 22:00	31.968	0.45437	0.389	16.5	0.425	13.12	44.7516	104.9177017	104.917586	0.319680	104.980250	
2010	66	2400	67.000000000	03/08/2010 0:00	03/07/2010 23:00	31.687	0.45037	0.389	16.48	0.425	13.08	44.7608	104.9148982	104.914783	0.316870	104.977440	
2010	67	100	67.041666667	03/08/2010 1:00	03/08/2010 0:00	31.496	0.44766	0.388	16.5	0.424	13.05	44.7671	104.9129927	104.912877	0.314960	104.975530	
2010	67	200	67.083333333	03/08/2010 2:00	03/08/2010 1:00	31.356	0.44567	0.388	16.5	0.424	13	44.7717	104.911596	104.911481	0.313560	104.974130	
2010	67	300	67.125000000	03/08/2010 3:00	03/08/2010 2:00	31.193	0.44335	0.388	16.51	0.424	12.96	44.7770	104.9099698	104.909854	0.311930	104.972500	
2010	67	400	67.166666667	03/08/2010 4:00	03/08/2010 3:00	30.985	0.44040	0.389	16.49	0.425	12.93	44.7838	104.9078947	104.907779	0.309850	104.970420	
2010	67	500	67.208333333	03/08/2010 5:00	03/08/2010 4:00	30.752	0.43709	0.388	16.5	0.425	12.9	44.7914	104.9055701	104.905455	0.307520	104.968090	
2010	67	600	67.250000000	03/08/2010 6:00	03/08/2010 5:00	30.518	0.43376	0.388	16.51	0.424	12.88	44.7991	104.9032356	104.903120	0.305180	104.965750	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	67	700	67.291666667	03/08/2010 7:00	03/08/2010 6:00	30.377	0.43176	0.388	16.51	0.424	12.85	44.8037	104.9018289	104.901714	0.303770	104.964340	
2010	67	800	67.333333333	03/08/2010 8:00	03/08/2010 7:00	30.001	0.42641	0.389	16.5	0.425	12.85	44.8160	104.8980777	104.897962	0.300010	104.960580	
2010	67	900	67.375000000	03/08/2010 9:00	03/08/2010 8:00	29.763	0.42303	0.388	16.51	0.424	13.87	44.8238	104.8957033	104.895588	0.297630	104.958200	
2010	67	1000	67.416666667	03/08/2010 10:00	03/08/2010 9:00	29.719	0.42240	0.389	16.51	0.425	13.84	44.8252	104.8952643	104.895149	0.297190	104.957760	
2010	67	1100	67.458333333	03/08/2010 11:00	03/08/2010 10:00	29.418	0.41812	0.388	16.51	0.424	13.8	44.8351	104.8922613	104.892146	0.294180	104.954750	
2010	67	1200	67.500000000	03/08/2010 12:00	03/08/2010 11:00	28.905	0.41083	0.388	16.49	0.424	13.75	44.8519	104.8871433	104.887028	0.289050	104.949620	
2010	67	1300	67.541666667	03/08/2010 13:00	03/08/2010 12:00	28.488	0.40491	0.388	16.52	0.424	13.72	44.8655	104.8829831	104.882868	0.284880	104.945450	
2010	67	1400	67.583333333	03/08/2010 14:00	03/08/2010 13:00	28.671	0.40751	0.388	16.52	0.424	13.72	44.8596	104.8848088	104.884693	0.286710	104.947280	
2010	67	1500	67.625000000	03/08/2010 15:00	03/08/2010 14:00	28.587	0.40631	0.388	16.5	0.424	13.7	44.8623	104.8839708	104.883855	0.285870	104.946440	
2010	67	1600	67.666666667	03/08/2010 16:00	03/08/2010 15:00	28.928	0.41116	0.388	16.51	0.424	13.72	44.8511	104.8873728	104.887257	0.289280	104.949850	
2010	67	1700	67.708333333	03/08/2010 17:00	03/08/2010 16:00	28.273	0.40185	0.388	16.5	0.424	13.74	44.8726	104.8808381	104.880723	0.282730	104.943300	
2010	67	1800	67.750000000	03/08/2010 18:00	03/08/2010 17:00	28.141	0.39997	0.388	16.52	0.424	13.63	44.8769	104.8795212	104.879406	0.281410	104.941980	
2010	67	1900	67.791666667	03/08/2010 19:00	03/08/2010 18:00	28.01	0.39811	0.388	16.51	0.424	13.5	44.8812	104.8782143	104.878099	0.280100	104.940670	
2010	67	2000	67.833333333	03/08/2010 20:00	03/08/2010 19:00	27.633	0.39275	0.388	16.51	0.424	13.42	44.8935	104.8744531	104.874338	0.276330	104.936900	
2010	67	2100	67.875000000	03/08/2010 21:00	03/08/2010 20:00	27.653	0.39304	0.388	16.49	0.424	13.36	44.8929	104.8746526	104.874537	0.276530	104.937100	
2010	67	2200	67.916666667	03/08/2010 22:00	03/08/2010 21:00	27.295	0.38795	0.388	16.5	0.424	13.29	44.9046	104.871081	104.870966	0.272950	104.933520	
2010	67	2300	67.958333333	03/08/2010 23:00	03/08/2010 22:00	27.124	0.38552	0.388	16.5	0.424	13.24	44.9102	104.869375	104.869260	0.271240	104.931810	
2010	67	2400	68.000000000	03/09/2010 0:00	03/08/2010 23:00	26.955	0.38312	0.388	16.51	0.424	13.19	44.9157	104.867689	104.867574	0.269550	104.930120	
2010	68	100	68.041666667	03/09/2010 1:00	03/09/2010 0:00	26.863	0.38181	0.388	16.49	0.424	13.14	44.9187	104.8667711	104.866656	0.268630	104.929200	
2010	68	200	68.083333333	03/09/2010 2:00	03/09/2010 1:00	26.687	0.37931	0.388	16.49	0.424	13.09	44.9245	104.8650152	104.864900	0.266870	104.927440	
2010	68	300	68.125000000	03/09/2010 3:00	03/09/2010 2:00	26.558	0.37747	0.388	16.49	0.424	13.04	44.9287	104.8637282	104.863613	0.265580	104.926150	
2010	68	400	68.166666667	03/09/2010 4:00	03/09/2010 3:00	26.386	0.37503	0.388	16.51	0.424	13	44.9343	104.8620123	104.861897	0.263860	104.924430	
2010	68	500	68.208333333	03/09/2010 5:00	03/09/2010 4:00	26.351	0.37453	0.388	16.5	0.424	12.96	44.9355	104.8616631	104.861548	0.263510	104.924080	
2010	68	600	68.250000000	03/09/2010 6:00	03/09/2010 5:00	26.175	0.37203	0.388	16.51	0.424	12.93	44.9412	104.8599072	104.859792	0.261750	104.922320	
2010	68	700	68.291666667	03/09/2010 7:00	03/09/2010 6:00	25.706	0.36537	0.388	16.51	0.424	12.94	44.9566	104.8552282	104.855113	0.257060	104.917630	
2010	68	800	68.333333333	03/09/2010 8:00	03/09/2010 7:00	25.374	0.36065	0.388	16.5	0.424	14.07	44.9675	104.8519159	104.851801	0.253740	104.914310	
2010	68	900	68.375000000	03/09/2010 9:00	03/09/2010 8:00	25.065	0.35625	0.388	16.51	0.424	14.02	44.9776	104.8488332	104.848718	0.250650	104.911220	
2010	68	1000	68.416666667	03/09/2010 10:00	03/09/2010 9:00	25.041	0.35591	0.388	16.52	0.424	13.94	44.9784	104.8485937	104.848478	0.250410	104.910980	
2010	68	1100	68.458333333	03/09/2010 11:00	03/09/2010 10:00	24.445	0.34744	0.388	16.5	0.424	13.89	44.9979	104.8426477	104.842532	0.244450	104.905020	
2010	68	1200	68.500000000	03/09/2010 12:00	03/09/2010 11:00	24.47	0.34780	0.388	16.5	0.424	13.84	44.9971	104.8428971	104.842782	0.244700	104.905270	
2010	68	1300	68.541666667	03/09/2010 13:00	03/09/2010 12:00	24.056	0.34191	0.388	16.52	0.424	13.83	45.0106	104.8387668	104.838651	0.240560	104.901130	
2010	68	1400	68.583333333	03/09/2010 14:00	03/09/2010 13:00	23.735	0.33735	0.388	16.51	0.424	13.82	45.0211	104.8355643	104.835449	0.237350	104.897920	
2010	68	1500	68.625000000	03/09/2010 15:00	03/09/2010 14:00	23.454	0.33336	0.388	16.5	0.424	13.83	45.0303	104.8327609	104.832646	0.234540	104.895110	
2010	68	1600	68.666666667	03/09/2010 16:00	03/09/2010 15:00	23.141	0.32891	0.388	16.52	0.424	13.85	45.0406	104.8296382	104.829523	0.231410	104.891980	
2010	68	1700	68.708333333	03/09/2010 17:00	03/09/2010 16:00	22.79	0.32392	0.388	16.5	0.424	13.86	45.0520	104.8261364	104.826021	0.227900	104.888470	
2010	68	1800	68.750000000	03/09/2010 18:00	03/09/2010 17:00	22.767	0.32359	0.388	16.49	0.424	13.69	45.0528	104.8259069	104.825792	0.227670	104.888240	
2010	68	1900	68.791666667	03/09/2010 19:00	03/09/2010 18:00	22.308	0.31707	0.388	16.52	0.424	13.57	45.0678	104.8213277	104.821212	0.223080	104.883650	
2010	68	2000	68.833333333	03/09/2010 20:00	03/09/2010 19:00	22.052	0.31343	0.388	16.51	0.424	13.49	45.0762	104.8187737	104.818658	0.220520	104.881090	
2010	68	2100	68.875000000	03/09/2010 21:00	03/09/2010 20:00	21.648	0.30769	0.388	16.5	0.424	13.42	45.0894	104.8147431	104.814628	0.216480	104.877050	
2010	68	2200	68.916666667	03/09/2010 22:00	03/09/2010 21:00	21.484	0.30536	0.388	16.52	0.424	13.36	45.0948	104.813107	104.812992	0.214840	104.875410	
2010	68	2300	68.958333333	03/09/2010 23:00	03/09/2010 22:00	21.028	0.29888	0.388	16.52	0.424	13.31	45.1097	104.8085576	104.808442	0.210280	104.870850	
2010	68	2400	69.000000000	03/10/2010 0:00	03/09/2010 23:00	20.857	0.29645	0.388	16.5	0.424	13.25	45.1153	104.8068516	104.806736	0.208570	104.869140	
2010	69	100	69.041666667	03/10/2010 1:00	03/10/2010 0:00	20.506	0.29146	0.388	16.49	0.424	13.2	45.1268	104.8033498	104.803234	0.205060	104.865630	
2010	69	200	69.083333333	03/10/2010 2:00	03/10/2010 1:00	20.261	0.28797	0.388	16.5	0.424	13.14	45.1348	104.8009056	104.800790	0.202610	104.863180	
2010	69	300	69.125000000	03/10/2010 3:00	03/10/2010 2:00	20.108	0.28580	0.388	16.5	0.424	13.1	45.1398	104.7993792	104.799264	0.201080	104.861650	
2010	69	400	69.166666667	03/10/2010 4:00	03/10/2010 3:00	19.848	0.28210	0.388	16.51	0.424	13.06	45.1483	104.7967852	104.796670	0.198480	104.859050	
2010	69	500	69.208333333	03/10/2010 5:00	03/10/2010 4:00	19.687	0.27982	0.388	16.49	0.424	13.01	45.1536	104.795179	104.795064	0.196870	104.857440	
2010	69	600	69.250000000	03/10/2010 6:00	03/10/2010 5:00	19.508	0.27727	0.388	16.5	0.424	12.98	45.1595	104.7933932	104.793278	0.195080	104.855650	
2010	69	700	69.291666667	03/10/2010 7:00	03/10/2010 6:00	19.108	0.27159	0.388	16.51	0.424	13.27	45.1726	104.7894025	104.789287	0.191080	104.851650	
2010	69	800	69.333333333	03/10/2010 8:00	03/10/2010 7:00	18.39	0.26138	0.388	16.5	0.424	14.04	45.1961	104.7822393	104.782124	0.183900	104.844470	
2010	69	900	69.375000000	03/10/2010 9:00	03/10/2010 8:00	18.055	0.25662	0.388	16.51	0.424	14	45.2070	104.7788972	104.778782	0.180550	104.841120	
2010	69	1000	69.416666667	03/10/2010 10:00	03/10/2010 9:00	17.92	0.25470	0.388	16.51	0.424	13.92	45.2114	104.7775503	104.777435	0.179200	104.839770	
2010	69	1100	69.458333333	03/10/2010 11:00	03/10/2010 10:00	17.502	0.24876	0.388	16.52	0.424	13.84	45.2251	104.7733801	104.773265	0.175020	104.835590	
2010	69	1200	69.500000000	03/10/2010 12:00	03/10/2010 11:00	17.19	0.24433	0.388	16.52	0.424	13.79	45.2353	104.7702674	104.770152	0.171900	104.832470	
2010	69	1300	69.541666667	03/10/2010 13:00	03/10/2010 12:00	16.646	0.23659	0.388	16.51	0.424	13.76	45.2531	104.7648401	104.764725	0.166460	104.827030	
2010	69	1400	69.583333333	03/10/2010 14:00	03/10/2010 13:00	16.548	0.23520	0.388	16.53	0.424	13.74	45.2564	104.7638624	104.763747	0.165480	104.826050	
2010	69	1500	69.625000000	03/10/2010 15:00	03/10/2010 14:00	16.123	0.22916	0.388	16.5	0.424	13.73	45.2703	104.7596224	104.759507	0.161230	104.821800	
2010	69	1600	69.666666667	03/10/2010 16:00	03/10/2010 15:00	16.37	0.23267	0.388	16.5	0.424	13.72	45.2622	104.7620866	104.761971	0.163700	104.824270	
2010	69	1700	69.708333333	03/10/2010 17:00	03/10/2010 16:00	16.582	0.23568	0.388	16.51	0.424	13.76	45.2552	104.7642016	104.764086	0.165820	104.826390	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	69	1800	69.750000000	03/10/2010 18:00	03/10/2010 17:00	16.343	0.23229	0.388	16.5	0.424	13.63	45.2631	104.7618172	104.761702	0.163430	104.824000	
2010	69	1900	69.791666667	03/10/2010 19:00	03/10/2010 18:00	16.241	0.23084	0.388	16.5	0.424	13.51	45.2664	104.7607996	104.760684	0.162410	104.822980	
2010	69	2000	69.833333333	03/10/2010 20:00	03/10/2010 19:00	16.097	0.22879	0.388	16.51	0.424	13.43	45.2711	104.759363	104.759248	0.160970	104.821540	
2010	69	2100	69.875000000	03/10/2010 21:00	03/10/2010 20:00	15.981	0.22714	0.388	16.52	0.424	13.36	45.2749	104.7582057	104.758090	0.159810	104.820380	
2010	69	2200	69.916666667	03/10/2010 22:00	03/10/2010 21:00	15.889	0.22583	0.388	16.52	0.424	13.31	45.2779	104.7572879	104.757173	0.158890	104.819460	
2010	69	2300	69.958333333	03/10/2010 23:00	03/10/2010 22:00	15.752	0.22389	0.388	16.51	0.424	13.25	45.2824	104.7559211	104.755806	0.157520	104.818090	
2010	69	2400	70.000000000	03/11/2010 0:00	03/10/2010 23:00	15.752	0.22389	0.388	16.5	0.424	13.19	45.2824	104.7559211	104.755806	0.157520	104.818090	
2010	70	100	70.041666667	03/11/2010 1:00	03/11/2010 0:00	15.776	0.22423	0.388	16.5	0.424	13.15	45.2816	104.7561605	104.756045	0.157760	104.818330	
2010	70	200	70.083333333	03/11/2010 2:00	03/11/2010 1:00	15.893	0.22589	0.388	16.5	0.424	13.1	45.2778	104.7573278	104.757212	0.158930	104.819500	
2010	70	300	70.125000000	03/11/2010 3:00	03/11/2010 2:00	15.964	0.22690	0.388	16.51	0.424	13.06	45.2755	104.7580361	104.757921	0.159640	104.820210	
2010	70	400	70.166666667	03/11/2010 4:00	03/11/2010 3:00	16.022	0.22772	0.387	16.5	0.423	13.02	45.2736	104.7586147	104.758499	0.160220	104.820790	
2010	70	500	70.208333333	03/11/2010 5:00	03/11/2010 4:00	16.081	0.22856	0.387	16.51	0.423	12.98	45.2716	104.7592034	104.759088	0.160810	104.821380	
2010	70	600	70.250000000	03/11/2010 6:00	03/11/2010 5:00	16.093	0.22873	0.387	16.5	0.423	12.95	45.2712	104.7593231	104.759208	0.160930	104.821500	
2010	70	700	70.291666667	03/11/2010 7:00	03/11/2010 6:00	15.963	0.22689	0.387	16.51	0.423	12.91	45.2755	104.7580261	104.757911	0.159630	104.820200	
2010	70	800	70.333333333	03/11/2010 8:00	03/11/2010 7:00	15.799	0.22455	0.387	16.51	0.423	13.24	45.2809	104.75639	104.756275	0.157990	104.818560	
2010	70	900	70.375000000	03/11/2010 9:00	03/11/2010 8:00	15.572	0.22133	0.387	16.52	0.423	13.94	45.2883	104.7541253	104.754010	0.155720	104.816290	
2010	70	1000	70.416666667	03/11/2010 10:00	03/11/2010 9:00	15.323	0.21779	0.388	16.51	0.424	13.91	45.2965	104.7516411	104.751526	0.153230	104.813800	
2010	70	1100	70.458333333	03/11/2010 11:00	03/11/2010 10:00	15.093	0.21452	0.387	16.5	0.423	13.86	45.3040	104.7493465	104.749231	0.150930	104.811500	
2010	70	1200	70.500000000	03/11/2010 12:00	03/11/2010 11:00	15.08	0.21434	0.387	16.51	0.423	13.84	45.3044	104.7492168	104.749101	0.150800	104.811370	
2010	70	1300	70.541666667	03/11/2010 13:00	03/11/2010 12:00	14.784	0.21013	0.387	16.52	0.423	13.84	45.3141	104.7462637	104.746148	0.147840	104.808410	
2010	70	1400	70.583333333	03/11/2010 14:00	03/11/2010 13:00	14.726	0.20930	0.387	16.52	0.423	13.84	45.3160	104.7456851	104.745570	0.147260	104.807830	
2010	70	1500	70.625000000	03/11/2010 15:00	03/11/2010 14:00	14.503	0.20613	0.387	16.52	0.423	13.82	45.3233	104.7434603	104.743345	0.145030	104.805600	
2010	70	1600	70.666666667	03/11/2010 16:00	03/11/2010 15:00	14.432	0.20513	0.387	16.51	0.423	13.68	45.3256	104.7427519	104.742637	0.144320	104.804890	
2010	70	1700	70.708333333	03/11/2010 17:00	03/11/2010 16:00	14.455	0.20545	0.387	16.51	0.423	13.68	45.3249	104.7429814	104.742866	0.144550	104.805120	
2010	70	1800	70.750000000	03/11/2010 18:00	03/11/2010 17:00	14.302	0.20328	0.387	16.49	0.423	13.53	45.3299	104.741455	104.741340	0.143020	104.803590	
2010	70	1900	70.791666667	03/11/2010 19:00	03/11/2010 18:00	14.325	0.20360	0.387	16.51	0.423	13.44	45.3291	104.7416845	104.741569	0.143250	104.803820	
2010	70	2000	70.833333333	03/11/2010 20:00	03/11/2010 19:00	14.231	0.20227	0.388	16.5	0.424	13.36	45.3322	104.7407466	104.740631	0.142310	104.802880	
2010	70	2100	70.875000000	03/11/2010 21:00	03/11/2010 20:00	14.361	0.20412	0.388	16.51	0.424	13.29	45.3279	104.7420436	104.741928	0.143610	104.804180	
2010	70	2200	70.916666667	03/11/2010 22:00	03/11/2010 21:00	14.656	0.20831	0.388	16.51	0.424	13.23	45.3183	104.7449867	104.744871	0.146560	104.807130	
2010	70	2300	70.958333333	03/11/2010 23:00	03/11/2010 22:00	14.845	0.21100	0.387	16.5	0.423	13.17	45.3121	104.7468723	104.746757	0.148450	104.809020	
2010	70	2400	71.000000000	03/12/2010 0:00	03/11/2010 23:00	15.057	0.21401	0.387	16.51	0.423	13.12	45.3052	104.7489873	104.748872	0.150570	104.811140	
2010	71	100	71.041666667	03/12/2010 1:00	03/12/2010 0:00	15.174	0.21567	0.387	16.52	0.423	13.08	45.3013	104.7501546	104.750039	0.151740	104.812310	
2010	71	200	71.083333333	03/12/2010 2:00	03/12/2010 1:00	15.385	0.21867	0.387	16.49	0.423	13.03	45.2944	104.7522597	104.752144	0.153850	104.814420	
2010	71	300	71.125000000	03/12/2010 3:00	03/12/2010 2:00	15.608	0.22184	0.387	16.51	0.423	12.99	45.2871	104.7544844	104.754369	0.156080	104.816650	
2010	71	400	71.166666667	03/12/2010 4:00	03/12/2010 3:00	15.668	0.22269	0.387	16.49	0.423	12.95	45.2852	104.755083	104.754968	0.156680	104.817250	
2010	71	500	71.208333333	03/12/2010 5:00	03/12/2010 4:00	15.644	0.22235	0.387	16.51	0.423	12.93	45.2859	104.7548436	104.754728	0.156440	104.817010	
2010	71	600	71.250000000	03/12/2010 6:00	03/12/2010 5:00	15.807	0.22467	0.387	16.51	0.423	12.9	45.2806	104.7564698	104.756354	0.158070	104.818640	
2010	71	700	71.291666667	03/12/2010 7:00	03/12/2010 6:00	15.865	0.22549	0.387	16.51	0.423	12.9	45.2787	104.7570484	104.756933	0.158650	104.819220	
2010	71	800	71.333333333	03/12/2010 8:00	03/12/2010 7:00	16.001	0.22743	0.387	16.52	0.423	13.25	45.2743	104.7584052	104.758290	0.160010	104.820580	
2010	71	900	71.375000000	03/12/2010 9:00	03/12/2010 8:00	16.175	0.22990	0.387	16.52	0.423	13.73	45.2686	104.7601412	104.760026	0.161750	104.822320	
2010	71	1000	71.416666667	03/12/2010 10:00	03/12/2010 9:00	16.359	0.23251	0.387	16.49	0.423	13.69	45.2625	104.7619769	104.761862	0.163590	104.824160	
2010	71	1100	71.458333333	03/12/2010 11:00	03/12/2010 10:00	16.311	0.23183	0.387	16.51	0.423	13.67	45.2641	104.761498	104.761383	0.163110	104.823680	
2010	71	1200	71.500000000	03/12/2010 12:00	03/12/2010 11:00	16.566	0.23546	0.387	16.53	0.423	13.65	45.2558	104.764042	104.763927	0.165660	104.826230	
2010	71	1300	71.541666667	03/12/2010 13:00	03/12/2010 12:00	16.658	0.23676	0.387	16.52	0.423	13.63	45.2528	104.7649599	104.764845	0.166580	104.827150	
2010	71	1400	71.583333333	03/12/2010 14:00	03/12/2010 13:00	16.92	0.24049	0.387	16.52	0.423	13.68	45.2442	104.7675737	104.767458	0.169200	104.829770	
2010	71	1500	71.625000000	03/12/2010 15:00	03/12/2010 14:00	16.616	0.23617	0.387	16.53	0.423	13.61	45.2541	104.7645409	104.764426	0.166160	104.826730	
2010	71	1600	71.666666667	03/12/2010 16:00	03/12/2010 15:00	16.305	0.23175	0.387	16.51	0.423	13.46	45.2643	104.7614381	104.761323	0.163050	104.823620	
2010	71	1700	71.708333333	03/12/2010 17:00	03/12/2010 16:00	16.087	0.22865	0.387	16.52	0.423	13.38	45.2714	104.7592632	104.759148	0.160870	104.821440	
2010	71	1800	71.750000000	03/12/2010 18:00	03/12/2010 17:00	15.879	0.22569	0.387	16.5	0.423	13.31	45.2783	104.7571881	104.757073	0.158790	104.819360	
2010	71	1900	71.791666667	03/12/2010 19:00	03/12/2010 18:00	15.754	0.22392	0.387	16.5	0.423	13.25	45.2823	104.755941	104.755826	0.157540	104.818110	
2010	71	2000	71.833333333	03/12/2010 20:00	03/12/2010 19:00	15.684	0.22292	0.387	16.51	0.423	13.2	45.2846	104.7552427	104.755127	0.156840	104.817410	
2010	71	2100	71.875000000	03/12/2010 21:00	03/12/2010 20:00	15.475	0.21995	0.387	16.51	0.423	13.15	45.2915	104.7531575	104.753042	0.154750	104.815320	
2010	71	2200	71.916666667	03/12/2010 22:00	03/12/2010 21:00	15.324	0.21780	0.387	16.52	0.423	13.09	45.2964	104.7516511	104.751536	0.153240	104.813810	
2010	71	2300	71.958333333	03/12/2010 23:00	03/12/2010 22:00	15.077	0.21429	0.387	16.5	0.423	13.05	45.3045	104.7491869	104.749072	0.150770	104.811340	
2010	71	2400	72.000000000	03/13/2010 0:00	03/12/2010 23:00	14.854	0.21112	0.387	16.52	0.423	13.01	45.3118	104.7469621	104.746847	0.148540	104.809110	
2010	72	100	72.041666667	03/13/2010 1:00	03/13/2010 0:00	14.795	0.21028	0.387	16.53	0.423	12.97	45.3137	104.7463735	104.746258	0.147950	104.808520	
2010	72	200	72.083333333	03/13/2010 2:00	03/13/2010 1:00	14.949	0.21247	0.387	16.51	0.423	12.94	45.3087	104.7479099	104.747795	0.149490	104.810060	
2010	72	300	72.125000000	03/13/2010 3:00	03/13/2010 2:00	15.235	0.21654	0.387	16.51	0.423	12.9	45.2993	104.7507632	104.750648	0.152350	104.812920	
2010	72	400	72.166666667	03/13/2010 4:00	03/13/2010 3:00	15.259	0.21688	0.387	16.53	0.423	12.88	45.2985	104.7510026	104.750887	0.152590	104.813160	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	72	500	72.208333333	03/13/2010 5:00	03/13/2010 4:00	15.497	0.22026	0.387	16.52	0.423	12.85	45.2908	104.753377	104.753262	0.154970	104.815540	
2010	72	600	72.250000000	03/13/2010 6:00	03/13/2010 5:00	15.688	0.22298	0.387	16.51	0.423	12.83	45.2845	104.7552826	104.755167	0.156880	104.817450	
2010	72	700	72.291666667	03/13/2010 7:00	03/13/2010 6:00	15.488	0.22013	0.387	16.51	0.423	12.91	45.2911	104.7532872	104.753172	0.154880	104.815450	
2010	72	800	72.333333333	03/13/2010 8:00	03/13/2010 7:00	16	0.22741	0.387	16.51	0.423	13.97	45.2743	104.7583953	104.758280	0.160000	104.820570	
2010	72	900	72.375000000	03/13/2010 9:00	03/13/2010 8:00	15.795	0.22450	0.387	16.51	0.423	13.94	45.2810	104.7563501	104.756235	0.157950	104.818520	
2010	72	1000	72.416666667	03/13/2010 10:00	03/13/2010 9:00	15.427	0.21927	0.387	16.52	0.423	13.88	45.2930	104.7526787	104.752563	0.154270	104.814840	
2010	72	1100	72.458333333	03/13/2010 11:00	03/13/2010 10:00	15.397	0.21884	0.387	16.51	0.423	13.8	45.2940	104.7523794	104.752264	0.153970	104.814540	
2010	72	1200	72.500000000	03/13/2010 12:00	03/13/2010 11:00	16.588	0.23577	0.387	16.52	0.423	13.74	45.2550	104.7642615	104.764146	0.165880	104.826450	
2010	72	1300	72.541666667	03/13/2010 13:00	03/13/2010 12:00	14.694	0.20885	0.387	16.51	0.423	13.7	45.3170	104.7453658	104.745250	0.146940	104.807510	
2010	72	1400	72.583333333	03/13/2010 14:00	03/13/2010 13:00	14.798	0.21033	0.387	16.52	0.423	13.7	45.3136	104.7464034	104.746288	0.147980	104.808550	
2010	72	1500	72.625000000	03/13/2010 15:00	03/13/2010 14:00	15.639	0.22228	0.387	16.53	0.423	13.64	45.2861	104.7547937	104.754678	0.156390	104.816960	
2010	72	1600	72.666666667	03/13/2010 16:00	03/13/2010 15:00	15.695	0.22308	0.387	16.53	0.423	13.64	45.2843	104.7553524	104.755237	0.156950	104.817520	
2010	72	1700	72.708333333	03/13/2010 17:00	03/13/2010 16:00	15.37	0.21846	0.387	16.52	0.423	13.68	45.2949	104.75211	104.751995	0.153700	104.814270	
2010	72	1800	72.750000000	03/13/2010 18:00	03/13/2010 17:00	15.561	0.22117	0.387	16.52	0.423	13.54	45.2887	104.7540155	104.753900	0.155610	104.816180	
2010	72	1900	72.791666667	03/13/2010 19:00	03/13/2010 18:00	15.51	0.22045	0.387	16.49	0.423	13.42	45.2903	104.7535067	104.753391	0.155100	104.815670	
2010	72	2000	72.833333333	03/13/2010 20:00	03/13/2010 19:00	15.444	0.21951	0.387	16.49	0.423	13.35	45.2925	104.7528483	104.752733	0.154440	104.815010	
2010	72	2100	72.875000000	03/13/2010 21:00	03/13/2010 20:00	15.613	0.22191	0.387	16.51	0.423	13.29	45.2870	104.7545343	104.754419	0.156130	104.816700	
2010	72	2200	72.916666667	03/13/2010 22:00	03/13/2010 21:00	15.699	0.22313	0.387	16.52	0.423	13.23	45.2841	104.7553923	104.755277	0.156990	104.817560	
2010	72	2300	72.958333333	03/13/2010 23:00	03/13/2010 22:00	15.76	0.22400	0.387	16.52	0.423	13.17	45.2821	104.7560009	104.755886	0.157600	104.818170	
2010	72	2400	73.000000000	03/14/2010 0:00	03/13/2010 23:00	15.928	0.22639	0.387	16.52	0.423	13.13	45.2767	104.7576769	104.757562	0.159280	104.819850	
2010	73	100	73.041666667	03/14/2010 1:00	03/14/2010 0:00	16.034	0.22789	0.387	16.5	0.423	13.08	45.2732	104.7587345	104.758619	0.160340	104.820910	
2010	73	200	73.083333333	03/14/2010 2:00	03/14/2010 1:00	16.085	0.22862	0.387	16.51	0.423	13.04	45.2715	104.7592433	104.759128	0.160850	104.821420	
2010	73	300	73.125000000	03/14/2010 3:00	03/14/2010 2:00	16.191	0.23013	0.387	16.51	0.423	13	45.2680	104.7603008	104.760185	0.161910	104.822480	
2010	73	400	73.166666667	03/14/2010 4:00	03/14/2010 3:00	16.38	0.23281	0.387	16.51	0.423	12.95	45.2619	104.7621864	104.762071	0.163800	104.824370	
2010	73	500	73.208333333	03/14/2010 5:00	03/14/2010 4:00	16.381	0.23283	0.387	16.51	0.423	12.92	45.2618	104.7621963	104.762081	0.163810	104.824380	
2010	73	600	73.250000000	03/14/2010 6:00	03/14/2010 5:00	16.302	0.23170	0.387	16.52	0.423	12.88	45.2644	104.7614082	104.761293	0.163020	104.823590	
2010	73	700	73.291666667	03/14/2010 7:00	03/14/2010 6:00	15.785	0.22436	0.387	16.51	0.423	13.05	45.2813	104.7562503	104.756135	0.157850	104.818420	
2010	73	800	73.333333333	03/14/2010 8:00	03/14/2010 7:00	15.668	0.22269	0.387	16.52	0.423	14.07	45.2852	104.755083	104.754968	0.156680	104.817250	
2010	73	900	73.375000000	03/14/2010 9:00	03/14/2010 8:00	15.369	0.21844	0.387	16.52	0.423	14.01	45.2949	104.7521	104.751985	0.153690	104.814260	
2010	73	1000	73.416666667	03/14/2010 10:00	03/14/2010 9:00	15.666	0.22266	0.387	16.51	0.423	13.93	45.2852	104.7550631	104.754948	0.156660	104.817230	
2010	73	1100	73.458333333	03/14/2010 11:00	03/14/2010 10:00	15.201	0.21606	0.387	16.54	0.423	13.83	45.3004	104.750424	104.750309	0.152010	104.812580	
2010	73	1200	73.500000000	03/14/2010 12:00	03/14/2010 11:00	14.748	0.20962	0.387	16.52	0.423	13.78	45.3153	104.7459046	104.745789	0.147480	104.808050	
2010	73	1300	73.541666667	03/14/2010 13:00	03/14/2010 12:00	15.026	0.21357	0.387	16.52	0.423	13.74	45.3062	104.7486781	104.748563	0.150260	104.810830	
2010	73	1400	73.583333333	03/14/2010 14:00	03/14/2010 13:00	14.986	0.21300	0.387	16.54	0.423	13.72	45.3075	104.748279	104.748164	0.149860	104.810430	
2010	73	1500	73.625000000	03/14/2010 15:00	03/14/2010 14:00	14.728	0.20933	0.387	16.52	0.423	13.69	45.3159	104.745705	104.745590	0.147280	104.807850	
2010	73	1600	73.666666667	03/14/2010 16:00	03/14/2010 15:00	14.833	0.21082	0.387	16.51	0.423	13.68	45.3125	104.7467526	104.746637	0.148330	104.808900	
2010	73	1700	73.708333333	03/14/2010 17:00	03/14/2010 16:00	14.833	0.21082	0.387	16.52	0.423	13.72	45.3125	104.7467526	104.746637	0.148330	104.808900	
2010	73	1800	73.750000000	03/14/2010 18:00	03/14/2010 17:00	14.789	0.21020	0.387	16.53	0.423	13.53	45.3139	104.7463136	104.746198	0.147890	104.808460	
2010	73	1900	73.791666667	03/14/2010 19:00	03/14/2010 18:00	14.642	0.20811	0.387	16.5	0.423	13.42	45.3187	104.744847	104.744732	0.146420	104.806990	
2010	73	2000	73.833333333	03/14/2010 20:00	03/14/2010 19:00	14.481	0.20582	0.387	16.51	0.423	13.35	45.3240	104.7432408	104.743125	0.144810	104.805380	
2010	73	2100	73.875000000	03/14/2010 21:00	03/14/2010 20:00	14.451	0.20540	0.387	16.49	0.423	13.29	45.3250	104.7429415	104.742826	0.144510	104.805080	
2010	73	2200	73.916666667	03/14/2010 22:00	03/14/2010 21:00	14.22	0.20211	0.387	16.52	0.423	13.23	45.3326	104.7406369	104.740522	0.142200	104.802770	
2010	73	2300	73.958333333	03/14/2010 23:00	03/14/2010 22:00	13.927	0.19795	0.387	16.51	0.423	13.17	45.3421	104.7377138	104.737598	0.139270	104.799840	
2010	73	2400	74.000000000	03/15/2010 0:00	03/14/2010 23:00	13.743	0.19533	0.387	16.51	0.423	13.13	45.3482	104.7358781	104.735763	0.137430	104.798000	
2010	74	100	74.041666667	03/15/2010 1:00	03/15/2010 0:00	13.638	0.19384	0.387	16.52	0.423	13.08	45.3516	104.7348305	104.734715	0.136380	104.796950	
2010	74	200	74.083333333	03/15/2010 2:00	03/15/2010 1:00	13.357	0.18985	0.387	16.51	0.423	13.04	45.3608	104.7320271	104.731912	0.133570	104.794140	
2010	74	300	74.125000000	03/15/2010 3:00	03/15/2010 2:00	13.019	0.18504	0.387	16.51	0.423	13	45.3719	104.728655	104.728540	0.130190	104.790760	
2010	74	400	74.166666667	03/15/2010 4:00	03/15/2010 3:00	12.936	0.18386	0.387	16.52	0.423	12.96	45.3746	104.7278269	104.727712	0.129360	104.789930	
2010	74	500	74.208333333	03/15/2010 5:00	03/15/2010 4:00	12.711	0.18066	0.387	16.52	0.423	12.93	45.3819	104.7255822	104.725467	0.127110	104.787680	
2010	74	600	74.250000000	03/15/2010 6:00	03/15/2010 5:00	12.581	0.17882	0.387	16.52	0.423	12.89	45.3862	104.7242853	104.724170	0.125810	104.786380	
2010	74	700	74.291666667	03/15/2010 7:00	03/15/2010 6:00	11.949	0.16983	0.387	16.52	0.423	13.27	45.4069	104.71798	104.717865	0.119490	104.780060	
2010	74	800	74.333333333	03/15/2010 8:00	03/15/2010 7:00	11.547	0.16412	0.387	16.51	0.423	13.99	45.4200	104.7139694	104.713854	0.115470	104.776040	
2010	74	900	74.375000000	03/15/2010 9:00	03/15/2010 8:00	11.437	0.16256	0.387	16.53	0.423	13.92	45.4236	104.712872	104.712757	0.114370	104.774940	
2010	74	1000	74.416666667	03/15/2010 10:00	03/15/2010 9:00	11.175	0.15883	0.387	16.5	0.423	13.84	45.4322	104.7102581	104.710143	0.111750	104.772320	
2010	74	1100	74.458333333	03/15/2010 11:00	03/15/2010 10:00	10.912	0.15509	0.387	16.51	0.423	13.76	45.4408	104.7076343	104.707519	0.109120	104.769690	
2010	74	1200	74.500000000	03/15/2010 12:00	03/15/2010 11:00	10.638	0.15120	0.387	16.54	0.423	13.7	45.4498	104.7049007	104.704785	0.106380	104.766950	
2010	74	1300	74.541666667	03/15/2010 13:00	03/15/2010 12:00	10.494	0.14915	0.387	16.51	0.423	13.66	45.4545	104.7034641	104.703349	0.104940	104.765510	
2010	74	1400	74.583333333	03/15/2010 14:00	03/15/2010 13:00	10.55	0.14995	0.387	16.51	0.423	13.64	45.4527	104.7040228	104.703907	0.105500	104.766070	
2010	74	1500	74.625000000	03/15/2010 15:00	03/15/2010 14:00	10.526	0.14961	0.387	16.51	0.423	13.63	45.4535	104.7037833	104.703668	0.105260	104.765830	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	74	1600	74.666666667	03/15/2010 16:00	03/15/2010 15:00	10.362	0.14728	0.387	16.52	0.423	13.63	45.4588	104.7021472	104.702032	0.103620	104.764190	
2010	74	1700	74.708333333	03/15/2010 17:00	03/15/2010 16:00	10.269	0.14596	0.387	16.52	0.422	13.65	45.4619	104.7012193	104.701104	0.102690	104.763260	
2010	74	1800	74.750000000	03/15/2010 18:00	03/15/2010 17:00	10.294	0.14631	0.387	16.53	0.423	13.49	45.4611	104.7014688	104.701353	0.102940	104.763510	
2010	74	1900	74.791666667	03/15/2010 19:00	03/15/2010 18:00	10.12	0.14384	0.387	16.53	0.423	13.38	45.4668	104.6997328	104.699617	0.101200	104.761770	
2010	74	2000	74.833333333	03/15/2010 20:00	03/15/2010 19:00	10.076	0.14321	0.387	16.51	0.423	13.31	45.4682	104.6992939	104.699179	0.100760	104.761330	
2010	74	2100	74.875000000	03/15/2010 21:00	03/15/2010 20:00	9.9476	0.14139	0.387	16.5	0.423	13.23	45.4724	104.6980129	104.697898	0.099476	104.760046	
2010	74	2200	74.916666667	03/15/2010 22:00	03/15/2010 21:00	9.8193	0.13956	0.386	16.51	0.422	13.18	45.4766	104.6967329	104.696618	0.098193	104.758763	
2010	74	2300	74.958333333	03/15/2010 23:00	03/15/2010 22:00	9.7029	0.13791	0.387	16.53	0.422	13.12	45.4804	104.6955716	104.695456	0.097029	104.757599	
2010	74	2400	75.000000000	03/16/2010 0:00	03/15/2010 23:00	9.5754	0.13610	0.387	16.52	0.422	13.08	45.4846	104.6942996	104.694184	0.095754	104.756324	
2010	75	100	75.041666667	03/16/2010 1:00	03/16/2010 0:00	9.6376	0.13698	0.387	16.52	0.422	13.03	45.4825	104.6949201	104.694805	0.096376	104.756946	
2010	75	200	75.083333333	03/16/2010 2:00	03/16/2010 1:00	9.4757	0.13468	0.386	16.52	0.422	12.99	45.4878	104.6933049	104.693190	0.094757	104.755327	
2010	75	300	75.125000000	03/16/2010 3:00	03/16/2010 2:00	9.4887	0.13487	0.387	16.53	0.422	12.96	45.4874	104.6934346	104.693319	0.094887	104.755457	
2010	75	400	75.166666667	03/16/2010 4:00	03/16/2010 3:00	9.4677	0.13457	0.387	16.51	0.423	12.93	45.4881	104.6932251	104.693110	0.094677	104.755247	
2010	75	500	75.208333333	03/16/2010 5:00	03/16/2010 4:00	9.3739	0.13323	0.386	16.51	0.422	12.89	45.4912	104.6922893	104.692174	0.093739	104.754309	
2010	75	600	75.250000000	03/16/2010 6:00	03/16/2010 5:00	9.28	0.13190	0.386	16.53	0.422	12.86	45.4943	104.6913525	104.691237	0.092800	104.753370	
2010	75	700	75.291666667	03/16/2010 7:00	03/16/2010 6:00	9.045	0.12856	0.387	16.52	0.422	13.04	45.5019	104.689008	104.688893	0.090450	104.751020	
2010	75	800	75.333333333	03/16/2010 8:00	03/16/2010 7:00	8.528	0.12121	0.387	16.51	0.422	13.98	45.5189	104.6838501	104.683735	0.085280	104.745850	
2010	75	900	75.375000000	03/16/2010 9:00	03/16/2010 8:00	8.8892	0.12634	0.387	16.52	0.422	13.92	45.5070	104.6874536	104.687338	0.088892	104.749462	
2010	75	1000	75.416666667	03/16/2010 10:00	03/16/2010 9:00	8.1585	0.11596	0.386	16.51	0.422	13.83	45.5310	104.6801637	104.680048	0.081585	104.742155	
2010	75	1100	75.458333333	03/16/2010 11:00	03/16/2010 10:00	7.7192	0.10971	0.386	16.52	0.422	13.72	45.5453	104.675781	104.675666	0.077192	104.737762	
2010	75	1200	75.500000000	03/16/2010 12:00	03/16/2010 11:00	7.4922	0.10649	0.387	16.52	0.422	13.64	45.5528	104.6735163	104.673401	0.074922	104.735492	
2010	75	1300	75.541666667	03/16/2010 13:00	03/16/2010 12:00	7.1606	0.10178	0.386	16.53	0.422	13.58	45.5636	104.6702081	104.670093	0.071606	104.732176	
2010	75	1400	75.583333333	03/16/2010 14:00	03/16/2010 13:00	6.7829	0.09641	0.386	16.52	0.422	13.53	45.5760	104.6664399	104.666325	0.067829	104.728399	
2010	75	1500	75.625000000	03/16/2010 15:00	03/16/2010 14:00	7.2498	0.10304	0.386	16.53	0.422	13.47	45.5607	104.671098	104.670983	0.072498	104.733068	
2010	75	1600	75.666666667	03/16/2010 16:00	03/16/2010 15:00	6.9082	0.09819	0.386	16.52	0.422	13.45	45.5719	104.66769	104.667575	0.069082	104.729652	
2010	75	1700	75.708333333	03/16/2010 17:00	03/16/2010 16:00	7.342	0.10435	0.386	16.52	0.422	13.49	45.5577	104.6720178	104.671902	0.073420	104.733990	
2010	75	1800	75.750000000	03/16/2010 18:00	03/16/2010 17:00	7.6846	0.10922	0.387	16.52	0.422	13.38	45.5465	104.6754358	104.675320	0.076846	104.737416	
2010	75	1900	75.791666667	03/16/2010 19:00	03/16/2010 18:00	7.6645	0.10894	0.386	16.53	0.422	13.27	45.5471	104.6752353	104.675120	0.076645	104.737215	
2010	75	2000	75.833333333	03/16/2010 20:00	03/16/2010 19:00	7.2684	0.10331	0.387	16.53	0.422	13.19	45.5601	104.6712835	104.671168	0.072684	104.733254	
2010	75	2100	75.875000000	03/16/2010 21:00	03/16/2010 20:00	7.1526	0.10166	0.387	16.53	0.422	13.13	45.5639	104.6701283	104.670013	0.071526	104.732096	
2010	75	2200	75.916666667	03/16/2010 22:00	03/16/2010 21:00	7.2701	0.10333	0.387	16.52	0.422	13.08	45.5600	104.6713005	104.671185	0.072701	104.733271	
2010	75	2300	75.958333333	03/16/2010 23:00	03/16/2010 22:00	7.3661	0.10470	0.386	16.53	0.422	13.03	45.5569	104.6722583	104.672143	0.073661	104.734231	
2010	75	2400	76.000000000	03/17/2010 0:00	03/16/2010 23:00	7.0737	0.10054	0.386	16.53	0.422	12.99	45.5665	104.6693411	104.669226	0.070737	104.731307	
2010	76	100	76.041666667	03/17/2010 1:00	03/17/2010 0:00	7.1571	0.10173	0.386	16.52	0.422	12.96	45.5637	104.6701732	104.670058	0.071571	104.732141	
2010	76	200	76.083333333	03/17/2010 2:00	03/17/2010 1:00	7.4166	0.10541	0.386	16.52	0.422	12.92	45.5552	104.6727621	104.672647	0.074166	104.734736	
2010	76	300	76.125000000	03/17/2010 3:00	03/17/2010 2:00	7.4541	0.10595	0.386	16.52	0.422	12.9	45.5540	104.6731362	104.673021	0.074541	104.735111	
2010	76	400	76.166666667	03/17/2010 4:00	03/17/2010 3:00	7.573	0.10764	0.386	16.52	0.422	12.87	45.5501	104.6743224	104.674207	0.075730	104.736300	
2010	76	500	76.208333333	03/17/2010 5:00	03/17/2010 4:00	7.8084	0.11098	0.386	16.53	0.422	12.85	45.5424	104.6766709	104.676556	0.078084	104.738654	
2010	76	600	76.250000000	03/17/2010 6:00	03/17/2010 5:00	7.7147	0.10965	0.386	16.52	0.422	12.84	45.5455	104.6757361	104.675621	0.077147	104.737717	
2010	76	700	76.291666667	03/17/2010 7:00	03/17/2010 6:00	7.6218	0.10833	0.387	16.52	0.422	13.05	45.5485	104.6748093	104.674694	0.076218	104.736788	
2010	76	800	76.333333333	03/17/2010 8:00	03/17/2010 7:00	7.4803	0.10632	0.387	16.53	0.422	13.93	45.5532	104.6733976	104.673282	0.074803	104.735373	
2010	76	900	76.375000000	03/17/2010 9:00	03/17/2010 8:00	7.3378	0.10429	0.387	16.52	0.422	13.88	45.5578	104.6719759	104.671861	0.073378	104.733948	
2010	76	1000	76.416666667	03/17/2010 10:00	03/17/2010 9:00	7.1353	0.10142	0.386	16.53	0.422	13.8	45.5644	104.6699557	104.669840	0.071353	104.731923	
2010	76	1100	76.458333333	03/17/2010 11:00	03/17/2010 10:00	6.546	0.09304	0.386	16.53	0.422	13.73	45.5837	104.6640764	104.663961	0.065460	104.726030	
2010	76	1200	76.500000000	03/17/2010 12:00	03/17/2010 11:00	6.4262	0.09134	0.386	16.53	0.422	13.68	45.5877	104.6628813	104.662766	0.064262	104.724832	
2010	76	1300	76.541666667	03/17/2010 13:00	03/17/2010 12:00	6.4368	0.09149	0.386	16.52	0.422	13.67	45.5873	104.662987	104.662872	0.064368	104.724938	
2010	76	1400	76.583333333	03/17/2010 14:00	03/17/2010 13:00	6.3535	0.09030	0.386	16.54	0.422	13.63	45.5900	104.662156	104.662041	0.063535	104.724105	
2010	76	1500	76.625000000	03/17/2010 15:00	03/17/2010 14:00	6.552	0.09313	0.386	16.53	0.422	13.64	45.5835	104.6641363	104.664021	0.065520	104.726090	
2010	76	1600	76.666666667	03/17/2010 16:00	03/17/2010 15:00	6.3301	0.08997	0.386	16.54	0.422	13.63	45.5908	104.6619225	104.661807	0.063301	104.723871	
2010	76	1700	76.708333333	03/17/2010 17:00	03/17/2010 16:00	6.857	0.09746	0.386	16.52	0.422	13.63	45.5736	104.6671792	104.667064	0.068570	104.729140	
2010	76	1800	76.750000000	03/17/2010 18:00	03/17/2010 17:00	6.6704	0.09481	0.386	16.52	0.422	13.56	45.5797	104.6653175	104.665202	0.066704	104.727274	
2010	76	1900	76.791666667	03/17/2010 19:00	03/17/2010 18:00	6.5679	0.09335	0.386	16.52	0.422	13.42	45.5830	104.6642949	104.664180	0.065679	104.726249	
2010	76	2000	76.833333333	03/17/2010 20:00	03/17/2010 19:00	6.3711	0.09055	0.386	16.51	0.422	13.35	45.5895	104.6623315	104.662216	0.063711	104.724281	
2010	76	2100	76.875000000	03/17/2010 21:00	03/17/2010 20:00	6.3841	0.09074	0.386	16.52	0.422	13.28	45.5890	104.6624612	104.662346	0.063841	104.724411	
2010	76	2200	76.916666667	03/17/2010 22:00	03/17/2010 21:00	6.0575	0.08610	0.386	16.52	0.422	13.22	45.5997	104.6592029	104.659088	0.060575	104.721145	
2010	76	2300	76.958333333	03/17/2010 23:00	03/17/2010 22:00	5.9296	0.08428	0.386	16.5	0.422	13.17	45.6039	104.6579269	104.657812	0.059296	104.719866	
2010	76	2400	77.000000000	03/18/2010 0:00	03/17/2010 23:00	5.7419	0.08161	0.386	16.51	0.422	13.11	45.6101	104.6560543	104.655939	0.057419	104.717989	
2010	77	100	77.041666667	03/18/2010 1:00	03/18/2010 0:00	5.7072	0.08112	0.386	16.52	0.422	13.07	45.6112	104.6557081	104.655593	0.057072	104.717642	
2010	77	200	77.083333333	03/18/2010 2:00	03/18/2010 1:00	5.6254	0.07996	0.386	16.53	0.422	13.02	45.6139	104.654892	104.654777	0.056254	104.716824	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	77	300	77.125000000	03/18/2010 3:00	03/18/2010 2:00	5.4856	0.07797	0.386	16.52	0.422	12.98	45.6184	104.6534973	104.653382	0.054856	104.715426	
2010	77	400	77.166666667	03/18/2010 4:00	03/18/2010 3:00	5.4864	0.07798	0.386	16.52	0.422	12.95	45.6184	104.6535052	104.653390	0.054864	104.715434	
2010	77	500	77.208333333	03/18/2010 5:00	03/18/2010 4:00	5.2996	0.07532	0.386	16.52	0.422	12.91	45.6245	104.6516416	104.651526	0.052996	104.713566	
2010	77	600	77.250000000	03/18/2010 6:00	03/18/2010 5:00	5.0766	0.07215	0.386	16.51	0.422	12.88	45.6318	104.6494168	104.649301	0.050766	104.711336	
2010	77	700	77.291666667	03/18/2010 7:00	03/18/2010 6:00	4.5359	0.06447	0.386	16.52	0.422	13.06	45.6495	104.6440225	104.643907	0.045359	104.705929	
2010	77	800	77.333333333	03/18/2010 8:00	03/18/2010 7:00	4.3703	0.06212	0.386	16.54	0.422	13.98	45.6550	104.6423704	104.642255	0.043703	104.704273	
2010	77	900	77.375000000	03/18/2010 9:00	03/18/2010 8:00	4.0633	0.05775	0.386	16.53	0.422	13.93	45.6650	104.6393075	104.639192	0.040633	104.701203	
2010	77	1000	77.416666667	03/18/2010 10:00	03/18/2010 9:00	4.0855	0.05807	0.386	16.54	0.422	13.84	45.6643	104.639529	104.639414	0.040855	104.701425	
2010	77	1100	77.458333333	03/18/2010 11:00	03/18/2010 10:00	3.5906	0.05103	0.386	16.54	0.422	13.77	45.6805	104.6345916	104.634476	0.035906	104.696476	
2010	77	1200	77.500000000	03/18/2010 12:00	03/18/2010 11:00	3.3782	0.04802	0.386	16.54	0.422	13.72	45.6874	104.6324726	104.632357	0.033782	104.694352	
2010	77	1300	77.541666667	03/18/2010 13:00	03/18/2010 12:00	3.0019	0.04267	0.386	16.52	0.422	13.72	45.6997	104.6287184	104.628603	0.030019	104.690589	
2010	77	1400	77.583333333	03/18/2010 14:00	03/18/2010 13:00	3.1186	0.04433	0.386	16.53	0.422	13.67	45.6959	104.6298826	104.629767	0.031186	104.691756	
2010	77	1500	77.625000000	03/18/2010 15:00	03/18/2010 14:00	2.7897	0.03965	0.386	16.52	0.422	13.64	45.7067	104.6266013	104.626486	0.027897	104.688467	
2010	77	1600	77.666666667	03/18/2010 16:00	03/18/2010 15:00	2.6372	0.03748	0.386	16.53	0.422	13.63	45.7117	104.6250799	104.624965	0.026372	104.686942	
2010	77	1700	77.708333333	03/18/2010 17:00	03/18/2010 16:00	2.6136	0.03715	0.386	16.54	0.422	13.63	45.7125	104.6248445	104.624729	0.026136	104.686706	
2010	77	1800	77.750000000	03/18/2010 18:00	03/18/2010 17:00	3.1066	0.04415	0.386	16.53	0.422	13.56	45.6963	104.6297629	104.629648	0.031066	104.691636	
2010	77	1900	77.791666667	03/18/2010 19:00	03/18/2010 18:00	2.8854	0.04101	0.386	16.52	0.422	13.42	45.7036	104.6275561	104.627441	0.028854	104.689424	
2010	77	2000	77.833333333	03/18/2010 20:00	03/18/2010 19:00	2.6403	0.03753	0.386	16.5	0.422	13.35	45.7116	104.6251108	104.624995	0.026403	104.686973	
2010	77	2100	77.875000000	03/18/2010 21:00	03/18/2010 20:00	2.6177	0.03721	0.386	16.5	0.422	13.29	45.7123	104.6248854	104.624770	0.026177	104.686747	
2010	77	2200	77.916666667	03/18/2010 22:00	03/18/2010 21:00	2.6769	0.03805	0.386	16.52	0.422	13.23	45.7104	104.625476	104.625361	0.026769	104.687339	
2010	77	2300	77.958333333	03/18/2010 23:00	03/18/2010 22:00	2.7597	0.03922	0.386	16.52	0.422	13.17	45.7077	104.626302	104.626187	0.027597	104.688167	
2010	77	2400	78.000000000	03/19/2010 0:00	03/18/2010 23:00	2.7842	0.03957	0.386	16.52	0.422	13.12	45.7069	104.6265465	104.626431	0.027842	104.688412	
2010	78	100	78.041666667	03/19/2010 1:00	03/19/2010 0:00	2.7967	0.03975	0.386	16.52	0.422	13.08	45.7065	104.6266712	104.626556	0.027967	104.688537	
2010	78	200	78.083333333	03/19/2010 2:00	03/19/2010 1:00	2.8789	0.04092	0.386	16.52	0.422	13.03	45.7038	104.6274912	104.627376	0.028789	104.689359	
2010	78	300	78.125000000	03/19/2010 3:00	03/19/2010 2:00	2.7379	0.03891	0.386	16.53	0.422	12.99	45.7084	104.6260845	104.625969	0.027379	104.687949	
2010	78	400	78.166666667	03/19/2010 4:00	03/19/2010 3:00	2.926	0.04159	0.386	16.52	0.422	12.95	45.7022	104.6279611	104.627846	0.029260	104.689830	
2010	78	500	78.208333333	03/19/2010 5:00	03/19/2010 4:00	3.0788	0.04376	0.386	16.52	0.422	12.91	45.6972	104.6294856	104.629370	0.030788	104.691358	
2010	78	600	78.250000000	03/19/2010 6:00	03/19/2010 5:00	3.1496	0.04477	0.386	16.53	0.422	12.88	45.6949	104.6301919	104.630077	0.031496	104.692066	
2010	78	700	78.291666667	03/19/2010 7:00	03/19/2010 6:00	2.668	0.03792	0.386	16.51	0.422	13.09	45.7107	104.6253872	104.625272	0.026680	104.687250	
2010	78	800	78.333333333	03/19/2010 8:00	03/19/2010 7:00	2.832	0.04025	0.386	16.52	0.422	14.01	45.7053	104.6270233	104.626908	0.028320	104.688890	
2010	78	900	78.375000000	03/19/2010 9:00	03/19/2010 8:00	2.9132	0.04141	0.386	16.53	0.422	13.96	45.7026	104.6278334	104.627718	0.029132	104.689702	
2010	78	1000	78.416666667	03/19/2010 10:00	03/19/2010 9:00	3.0645	0.04356	0.386	16.53	0.422	13.88	45.6977	104.6293429	104.629228	0.030645	104.691215	
2010	78	1100	78.458333333	03/19/2010 11:00	03/19/2010 10:00	2.934	0.04170	0.386	16.54	0.422	13.81	45.7020	104.628041	104.627926	0.029340	104.689910	
2010	78	1200	78.500000000	03/19/2010 12:00	03/19/2010 11:00	2.8272	0.04018	0.386	16.53	0.422	13.74	45.7055	104.6269755	104.626860	0.028272	104.688842	
2010	78	1300	78.541666667	03/19/2010 13:00	03/19/2010 12:00	3.2834	0.04667	0.386	16.53	0.422	13.7	45.6905	104.6315268	104.631411	0.032834	104.693404	
2010	78	1400	78.583333333	03/19/2010 14:00	03/19/2010 13:00	3.9509	0.05616	0.386	16.54	0.422	13.64	45.6687	104.6381862	104.638071	0.039509	104.700079	
2010	78	1500	78.625000000	03/19/2010 15:00	03/19/2010 14:00	3.8444	0.05464	0.386	16.53	0.422	13.62	45.6722	104.6371237	104.637008	0.038444	104.699014	
2010	78	1600	78.666666667	03/19/2010 16:00	03/19/2010 15:00	4.4066	0.06263	0.386	16.52	0.422	13.61	45.6538	104.6427325	104.642617	0.044066	104.704636	
2010	78	1700	78.708333333	03/19/2010 17:00	03/19/2010 16:00	4.6765	0.06647	0.386	16.54	0.422	13.64	45.6449	104.6454252	104.645310	0.046765	104.707335	
2010	78	1800	78.750000000	03/19/2010 18:00	03/19/2010 17:00	5.3692	0.07631	0.386	16.53	0.422	13.55	45.6223	104.652336	104.652221	0.053692	104.714262	
2010	78	1900	78.791666667	03/19/2010 19:00	03/19/2010 18:00	5.6298	0.08002	0.386	16.53	0.422	13.42	45.6137	104.6549359	104.654821	0.056298	104.716868	
2010	78	2000	78.833333333	03/19/2010 20:00	03/19/2010 19:00	5.832	0.08289	0.386	16.53	0.422	13.35	45.6071	104.6569532	104.656838	0.058320	104.718890	
2010	78	2100	78.875000000	03/19/2010 21:00	03/19/2010 20:00	6.1866	0.08793	0.386	16.53	0.422	13.28	45.5955	104.6604909	104.660376	0.061866	104.722436	
2010	78	2200	78.916666667	03/19/2010 22:00	03/19/2010 21:00	6.376	0.09062	0.386	16.52	0.422	13.22	45.5893	104.6623804	104.662265	0.063760	104.724330	
2010	78	2300	78.958333333	03/19/2010 23:00	03/19/2010 22:00	6.5778	0.09349	0.386	16.51	0.422	13.17	45.5827	104.6643937	104.664278	0.065778	104.726348	
2010	78	2400	79.000000000	03/20/2010 0:00	03/19/2010 23:00	6.6019	0.09383	0.386	16.54	0.422	13.12	45.5819	104.6646341	104.664519	0.066019	104.726589	
2010	79	100	79.041666667	03/20/2010 1:00	03/20/2010 0:00	6.8499	0.09736	0.386	16.52	0.422	13.08	45.5738	104.6671083	104.666993	0.068499	104.729069	
2010	79	200	79.083333333	03/20/2010 2:00	03/20/2010 1:00	6.8979	0.09804	0.386	16.52	0.422	13.03	45.5722	104.6675872	104.667472	0.068979	104.729549	
2010	79	300	79.125000000	03/20/2010 3:00	03/20/2010 2:00	6.9576	0.09889	0.386	16.54	0.422	12.99	45.5703	104.6681828	104.668067	0.069576	104.730146	
2010	79	400	79.166666667	03/20/2010 4:00	03/20/2010 3:00	6.9464	0.09873	0.386	16.53	0.422	12.95	45.5706	104.6680711	104.667956	0.069464	104.730034	
2010	79	500	79.208333333	03/20/2010 5:00	03/20/2010 4:00	6.9817	0.09923	0.386	16.52	0.422	12.92	45.5695	104.6684233	104.668308	0.069817	104.730387	
2010	79	600	79.250000000	03/20/2010 6:00	03/20/2010 5:00	7.0411	0.10008	0.386	16.51	0.422	12.88	45.5675	104.6690159	104.668901	0.070411	104.730981	
2010	79	700	79.291666667	03/20/2010 7:00	03/20/2010 6:00	6.5477	0.09306	0.386	16.52	0.422	14.11	45.5837	104.6640934	104.663978	0.065477	104.726047	
2010	79	800	79.333333333	03/20/2010 8:00	03/20/2010 7:00	6.1697	0.08769	0.386	16.53	0.422	14.07	45.5961	104.6603223	104.660207	0.061697	104.722267	
2010	79	900	79.375000000	03/20/2010 9:00	03/20/2010 8:00	6.7548	0.09601	0.386	16.56	0.422	13.98	45.5769	104.6661596	104.666044	0.067548	104.728118	
2010	79	1000	79.416666667	03/20/2010 10:00	03/20/2010 9:00	6.141	0.08728	0.386	16.53	0.422	13.91	45.5970	104.6600359	104.659921	0.061410	104.721980	
2010	79	1100	79.458333333	03/20/2010 11:00	03/20/2010 10:00	6.1615	0.08757	0.386	16.53	0.422	13.8	45.5963	104.6602404	104.660125	0.061615	104.722185	
2010	79	1200	79.500000000	03/20/2010 12:00	03/20/2010 11:00	6.018	0.08554	0.386	16.53	0.422	13.74	45.6010	104.6588088	104.658693	0.060180	104.720750	
2010	79	1300	79.541666667	03/20/2010 13:00	03/20/2010 12:00	5.8161	0.08267	0.386	16.52	0.422	13.69	45.6076	104.6567945	104.656679	0.058161	104.718731	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	79	1400	79.583333333	03/20/2010 14:00	03/20/2010 13:00	5.732	0.08147	0.386	16.54	0.422	13.62	45.6104	104.6559555	104.655840	0.057320	104.717890	
2010	79	1500	79.625000000	03/20/2010 15:00	03/20/2010 14:00	5.941	0.08444	0.386	16.52	0.422	13.58	45.6035	104.6580406	104.657925	0.059410	104.719980	
2010	79	1600	79.666666667	03/20/2010 16:00	03/20/2010 15:00	5.6006	0.07960	0.386	16.52	0.422	13.56	45.6147	104.6546446	104.654529	0.056006	104.716576	
2010	79	1700	79.708333333	03/20/2010 17:00	03/20/2010 16:00	6.2216	0.08843	0.386	16.54	0.422	13.58	45.5944	104.66084	104.660725	0.062216	104.722786	
2010	79	1800	79.750000000	03/20/2010 18:00	03/20/2010 17:00	6.61	0.09395	0.386	16.52	0.422	13.51	45.5816	104.664715	104.664600	0.066100	104.726670	
2010	79	1900	79.791666667	03/20/2010 19:00	03/20/2010 18:00	6.6134	0.09400	0.386	16.51	0.422	13.38	45.5815	104.6647489	104.664634	0.066134	104.726704	
2010	79	2000	79.833333333	03/20/2010 20:00	03/20/2010 19:00	6.4869	0.09220	0.386	16.52	0.422	13.31	45.5857	104.6634868	104.663371	0.064869	104.725439	
2010	79	2100	79.875000000	03/20/2010 21:00	03/20/2010 20:00	6.5714	0.09340	0.386	16.53	0.422	13.24	45.5829	104.6643299	104.664215	0.065714	104.726284	
2010	79	2200	79.916666667	03/20/2010 22:00	03/20/2010 21:00	6.5952	0.09374	0.386	16.52	0.422	13.19	45.5821	104.6645673	104.664452	0.065952	104.726522	
2010	79	2300	79.958333333	03/20/2010 23:00	03/20/2010 22:00	6.5623	0.09327	0.386	16.52	0.422	13.14	45.5832	104.6642391	104.664124	0.065623	104.726193	
2010	79	2400	80.000000000	03/21/2010 0:00	03/20/2010 23:00	6.4331	0.09144	0.386	16.53	0.422	13.09	45.5874	104.6629501	104.662835	0.064331	104.724901	
2010	80	100	80.041666667	03/21/2010 1:00	03/21/2010 0:00	6.549	0.09308	0.386	16.51	0.422	13.04	45.5836	104.6641064	104.663991	0.065490	104.726060	
2010	80	200	80.083333333	03/21/2010 2:00	03/21/2010 1:00	6.5018	0.09241	0.386	16.53	0.422	13.01	45.5852	104.6636355	104.663520	0.065018	104.725588	
2010	80	300	80.125000000	03/21/2010 3:00	03/21/2010 2:00	6.5842	0.09358	0.386	16.51	0.422	12.97	45.5825	104.6644576	104.664342	0.065842	104.726412	
2010	80	400	80.166666667	03/21/2010 4:00	03/21/2010 3:00	6.7841	0.09642	0.386	16.51	0.422	12.93	45.5759	104.6664519	104.666337	0.067841	104.728411	
2010	80	500	80.208333333	03/21/2010 5:00	03/21/2010 4:00	6.573	0.09342	0.386	16.51	0.422	12.9	45.5829	104.6643458	104.664230	0.065730	104.726300	
2010	80	600	80.250000000	03/21/2010 6:00	03/21/2010 5:00	6.5954	0.09374	0.386	16.52	0.422	12.89	45.5821	104.6645693	104.664454	0.065954	104.726524	
2010	80	700	80.291666667	03/21/2010 7:00	03/21/2010 6:00	6.736	0.09574	0.386	16.54	0.422	12.94	45.5775	104.665972	104.665857	0.067360	104.727930	
2010	80	800	80.333333333	03/21/2010 8:00	03/21/2010 7:00	6.9114	0.09823	0.386	16.54	0.422	13.44	45.5718	104.6677219	104.667607	0.069114	104.729684	
2010	80	900	80.375000000	03/21/2010 9:00	03/21/2010 8:00	6.7805	0.09637	0.386	16.54	0.422	13.76	45.5761	104.666416	104.666301	0.067805	104.728375	
2010	80	1000	80.416666667	03/21/2010 10:00	03/21/2010 9:00	7.097	0.10087	0.386	16.52	0.422	13.74	45.5657	104.6695736	104.669458	0.070970	104.731540	
2010	80	1100	80.458333333	03/21/2010 11:00	03/21/2010 10:00	7.0844	0.10069	0.386	16.53	0.422	13.73	45.5661	104.6694479	104.669333	0.070844	104.731414	
2010	80	1200	80.500000000	03/21/2010 12:00	03/21/2010 11:00	7.2825	0.10351	0.386	16.54	0.422	13.72	45.5596	104.6714242	104.671309	0.072825	104.733395	
2010	80	1300	80.541666667	03/21/2010 13:00	03/21/2010 12:00	7.1413	0.10150	0.386	16.54	0.422	13.69	45.5643	104.6700155	104.669900	0.071413	104.731983	
2010	80	1400	80.583333333	03/21/2010 14:00	03/21/2010 13:00	7.5276	0.10699	0.386	16.55	0.422	13.67	45.5516	104.6738695	104.673754	0.075276	104.735846	
2010	80	1500	80.625000000	03/21/2010 15:00	03/21/2010 14:00	7.7387	0.10999	0.386	16.54	0.422	13.67	45.5447	104.6759755	104.675860	0.077387	104.737957	
2010	80	1600	80.666666667	03/21/2010 16:00	03/21/2010 15:00	8.2075	0.11666	0.386	16.53	0.422	13.65	45.5294	104.6806526	104.680537	0.082075	104.742645	
2010	80	1700	80.708333333	03/21/2010 17:00	03/21/2010 16:00	7.6319	0.10847	0.386	16.53	0.422	13.66	45.5482	104.67491	104.674795	0.076319	104.736889	
2010	80	1800	80.750000000	03/21/2010 18:00	03/21/2010 17:00	7.715	0.10966	0.386	16.54	0.422	13.47	45.5455	104.6757391	104.675624	0.077150	104.737720	
2010	80	1900	80.791666667	03/21/2010 19:00	03/21/2010 18:00	7.6806	0.10917	0.386	16.51	0.422	13.36	45.5466	104.6753959	104.675281	0.076806	104.737376	
2010	80	2000	80.833333333	03/21/2010 20:00	03/21/2010 19:00	7.8003	0.11087	0.386	16.53	0.422	13.29	45.5427	104.6765901	104.676475	0.078003	104.738573	
2010	80	2100	80.875000000	03/21/2010 21:00	03/21/2010 20:00	7.919	0.11255	0.386	16.53	0.422	13.22	45.5388	104.6777743	104.677659	0.079190	104.739760	
2010	80	2200	80.916666667	03/21/2010 22:00	03/21/2010 21:00	8.1663	0.11607	0.386	16.52	0.422	13.16	45.5307	104.6802415	104.680126	0.081663	104.742233	
2010	80	2300	80.958333333	03/21/2010 23:00	03/21/2010 22:00	8.1559	0.11592	0.386	16.55	0.422	13.12	45.5310	104.6801378	104.680022	0.081559	104.742129	
2010	80	2400	81.000000000	03/22/2010 0:00	03/21/2010 23:00	8.2851	0.11776	0.386	16.53	0.421	13.07	45.5268	104.6814268	104.681311	0.082851	104.743421	
2010	81	100	81.041666667	03/22/2010 1:00	03/22/2010 0:00	8.3704	0.11897	0.386	16.53	0.422	13.03	45.5240	104.6822778	104.682162	0.083704	104.744274	
2010	81	200	81.083333333	03/22/2010 2:00	03/22/2010 1:00	8.3128	0.11815	0.386	16.53	0.422	12.99	45.5259	104.6817031	104.681588	0.083128	104.743698	
2010	81	300	81.125000000	03/22/2010 3:00	03/22/2010 2:00	8.4653	0.12032	0.386	16.54	0.422	12.95	45.5209	104.6832245	104.683109	0.084653	104.745223	
2010	81	400	81.166666667	03/22/2010 4:00	03/22/2010 3:00	8.3134	0.11816	0.386	16.52	0.422	12.92	45.5259	104.6817091	104.681594	0.083134	104.743704	
2010	81	500	81.208333333	03/22/2010 5:00	03/22/2010 4:00	8.5365	0.12133	0.386	16.54	0.422	12.89	45.5186	104.6839349	104.683820	0.085365	104.745935	
2010	81	600	81.250000000	03/22/2010 6:00	03/22/2010 5:00	8.5601	0.12167	0.386	16.53	0.422	12.87	45.5178	104.6841703	104.684055	0.085601	104.746171	
2010	81	700	81.291666667	03/22/2010 7:00	03/22/2010 6:00	8.302	0.11800	0.386	16.52	0.422	13.5	45.5263	104.6815954	104.681480	0.083020	104.743590	
2010	81	800	81.333333333	03/22/2010 8:00	03/22/2010 7:00	7.9262	0.11266	0.386	16.54	0.422	13.91	45.5386	104.6778462	104.677731	0.079262	104.739832	
2010	81	900	81.375000000	03/22/2010 9:00	03/22/2010 8:00	8.1823	0.11630	0.386	16.53	0.422	13.83	45.5302	104.6804012	104.680286	0.081823	104.742393	
2010	81	1000	81.416666667	03/22/2010 10:00	03/22/2010 9:00	7.9791	0.11341	0.386	16.53	0.422	13.76	45.5368	104.6783739	104.678259	0.079791	104.740361	
2010	81	1100	81.458333333	03/22/2010 11:00	03/22/2010 10:00	7.7058	0.10952	0.386	16.54	0.422	13.69	45.5458	104.6756473	104.675532	0.077058	104.737628	
2010	81	1200	81.500000000	03/22/2010 12:00	03/22/2010 11:00	8.4888	0.12065	0.386	16.54	0.422	13.66	45.5201	104.683459	104.683344	0.084888	104.745458	
2010	81	1300	81.541666667	03/22/2010 13:00	03/22/2010 12:00	8.311	0.11813	0.386	16.56	0.422	13.63	45.5260	104.6816852	104.681570	0.083110	104.743680	
2010	81	1400	81.583333333	03/22/2010 14:00	03/22/2010 13:00	7.5369	0.10712	0.386	16.54	0.422	13.61	45.5513	104.6739623	104.673847	0.075369	104.735939	
2010	81	1500	81.625000000	03/22/2010 15:00	03/22/2010 14:00	7.6524	0.10877	0.386	16.55	0.422	13.58	45.5475	104.6751146	104.674999	0.076524	104.737094	
2010	81	1600	81.666666667	03/22/2010 16:00	03/22/2010 15:00	7.2064	0.10243	0.386	16.54	0.422	13.6	45.5621	104.670665	104.670550	0.072064	104.732634	
2010	81	1700	81.708333333	03/22/2010 17:00	03/22/2010 16:00	7.7586	0.11027	0.386	16.53	0.422	13.61	45.5440	104.6761741	104.676059	0.077586	104.738156	
2010	81	1800	81.750000000	03/22/2010 18:00	03/22/2010 17:00	7.7835	0.11063	0.386	16.53	0.422	13.56	45.5432	104.6764225	104.676307	0.077835	104.738405	
2010	81	1900	81.791666667	03/22/2010 19:00	03/22/2010 18:00	7.5631	0.10750	0.386	16.52	0.422	13.42	45.5504	104.6742237	104.674108	0.075631	104.736201	
2010	81	2000	81.833333333	03/22/2010 20:00	03/22/2010 19:00	7.3669	0.10471	0.386	16.53	0.422	13.33	45.5569	104.6722662	104.672151	0.073669	104.734239	
2010	81	2100	81.875000000	03/22/2010 21:00	03/22/2010 20:00	6.9588	0.09891	0.386	16.52	0.422	13.27	45.5702	104.6681948	104.668079	0.069588	104.730158	
2010	81	2200	81.916666667	03/22/2010 22:00	03/22/2010 21:00	6.8202	0.09694	0.386	16.52	0.422	13.21	45.5748	104.666812	104.666697	0.068202	104.728772	
2010	81	2300	81.958333333	03/22/2010 23:00	03/22/2010 22:00	6.8097	0.09679	0.386	16.53	0.422	13.16	45.5751	104.6667073	104.666592	0.068097	104.728667	
2010	81	2400	82.000000000	03/23/2010 0:00	03/22/2010 23:00	6.5052	0.09246	0.386	16.53	0.422	13.11	45.5851	104.6636694	104.663554	0.065052	104.725622	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	82	100	82.041666667	03/23/2010 1:00	03/23/2010 0:00	6.3651	0.09047	0.386	16.53	0.422	13.06	45.5897	104.6622717	104.662156	0.063651	104.724221	
2010	82	200	82.083333333	03/23/2010 2:00	03/23/2010 1:00	6.1902	0.08798	0.386	16.53	0.422	13.02	45.5954	104.6605268	104.660411	0.061902	104.722472	
2010	82	300	82.125000000	03/23/2010 3:00	03/23/2010 2:00	6.0494	0.08598	0.386	16.52	0.422	12.98	45.6000	104.6591221	104.659007	0.060494	104.721064	
2010	82	400	82.166666667	03/23/2010 4:00	03/23/2010 3:00	5.8733	0.08348	0.386	16.53	0.422	12.94	45.6058	104.6573652	104.657250	0.058733	104.719303	
2010	82	500	82.208333333	03/23/2010 5:00	03/23/2010 4:00	5.6268	0.07997	0.386	16.53	0.422	12.91	45.6138	104.654906	104.654791	0.056268	104.716838	
2010	82	600	82.250000000	03/23/2010 6:00	03/23/2010 5:00	5.4153	0.07697	0.386	16.53	0.422	12.88	45.6207	104.6527959	104.652681	0.054153	104.714723	
2010	82	700	82.291666667	03/23/2010 7:00	03/23/2010 6:00	4.9336	0.07012	0.386	16.54	0.422	13.37	45.6365	104.6479902	104.647875	0.049336	104.709906	
2010	82	800	82.333333333	03/23/2010 8:00	03/23/2010 7:00	4.3806	0.06226	0.386	16.54	0.422	13.94	45.6546	104.6424731	104.642358	0.043806	104.704376	
2010	82	900	82.375000000	03/23/2010 9:00	03/23/2010 8:00	4.0036	0.05690	0.386	16.52	0.422	13.88	45.6670	104.6387119	104.638597	0.040036	104.700606	
2010	82	1000	82.416666667	03/23/2010 10:00	03/23/2010 9:00	4.2014	0.05972	0.386	16.54	0.422	13.8	45.6605	104.6406853	104.640570	0.042014	104.702584	
2010	82	1100	82.458333333	03/23/2010 11:00	03/23/2010 10:00	3.4137	0.04852	0.386	16.54	0.422	13.72	45.6863	104.6328267	104.632711	0.034137	104.694707	
2010	82	1200	82.500000000	03/23/2010 12:00	03/23/2010 11:00	2.9666	0.04216	0.386	16.54	0.422	13.66	45.7009	104.6283662	104.628251	0.029666	104.690236	
2010	82	1300	82.541666667	03/23/2010 13:00	03/23/2010 12:00	3.3059	0.04699	0.386	16.55	0.422	13.64	45.6898	104.6317513	104.631636	0.033059	104.693629	
2010	82	1400	82.583333333	03/23/2010 14:00	03/23/2010 13:00	2.5785	0.03665	0.386	16.54	0.422	13.6	45.7136	104.6244943	104.624379	0.025785	104.686355	
2010	82	1500	82.625000000	03/23/2010 15:00	03/23/2010 14:00	2.6598	0.03780	0.386	16.53	0.422	13.59	45.7109	104.6253054	104.625190	0.026598	104.687168	
2010	82	1600	82.666666667	03/23/2010 16:00	03/23/2010 15:00	2.7067	0.03847	0.386	16.54	0.422	13.59	45.7094	104.6257733	104.625658	0.027067	104.687637	
2010	82	1700	82.708333333	03/23/2010 17:00	03/23/2010 16:00	2.9293	0.04163	0.386	16.53	0.422	13.6	45.7021	104.6279941	104.627879	0.029293	104.689863	
2010	82	1800	82.750000000	03/23/2010 18:00	03/23/2010 17:00	3.1766	0.04515	0.386	16.53	0.422	13.52	45.6940	104.6304613	104.630346	0.031766	104.692336	
2010	82	1900	82.791666667	03/23/2010 19:00	03/23/2010 18:00	3.1544	0.04483	0.386	16.52	0.422	13.4	45.6948	104.6302398	104.630124	0.031544	104.692114	
2010	82	2000	82.833333333	03/23/2010 20:00	03/23/2010 19:00	3.3438	0.04753	0.386	16.53	0.421	13.33	45.6886	104.6321294	104.632014	0.033438	104.694008	
2010	82	2100	82.875000000	03/23/2010 21:00	03/23/2010 20:00	3.4973	0.04971	0.386	16.52	0.422	13.26	45.6835	104.6336608	104.633545	0.034973	104.695543	
2010	82	2200	82.916666667	03/23/2010 22:00	03/23/2010 21:00	3.7101	0.05273	0.386	16.53	0.421	13.2	45.6766	104.6357838	104.635668	0.037101	104.697671	
2010	82	2300	82.958333333	03/23/2010 23:00	03/23/2010 22:00	3.8985	0.05541	0.386	16.54	0.421	13.15	45.6704	104.6376634	104.637548	0.038985	104.699555	
2010	82	2400	83.000000000	03/24/2010 0:00	03/23/2010 23:00	3.9817	0.05659	0.386	16.52	0.422	13.1	45.6677	104.6384934	104.638378	0.039817	104.700387	
2010	83	100	83.041666667	03/24/2010 1:00	03/24/2010 0:00	4.3462	0.06177	0.386	16.52	0.422	13.06	45.6557	104.6421299	104.642015	0.043462	104.704032	
2010	83	200	83.083333333	03/24/2010 2:00	03/24/2010 1:00	4.4998	0.06396	0.386	16.54	0.421	13.02	45.6507	104.6436623	104.643547	0.044998	104.705568	
2010	83	300	83.125000000	03/24/2010 3:00	03/24/2010 2:00	4.6767	0.06647	0.386	16.53	0.422	12.97	45.6449	104.6454272	104.645312	0.046767	104.707337	
2010	83	400	83.166666667	03/24/2010 4:00	03/24/2010 3:00	4.9003	0.06965	0.386	16.51	0.422	12.93	45.6376	104.647658	104.647543	0.049003	104.709573	
2010	83	500	83.208333333	03/24/2010 5:00	03/24/2010 4:00	4.9708	0.07065	0.386	16.53	0.422	12.9	45.6353	104.6483613	104.648246	0.049708	104.710278	
2010	83	600	83.250000000	03/24/2010 6:00	03/24/2010 5:00	5.0415	0.07166	0.386	16.52	0.422	12.87	45.6330	104.6490666	104.648951	0.050415	104.710985	
2010	83	700	83.291666667	03/24/2010 7:00	03/24/2010 6:00	4.8886	0.06948	0.386	16.53	0.421	14	45.6380	104.6475412	104.647426	0.048886	104.709456	
2010	83	800	83.333333333	03/24/2010 8:00	03/24/2010 7:00	4.8532	0.06898	0.386	16.53	0.421	14.03	45.6391	104.6471881	104.647073	0.048532	104.709102	
2010	83	900	83.375000000	03/24/2010 9:00	03/24/2010 8:00	5.0387	0.07162	0.386	16.53	0.422	13.95	45.6331	104.6490387	104.648923	0.050387	104.710957	
2010	83	1000	83.416666667	03/24/2010 10:00	03/24/2010 9:00	4.9309	0.07008	0.386	16.55	0.422	13.87	45.6366	104.6479632	104.647848	0.049309	104.709879	
2010	83	1100	83.458333333	03/24/2010 11:00	03/24/2010 10:00	4.9635	0.07055	0.386	16.54	0.422	13.78	45.6355	104.6482885	104.648173	0.049635	104.710205	
2010	83	1200	83.500000000	03/24/2010 12:00	03/24/2010 11:00	5.0905	0.07235	0.386	16.54	0.421	13.72	45.6314	104.6495555	104.649440	0.050905	104.711475	
2010	83	1300	83.541666667	03/24/2010 13:00	03/24/2010 12:00	5.3937	0.07666	0.386	16.54	0.421	13.67	45.6215	104.6525804	104.652465	0.053937	104.714507	
2010	83	1400	83.583333333	03/24/2010 14:00	03/24/2010 13:00	5.0872	0.07231	0.386	16.55	0.421	13.61	45.6315	104.6495226	104.649407	0.050872	104.711442	
2010	83	1500	83.625000000	03/24/2010 15:00	03/24/2010 14:00	5.4135	0.07694	0.386	16.53	0.422	13.57	45.6208	104.6527779	104.652663	0.054135	104.714705	
2010	83	1600	83.666666667	03/24/2010 16:00	03/24/2010 15:00	5.4597	0.07760	0.386	16.54	0.421	13.54	45.6193	104.6532389	104.653124	0.054597	104.715167	
2010	83	1700	83.708333333	03/24/2010 17:00	03/24/2010 16:00	6.1154	0.08692	0.386	16.53	0.421	13.54	45.5978	104.6597805	104.659665	0.061154	104.721724	
2010	83	1800	83.750000000	03/24/2010 18:00	03/24/2010 17:00	6.6668	0.09476	0.386	16.53	0.421	13.48	45.5798	104.6652816	104.665166	0.066668	104.727238	
2010	83	1900	83.791666667	03/24/2010 19:00	03/24/2010 18:00	6.8223	0.09697	0.386	16.52	0.421	13.35	45.5747	104.666833	104.666718	0.068223	104.728793	
2010	83	2000	83.833333333	03/24/2010 20:00	03/24/2010 19:00	7.1533	0.10167	0.386	16.53	0.422	13.27	45.5639	104.6701352	104.670020	0.071533	104.732103	
2010	83	2100	83.875000000	03/24/2010 21:00	03/24/2010 20:00	7.4957	0.10654	0.386	16.54	0.421	13.21	45.5527	104.6735512	104.673436	0.074957	104.735527	
2010	83	2200	83.916666667	03/24/2010 22:00	03/24/2010 21:00	7.7316	0.10989	0.386	16.52	0.422	13.15	45.5449	104.6759047	104.675789	0.077316	104.737886	
2010	83	2300	83.958333333	03/24/2010 23:00	03/24/2010 22:00	8.0381	0.11425	0.386	16.55	0.421	13.1	45.5349	104.6789625	104.678847	0.080381	104.740951	
2010	83	2400	84.000000000	03/25/2010 0:00	03/24/2010 23:00	8.1462	0.11578	0.386	16.52	0.422	13.06	45.5314	104.680041	104.679926	0.081462	104.742032	
2010	84	100	84.041666667	03/25/2010 1:00	03/25/2010 0:00	8.4408	0.11997	0.386	16.53	0.422	13.02	45.5217	104.6829801	104.682865	0.084408	104.744978	
2010	84	200	84.083333333	03/25/2010 2:00	03/25/2010 1:00	8.5699	0.12181	0.386	16.52	0.422	12.98	45.5175	104.6842681	104.684153	0.085699	104.746269	
2010	84	300	84.125000000	03/25/2010 3:00	03/25/2010 2:00	8.8635	0.12598	0.386	16.53	0.422	12.94	45.5079	104.6871972	104.687082	0.088635	104.749205	
2010	84	400	84.166666667	03/25/2010 4:00	03/25/2010 3:00	9.0273	0.12831	0.386	16.54	0.422	12.91	45.5025	104.6888314	104.688716	0.090273	104.750843	
2010	84	500	84.208333333	03/25/2010 5:00	03/25/2010 4:00	9.2158	0.13099	0.386	16.52	0.421	12.89	45.4964	104.690712	104.690597	0.092158	104.752728	
2010	84	600	84.250000000	03/25/2010 6:00	03/25/2010 5:00	9.4992	0.13501	0.386	16.53	0.422	12.87	45.4871	104.6935394	104.693424	0.094992	104.755562	
2010	84	700	84.291666667	03/25/2010 7:00	03/25/2010 6:00	9.5815	0.13618	0.386	16.53	0.422	13.4	45.4844	104.6943604	104.694245	0.095815	104.756385	
2010	84	800	84.333333333	03/25/2010 8:00	03/25/2010 7:00	9.7079	0.13798	0.386	16.57	0.421	13.85	45.4802	104.6956215	104.695506	0.097079	104.757649	
2010	84	900	84.375000000	03/25/2010 9:00	03/25/2010 8:00	10.033	0.14260	0.386	16.52	0.422	13.79	45.4696	104.6988649	104.698750	0.100330	104.760900	
2010	84	1000	84.416666667	03/25/2010 10:00	03/25/2010 9:00	10.616	0.15089	0.386	16.55	0.422	13.72	45.4505	104.7046812	104.704566	0.106160	104.766730	
2010	84	1100	84.458333333	03/25/2010 11:00	03/25/2010 10:00	10.19	0.14483	0.386	16.55	0.422	13.7	45.4645	104.7004312	104.700316	0.101900	104.762470	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	84	1200	84.500000000	03/25/2010 12:00	03/25/2010 11:00	10.916	0.15515	0.386	16.55	0.422	13.65	45.4407	104.7076742	104.707559	0.109160	104.769730	
2010	84	1300	84.541666667	03/25/2010 13:00	03/25/2010 12:00	9.1434	0.12996	0.386	16.54	0.422	13.63	45.4987	104.6899897	104.689874	0.091434	104.752004	
2010	84	1400	84.583333333	03/25/2010 14:00	03/25/2010 13:00	10.197	0.14493	0.386	16.55	0.422	13.61	45.4642	104.700501	104.700386	0.101970	104.762540	
2010	84	1500	84.625000000	03/25/2010 15:00	03/25/2010 14:00	10.291	0.14627	0.386	16.53	0.422	13.62	45.4612	104.7014388	104.701323	0.102910	104.763480	
2010	84	1600	84.666666667	03/25/2010 16:00	03/25/2010 15:00	10.314	0.14660	0.386	16.54	0.422	13.6	45.4604	104.7016683	104.701553	0.103140	104.763710	
2010	84	1700	84.708333333	03/25/2010 17:00	03/25/2010 16:00	10.841	0.15409	0.386	16.53	0.422	13.62	45.4432	104.706926	104.706811	0.108410	104.768980	
2010	84	1800	84.750000000	03/25/2010 18:00	03/25/2010 17:00	10.761	0.15295	0.386	16.55	0.422	13.44	45.4458	104.7061278	104.706012	0.107610	104.768180	
2010	84	1900	84.791666667	03/25/2010 19:00	03/25/2010 18:00	10.835	0.15400	0.386	16.52	0.422	13.34	45.4434	104.7068661	104.706751	0.108350	104.768920	
2010	84	2000	84.833333333	03/25/2010 20:00	03/25/2010 19:00	11.037	0.15687	0.386	16.52	0.422	13.26	45.4367	104.7088814	104.708766	0.110370	104.770940	
2010	84	2100	84.875000000	03/25/2010 21:00	03/25/2010 20:00	11.391	0.16190	0.386	16.54	0.422	13.2	45.4252	104.7124131	104.712298	0.113910	104.774480	
2010	84	2200	84.916666667	03/25/2010 22:00	03/25/2010 21:00	11.45	0.16274	0.386	16.54	0.422	13.15	45.4232	104.7130017	104.712886	0.114500	104.775070	
2010	84	2300	84.958333333	03/25/2010 23:00	03/25/2010 22:00	11.358	0.16143	0.386	16.53	0.422	13.1	45.4262	104.7120839	104.711969	0.113580	104.774150	
2010	84	2400	85.000000000	03/26/2010 0:00	03/25/2010 23:00	11.394	0.16195	0.386	16.55	0.422	13.05	45.4251	104.712443	104.712328	0.113940	104.774510	
2010	85	100	85.041666667	03/26/2010 1:00	03/26/2010 0:00	11.43	0.16246	0.386	16.54	0.422	13.01	45.4239	104.7128022	104.712687	0.114300	104.774870	
2010	85	200	85.083333333	03/26/2010 2:00	03/26/2010 1:00	11.793	0.16762	0.386	16.56	0.422	12.97	45.4120	104.7164237	104.716308	0.117930	104.778500	
2010	85	300	85.125000000	03/26/2010 3:00	03/26/2010 2:00	11.876	0.16880	0.386	16.53	0.422	12.94	45.4093	104.7172517	104.717136	0.118760	104.779330	
2010	85	400	85.166666667	03/26/2010 4:00	03/26/2010 3:00	12.052	0.17130	0.386	16.52	0.422	12.91	45.4035	104.7190076	104.718892	0.120520	104.781090	
2010	85	500	85.208333333	03/26/2010 5:00	03/26/2010 4:00	12.264	0.17431	0.386	16.54	0.422	12.89	45.3966	104.7211227	104.721007	0.122640	104.783210	
2010	85	600	85.250000000	03/26/2010 6:00	03/26/2010 5:00	12.489	0.17751	0.386	16.55	0.422	12.87	45.3892	104.7233674	104.723252	0.124890	104.785460	
2010	85	700	85.291666667	03/26/2010 7:00	03/26/2010 6:00	12.303	0.17487	0.386	16.53	0.422	13.27	45.3953	104.7215118	104.721396	0.123030	104.783600	
2010	85	800	85.333333333	03/26/2010 8:00	03/26/2010 7:00	12.338	0.17536	0.386	16.52	0.422	13.86	45.3942	104.7218609	104.721746	0.123380	104.783950	
2010	85	900	85.375000000	03/26/2010 9:00	03/26/2010 8:00	12.71	0.18065	0.386	16.55	0.422	13.8	45.3820	104.7255722	104.725457	0.127100	104.787670	
2010	85	1000	85.416666667	03/26/2010 10:00	03/26/2010 9:00	12.976	0.18443	0.386	16.55	0.422	13.76	45.3733	104.728226	104.728111	0.129760	104.790330	
2010	85	1100	85.458333333	03/26/2010 11:00	03/26/2010 10:00	12.481	0.17740	0.386	16.54	0.422	13.7	45.3895	104.7232876	104.723172	0.124810	104.785380	
2010	85	1200	85.500000000	03/26/2010 12:00	03/26/2010 11:00	12.324	0.17516	0.386	16.55	0.422	13.68	45.3946	104.7217213	104.721606	0.123240	104.783810	
2010	85	1300	85.541666667	03/26/2010 13:00	03/26/2010 12:00	13.107	0.18629	0.386	16.55	0.422	13.66	45.3690	104.7295329	104.729418	0.131070	104.791640	
2010	85	1400	85.583333333	03/26/2010 14:00	03/26/2010 13:00	14.314	0.20345	0.386	16.54	0.422	13.62	45.3295	104.7415747	104.741459	0.143140	104.803710	
2010	85	1500	85.625000000	03/26/2010 15:00	03/26/2010 14:00	13.409	0.19059	0.386	16.54	0.422	13.62	45.3591	104.7325459	104.732431	0.134090	104.794660	
2010	85	1600	85.666666667	03/26/2010 16:00	03/26/2010 15:00	12.8	0.18193	0.386	16.55	0.422	13.61	45.3790	104.7264701	104.726355	0.128000	104.788570	
2010	85	1700	85.708333333	03/26/2010 17:00	03/26/2010 16:00	14.066	0.19992	0.386	16.55	0.422	13.62	45.3376	104.7391005	104.738985	0.140660	104.801230	
2010	85	1800	85.750000000	03/26/2010 18:00	03/26/2010 17:00	14.499	0.20608	0.386	16.54	0.422	13.56	45.3234	104.7434204	104.743305	0.144990	104.805560	
2010	85	1900	85.791666667	03/26/2010 19:00	03/26/2010 18:00	14.563	0.20699	0.386	16.53	0.422	13.42	45.3213	104.7440589	104.743944	0.145630	104.806200	
2010	85	2000	85.833333333	03/26/2010 20:00	03/26/2010 19:00	14.815	0.21057	0.386	16.55	0.422	13.33	45.3131	104.746573	104.746458	0.148150	104.808720	
2010	85	2100	85.875000000	03/26/2010 21:00	03/26/2010 20:00	15.055	0.21398	0.386	16.55	0.422	13.26	45.3052	104.7489674	104.748852	0.150550	104.811120	
2010	85	2200	85.916666667	03/26/2010 22:00	03/26/2010 21:00	15.319	0.21773	0.387	16.54	0.422	13.21	45.2966	104.7516012	104.751486	0.153190	104.813760	
2010	85	2300	85.958333333	03/26/2010 23:00	03/26/2010 22:00	15.275	0.21711	0.386	16.55	0.422	13.15	45.2980	104.7511622	104.751047	0.152750	104.813320	
2010	85	2400	86.000000000	03/27/2010 0:00	03/26/2010 23:00	15.5	0.22031	0.386	16.55	0.422	13.11	45.2907	104.753407	104.753292	0.155000	104.815570	
2010	86	100	86.041666667	03/27/2010 1:00	03/27/2010 0:00	15.629	0.22214	0.387	16.53	0.422	13.06	45.2864	104.7546939	104.754579	0.156290	104.816860	
2010	86	200	86.083333333	03/27/2010 2:00	03/27/2010 1:00	15.748	0.22383	0.386	16.54	0.422	13.02	45.2825	104.7558812	104.755766	0.157480	104.818050	
2010	86	300	86.125000000	03/27/2010 3:00	03/27/2010 2:00	15.915	0.22620	0.387	16.53	0.422	12.98	45.2771	104.7575473	104.757432	0.159150	104.819720	
2010	86	400	86.166666667	03/27/2010 4:00	03/27/2010 3:00	16.139	0.22939	0.387	16.53	0.422	12.94	45.2697	104.759782	104.759667	0.161390	104.821960	
2010	86	500	86.208333333	03/27/2010 5:00	03/27/2010 4:00	16.175	0.22990	0.387	16.55	0.422	12.91	45.2686	104.7601412	104.760026	0.161750	104.822320	
2010	86	600	86.250000000	03/27/2010 6:00	03/27/2010 5:00	16.41	0.23324	0.387	16.55	0.422	12.89	45.2609	104.7624857	104.762370	0.164100	104.824670	
2010	86	700	86.291666667	03/27/2010 7:00	03/27/2010 6:00	16.246	0.23091	0.387	16.54	0.422	13.93	45.2662	104.7608495	104.760734	0.162460	104.823030	
2010	86	800	86.333333333	03/27/2010 8:00	03/27/2010 7:00	16.029	0.22782	0.387	16.56	0.422	13.92	45.2733	104.7586846	104.758569	0.160290	104.820860	
2010	86	900	86.375000000	03/27/2010 9:00	03/27/2010 8:00	15.966	0.22693	0.387	16.53	0.423	13.86	45.2754	104.7580561	104.757941	0.159660	104.820230	
2010	86	1000	86.416666667	03/27/2010 10:00	03/27/2010 9:00	16.252	0.23099	0.387	16.55	0.422	13.77	45.2660	104.7609094	104.760794	0.162520	104.823090	
2010	86	1100	86.458333333	03/27/2010 11:00	03/27/2010 10:00	16.338	0.23222	0.387	16.54	0.423	13.69	45.2632	104.7617674	104.761652	0.163380	104.823950	
2010	86	1200	86.500000000	03/27/2010 12:00	03/27/2010 11:00	16.73	0.23779	0.387	16.54	0.423	13.62	45.2504	104.7656782	104.765563	0.167300	104.827870	
2010	86	1300	86.541666667	03/27/2010 13:00	03/27/2010 12:00	16.35	0.23239	0.387	16.55	0.422	13.6	45.2628	104.7618871	104.761772	0.163500	104.824070	
2010	86	1400	86.583333333	03/27/2010 14:00	03/27/2010 13:00	17.131	0.24349	0.387	16.56	0.422	13.58	45.2373	104.7696788	104.769563	0.171310	104.831880	
2010	86	1500	86.625000000	03/27/2010 15:00	03/27/2010 14:00	17.06	0.24248	0.387	16.56	0.422	13.58	45.2396	104.7689705	104.768855	0.170600	104.831170	
2010	86	1600	86.666666667	03/27/2010 16:00	03/27/2010 15:00	16.955	0.24099	0.387	16.55	0.422	13.58	45.2430	104.7679229	104.767808	0.169550	104.830120	
2010	86	1700	86.708333333	03/27/2010 17:00	03/27/2010 16:00	17.658	0.25098	0.387	16.56	0.422	13.58	45.2200	104.7749365	104.774821	0.176580	104.837150	
2010	86	1800	86.750000000	03/27/2010 18:00	03/27/2010 17:00	17.719	0.25184	0.387	16.54	0.422	13.5	45.2180	104.775545	104.775430	0.177190	104.837760	
2010	86	1900	86.791666667	03/27/2010 19:00	03/27/2010 18:00	17.88	0.25413	0.387	16.54	0.423	13.38	45.2128	104.7771513	104.777036	0.178800	104.839370	
2010	86	2000	86.833333333	03/27/2010 20:00	03/27/2010 19:00	17.968	0.25538	0.387	16.53	0.422	13.29	45.2099	104.7780292	104.777914	0.179680	104.840250	
2010	86	2100	86.875000000	03/27/2010 21:00	03/27/2010 20:00	18.114	0.25746	0.387	16.53	0.422	13.23	45.2051	104.7794858	104.779370	0.181140	104.841710	
2010	86	2200	86.916666667	03/27/2010 22:00	03/27/2010 21:00	18.28	0.25982	0.387	16.54	0.423	13.17	45.1997	104.7811419	104.781027	0.182800	104.843370	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	86	2300	86.958333333	03/27/2010 23:00	03/27/2010 22:00	18.471	0.26253	0.387	16.56	0.422	13.12	45.1934	104.7830475	104.782932	0.184710	104.845280	
2010	86	2400	87.000000000	03/28/2010 0:00	03/27/2010 23:00	18.461	0.26239	0.387	16.54	0.423	13.07	45.1937	104.7829477	104.782832	0.184610	104.845180	
2010	87	100	87.041666667	03/28/2010 1:00	03/28/2010 0:00	18.574	0.26400	0.387	16.55	0.422	13.03	45.1900	104.784075	104.783960	0.185740	104.846310	
2010	87	200	87.083333333	03/28/2010 2:00	03/28/2010 1:00	18.588	0.26420	0.387	16.56	0.422	12.99	45.1896	104.7842147	104.784099	0.185880	104.846450	
2010	87	300	87.125000000	03/28/2010 3:00	03/28/2010 2:00	18.717	0.26603	0.387	16.53	0.422	12.95	45.1854	104.7855017	104.785386	0.187170	104.847740	
2010	87	400	87.166666667	03/28/2010 4:00	03/28/2010 3:00	18.729	0.26620	0.387	16.56	0.422	12.92	45.1850	104.7856214	104.785506	0.187290	104.847860	
2010	87	500	87.208333333	03/28/2010 5:00	03/28/2010 4:00	18.705	0.26586	0.387	16.55	0.422	12.89	45.1858	104.785382	104.785267	0.187050	104.847620	
2010	87	600	87.250000000	03/28/2010 6:00	03/28/2010 5:00	18.787	0.26702	0.387	16.56	0.422	12.87	45.1831	104.7862001	104.786085	0.187870	104.848440	
2010	87	700	87.291666667	03/28/2010 7:00	03/28/2010 6:00	18.74	0.26636	0.387	16.54	0.422	12.85	45.1846	104.7857312	104.785616	0.187400	104.847970	
2010	87	800	87.333333333	03/28/2010 8:00	03/28/2010 7:00	18.549	0.26364	0.387	16.54	0.422	13.85	45.1909	104.7838256	104.783710	0.185490	104.846060	
2010	87	900	87.375000000	03/28/2010 9:00	03/28/2010 8:00	18.66	0.26522	0.387	16.55	0.422	13.81	45.1872	104.784933	104.784818	0.186600	104.847170	
2010	87	1000	87.416666667	03/28/2010 10:00	03/28/2010 9:00	17.528	0.24913	0.387	16.55	0.422	13.77	45.2243	104.7736395	104.773524	0.175280	104.835850	
2010	87	1100	87.458333333	03/28/2010 11:00	03/28/2010 10:00	17.896	0.25436	0.387	16.57	0.422	13.68	45.2122	104.7773109	104.777196	0.178960	104.839530	
2010	87	1200	87.500000000	03/28/2010 12:00	03/28/2010 11:00	17.891	0.25429	0.387	16.56	0.422	13.65	45.2124	104.777261	104.777146	0.178910	104.839480	
2010	87	1300	87.541666667	03/28/2010 13:00	03/28/2010 12:00	17.196	0.24441	0.387	16.56	0.422	13.63	45.2351	104.7703273	104.770212	0.171960	104.832530	
2010	87	1400	87.583333333	03/28/2010 14:00	03/28/2010 13:00	18.003	0.25588	0.387	16.55	0.422	13.61	45.2087	104.7783784	104.778263	0.180030	104.840600	
2010	87	1500	87.625000000	03/28/2010 15:00	03/28/2010 14:00	18.039	0.25639	0.387	16.55	0.422	13.52	45.2076	104.7787376	104.778622	0.180390	104.840960	
2010	87	1600	87.666666667	03/28/2010 16:00	03/28/2010 15:00	18.007	0.25594	0.387	16.55	0.422	13.53	45.2086	104.7784183	104.778303	0.180070	104.840640	
2010	87	1700	87.708333333	03/28/2010 17:00	03/28/2010 16:00	17.8	0.25300	0.387	16.53	0.422	13.4	45.2154	104.7763531	104.776238	0.178000	104.838570	
2010	87	1800	87.750000000	03/28/2010 18:00	03/28/2010 17:00	17.876	0.25408	0.387	16.55	0.422	13.31	45.2129	104.7771114	104.776996	0.178760	104.839330	
2010	87	1900	87.791666667	03/28/2010 19:00	03/28/2010 18:00	17.913	0.25460	0.387	16.54	0.422	13.25	45.2117	104.7774805	104.777365	0.179130	104.839700	
2010	87	2000	87.833333333	03/28/2010 20:00	03/28/2010 19:00	18.045	0.25648	0.387	16.54	0.422	13.19	45.2074	104.7787974	104.778682	0.180450	104.841020	
2010	87	2100	87.875000000	03/28/2010 21:00	03/28/2010 20:00	18.057	0.25665	0.386	16.55	0.422	13.14	45.2070	104.7789171	104.778802	0.180570	104.841140	
2010	87	2200	87.916666667	03/28/2010 22:00	03/28/2010 21:00	18.011	0.25599	0.386	16.54	0.422	13.09	45.2085	104.7784582	104.778343	0.180110	104.840680	
2010	87	2300	87.958333333	03/28/2010 23:00	03/28/2010 22:00	17.977	0.25551	0.386	16.53	0.422	13.05	45.2096	104.778119	104.778004	0.179770	104.840340	
2010	87	2400	88.000000000	03/29/2010 0:00	03/28/2010 23:00	17.955	0.25520	0.386	16.54	0.422	13.01	45.2103	104.7778995	104.777784	0.179550	104.840120	
2010	88	100	88.041666667	03/29/2010 1:00	03/29/2010 0:00	17.943	0.25503	0.387	16.55	0.422	12.97	45.2107	104.7777798	104.777664	0.179430	104.840000	
2010	88	200	88.083333333	03/29/2010 2:00	03/29/2010 1:00	17.896	0.25436	0.387	16.55	0.423	12.93	45.2122	104.7773109	104.777196	0.178960	104.839530	
2010	88	300	88.125000000	03/29/2010 3:00	03/29/2010 2:00	17.941	0.25500	0.387	16.55	0.422	12.91	45.2108	104.7777599	104.777645	0.179410	104.839980	
2010	88	400	88.166666667	03/29/2010 4:00	03/29/2010 3:00	17.978	0.25553	0.387	16.54	0.422	12.9	45.2096	104.778129	104.778014	0.179780	104.840350	
2010	88	500	88.208333333	03/29/2010 5:00	03/29/2010 4:00	17.967	0.25537	0.387	16.54	0.423	12.87	45.2099	104.7780192	104.777904	0.179670	104.840240	
2010	88	600	88.250000000	03/29/2010 6:00	03/29/2010 5:00	18.272	0.25970	0.387	16.53	0.423	12.86	45.1999	104.7810621	104.780947	0.182720	104.843290	
2010	88	700	88.291666667	03/29/2010 7:00	03/29/2010 6:00	18.037	0.25636	0.387	16.53	0.423	12.88	45.2076	104.7787176	104.778602	0.180370	104.840940	
2010	88	800	88.333333333	03/29/2010 8:00	03/29/2010 7:00	18.294	0.26002	0.387	16.54	0.423	13.79	45.1992	104.7812816	104.781166	0.182940	104.843510	
2010	88	900	88.375000000	03/29/2010 9:00	03/29/2010 8:00	17.656	0.25095	0.387	16.54	0.422	13.72	45.2201	104.7749165	104.774801	0.176560	104.837130	
2010	88	1000	88.416666667	03/29/2010 10:00	03/29/2010 9:00	19.641	0.27916	0.387	16.57	0.422	13.65	45.1551	104.7947201	104.794605	0.196410	104.856980	
2010	88	1100	88.458333333	03/29/2010 11:00	03/29/2010 10:00	17.964	0.25533	0.387	16.53	0.422	13.69	45.2100	104.7779893	104.777874	0.179640	104.840210	
2010	88	1200	88.500000000	03/29/2010 12:00	03/29/2010 11:00	17.823	0.25332	0.387	16.52	0.423	13.69	45.2146	104.7765826	104.776467	0.178230	104.838800	
2010	88	1300	88.541666667	03/29/2010 13:00	03/29/2010 12:00	17.777	0.25267	0.387	16.55	0.423	13.7	45.2161	104.7761237	104.776008	0.177770	104.838340	
2010	88	1400	88.583333333	03/29/2010 14:00	03/29/2010 13:00	17.601	0.25017	0.387	16.54	0.423	13.71	45.2219	104.7743678	104.774252	0.176010	104.836580	
2010	88	1500	88.625000000	03/29/2010 15:00	03/29/2010 14:00	17.601	0.25017	0.387	16.56	0.422	13.7	45.2219	104.7743678	104.774252	0.176010	104.836580	
2010	88	1600	88.666666667	03/29/2010 16:00	03/29/2010 15:00	17.225	0.24482	0.387	16.55	0.422	13.7	45.2342	104.7706166	104.770501	0.172250	104.832820	
2010	88	1700	88.708333333	03/29/2010 17:00	03/29/2010 16:00	17.343	0.24650	0.387	16.54	0.422	13.72	45.2303	104.7717938	104.771678	0.173430	104.834000	
2010	88	1800	88.750000000	03/29/2010 18:00	03/29/2010 17:00	17.276	0.24555	0.387	16.56	0.422	13.59	45.2325	104.7711254	104.771010	0.172760	104.833330	
2010	88	1900	88.791666667	03/29/2010 19:00	03/29/2010 18:00	17.058	0.24245	0.387	16.54	0.423	13.46	45.2397	104.7689505	104.768835	0.170580	104.831150	
2010	88	2000	88.833333333	03/29/2010 20:00	03/29/2010 19:00	16.979	0.24133	0.387	16.54	0.423	13.38	45.2422	104.7681624	104.768047	0.169790	104.830360	
2010	88	2100	88.875000000	03/29/2010 21:00	03/29/2010 20:00	16.876	0.23986	0.387	16.56	0.423	13.31	45.2456	104.7671348	104.767019	0.168760	104.829330	
2010	88	2200	88.916666667	03/29/2010 22:00	03/29/2010 21:00	16.552	0.23526	0.387	16.57	0.423	13.25	45.2562	104.7639023	104.763787	0.165520	104.826090	
2010	88	2300	88.958333333	03/29/2010 23:00	03/29/2010 22:00	16.165	0.22976	0.387	16.56	0.423	13.2	45.2689	104.7600414	104.759926	0.161650	104.822220	
2010	88	2400	89.000000000	03/30/2010 0:00	03/29/2010 23:00	16.025	0.22777	0.387	16.54	0.423	13.15	45.2735	104.7586447	104.758529	0.160250	104.820820	
2010	89	100	89.041666667	03/30/2010 1:00	03/30/2010 0:00	15.908	0.22610	0.387	16.55	0.423	13.1	45.2773	104.7574774	104.757362	0.159080	104.819650	
2010	89	200	89.083333333	03/30/2010 2:00	03/30/2010 1:00	15.557	0.22112	0.387	16.56	0.422	13.05	45.2888	104.7539756	104.753860	0.155570	104.816140	
2010	89	300	89.125000000	03/30/2010 3:00	03/30/2010 2:00	15.358	0.21829	0.387	16.54	0.423	13.02	45.2953	104.7519903	104.751875	0.153580	104.814150	
2010	89	400	89.166666667	03/30/2010 4:00	03/30/2010 3:00	15.111	0.21478	0.387	16.54	0.423	12.98	45.3034	104.7495261	104.749411	0.151110	104.811680	
2010	89	500	89.208333333	03/30/2010 5:00	03/30/2010 4:00	15.159	0.21546	0.387	16.56	0.422	12.94	45.3018	104.7500049	104.749890	0.151590	104.812160	
2010	89	600	89.250000000	03/30/2010 6:00	03/30/2010 5:00	14.854	0.21112	0.387	16.55	0.422	12.92	45.3118	104.7469621	104.746847	0.148540	104.809110	
2010	89	700	89.291666667	03/30/2010 7:00	03/30/2010 6:00	14.538	0.20663	0.387	16.55	0.422	13.91	45.3221	104.7438095	104.743694	0.145380	104.805950	
2010	89	800	89.333333333	03/30/2010 8:00	03/30/2010 7:00	13.985	0.19877	0.387	16.54	0.422	13.92	45.3402	104.7382924	104.738177	0.139850	104.800420	
2010	89	900	89.375000000	03/30/2010 9:00	03/30/2010 8:00	13.712	0.19489	0.387	16.53	0.422	13.87	45.3492	104.7355688	104.735453	0.137120	104.797690	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	89	1000	89.416666667	03/30/2010 10:00	03/30/2010 9:00	13.918	0.19782	0.387	16.56	0.422	13.82	45.3424	104.737624	104.737509	0.139180	104.799750	
2010	89	1100	89.458333333	03/30/2010 11:00	03/30/2010 10:00	13.293	0.18894	0.387	16.53	0.422	13.77	45.3629	104.7313886	104.731273	0.132930	104.793500	
2010	89	1200	89.500000000	03/30/2010 12:00	03/30/2010 11:00	13.701	0.19474	0.387	16.55	0.422	13.74	45.3495	104.735459	104.735344	0.137010	104.797580	
2010	89	1300	89.541666667	03/30/2010 13:00	03/30/2010 12:00	13.337	0.18956	0.387	16.56	0.422	13.72	45.3615	104.7318276	104.731712	0.133370	104.793940	
2010	89	1400	89.583333333	03/30/2010 14:00	03/30/2010 13:00	13.391	0.19033	0.387	16.55	0.422	13.7	45.3597	104.7323663	104.732251	0.133910	104.794480	
2010	89	1500	89.625000000	03/30/2010 15:00	03/30/2010 14:00	13.086	0.18599	0.387	16.54	0.422	13.68	45.3697	104.7293234	104.729208	0.130860	104.791430	
2010	89	1600	89.666666667	03/30/2010 16:00	03/30/2010 15:00	13.226	0.18798	0.387	16.56	0.422	13.68	45.3651	104.7307202	104.730605	0.132260	104.792830	
2010	89	1700	89.708333333	03/30/2010 17:00	03/30/2010 16:00	13.238	0.18815	0.387	16.53	0.422	13.7	45.3647	104.7308399	104.730725	0.132380	104.792950	
2010	89	1800	89.750000000	03/30/2010 18:00	03/30/2010 17:00	13.298	0.18901	0.386	16.56	0.422	13.65	45.3627	104.7314385	104.731323	0.132980	104.793550	
2010	89	1900	89.791666667	03/30/2010 19:00	03/30/2010 18:00	13.339	0.18959	0.386	16.54	0.422	13.5	45.3614	104.7318475	104.731732	0.133390	104.793960	
2010	89	2000	89.833333333	03/30/2010 20:00	03/30/2010 19:00	13.296	0.18898	0.386	16.54	0.422	13.42	45.3628	104.7314185	104.731303	0.132960	104.793530	
2010	89	2100	89.875000000	03/30/2010 21:00	03/30/2010 20:00	13.089	0.18604	0.386	16.55	0.422	13.35	45.3696	104.7293534	104.729238	0.130890	104.791460	
2010	89	2200	89.916666667	03/30/2010 22:00	03/30/2010 21:00	13.22	0.18790	0.386	16.54	0.422	13.29	45.3653	104.7306603	104.730545	0.132200	104.792770	
2010	89	2300	89.958333333	03/30/2010 23:00	03/30/2010 22:00	13.292	0.18892	0.386	16.54	0.422	13.23	45.3629	104.7313786	104.731263	0.132920	104.793490	
2010	89	2400	90.000000000	03/31/2010 0:00	03/30/2010 23:00	13.116	0.18642	0.386	16.56	0.422	13.17	45.3687	104.7296227	104.729507	0.131160	104.791730	
2010	90	100	90.041666667	03/31/2010 1:00	03/31/2010 0:00	13.002	0.18480	0.386	16.54	0.422	13.12	45.3724	104.7284854	104.728370	0.130020	104.790590	
2010	90	200	90.083333333	03/31/2010 2:00	03/31/2010 1:00	13.156	0.18699	0.386	16.55	0.422	13.08	45.3674	104.7300218	104.729906	0.131560	104.792130	
2010	90	300	90.125000000	03/31/2010 3:00	03/31/2010 2:00	13.097	0.18615	0.386	16.54	0.422	13.04	45.3693	104.7294332	104.729318	0.130970	104.791540	
2010	90	400	90.166666667	03/31/2010 4:00	03/31/2010 3:00	12.98	0.18449	0.386	16.54	0.422	13	45.3731	104.7282659	104.728151	0.129800	104.790370	
2010	90	500	90.208333333	03/31/2010 5:00	03/31/2010 4:00	12.923	0.18368	0.386	16.54	0.422	12.96	45.3750	104.7276973	104.727582	0.129230	104.789800	
2010	90	600	90.250000000	03/31/2010 6:00	03/31/2010 5:00	12.725	0.18086	0.386	16.55	0.422	12.93	45.3815	104.7257219	104.725607	0.127250	104.787820	
2010	90	700	90.291666667	03/31/2010 7:00	03/31/2010 6:00	12.499	0.17765	0.386	16.54	0.422	13.82	45.3889	104.7234672	104.723352	0.124990	104.785560	
2010	90	800	90.333333333	03/31/2010 8:00	03/31/2010 7:00	12.506	0.17775	0.386	16.55	0.422	13.93	45.3887	104.723537	104.723422	0.125060	104.785630	
2010	90	900	90.375000000	03/31/2010 9:00	03/31/2010 8:00	12.092	0.17187	0.386	16.57	0.422	13.85	45.4022	104.7194067	104.719291	0.120920	104.781490	
2010	90	1000	90.416666667	03/31/2010 10:00	03/31/2010 9:00	11.853	0.16847	0.386	16.56	0.421	13.8	45.4100	104.7170223	104.716907	0.118530	104.779100	
2010	90	1100	90.458333333	03/31/2010 11:00	03/31/2010 10:00	12.341	0.17541	0.386	16.54	0.422	13.77	45.3941	104.7218909	104.721776	0.123410	104.783980	
2010	90	1200	90.500000000	03/31/2010 12:00	03/31/2010 11:00	11.883	0.16890	0.386	16.55	0.422	13.75	45.4090	104.7173216	104.717206	0.118830	104.779400	
2010	90	1300	90.541666667	03/31/2010 13:00	03/31/2010 12:00	11.624	0.16521	0.386	16.57	0.421	13.73	45.4175	104.7147376	104.714622	0.116240	104.776810	
2010	90	1400	90.583333333	03/31/2010 14:00	03/31/2010 13:00	12.184	0.17317	0.386	16.56	0.422	13.7	45.3992	104.7203245	104.720209	0.121840	104.782410	
2010	90	1500	90.625000000	03/31/2010 15:00	03/31/2010 14:00	11.374	0.16166	0.386	16.55	0.422	13.68	45.4257	104.7122435	104.712128	0.113740	104.774310	
2010	90	1600	90.666666667	03/31/2010 16:00	03/31/2010 15:00	12.064	0.17147	0.386	16.55	0.422	13.68	45.4031	104.7191273	104.719012	0.120640	104.781210	
2010	90	1700	90.708333333	03/31/2010 17:00	03/31/2010 16:00	12.146	0.17263	0.386	16.56	0.422	13.67	45.4004	104.7199454	104.719830	0.121460	104.782030	
2010	90	1800	90.750000000	03/31/2010 18:00	03/31/2010 17:00	12.347	0.17549	0.386	16.54	0.422	13.55	45.3939	104.7219507	104.721835	0.123470	104.784040	
2010	90	1900	90.791666667	03/31/2010 19:00	03/31/2010 18:00	12.247	0.17407	0.386	16.54	0.421	13.44	45.3971	104.7209531	104.720838	0.122470	104.783040	
2010	90	2000	90.833333333	03/31/2010 20:00	03/31/2010 19:00	12.356	0.17562	0.386	16.57	0.421	13.36	45.3936	104.7220405	104.721925	0.123560	104.784130	
2010	90	2100	90.875000000	03/31/2010 21:00	03/31/2010 20:00	12.42	0.17653	0.386	16.53	0.422	13.29	45.3915	104.722679	104.722564	0.124200	104.784770	
2010	90	2200	90.916666667	03/31/2010 22:00	03/31/2010 21:00	12.564	0.17857	0.386	16.53	0.422	13.23	45.3868	104.7241157	104.724000	0.125640	104.786210	
2010	90	2300	90.958333333	03/31/2010 23:00	03/31/2010 22:00	12.578	0.17877	0.386	16.53	0.422	13.19	45.3863	104.7242553	104.724140	0.125780	104.786350	
2010	90	2400	91.000000000	04/01/2010 0:00	03/31/2010 23:00	12.651	0.17981	0.386	16.54	0.422	13.13	45.3839	104.7249836	104.724868	0.126510	104.787080	
2010	91	100	91.041666667	04/01/2010 1:00	04/01/2010 0:00	12.757	0.18132	0.386	16.54	0.422	13.09	45.3804	104.7260411	104.725926	0.127570	104.788140	
2010	91	200	91.083333333	04/01/2010 2:00	04/01/2010 1:00	12.863	0.18282	0.386	16.55	0.422	13.04	45.3770	104.7270987	104.726983	0.128630	104.789200	
2010	91	300	91.125000000	04/01/2010 3:00	04/01/2010 2:00	13.006	0.18486	0.386	16.54	0.422	13.01	45.3723	104.7285253	104.728410	0.130060	104.790630	
2010	91	400	91.166666667	04/01/2010 4:00	04/01/2010 3:00	13.16	0.18705	0.386	16.53	0.422	12.97	45.3673	104.7300617	104.729946	0.131600	104.792170	
2010	91	500	91.208333333	04/01/2010 5:00	04/01/2010 4:00	13.126	0.18656	0.386	16.54	0.422	12.93	45.3684	104.7297225	104.729607	0.131260	104.791830	
2010	91	600	91.250000000	04/01/2010 6:00	04/01/2010 5:00	12.903	0.18339	0.386	16.53	0.422	12.89	45.3757	104.7274977	104.727382	0.129030	104.789600	
2010	91	700	91.291666667	04/01/2010 7:00	04/01/2010 6:00	12.82	0.18221	0.386	16.56	0.422	13.48	45.3784	104.7266697	104.726554	0.128200	104.788770	
2010	91	800	91.333333333	04/01/2010 8:00	04/01/2010 7:00	12.71	0.18065	0.386	16.53	0.422	13.96	45.3820	104.7255722	104.725457	0.127100	104.787670	
2010	91	900	91.375000000	04/01/2010 9:00	04/01/2010 8:00	12.834	0.18241	0.386	16.56	0.422	13.9	45.3779	104.7268093	104.726694	0.128340	104.788910	
2010	91	1000	91.416666667	04/01/2010 10:00	04/01/2010 9:00	12.511	0.17782	0.386	16.55	0.422	13.82	45.3885	104.7235869	104.723472	0.125110	104.785680	
2010	91	1100	91.458333333	04/01/2010 11:00	04/01/2010 10:00	12.201	0.17342	0.386	16.55	0.421	13.75	45.3986	104.7204941	104.720379	0.122010	104.782580	
2010	91	1200	91.500000000	04/01/2010 12:00	04/01/2010 11:00	12.409	0.17637	0.386	16.56	0.422	13.7	45.3918	104.7225693	104.722454	0.124090	104.784660	
2010	91	1300	91.541666667	04/01/2010 13:00	04/01/2010 12:00	12.441	0.17683	0.386	16.55	0.422	13.7	45.3908	104.7228885	104.722773	0.124410	104.784980	
2010	91	1400	91.583333333	04/01/2010 14:00	04/01/2010 13:00	11.971	0.17015	0.386	16.56	0.421	13.67	45.4062	104.7181995	104.718084	0.119710	104.780280	
2010	91	1500	91.625000000	04/01/2010 15:00	04/01/2010 14:00	11.699	0.16628	0.386	16.55	0.422	13.66	45.4151	104.7154859	104.715371	0.116990	104.777560	
2010	91	1600	91.666666667	04/01/2010 16:00	04/01/2010 15:00	11.827	0.16810	0.386	16.55	0.422	13.65	45.4109	104.7167629	104.716648	0.118270	104.778840	
2010	91	1700	91.708333333	04/01/2010 17:00	04/01/2010 16:00	12.355	0.17560	0.386	16.58	0.422	13.65	45.3936	104.7220305	104.721915	0.123550	104.784120	
2010	91	1800	91.750000000	04/01/2010 18:00	04/01/2010 17:00	12.392	0.17613	0.386	16.56	0.422	13.6	45.3924	104.7223997	104.722284	0.123920	104.784490	
2010	91	1900	91.791666667	04/01/2010 19:00	04/01/2010 18:00	12.302	0.17485	0.386	16.55	0.422	13.45	45.3953	104.7215018	104.721386	0.123020	104.783590	
2010	91	2000	91.833333333	04/01/2010 20:00	04/01/2010 19:00	12.225	0.17376	0.386	16.53	0.422	13.36	45.3979	104.7207336	104.720618	0.122250	104.782820	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	91	2100	91.875000000	04/01/2010 21:00	04/01/2010 20:00	12.064	0.17147	0.386	16.53	0.422	13.29	45.4031	104.7191273	104.719012	0.120640	104.781210	
2010	91	2200	91.916666667	04/01/2010 22:00	04/01/2010 21:00	12.185	0.17319	0.386	16.56	0.422	13.24	45.3992	104.7203345	104.720219	0.121850	104.782420	
2010	91	2300	91.958333333	04/01/2010 23:00	04/01/2010 22:00	12	0.17056	0.386	16.54	0.422	13.19	45.4052	104.7184888	104.718374	0.120000	104.780570	
2010	91	2400	92.000000000	04/02/2010 0:00	04/01/2010 23:00	12.012	0.17073	0.386	16.56	0.422	13.13	45.4048	104.7186086	104.718493	0.120120	104.780690	
2010	92	100	92.041666667	04/02/2010 1:00	04/02/2010 0:00	12.096	0.17192	0.386	16.54	0.422	13.09	45.4021	104.7194466	104.719331	0.120960	104.781530	
2010	92	200	92.083333333	04/02/2010 2:00	04/02/2010 1:00	12.158	0.17280	0.386	16.57	0.422	13.05	45.4000	104.7200652	104.719950	0.121580	104.782150	
2010	92	300	92.125000000	04/02/2010 3:00	04/02/2010 2:00	12.216	0.17363	0.386	16.54	0.422	13	45.3982	104.7206438	104.720528	0.122160	104.782730	
2010	92	400	92.166666667	04/02/2010 4:00	04/02/2010 3:00	12.439	0.17680	0.386	16.54	0.422	12.97	45.3909	104.7228686	104.722753	0.124390	104.784960	
2010	92	500	92.208333333	04/02/2010 5:00	04/02/2010 4:00	12.707	0.18061	0.386	16.56	0.422	12.93	45.3821	104.7255423	104.725427	0.127070	104.787640	
2010	92	600	92.250000000	04/02/2010 6:00	04/02/2010 5:00	12.859	0.18277	0.386	16.55	0.422	12.9	45.3771	104.7270587	104.726943	0.128590	104.789160	
2010	92	700	92.291666667	04/02/2010 7:00	04/02/2010 6:00	13.21	0.18776	0.386	16.54	0.422	12.87	45.3656	104.7305605	104.730445	0.132100	104.792670	
2010	92	800	92.333333333	04/02/2010 8:00	04/02/2010 7:00	13.034	0.18526	0.386	16.56	0.422	13.89	45.3714	104.7288047	104.728689	0.130340	104.790910	
2010	92	900	92.375000000	04/02/2010 9:00	04/02/2010 8:00	13.49	0.19174	0.386	16.54	0.422	13.92	45.3565	104.733354	104.733239	0.134900	104.795470	
2010	92	1000	92.416666667	04/02/2010 10:00	04/02/2010 9:00	13.854	0.19691	0.386	16.55	0.422	13.78	45.3445	104.7369855	104.736870	0.138540	104.799110	
2010	92	1100	92.458333333	04/02/2010 11:00	04/02/2010 10:00	13.832	0.19660	0.386	16.57	0.421	13.96	45.3453	104.736766	104.736651	0.138320	104.798890	
2010	92	1200	92.500000000	04/02/2010 12:00	04/02/2010 11:00	14.008	0.19910	0.386	16.54	0.422	13.94	45.3395	104.7385219	104.738407	0.140080	104.800650	
2010	92	1300	92.541666667	04/02/2010 13:00	04/02/2010 12:00	14.125	0.20076	0.386	16.54	0.422	13.89	45.3357	104.7396891	104.739574	0.141250	104.801820	
2010	92	1400	92.583333333	04/02/2010 14:00	04/02/2010 13:00	13.602	0.19333	0.386	16.52	0.422	13.82	45.3528	104.7344714	104.734356	0.136020	104.796590	
2010	92	1500	92.625000000	04/02/2010 15:00	04/02/2010 14:00	14.594	0.20743	0.386	16.57	0.422	13.76	45.3203	104.7443682	104.744253	0.145940	104.806510	
2010	92	1600	92.666666667	04/02/2010 16:00	04/02/2010 15:00	14.672	0.20854	0.386	16.55	0.421	13.74	45.3178	104.7451463	104.745031	0.146720	104.807290	
2010	92	1700	92.708333333	04/02/2010 17:00	04/02/2010 16:00	15.116	0.21485	0.386	16.57	0.422	13.74	45.3032	104.7495759	104.749461	0.151160	104.811730	
2010	92	1800	92.750000000	04/02/2010 18:00	04/02/2010 17:00	15.529	0.22072	0.386	16.55	0.422	13.76	45.2897	104.7536963	104.753581	0.155290	104.815860	
2010	92	1900	92.791666667	04/02/2010 19:00	04/02/2010 18:00	15.557	0.22112	0.386	16.55	0.422	13.55	45.2888	104.7539756	104.753860	0.155570	104.816140	
2010	92	2000	92.833333333	04/02/2010 20:00	04/02/2010 19:00	15.502	0.22033	0.386	16.54	0.422	13.46	45.2906	104.7534269	104.753312	0.155020	104.815590	
2010	92	2100	92.875000000	04/02/2010 21:00	04/02/2010 20:00	16.153	0.22959	0.386	16.56	0.422	13.38	45.2693	104.7599217	104.759806	0.161530	104.822100	
2010	92	2200	92.916666667	04/02/2010 22:00	04/02/2010 21:00	16.167	0.22979	0.386	16.56	0.422	13.32	45.2688	104.7600614	104.759946	0.161670	104.822240	
2010	92	2300	92.958333333	04/02/2010 23:00	04/02/2010 22:00	16.298	0.23165	0.386	16.55	0.422	13.26	45.2645	104.7613683	104.761253	0.162980	104.823550	
2010	92	2400	93.000000000	04/03/2010 0:00	04/02/2010 23:00	16.193	0.23015	0.386	16.56	0.422	13.21	45.2680	104.7603207	104.760205	0.161930	104.822500	
2010	93	100	93.041666667	04/03/2010 1:00	04/03/2010 0:00	16.451	0.23382	0.386	16.56	0.422	13.15	45.2595	104.7628947	104.762779	0.164510	104.825080	
2010	93	200	93.083333333	04/03/2010 2:00	04/03/2010 1:00	16.475	0.23416	0.386	16.55	0.422	13.1	45.2587	104.7631341	104.763019	0.164750	104.825320	
2010	93	300	93.125000000	04/03/2010 3:00	04/03/2010 2:00	16.677	0.23703	0.386	16.56	0.422	13.06	45.2521	104.7651494	104.765034	0.166770	104.827340	
2010	93	400	93.166666667	04/03/2010 4:00	04/03/2010 3:00	16.712	0.23753	0.386	16.53	0.422	13.02	45.2510	104.7654986	104.765383	0.167120	104.827690	
2010	93	500	93.208333333	04/03/2010 5:00	04/03/2010 4:00	17.062	0.24251	0.386	16.55	0.422	12.98	45.2395	104.7689904	104.768875	0.170620	104.831190	
2010	93	600	93.250000000	04/03/2010 6:00	04/03/2010 5:00	17.179	0.24417	0.386	16.54	0.422	12.95	45.2357	104.7701577	104.770042	0.171790	104.832360	
2010	93	700	93.291666667	04/03/2010 7:00	04/03/2010 6:00	17.191	0.24434	0.386	16.56	0.422	13.93	45.2353	104.7702774	104.770162	0.171910	104.832480	
2010	93	800	93.333333333	04/03/2010 8:00	04/03/2010 7:00	17.472	0.24833	0.386	16.55	0.422	13.92	45.2261	104.7730808	104.772965	0.174720	104.835290	
2010	93	900	93.375000000	04/03/2010 9:00	04/03/2010 8:00	17.974	0.25547	0.386	16.55	0.422	13.9	45.2097	104.7780891	104.777974	0.179740	104.840310	
2010	93	1000	93.416666667	04/03/2010 10:00	04/03/2010 9:00	17.831	0.25344	0.386	16.55	0.422	13.85	45.2144	104.7766624	104.776547	0.178310	104.838880	
2010	93	1100	93.458333333	04/03/2010 11:00	04/03/2010 10:00	17.861	0.25386	0.386	16.54	0.422	13.84	45.2134	104.7769617	104.776846	0.178610	104.839180	
2010	93	1200	93.500000000	04/03/2010 12:00	04/03/2010 11:00	18.131	0.25770	0.386	16.55	0.422	13.83	45.2045	104.7796554	104.779540	0.181310	104.841880	
2010	93	1300	93.541666667	04/03/2010 13:00	04/03/2010 12:00	18	0.25584	0.386	16.56	0.422	13.82	45.2088	104.7783485	104.778233	0.180000	104.840570	
2010	93	1400	93.583333333	04/03/2010 14:00	04/03/2010 13:00	18.199	0.25867	0.386	16.56	0.422	13.79	45.2023	104.7803338	104.780218	0.181990	104.842560	
2010	93	1500	93.625000000	04/03/2010 15:00	04/03/2010 14:00	18.394	0.26144	0.386	16.55	0.422	13.78	45.1959	104.7822793	104.782164	0.183940	104.844510	
2010	93	1600	93.666666667	04/03/2010 16:00	04/03/2010 15:00	18.241	0.25926	0.386	16.56	0.422	13.78	45.2009	104.7807528	104.780637	0.182410	104.842980	
2010	93	1700	93.708333333	04/03/2010 17:00	04/03/2010 16:00	18.218	0.25894	0.386	16.55	0.422	13.78	45.2017	104.7805234	104.780408	0.182180	104.842750	
2010	93	1800	93.750000000	04/03/2010 18:00	04/03/2010 17:00	18.535	0.26344	0.386	16.54	0.422	13.64	45.1913	104.783686	104.783571	0.185350	104.845920	
2010	93	1900	93.791666667	04/03/2010 19:00	04/03/2010 18:00	18.634	0.26485	0.386	16.57	0.422	13.52	45.1881	104.7846736	104.784558	0.186340	104.846910	
2010	93	2000	93.833333333	04/03/2010 20:00	04/03/2010 19:00	18.59	0.26422	0.386	16.55	0.422	13.43	45.1895	104.7842347	104.784119	0.185900	104.846470	
2010	93	2100	93.875000000	04/03/2010 21:00	04/03/2010 20:00	18.549	0.26364	0.386	16.56	0.422	13.36	45.1909	104.7838256	104.783710	0.185490	104.846060	
2010	93	2200	93.916666667	04/03/2010 22:00	04/03/2010 21:00	18.598	0.26434	0.386	16.55	0.422	13.3	45.1893	104.7843145	104.784199	0.185980	104.846550	
2010	93	2300	93.958333333	04/03/2010 23:00	04/03/2010 22:00	18.634	0.26485	0.386	16.54	0.422	13.24	45.1881	104.7846736	104.784558	0.186340	104.846910	
2010	93	2400	94.000000000	04/04/2010 0:00	04/03/2010 23:00	18.564	0.26385	0.386	16.55	0.422	13.19	45.1904	104.7839753	104.783860	0.185640	104.846210	
2010	94	100	94.041666667	04/04/2010 1:00	04/04/2010 0:00	18.605	0.26444	0.386	16.53	0.422	13.14	45.1890	104.7843843	104.784269	0.186050	104.846620	
2010	94	200	94.083333333	04/04/2010 2:00	04/04/2010 1:00	18.524	0.26329	0.387	16.55	0.422	13.09	45.1917	104.7835762	104.783461	0.185240	104.845810	
2010	94	300	94.125000000	04/04/2010 3:00	04/04/2010 2:00	18.525	0.26330	0.386	16.54	0.422	13.04	45.1916	104.7835862	104.783471	0.185250	104.845820	
2010	94	400	94.166666667	04/04/2010 4:00	04/04/2010 3:00	18.313	0.26029	0.386	16.56	0.422	13.01	45.1986	104.7814711	104.781356	0.183130	104.843700	
2010	94	500	94.208333333	04/04/2010 5:00	04/04/2010 4:00	18.454	0.26229	0.386	16.56	0.422	12.97	45.1940	104.7828778	104.782763	0.184540	104.845110	
2010	94	600	94.250000000	04/04/2010 6:00	04/04/2010 5:00	18.454	0.26229	0.386	16.56	0.422	12.93	45.1940	104.7828778	104.782763	0.184540	104.845110	
2010	94	700	94.291666667	04/04/2010 7:00	04/04/2010 6:00	18.278	0.25979	0.386	16.55	0.422	13.98	45.1997	104.781122	104.781007	0.182780	104.843350	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	94	800	94.333333333	04/04/2010 8:00	04/04/2010 7:00	18.275	0.25975	0.386	16.56	0.422	13.94	45.1998	104.781092	104.780977	0.182750	104.843320	
2010	94	900	94.375000000	04/04/2010 9:00	04/04/2010 8:00	18.033	0.25631	0.387	16.56	0.422	13.88	45.2078	104.7786777	104.778562	0.180330	104.840900	
2010	94	1000	94.416666667	04/04/2010 10:00	04/04/2010 9:00	18.647	0.26503	0.386	16.56	0.422	13.8	45.1877	104.7848033	104.784688	0.186470	104.847040	
2010	94	1100	94.458333333	04/04/2010 11:00	04/04/2010 10:00	18.535	0.26344	0.386	16.57	0.422	13.74	45.1913	104.783686	104.783571	0.185350	104.845920	
2010	94	1200	94.500000000	04/04/2010 12:00	04/04/2010 11:00	18.153	0.25801	0.386	16.56	0.422	13.69	45.2038	104.7798749	104.779760	0.181530	104.842100	
2010	94	1300	94.541666667	04/04/2010 13:00	04/04/2010 12:00	18.374	0.26115	0.386	16.55	0.422	13.67	45.1966	104.7820797	104.781964	0.183740	104.844310	
2010	94	1400	94.583333333	04/04/2010 14:00	04/04/2010 13:00	19.051	0.27078	0.386	16.55	0.422	13.65	45.1744	104.7888339	104.788719	0.190510	104.851080	
2010	94	1500	94.625000000	04/04/2010 15:00	04/04/2010 14:00	18.757	0.26660	0.386	16.56	0.422	13.67	45.1841	104.7859008	104.785785	0.187570	104.848140	
2010	94	1600	94.666666667	04/04/2010 16:00	04/04/2010 15:00	19.077	0.27115	0.387	16.56	0.422	13.66	45.1736	104.7890933	104.788978	0.190770	104.851340	
2010	94	1700	94.708333333	04/04/2010 17:00	04/04/2010 16:00	18.889	0.26847	0.387	16.55	0.422	13.68	45.1797	104.7872177	104.787102	0.188890	104.849460	
2010	94	1800	94.750000000	04/04/2010 18:00	04/04/2010 17:00	18.996	0.26999	0.387	16.56	0.422	13.56	45.1762	104.7882852	104.788170	0.189960	104.850530	
2010	94	1900	94.791666667	04/04/2010 19:00	04/04/2010 18:00	18.976	0.26971	0.386	16.57	0.422	13.44	45.1769	104.7880856	104.787970	0.189760	104.850330	
2010	94	2000	94.833333333	04/04/2010 20:00	04/04/2010 19:00	18.992	0.26994	0.387	16.55	0.422	13.34	45.1764	104.7882453	104.788130	0.189920	104.850490	
2010	94	2100	94.875000000	04/04/2010 21:00	04/04/2010 20:00	18.972	0.26965	0.386	16.54	0.422	13.28	45.1770	104.7880457	104.787930	0.189720	104.850290	
2010	94	2200	94.916666667	04/04/2010 22:00	04/04/2010 21:00	18.796	0.26715	0.386	16.55	0.422	13.22	45.1828	104.7862898	104.786175	0.187960	104.848530	
2010	94	2300	94.958333333	04/04/2010 23:00	04/04/2010 22:00	18.516	0.26317	0.386	16.55	0.422	13.17	45.1919	104.7834964	104.783381	0.185160	104.845730	
2010	94	2400	95.000000000	04/05/2010 0:00	04/04/2010 23:00	18.679	0.26549	0.386	16.54	0.422	13.12	45.1866	104.7851226	104.785007	0.186790	104.847360	
2010	95	100	95.041666667	04/05/2010 1:00	04/05/2010 0:00	18.691	0.26566	0.386	16.56	0.422	13.07	45.1862	104.7852423	104.785127	0.186910	104.847480	
2010	95	200	95.083333333	04/05/2010 2:00	04/05/2010 1:00	18.87	0.26820	0.386	16.55	0.422	13.03	45.1804	104.7870281	104.786913	0.188700	104.849270	
2010	95	300	95.125000000	04/05/2010 3:00	04/05/2010 2:00	18.942	0.26923	0.386	16.54	0.422	12.99	45.1780	104.7877464	104.787631	0.189420	104.849990	
2010	95	400	95.166666667	04/05/2010 4:00	04/05/2010 3:00	18.947	0.26930	0.387	16.53	0.422	12.95	45.1778	104.7877963	104.787681	0.189470	104.850040	
2010	95	500	95.208333333	04/05/2010 5:00	04/05/2010 4:00	19.089	0.27132	0.386	16.55	0.422	12.92	45.1732	104.789213	104.789098	0.190890	104.851460	
2010	95	600	95.250000000	04/05/2010 6:00	04/05/2010 5:00	19.138	0.27201	0.386	16.55	0.422	12.88	45.1716	104.7897018	104.789586	0.191380	104.851950	
2010	95	700	95.291666667	04/05/2010 7:00	04/05/2010 6:00	19.269	0.27387	0.386	16.54	0.422	13.12	45.1673	104.7910088	104.790893	0.192690	104.853260	
2010	95	800	95.333333333	04/05/2010 8:00	04/05/2010 7:00	18.952	0.26937	0.386	16.56	0.422	13.9	45.1777	104.7878462	104.787731	0.189520	104.850090	
2010	95	900	95.375000000	04/05/2010 9:00	04/05/2010 8:00	18.901	0.26864	0.386	16.57	0.422	13.86	45.1793	104.7873374	104.787222	0.189010	104.849580	
2010	95	1000	95.416666667	04/05/2010 10:00	04/05/2010 9:00	19.339	0.27487	0.386	16.57	0.422	13.78	45.1650	104.7917071	104.791592	0.193390	104.853960	
2010	95	1100	95.458333333	04/05/2010 11:00	04/05/2010 10:00	18.91	0.26877	0.386	16.55	0.422	13.73	45.1790	104.7874272	104.787312	0.189100	104.849670	
2010	95	1200	95.500000000	04/05/2010 12:00	04/05/2010 11:00	19.021	0.27035	0.386	16.56	0.422	13.68	45.1754	104.7885346	104.788419	0.190210	104.850780	
2010	95	1300	95.541666667	04/05/2010 13:00	04/05/2010 12:00	18.55	0.26366	0.387	16.56	0.422	13.68	45.1908	104.7838356	104.783720	0.185500	104.846070	
2010	95	1400	95.583333333	04/05/2010 14:00	04/05/2010 13:00	19.942	0.28344	0.387	16.57	0.422	13.65	45.1453	104.797723	104.797608	0.199420	104.859990	
2010	95	1500	95.625000000	04/05/2010 15:00	04/05/2010 14:00	18.021	0.25614	0.387	16.57	0.422	13.68	45.2081	104.778558	104.778443	0.180210	104.840780	
2010	95	1600	95.666666667	04/05/2010 16:00	04/05/2010 15:00	18.135	0.25776	0.386	16.56	0.422	13.63	45.2044	104.7796953	104.779580	0.181350	104.841920	
2010	95	1700	95.708333333	04/05/2010 17:00	04/05/2010 16:00	18.192	0.25857	0.386	16.56	0.422	13.65	45.2025	104.780264	104.780149	0.181920	104.842490	
2010	95	1800	95.750000000	04/05/2010 18:00	04/05/2010 17:00	18.605	0.26444	0.386	16.57	0.422	13.55	45.1890	104.7843843	104.784269	0.186050	104.846620	
2010	95	1900	95.791666667	04/05/2010 19:00	04/05/2010 18:00	18.469	0.26250	0.386	16.57	0.422	13.42	45.1935	104.7830275	104.782912	0.184690	104.845260	
2010	95	2000	95.833333333	04/05/2010 20:00	04/05/2010 19:00	18.288	0.25993	0.386	16.56	0.422	13.34	45.1994	104.7812217	104.781106	0.182880	104.843450	
2010	95	2100	95.875000000	04/05/2010 21:00	04/05/2010 20:00	18.233	0.25915	0.386	16.55	0.422	13.27	45.2012	104.780673	104.780558	0.182330	104.842900	
2010	95	2200	95.916666667	04/05/2010 22:00	04/05/2010 21:00	17.919	0.25469	0.386	16.55	0.422	13.21	45.2115	104.7775404	104.777425	0.179190	104.839760	
2010	95	2300	95.958333333	04/05/2010 23:00	04/05/2010 22:00	17.779	0.25270	0.386	16.56	0.422	13.16	45.2161	104.7761436	104.776028	0.177790	104.838360	
2010	95	2400	96.000000000	04/06/2010 0:00	04/05/2010 23:00	17.803	0.25304	0.386	16.57	0.422	13.11	45.2153	104.7763831	104.776268	0.178030	104.838600	
2010	96	100	96.041666667	04/06/2010 1:00	04/06/2010 0:00	17.475	0.24838	0.386	16.55	0.422	13.06	45.2260	104.7731108	104.772995	0.174750	104.835320	
2010	96	200	96.083333333	04/06/2010 2:00	04/06/2010 1:00	17.757	0.25238	0.386	16.57	0.422	13.02	45.2168	104.7759242	104.775809	0.177570	104.838140	
2010	96	300	96.125000000	04/06/2010 3:00	04/06/2010 2:00	17.29	0.24575	0.386	16.55	0.422	12.98	45.2321	104.7712651	104.771150	0.172900	104.833470	
2010	96	400	96.166666667	04/06/2010 4:00	04/06/2010 3:00	17.163	0.24394	0.386	16.56	0.422	12.94	45.2362	104.7699981	104.769883	0.171630	104.832200	
2010	96	500	96.208333333	04/06/2010 5:00	04/06/2010 4:00	17.011	0.24178	0.386	16.56	0.422	12.91	45.2412	104.7684816	104.768366	0.170110	104.830680	
2010	96	600	96.250000000	04/06/2010 6:00	04/06/2010 5:00	16.683	0.23712	0.386	16.54	0.422	12.88	45.2519	104.7652093	104.765094	0.166830	104.827400	
2010	96	700	96.291666667	04/06/2010 7:00	04/06/2010 6:00	16.86	0.23964	0.386	16.55	0.422	13.86	45.2461	104.7669751	104.766860	0.168600	104.829170	
2010	96	800	96.333333333	04/06/2010 8:00	04/06/2010 7:00	16.13	0.22926	0.386	16.56	0.422	13.89	45.2700	104.7596922	104.759577	0.161300	104.821870	
2010	96	900	96.375000000	04/06/2010 9:00	04/06/2010 8:00	16.571	0.23553	0.386	16.57	0.422	13.82	45.2556	104.7640919	104.763977	0.165710	104.826280	
2010	96	1000	96.416666667	04/06/2010 10:00	04/06/2010 9:00	16.251	0.23098	0.386	16.56	0.422	13.76	45.2661	104.7608994	104.760784	0.162510	104.823080	
2010	96	1100	96.458333333	04/06/2010 11:00	04/06/2010 10:00	15.742	0.22374	0.386	16.57	0.422	13.74	45.2827	104.7558213	104.755706	0.157420	104.817990	
2010	96	1200	96.500000000	04/06/2010 12:00	04/06/2010 11:00	15.809	0.22470	0.386	16.57	0.422	13.7	45.2805	104.7564897	104.756374	0.158090	104.818660	
2010	96	1300	96.541666667	04/06/2010 13:00	04/06/2010 12:00	15.654	0.22249	0.386	16.55	0.422	13.7	45.2856	104.7549434	104.754828	0.156540	104.817110	
2010	96	1400	96.583333333	04/06/2010 14:00	04/06/2010 13:00	14.927	0.21216	0.386	16.56	0.422	13.68	45.3094	104.7476904	104.747575	0.149270	104.809840	
2010	96	1500	96.625000000	04/06/2010 15:00	04/06/2010 14:00	15.384	0.21866	0.386	16.57	0.422	13.69	45.2945	104.7522497	104.752134	0.153840	104.814410	
2010	96	1600	96.666666667	04/06/2010 16:00	04/06/2010 15:00	15.514	0.22050	0.386	16.57	0.422	13.69	45.2902	104.7535466	104.753431	0.155140	104.815710	
2010	96	1700	96.708333333	04/06/2010 17:00	04/06/2010 16:00	15.361	0.21833	0.386	16.57	0.422	13.69	45.2952	104.7520202	104.751905	0.153610	104.814180	
2010	96	1800	96.750000000	04/06/2010 18:00	04/06/2010 17:00	15.314	0.21766	0.386	16.57	0.422	13.65	45.2967	104.7515513	104.751436	0.153140	104.813710	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	96	1900	96.791666667	04/06/2010 19:00	04/06/2010 18:00	15.35	0.21817	0.386	16.58	0.422	13.48	45.2956	104.7519105	104.751795	0.153500	104.814070	
2010	96	2000	96.833333333	04/06/2010 20:00	04/06/2010 19:00	15.003	0.21324	0.386	16.55	0.422	13.39	45.3069	104.7484486	104.748333	0.150030	104.810600	
2010	96	2100	96.875000000	04/06/2010 21:00	04/06/2010 20:00	15.172	0.21564	0.386	16.55	0.422	13.31	45.3014	104.7501346	104.750019	0.151720	104.812290	
2010	96	2200	96.916666667	04/06/2010 22:00	04/06/2010 21:00	15.091	0.21449	0.386	16.57	0.422	13.26	45.3040	104.7493265	104.749211	0.150910	104.811480	
2010	96	2300	96.958333333	04/06/2010 23:00	04/06/2010 22:00	14.894	0.21169	0.386	16.58	0.422	13.2	45.3105	104.7473611	104.747246	0.148940	104.809510	
2010	96	2400	97.000000000	04/07/2010 0:00	04/06/2010 23:00	14.839	0.21091	0.386	16.56	0.422	13.15	45.3123	104.7468124	104.746697	0.148390	104.808960	
2010	97	100	97.041666667	04/07/2010 1:00	04/07/2010 0:00	14.783	0.21011	0.386	16.54	0.422	13.1	45.3141	104.7462537	104.746138	0.147830	104.808400	
2010	97	200	97.083333333	04/07/2010 2:00	04/07/2010 1:00	14.606	0.20760	0.386	16.54	0.422	13.05	45.3199	104.7444879	104.744373	0.146060	104.806630	
2010	97	300	97.125000000	04/07/2010 3:00	04/07/2010 2:00	14.501	0.20611	0.386	16.54	0.422	13.01	45.3234	104.7434403	104.743325	0.145010	104.805580	
2010	97	400	97.166666667	04/07/2010 4:00	04/07/2010 3:00	14.478	0.20578	0.386	16.55	0.422	12.97	45.3241	104.7432109	104.743096	0.144780	104.805350	
2010	97	500	97.208333333	04/07/2010 5:00	04/07/2010 4:00	14.596	0.20746	0.386	16.56	0.422	12.93	45.3202	104.7443881	104.744273	0.145960	104.806530	
2010	97	600	97.250000000	04/07/2010 6:00	04/07/2010 5:00	14.314	0.20345	0.386	16.55	0.422	13	45.3295	104.7415747	104.741459	0.143140	104.803710	
2010	97	700	97.291666667	04/07/2010 7:00	04/07/2010 6:00	14.241	0.20241	0.386	16.56	0.422	13.88	45.3319	104.7408464	104.740731	0.142410	104.802980	
2010	97	800	97.333333333	04/07/2010 8:00	04/07/2010 7:00	14.343	0.20386	0.386	16.55	0.422	13.84	45.3285	104.741864	104.741749	0.143430	104.804000	
2010	97	900	97.375000000	04/07/2010 9:00	04/07/2010 8:00	13.964	0.19847	0.386	16.56	0.421	13.8	45.3409	104.7380829	104.737968	0.139640	104.800210	
2010	97	1000	97.416666667	04/07/2010 10:00	04/07/2010 9:00	13.89	0.19742	0.386	16.56	0.421	13.76	45.3434	104.7373446	104.737229	0.138900	104.799470	
2010	97	1100	97.458333333	04/07/2010 11:00	04/07/2010 10:00	13.957	0.19837	0.386	16.56	0.422	13.7	45.3412	104.7380131	104.737898	0.139570	104.800140	
2010	97	1200	97.500000000	04/07/2010 12:00	04/07/2010 11:00	13.203	0.18766	0.386	16.55	0.421	13.66	45.3658	104.7304907	104.730375	0.132030	104.792600	
2010	97	1300	97.541666667	04/07/2010 13:00	04/07/2010 12:00	13.739	0.19528	0.386	16.55	0.422	13.62	45.3483	104.7358382	104.735723	0.137390	104.797960	
2010	97	1400	97.583333333	04/07/2010 14:00	04/07/2010 13:00	13.537	0.19240	0.386	16.57	0.422	13.6	45.3549	104.7338229	104.733708	0.135370	104.795940	
2010	97	1500	97.625000000	04/07/2010 15:00	04/07/2010 14:00	13.429	0.19087	0.386	16.57	0.421	13.57	45.3584	104.7327454	104.732630	0.134290	104.794860	
2010	97	1600	97.666666667	04/07/2010 16:00	04/07/2010 15:00	13.803	0.19619	0.386	16.57	0.421	13.57	45.3462	104.7364767	104.736361	0.138030	104.798600	
2010	97	1700	97.708333333	04/07/2010 17:00	04/07/2010 16:00	13.745	0.19536	0.386	16.56	0.422	13.58	45.3481	104.735898	104.735783	0.137450	104.798020	
2010	97	1800	97.750000000	04/07/2010 18:00	04/07/2010 17:00	13.597	0.19326	0.386	16.55	0.422	13.42	45.3529	104.7344215	104.734306	0.135970	104.796540	
2010	97	1900	97.791666667	04/07/2010 19:00	04/07/2010 18:00	13.577	0.19297	0.386	16.56	0.422	13.32	45.3536	104.734222	104.734107	0.135770	104.796340	
2010	97	2000	97.833333333	04/07/2010 20:00	04/07/2010 19:00	13.379	0.19016	0.386	16.57	0.422	13.24	45.3601	104.7322466	104.732131	0.133790	104.794360	
2010	97	2100	97.875000000	04/07/2010 21:00	04/07/2010 20:00	13.345	0.18968	0.386	16.54	0.421	13.18	45.3612	104.7319074	104.731792	0.133450	104.794020	
2010	97	2200	97.916666667	04/07/2010 22:00	04/07/2010 21:00	13.22	0.18790	0.386	16.55	0.421	13.12	45.3653	104.7306603	104.730545	0.132200	104.792770	
2010	97	2300	97.958333333	04/07/2010 23:00	04/07/2010 22:00	13.01	0.18491	0.386	16.55	0.421	13.08	45.3722	104.7285652	104.728450	0.130100	104.790670	
2010	97	2400	98.000000000	04/08/2010 0:00	04/07/2010 23:00	12.859	0.18277	0.386	16.55	0.422	13.03	45.3771	104.7270587	104.726943	0.128590	104.789160	
2010	98	100	98.041666667	04/08/2010 1:00	04/08/2010 0:00	12.836	0.18244	0.386	16.55	0.422	12.99	45.3779	104.7268293	104.726714	0.128360	104.788930	
2010	98	200	98.083333333	04/08/2010 2:00	04/08/2010 1:00	12.967	0.18430	0.386	16.55	0.422	12.95	45.3736	104.7281362	104.728021	0.129670	104.790240	
2010	98	300	98.125000000	04/08/2010 3:00	04/08/2010 2:00	13.014	0.18497	0.386	16.57	0.421	12.92	45.3720	104.7286051	104.728490	0.130140	104.790710	
2010	98	400	98.166666667	04/08/2010 4:00	04/08/2010 3:00	13.684	0.19449	0.386	16.57	0.421	12.89	45.3501	104.7352894	104.735174	0.136840	104.797410	
2010	98	500	98.208333333	04/08/2010 5:00	04/08/2010 4:00	13.918	0.19782	0.386	16.55	0.422	12.87	45.3424	104.737624	104.737509	0.139180	104.799750	
2010	98	600	98.250000000	04/08/2010 6:00	04/08/2010 5:00	14.516	0.20632	0.386	16.57	0.422	12.86	45.3229	104.74359	104.743475	0.145160	104.805730	
2010	98	700	98.291666667	04/08/2010 7:00	04/08/2010 6:00	14.411	0.20483	0.386	16.56	0.421	13.65	45.3263	104.7425424	104.742427	0.144110	104.804680	
2010	98	800	98.333333333	04/08/2010 8:00	04/08/2010 7:00	14.364	0.20416	0.386	16.56	0.422	13.85	45.3278	104.7420735	104.741958	0.143640	104.804210	
2010	98	900	98.375000000	04/08/2010 9:00	04/08/2010 8:00	15.29	0.21732	0.386	16.54	0.422	13.81	45.2975	104.7513119	104.751197	0.152900	104.813470	
2010	98	1000	98.416666667	04/08/2010 10:00	04/08/2010 9:00	15.793	0.22447	0.386	16.54	0.422	13.78	45.2811	104.7563301	104.756215	0.157930	104.818500	
2010	98	1100	98.458333333	04/08/2010 11:00	04/08/2010 10:00	15.426	0.21925	0.386	16.55	0.421	13.75	45.2931	104.7526687	104.752553	0.154260	104.814830	
2010	98	1200	98.500000000	04/08/2010 12:00	04/08/2010 11:00	15.542	0.22090	0.386	16.58	0.421	13.73	45.2893	104.753826	104.753711	0.155420	104.815990	
2010	98	1300	98.541666667	04/08/2010 13:00	04/08/2010 12:00	16.185	0.23004	0.386	16.55	0.422	13.74	45.2682	104.7602409	104.760126	0.161850	104.822420	
2010	98	1400	98.583333333	04/08/2010 14:00	04/08/2010 13:00	16.219	0.23052	0.386	16.58	0.421	13.72	45.2671	104.7605801	104.760465	0.162190	104.822760	
2010	98	1500	98.625000000	04/08/2010 15:00	04/08/2010 14:00	16.722	0.23767	0.386	16.55	0.421	13.72	45.2507	104.7655984	104.765483	0.167220	104.827790	
2010	98	1600	98.666666667	04/08/2010 16:00	04/08/2010 15:00	16.827	0.23917	0.386	16.55	0.421	13.72	45.2472	104.7666459	104.766531	0.168270	104.828840	
2010	98	1700	98.708333333	04/08/2010 17:00	04/08/2010 16:00	16.921	0.24050	0.386	16.55	0.421	13.74	45.2441	104.7675837	104.767468	0.169210	104.829780	
2010	98	1800	98.750000000	04/08/2010 18:00	04/08/2010 17:00	17.126	0.24342	0.386	16.55	0.422	13.66	45.2374	104.7696289	104.769514	0.171260	104.831830	
2010	98	1900	98.791666667	04/08/2010 19:00	04/08/2010 18:00	17.297	0.24585	0.386	16.57	0.422	13.52	45.2318	104.7713349	104.771220	0.172970	104.833540	
2010	98	2000	98.833333333	04/08/2010 20:00	04/08/2010 19:00	17.327	0.24627	0.386	16.56	0.422	13.44	45.2309	104.7716342	104.771519	0.173270	104.833840	
2010	98	2100	98.875000000	04/08/2010 21:00	04/08/2010 20:00	17.319	0.24616	0.386	16.58	0.422	13.36	45.2311	104.7715544	104.771439	0.173190	104.833760	
2010	98	2200	98.916666667	04/08/2010 22:00	04/08/2010 21:00	17.546	0.24939	0.386	16.58	0.422	13.31	45.2237	104.7738191	104.773704	0.175460	104.836030	
2010	98	2300	98.958333333	04/08/2010 23:00	04/08/2010 22:00	17.689	0.25142	0.386	16.57	0.422	13.25	45.2190	104.7752457	104.775130	0.176890	104.837460	
2010	98	2400	99.000000000	04/09/2010 0:00	04/08/2010 23:00	17.819	0.25327	0.386	16.55	0.422	13.21	45.2148	104.7765427	104.776427	0.178190	104.838760	
2010	99	100	99.041666667	04/09/2010 1:00	04/09/2010 0:00	17.879	0.25412	0.386	16.56	0.422	13.15	45.2128	104.7771413	104.777026	0.178790	104.839360	
2010	99	200	99.083333333	04/09/2010 2:00	04/09/2010 1:00	18.141	0.25784	0.386	16.56	0.422	13.1	45.2042	104.7797552	104.779640	0.181410	104.841980	
2010	99	300	99.125000000	04/09/2010 3:00	04/09/2010 2:00	18.214	0.25888	0.386	16.57	0.422	13.06	45.2018	104.7804835	104.780368	0.182140	104.842710	
2010	99	400	99.166666667	04/09/2010 4:00	04/09/2010 3:00	18.354	0.26087	0.386	16.55	0.422	13.01	45.1972	104.7818802	104.781765	0.183540	104.844110	
2010	99	500	99.208333333	04/09/2010 5:00	04/09/2010 4:00	18.742	0.26638	0.386	16.56	0.422	12.98	45.1845	104.7857511	104.785636	0.187420	104.847990	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	99	600	99.250000000	04/09/2010 6:00	04/09/2010 5:00	18.799	0.26719	0.386	16.56	0.422	12.95	45.1827	104.7863198	104.786204	0.187990	104.848560	
2010	99	700	99.291666667	04/09/2010 7:00	04/09/2010 6:00	18.877	0.26830	0.386	16.56	0.422	13.98	45.1801	104.787098	104.786983	0.188770	104.849340	
2010	99	800	99.333333333	04/09/2010 8:00	04/09/2010 7:00	18.885	0.26842	0.386	16.55	0.422	13.96	45.1799	104.7871778	104.787062	0.188850	104.849420	
2010	99	900	99.375000000	04/09/2010 9:00	04/09/2010 8:00	18.928	0.26903	0.386	16.56	0.422	13.91	45.1785	104.7876068	104.787491	0.189280	104.849850	
2010	99	1000	99.416666667	04/09/2010 10:00	04/09/2010 9:00	19.214	0.27309	0.386	16.56	0.422	13.85	45.1691	104.7904601	104.790345	0.192140	104.852710	
2010	99	1100	99.458333333	04/09/2010 11:00	04/09/2010 10:00	18.694	0.26570	0.386	16.57	0.422	13.78	45.1861	104.7852722	104.785157	0.186940	104.847510	
2010	99	1200	99.500000000	04/09/2010 12:00	04/09/2010 11:00	18.641	0.26495	0.386	16.58	0.422	13.72	45.1878	104.7847435	104.784628	0.186410	104.846980	
2010	99	1300	99.541666667	04/09/2010 13:00	04/09/2010 12:00	18.751	0.26651	0.386	16.57	0.422	13.7	45.1842	104.7858409	104.785726	0.187510	104.848080	
2010	99	1400	99.583333333	04/09/2010 14:00	04/09/2010 13:00	19.429	0.27615	0.386	16.57	0.422	13.68	45.1621	104.792605	104.792490	0.194290	104.854860	
2010	99	1500	99.625000000	04/09/2010 15:00	04/09/2010 14:00	19.406	0.27582	0.386	16.56	0.422	13.7	45.1628	104.7923756	104.792260	0.194060	104.854630	
2010	99	1600	99.666666667	04/09/2010 16:00	04/09/2010 15:00	19.735	0.28050	0.386	16.56	0.422	13.72	45.1520	104.7956579	104.795543	0.197350	104.857920	
2010	99	1700	99.708333333	04/09/2010 17:00	04/09/2010 16:00	19.876	0.28250	0.386	16.6	0.422	13.73	45.1474	104.7970646	104.796949	0.198760	104.859330	
2010	99	1800	99.750000000	04/09/2010 18:00	04/09/2010 17:00	20.044	0.28489	0.387	16.55	0.422	13.65	45.1419	104.7987406	104.798625	0.200440	104.861010	
2010	99	1900	99.791666667	04/09/2010 19:00	04/09/2010 18:00	20.54	0.29194	0.386	16.57	0.422	13.51	45.1257	104.803689	104.803574	0.205400	104.865970	
2010	99	2000	99.833333333	04/09/2010 20:00	04/09/2010 19:00	20.756	0.29501	0.386	16.58	0.422	13.41	45.1186	104.805844	104.805729	0.207560	104.868130	
2010	99	2100	99.875000000	04/09/2010 21:00	04/09/2010 20:00	20.788	0.29546	0.386	16.55	0.422	13.34	45.1176	104.8061632	104.806048	0.207880	104.868450	
2010	99	2200	99.916666667	04/09/2010 22:00	04/09/2010 21:00	21.051	0.29920	0.387	16.57	0.422	13.28	45.1090	104.8087871	104.808672	0.210510	104.871080	
2010	99	2300	99.958333333	04/09/2010 23:00	04/09/2010 22:00	21.312	0.30291	0.386	16.56	0.422	13.23	45.1004	104.811391	104.811276	0.213120	104.873690	
2010	99	2400	100.000000000	04/10/2010 0:00	04/09/2010 23:00	21.454	0.30493	0.386	16.57	0.422	13.17	45.0958	104.8128077	104.812692	0.214540	104.875110	
2010	100	100	100.041666667	04/10/2010 1:00	04/10/2010 0:00	21.743	0.30904	0.386	16.57	0.422	13.12	45.0863	104.8156909	104.815576	0.217430	104.878000	
2010	100	200	100.083333333	04/10/2010 2:00	04/10/2010 1:00	21.853	0.31060	0.386	16.55	0.422	13.07	45.0827	104.8167883	104.816673	0.218530	104.879100	
2010	100	300	100.125000000	04/10/2010 3:00	04/10/2010 2:00	22.139	0.31467	0.387	16.56	0.422	13.03	45.0734	104.8196416	104.819526	0.221390	104.881960	
2010	100	400	100.166666667	04/10/2010 4:00	04/10/2010 3:00	22.304	0.31701	0.387	16.56	0.422	12.99	45.0680	104.8212878	104.821172	0.223040	104.883610	
2010	100	500	100.208333333	04/10/2010 5:00	04/10/2010 4:00	22.517	0.32004	0.387	16.56	0.422	12.95	45.0610	104.8234128	104.823297	0.225170	104.885740	
2010	100	600	100.250000000	04/10/2010 6:00	04/10/2010 5:00	22.622	0.32153	0.387	16.56	0.422	12.95	45.0575	104.8244603	104.824345	0.226220	104.886790	
2010	100	700	100.291666667	04/10/2010 7:00	04/10/2010 6:00	22.644	0.32184	0.387	16.56	0.422	14.02	45.0568	104.8246798	104.824564	0.226440	104.887010	
2010	100	800	100.333333333	04/10/2010 8:00	04/10/2010 7:00	22.648	0.32190	0.387	16.57	0.423	13.98	45.0567	104.8247197	104.824604	0.226480	104.887050	
2010	100	900	100.375000000	04/10/2010 9:00	04/10/2010 8:00	23.097	0.32828	0.387	16.58	0.422	13.91	45.0420	104.8291992	104.829084	0.230970	104.891540	
2010	100	1000	100.416666667	04/10/2010 10:00	04/10/2010 9:00	23.276	0.33083	0.387	16.55	0.423	13.84	45.0361	104.830985	104.830870	0.232760	104.893330	
2010	100	1100	100.458333333	04/10/2010 11:00	04/10/2010 10:00	22.855	0.32484	0.387	16.55	0.423	13.75	45.0499	104.8267849	104.826670	0.228550	104.889120	
2010	100	1200	100.500000000	04/10/2010 12:00	04/10/2010 11:00	23.466	0.33353	0.387	16.57	0.423	13.68	45.0299	104.8328806	104.832765	0.234660	104.895230	
2010	100	1300	100.541666667	04/10/2010 13:00	04/10/2010 12:00	22.827	0.32445	0.387	16.58	0.423	13.65	45.0508	104.8265055	104.826390	0.228270	104.888840	
2010	100	1400	100.583333333	04/10/2010 14:00	04/10/2010 13:00	23.303	0.33121	0.387	16.59	0.423	13.62	45.0353	104.8312544	104.831139	0.233030	104.893600	
2010	100	1500	100.625000000	04/10/2010 15:00	04/10/2010 14:00	23.675	0.33650	0.387	16.58	0.423	13.62	45.0231	104.8349657	104.834850	0.236750	104.897320	
2010	100	1600	100.666666667	04/10/2010 16:00	04/10/2010 15:00	23.878	0.33938	0.387	16.58	0.423	13.65	45.0164	104.8369909	104.836876	0.238780	104.899350	
2010	100	1700	100.708333333	04/10/2010 17:00	04/10/2010 16:00	24.021	0.34142	0.387	16.58	0.423	13.66	45.0118	104.8384176	104.838302	0.240210	104.900780	
2010	100	1800	100.750000000	04/10/2010 18:00	04/10/2010 17:00	24.119	0.34281	0.387	16.57	0.423	13.56	45.0085	104.8393953	104.839280	0.241190	104.901760	
2010	100	1900	100.791666667	04/10/2010 19:00	04/10/2010 18:00	24.333	0.34585	0.387	16.57	0.423	13.43	45.0015	104.8415303	104.841415	0.243330	104.903900	
2010	100	2000	100.833333333	04/10/2010 20:00	04/10/2010 19:00	24.399	0.34679	0.387	16.56	0.423	13.34	44.9994	104.8421888	104.842073	0.243990	104.904560	
2010	100	2100	100.875000000	04/10/2010 21:00	04/10/2010 20:00	24.509	0.34835	0.387	16.57	0.423	13.28	44.9958	104.8432862	104.843171	0.245090	104.905660	
2010	100	2200	100.916666667	04/10/2010 22:00	04/10/2010 21:00	24.615	0.34986	0.387	16.55	0.423	13.21	44.9923	104.8443437	104.844228	0.246150	104.906720	
2010	100	2300	100.958333333	04/10/2010 23:00	04/10/2010 22:00	24.791	0.35236	0.387	16.57	0.423	13.16	44.9865	104.8460996	104.845984	0.247910	104.908480	
2010	100	2400	101.000000000	04/11/2010 0:00	04/10/2010 23:00	24.815	0.35270	0.387	16.56	0.423	13.1	44.9858	104.846339	104.846224	0.248150	104.908720	
2010	101	100	101.041666667	04/11/2010 1:00	04/11/2010 0:00	25.027	0.35571	0.387	16.57	0.423	13.06	44.9788	104.8484541	104.848339	0.250270	104.910840	
2010	101	200	101.083333333	04/11/2010 2:00	04/11/2010 1:00	25.172	0.35778	0.387	16.58	0.423	13.02	44.9741	104.8499007	104.849785	0.251720	104.912290	
2010	101	300	101.125000000	04/11/2010 3:00	04/11/2010 2:00	25.196	0.35812	0.387	16.56	0.423	12.98	44.9733	104.8501401	104.850025	0.251960	104.912530	
2010	101	400	101.166666667	04/11/2010 4:00	04/11/2010 3:00	25.231	0.35861	0.387	16.55	0.423	12.94	44.9721	104.8504893	104.850374	0.252310	104.912880	
2010	101	500	101.208333333	04/11/2010 5:00	04/11/2010 4:00	25.45	0.36173	0.387	16.56	0.423	12.91	44.9650	104.8526742	104.852559	0.254500	104.915070	
2010	101	600	101.250000000	04/11/2010 6:00	04/11/2010 5:00	25.523	0.36276	0.387	16.57	0.423	12.89	44.9626	104.8534025	104.853287	0.255230	104.915800	
2010	101	700	101.291666667	04/11/2010 7:00	04/11/2010 6:00	25.279	0.35930	0.387	16.57	0.423	13.86	44.9706	104.8509682	104.850853	0.252790	104.913360	
2010	101	800	101.333333333	04/11/2010 8:00	04/11/2010 7:00	25.249	0.35887	0.387	16.59	0.423	13.84	44.9716	104.8506689	104.850554	0.252490	104.913060	
2010	101	900	101.375000000	04/11/2010 9:00	04/11/2010 8:00	25.567	0.36339	0.387	16.56	0.423	13.78	44.9612	104.8538414	104.853726	0.255670	104.916240	
2010	101	1000	101.416666667	04/11/2010 10:00	04/11/2010 9:00	25.515	0.36265	0.387	16.56	0.423	13.73	44.9629	104.8533226	104.853207	0.255150	104.915720	
2010	101	1100	101.458333333	04/11/2010 11:00	04/11/2010 10:00	25.506	0.36252	0.387	16.57	0.423	13.68	44.9631	104.8532329	104.853118	0.255060	104.915630	
2010	101	1200	101.500000000	04/11/2010 12:00	04/11/2010 11:00	25.758	0.36610	0.387	16.58	0.423	13.64	44.9549	104.855747	104.855632	0.257580	104.918150	
2010	101	1300	101.541666667	04/11/2010 13:00	04/11/2010 12:00	25.647	0.36453	0.387	16.57	0.423	13.62	44.9585	104.8546396	104.854524	0.256470	104.917040	
2010	101	1400	101.583333333	04/11/2010 14:00	04/11/2010 13:00	25.618	0.36411	0.387	16.57	0.423	13.58	44.9595	104.8543502	104.854235	0.256180	104.916750	
2010	101	1500	101.625000000	04/11/2010 15:00	04/11/2010 14:00	25.883	0.36788	0.387	16.58	0.423	13.54	44.9508	104.856994	104.856879	0.258830	104.919400	
2010	101	1600	101.666666667	04/11/2010 16:00	04/11/2010 15:00	26.547	0.37732	0.387	16.57	0.423	13.53	44.9291	104.8636185	104.863503	0.265470	104.926040	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	101	1700	101.708333333	04/11/2010 17:00	04/11/2010 16:00	26.432	0.37568	0.387	16.57	0.423	13.56	44.9328	104.8624712	104.862356	0.264320	104.924890	
2010	101	1800	101.750000000	04/11/2010 18:00	04/11/2010 17:00	26.539	0.37720	0.387	16.57	0.422	13.46	44.9293	104.8635387	104.863423	0.265390	104.925960	
2010	101	1900	101.791666667	04/11/2010 19:00	04/11/2010 18:00	26.643	0.37868	0.387	16.57	0.423	13.34	44.9259	104.8645763	104.864461	0.266430	104.927000	
2010	101	2000	101.833333333	04/11/2010 20:00	04/11/2010 19:00	26.946	0.38299	0.387	16.57	0.423	13.26	44.9160	104.8675992	104.867484	0.269460	104.930030	
2010	101	2100	101.875000000	04/11/2010 21:00	04/11/2010 20:00	27.134	0.38566	0.387	16.57	0.422	13.19	44.9099	104.8694748	104.869359	0.271340	104.931910	
2010	101	2200	101.916666667	04/11/2010 22:00	04/11/2010 21:00	27.055	0.38454	0.387	16.58	0.422	13.14	44.9124	104.8686866	104.868571	0.270550	104.931120	
2010	101	2300	101.958333333	04/11/2010 23:00	04/11/2010 22:00	27.154	0.38595	0.387	16.58	0.423	13.08	44.9092	104.8696743	104.869559	0.271540	104.932110	
2010	101	2400	102.000000000	04/12/2010 0:00	04/11/2010 23:00	27.204	0.38666	0.387	16.55	0.423	13.04	44.9076	104.8701731	104.870058	0.272040	104.932610	
2010	102	100	102.041666667	04/12/2010 1:00	04/12/2010 0:00	27.251	0.38732	0.387	16.55	0.423	13	44.9060	104.870642	104.870527	0.272510	104.933080	
2010	102	200	102.083333333	04/12/2010 2:00	04/12/2010 1:00	27.372	0.38904	0.387	16.57	0.423	12.95	44.9021	104.8718492	104.871734	0.273720	104.934290	
2010	102	300	102.125000000	04/12/2010 3:00	04/12/2010 2:00	27.338	0.38856	0.387	16.56	0.423	12.93	44.9032	104.87151	104.871395	0.273380	104.933950	
2010	102	400	102.166666667	04/12/2010 4:00	04/12/2010 3:00	27.397	0.38940	0.387	16.57	0.423	12.89	44.9013	104.8720986	104.871983	0.273970	104.934540	
2010	102	500	102.208333333	04/12/2010 5:00	04/12/2010 4:00	27.35	0.38873	0.387	16.57	0.423	12.88	44.9028	104.8716297	104.871514	0.273500	104.934070	
2010	102	600	102.250000000	04/12/2010 6:00	04/12/2010 5:00	27.342	0.38862	0.387	16.56	0.423	12.86	44.9031	104.8715499	104.871435	0.273420	104.933990	
2010	102	700	102.291666667	04/12/2010 7:00	04/12/2010 6:00	27.355	0.38880	0.387	16.58	0.423	13.62	44.9026	104.8716796	104.871564	0.273550	104.934120	
2010	102	800	102.333333333	04/12/2010 8:00	04/12/2010 7:00	27.362	0.38890	0.387	16.57	0.423	13.8	44.9024	104.8717494	104.871634	0.273620	104.934190	
2010	102	900	102.375000000	04/12/2010 9:00	04/12/2010 8:00	27.018	0.38401	0.387	16.58	0.423	13.77	44.9137	104.8683175	104.868202	0.270180	104.930750	
2010	102	1000	102.416666667	04/12/2010 10:00	04/12/2010 9:00	26.789	0.38076	0.387	16.58	0.423	13.68	44.9212	104.8660328	104.865917	0.267890	104.928460	
2010	102	1100	102.458333333	04/12/2010 11:00	04/12/2010 10:00	27.32	0.38831	0.387	16.56	0.423	13.66	44.9038	104.8713304	104.871215	0.273200	104.933770	
2010	102	1200	102.500000000	04/12/2010 12:00	04/12/2010 11:00	27.269	0.38758	0.387	16.57	0.423	13.62	44.9054	104.8708216	104.870706	0.272690	104.933260	
2010	102	1300	102.541666667	04/12/2010 13:00	04/12/2010 12:00	26.924	0.38268	0.387	16.57	0.423	13.6	44.9167	104.8673797	104.867264	0.269240	104.929810	
2010	102	1400	102.583333333	04/12/2010 14:00	04/12/2010 13:00	26.545	0.37729	0.387	16.58	0.422	13.58	44.9291	104.8635986	104.863483	0.265450	104.926020	
2010	102	1500	102.625000000	04/12/2010 15:00	04/12/2010 14:00	28.204	0.40087	0.387	16.57	0.422	13.56	44.8748	104.8801497	104.880034	0.282040	104.942610	
2010	102	1600	102.666666667	04/12/2010 16:00	04/12/2010 15:00	27.289	0.38786	0.387	16.58	0.422	13.58	44.9048	104.8710211	104.870906	0.272890	104.933460	
2010	102	1700	102.708333333	04/12/2010 17:00	04/12/2010 16:00	27.293	0.38792	0.387	16.58	0.422	13.59	44.9047	104.8710611	104.870946	0.272930	104.933500	
2010	102	1800	102.750000000	04/12/2010 18:00	04/12/2010 17:00	27.766	0.39464	0.387	16.57	0.422	13.61	44.8892	104.87578	104.875665	0.277660	104.938230	
2010	102	1900	102.791666667	04/12/2010 19:00	04/12/2010 18:00	27.514	0.39106	0.387	16.57	0.423	13.43	44.8974	104.8732659	104.873151	0.275140	104.935710	
2010	102	2000	102.833333333	04/12/2010 20:00	04/12/2010 19:00	27.545	0.39150	0.387	16.59	0.423	13.33	44.8964	104.8735752	104.873460	0.275450	104.936020	
2010	102	2100	102.875000000	04/12/2010 21:00	04/12/2010 20:00	27.426	0.38981	0.387	16.56	0.423	13.26	44.9003	104.8723879	104.872273	0.274260	104.934830	
2010	102	2200	102.916666667	04/12/2010 22:00	04/12/2010 21:00	27.432	0.38990	0.387	16.56	0.423	13.2	44.9001	104.8724478	104.872332	0.274320	104.934890	
2010	102	2300	102.958333333	04/12/2010 23:00	04/12/2010 22:00	27.472	0.39047	0.387	16.57	0.423	13.14	44.8988	104.8728469	104.872732	0.274720	104.935290	
2010	102	2400	103.000000000	04/13/2010 0:00	04/12/2010 23:00	27.414	0.38964	0.387	16.57	0.423	13.1	44.9007	104.8722682	104.872153	0.274140	104.934710	
2010	103	100	103.041666667	04/13/2010 1:00	04/13/2010 0:00	27.472	0.39047	0.387	16.58	0.423	13.05	44.8988	104.8728469	104.872732	0.274720	104.935290	
2010	103	200	103.083333333	04/13/2010 2:00	04/13/2010 1:00	27.485	0.39065	0.387	16.57	0.423	13.01	44.8984	104.8729766	104.872861	0.274850	104.935420	
2010	103	300	103.125000000	04/13/2010 3:00	04/13/2010 2:00	27.473	0.39048	0.387	16.56	0.423	12.97	44.8988	104.8728568	104.872741	0.274730	104.935300	
2010	103	400	103.166666667	04/13/2010 4:00	04/13/2010 3:00	27.465	0.39037	0.387	16.57	0.423	12.94	44.8990	104.872777	104.872662	0.274650	104.935220	
2010	103	500	103.208333333	04/13/2010 5:00	04/13/2010 4:00	27.397	0.38940	0.387	16.58	0.423	12.9	44.9013	104.8720986	104.871983	0.273970	104.934540	
2010	103	600	103.250000000	04/13/2010 6:00	04/13/2010 5:00	27.391	0.38931	0.387	16.57	0.423	12.89	44.9014	104.8720388	104.871923	0.273910	104.934480	
2010	103	700	103.291666667	04/13/2010 7:00	04/13/2010 6:00	27.085	0.38497	0.387	16.58	0.422	13.81	44.9115	104.8689859	104.868871	0.270850	104.931420	
2010	103	800	103.333333333	04/13/2010 8:00	04/13/2010 7:00	26.909	0.38246	0.387	16.56	0.423	13.82	44.9172	104.86723	104.867115	0.269090	104.929660	
2010	103	900	103.375000000	04/13/2010 9:00	04/13/2010 8:00	26.913	0.38252	0.387	16.57	0.423	13.77	44.9171	104.8672699	104.867155	0.269130	104.929700	
2010	103	1000	103.416666667	04/13/2010 10:00	04/13/2010 9:00	26.405	0.37530	0.387	16.59	0.423	13.7	44.9337	104.8622018	104.862086	0.264050	104.924620	
2010	103	1100	103.458333333	04/13/2010 11:00	04/13/2010 10:00	26.723	0.37982	0.387	16.58	0.423	13.68	44.9233	104.8653744	104.865259	0.267230	104.927800	
2010	103	1200	103.500000000	04/13/2010 12:00	04/13/2010 11:00	25.454	0.36178	0.387	16.57	0.423	13.64	44.9648	104.8527141	104.852599	0.254540	104.915110	
2010	103	1300	103.541666667	04/13/2010 13:00	04/13/2010 12:00	26.383	0.37499	0.387	16.58	0.423	13.59	44.9344	104.8619823	104.861867	0.263830	104.924400	
2010	103	1400	103.583333333	04/13/2010 14:00	04/13/2010 13:00	25.757	0.36609	0.387	16.59	0.423	13.58	44.9549	104.855737	104.855622	0.257570	104.918140	
2010	103	1500	103.625000000	04/13/2010 15:00	04/13/2010 14:00	26.025	0.36990	0.387	16.58	0.423	13.58	44.9462	104.8584107	104.858295	0.260250	104.920820	
2010	103	1600	103.666666667	04/13/2010 16:00	04/13/2010 15:00	26.028	0.36994	0.387	16.58	0.423	13.58	44.9461	104.8584406	104.858325	0.260280	104.920850	
2010	103	1700	103.708333333	04/13/2010 17:00	04/13/2010 16:00	25.958	0.36895	0.387	16.57	0.423	13.47	44.9484	104.8577423	104.857627	0.259580	104.920150	
2010	103	1800	103.750000000	04/13/2010 18:00	04/13/2010 17:00	25.782	0.36645	0.387	16.57	0.423	13.66	44.9541	104.8559864	104.855871	0.257820	104.918390	
2010	103	1900	103.791666667	04/13/2010 19:00	04/13/2010 18:00	25.926	0.36849	0.387	16.56	0.423	13.47	44.9494	104.857423	104.857308	0.259260	104.919830	
2010	103	2000	103.833333333	04/13/2010 20:00	04/13/2010 19:00	25.911	0.36828	0.387	16.57	0.423	13.38	44.9499	104.8572734	104.857158	0.259110	104.919680	
2010	103	2100	103.875000000	04/13/2010 21:00	04/13/2010 20:00	25.953	0.36888	0.387	16.57	0.423	13.3	44.9485	104.8576924	104.857577	0.259530	104.920100	
2010	103	2200	103.916666667	04/13/2010 22:00	04/13/2010 21:00	25.967	0.36907	0.387	16.58	0.423	13.23	44.9481	104.8578321	104.857717	0.259670	104.920240	
2010	103	2300	103.958333333	04/13/2010 23:00	04/13/2010 22:00	25.936	0.36863	0.387	16.57	0.423	13.18	44.9491	104.8575228	104.857407	0.259360	104.919930	
2010	103	2400	104.000000000	04/14/2010 0:00	04/13/2010 23:00	25.874	0.36775	0.388	16.58	0.423	13.13	44.9511	104.8569042	104.856789	0.258740	104.919310	
2010	104	100	104.041666667	04/14/2010 1:00	04/14/2010 0:00	25.841	0.36728	0.387	16.56	0.423	13.08	44.9522	104.856575	104.856460	0.258410	104.918980	
2010	104	200	104.083333333	04/14/2010 2:00	04/14/2010 1:00	25.632	0.36431	0.387	16.56	0.423	13.03	44.9590	104.8544899	104.854375	0.256320	104.916890	
2010	104	300	104.125000000	04/14/2010 3:00	04/14/2010 2:00	25.738	0.36582	0.387	16.56	0.423	13	44.9556	104.8555474	104.855432	0.257380	104.917950	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	104	400	104.166666667	04/14/2010 4:00	04/14/2010 3:00	25.797	0.36666	0.387	16.57	0.423	12.96	44.9536	104.8561361	104.856021	0.257970	104.918540	
2010	104	500	104.208333333	04/14/2010 5:00	04/14/2010 4:00	25.624	0.36420	0.387	16.57	0.423	12.92	44.9593	104.8544101	104.854295	0.256240	104.916810	
2010	104	600	104.250000000	04/14/2010 6:00	04/14/2010 5:00	25.326	0.35996	0.387	16.56	0.423	12.91	44.9690	104.8514371	104.851322	0.253260	104.913830	
2010	104	700	104.291666667	04/14/2010 7:00	04/14/2010 6:00	25.024	0.35567	0.387	16.56	0.423	13.89	44.9789	104.8484241	104.848309	0.250240	104.910810	
2010	104	800	104.333333333	04/14/2010 8:00	04/14/2010 7:00	24.839	0.35304	0.387	16.57	0.423	13.84	44.9850	104.8465785	104.846463	0.248390	104.908960	
2010	104	900	104.375000000	04/14/2010 9:00	04/14/2010 8:00	24.582	0.34939	0.387	16.58	0.423	13.77	44.9934	104.8440145	104.843899	0.245820	104.906390	
2010	104	1000	104.416666667	04/14/2010 10:00	04/14/2010 9:00	24.632	0.35010	0.387	16.56	0.423	13.69	44.9918	104.8445133	104.844398	0.246320	104.906890	
2010	104	1100	104.458333333	04/14/2010 11:00	04/14/2010 10:00	24.306	0.34547	0.387	16.57	0.423	13.62	45.0024	104.8412609	104.841146	0.243060	104.903630	
2010	104	1200	104.500000000	04/14/2010 12:00	04/14/2010 11:00	24.168	0.34351	0.387	16.58	0.423	13.58	45.0069	104.8398842	104.839769	0.241680	104.902250	
2010	104	1300	104.541666667	04/14/2010 13:00	04/14/2010 12:00	24.477	0.34790	0.387	16.57	0.422	13.56	44.9968	104.8429669	104.842852	0.244770	104.905340	
2010	104	1400	104.583333333	04/14/2010 14:00	04/14/2010 13:00	23.234	0.33023	0.387	16.58	0.423	13.54	45.0375	104.830566	104.830451	0.232340	104.892910	
2010	104	1500	104.625000000	04/14/2010 15:00	04/14/2010 14:00	24.036	0.34163	0.387	16.58	0.423	13.49	45.0113	104.8385673	104.838452	0.240360	104.900930	
2010	104	1600	104.666666667	04/14/2010 16:00	04/14/2010 15:00	24.56	0.34908	0.387	16.58	0.423	13.47	44.9941	104.843795	104.843680	0.245600	104.906170	
2010	104	1700	104.708333333	04/14/2010 17:00	04/14/2010 16:00	24.104	0.34260	0.387	16.55	0.423	13.49	45.0090	104.8392457	104.839130	0.241040	104.901610	
2010	104	1800	104.750000000	04/14/2010 18:00	04/14/2010 17:00	24.294	0.34530	0.387	16.57	0.423	13.46	45.0028	104.8411412	104.841026	0.242940	104.903510	
2010	104	1900	104.791666667	04/14/2010 19:00	04/14/2010 18:00	24.288	0.34521	0.387	16.57	0.422	13.32	45.0030	104.8410814	104.840966	0.242880	104.903450	
2010	104	2000	104.833333333	04/14/2010 20:00	04/14/2010 19:00	24.216	0.34419	0.387	16.58	0.422	13.24	45.0054	104.840363	104.840248	0.242160	104.902730	
2010	104	2100	104.875000000	04/14/2010 21:00	04/14/2010 20:00	24.178	0.34365	0.387	16.57	0.423	13.17	45.0066	104.8399839	104.839869	0.241780	104.902350	
2010	104	2200	104.916666667	04/14/2010 22:00	04/14/2010 21:00	23.91	0.33984	0.387	16.57	0.422	13.11	45.0154	104.8373102	104.837195	0.239100	104.899670	
2010	104	2300	104.958333333	04/14/2010 23:00	04/14/2010 22:00	24.191	0.34383	0.387	16.56	0.422	13.06	45.0062	104.8401136	104.839998	0.241910	104.902480	
2010	104	2400	105.000000000	04/15/2010 0:00	04/14/2010 23:00	24.058	0.34194	0.387	16.59	0.423	13.01	45.0105	104.8387867	104.838671	0.240580	104.901150	
2010	105	100	105.041666667	04/15/2010 1:00	04/15/2010 0:00	23.97	0.34069	0.387	16.56	0.423	12.97	45.0134	104.8379088	104.837793	0.239700	104.900270	
2010	105	200	105.083333333	04/15/2010 2:00	04/15/2010 1:00	24.034	0.34160	0.387	16.55	0.423	12.94	45.0113	104.8385473	104.838432	0.240340	104.900910	
2010	105	300	105.125000000	04/15/2010 3:00	04/15/2010 2:00	24.036	0.34163	0.387	16.57	0.423	12.91	45.0113	104.8385673	104.838452	0.240360	104.900930	
2010	105	400	105.166666667	04/15/2010 4:00	04/15/2010 3:00	23.87	0.33927	0.387	16.56	0.423	12.88	45.0167	104.8369111	104.836796	0.238700	104.899270	
2010	105	500	105.208333333	04/15/2010 5:00	04/15/2010 4:00	23.813	0.33846	0.387	16.57	0.423	12.85	45.0186	104.8363425	104.836227	0.238130	104.898700	
2010	105	600	105.250000000	04/15/2010 6:00	04/15/2010 5:00	23.754	0.33762	0.387	16.58	0.422	12.85	45.0205	104.8357538	104.835639	0.237540	104.898110	
2010	105	700	105.291666667	04/15/2010 7:00	04/15/2010 6:00	23.715	0.33707	0.387	16.57	0.423	12.84	45.0218	104.8353648	104.835249	0.237150	104.897720	
2010	105	800	105.333333333	04/15/2010 8:00	04/15/2010 7:00	23.62	0.33572	0.387	16.59	0.422	13.82	45.0249	104.834417	104.834302	0.236200	104.896770	
2010	105	900	105.375000000	04/15/2010 9:00	04/15/2010 8:00	22.882	0.32523	0.387	16.58	0.422	13.75	45.0490	104.8270543	104.826939	0.228820	104.889390	
2010	105	1000	105.416666667	04/15/2010 10:00	04/15/2010 9:00	22.964	0.32639	0.387	16.58	0.422	13.67	45.0464	104.8278723	104.827757	0.229640	104.890210	
2010	105	1100	105.458333333	04/15/2010 11:00	04/15/2010 10:00	22.603	0.32126	0.387	16.57	0.422	13.61	45.0582	104.8242708	104.824155	0.226030	104.886600	
2010	105	1200	105.500000000	04/15/2010 12:00	04/15/2010 11:00	22.56	0.32065	0.387	16.58	0.422	13.56	45.0596	104.8238418	104.823726	0.225600	104.886170	
2010	105	1300	105.541666667	04/15/2010 13:00	04/15/2010 12:00	22.508	0.31991	0.387	16.59	0.422	13.54	45.0613	104.823323	104.823208	0.225080	104.885650	
2010	105	1400	105.583333333	04/15/2010 14:00	04/15/2010 13:00	23.042	0.32750	0.386	16.58	0.422	13.51	45.0438	104.8286505	104.828535	0.230420	104.890990	
2010	105	1500	105.625000000	04/15/2010 15:00	04/15/2010 14:00	22.476	0.31946	0.386	16.58	0.422	13.46	45.0623	104.8230037	104.822888	0.224760	104.885330	
2010	105	1600	105.666666667	04/15/2010 16:00	04/15/2010 15:00	22.68	0.32236	0.386	16.57	0.422	13.44	45.0556	104.825039	104.824924	0.226800	104.887370	
2010	105	1700	105.708333333	04/15/2010 17:00	04/15/2010 16:00	22.679	0.32234	0.386	16.57	0.422	13.45	45.0557	104.825029	104.824914	0.226790	104.887360	
2010	105	1800	105.750000000	04/15/2010 18:00	04/15/2010 17:00	22.954	0.32625	0.386	16.58	0.422	13.48	45.0467	104.8277726	104.827657	0.229540	104.890110	
2010	105	1900	105.791666667	04/15/2010 19:00	04/15/2010 18:00	23.064	0.32781	0.386	16.58	0.422	13.31	45.0431	104.82887	104.828755	0.230640	104.891210	
2010	105	2000	105.833333333	04/15/2010 20:00	04/15/2010 19:00	23.172	0.32935	0.386	16.57	0.422	13.22	45.0395	104.8299475	104.829832	0.231720	104.892290	
2010	105	2100	105.875000000	04/15/2010 21:00	04/15/2010 20:00	23.299	0.33115	0.387	16.57	0.422	13.15	45.0354	104.8312145	104.831099	0.232990	104.893560	
2010	105	2200	105.916666667	04/15/2010 22:00	04/15/2010 21:00	23.296	0.33111	0.387	16.56	0.422	13.1	45.0355	104.8311846	104.831069	0.232960	104.893530	
2010	105	2300	105.958333333	04/15/2010 23:00	04/15/2010 22:00	23.415	0.33280	0.387	16.56	0.422	13.04	45.0316	104.8323718	104.832256	0.234150	104.894720	
2010	105	2400	106.000000000	04/16/2010 0:00	04/15/2010 23:00	23.649	0.33613	0.387	16.57	0.422	13.01	45.0239	104.8347063	104.834591	0.236490	104.897060	
2010	106	100	106.041666667	04/16/2010 1:00	04/16/2010 0:00	23.539	0.33457	0.387	16.58	0.422	12.97	45.0275	104.8336089	104.833494	0.235390	104.895960	
2010	106	200	106.083333333	04/16/2010 2:00	04/16/2010 1:00	23.648	0.33611	0.387	16.57	0.422	12.94	45.0240	104.8346963	104.834581	0.236480	104.897050	
2010	106	300	106.125000000	04/16/2010 3:00	04/16/2010 2:00	23.82	0.33856	0.387	16.56	0.422	12.9	45.0183	104.8364123	104.836297	0.238200	104.898770	
2010	106	400	106.166666667	04/16/2010 4:00	04/16/2010 3:00	23.907	0.33980	0.387	16.58	0.422	12.88	45.0155	104.8372803	104.837165	0.239070	104.899640	
2010	106	500	106.208333333	04/16/2010 5:00	04/16/2010 4:00	23.849	0.33897	0.387	16.56	0.422	12.86	45.0174	104.8367016	104.836586	0.238490	104.899060	
2010	106	600	106.250000000	04/16/2010 6:00	04/16/2010 5:00	23.836	0.33879	0.387	16.59	0.422	12.87	45.0178	104.8365719	104.836457	0.238360	104.898930	
2010	106	700	106.291666667	04/16/2010 7:00	04/16/2010 6:00	23.461	0.33346	0.387	16.58	0.422	13.88	45.0301	104.8328307	104.832715	0.234610	104.895180	
2010	106	800	106.333333333	04/16/2010 8:00	04/16/2010 7:00	23.65	0.33614	0.387	16.59	0.422	13.81	45.0239	104.8347163	104.834601	0.236500	104.897070	
2010	106	900	106.375000000	04/16/2010 9:00	04/16/2010 8:00	23.287	0.33098	0.387	16.59	0.422	13.73	45.0358	104.8310948	104.830979	0.232870	104.893440	
2010	106	1000	106.416666667	04/16/2010 10:00	04/16/2010 9:00	23.323	0.33150	0.387	16.57	0.422	13.63	45.0346	104.8314539	104.831339	0.233230	104.893800	
2010	106	1100	106.458333333	04/16/2010 11:00	04/16/2010 10:00	22.946	0.32614	0.387	16.58	0.422	13.54	45.0469	104.8276928	104.827577	0.229460	104.890030	
2010	106	1200	106.500000000	04/16/2010 12:00	04/16/2010 11:00	22.889	0.32533	0.386	16.57	0.422	13.48	45.0488	104.8271241	104.827009	0.228890	104.889460	
2010	106	1300	106.541666667	04/16/2010 13:00	04/16/2010 12:00	22.826	0.32443	0.386	16.57	0.422	13.45	45.0509	104.8264956	104.826380	0.228260	104.888830	
2010	106	1400	106.583333333	04/16/2010 14:00	04/16/2010 13:00	23.182	0.32949	0.386	16.56	0.422	13.4	45.0392	104.8300472	104.829932	0.231820	104.892390	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	106	1500	106.625000000	04/16/2010 15:00	04/16/2010 14:00	23.25	0.33046	0.386	16.57	0.422	13.39	45.0370	104.8307256	104.830610	0.232500	104.893070	
2010	106	1600	106.666666667	04/16/2010 16:00	04/16/2010 15:00	23.333	0.33164	0.387	16.56	0.422	13.39	45.0343	104.8315537	104.831438	0.233330	104.893900	
2010	106	1700	106.708333333	04/16/2010 17:00	04/16/2010 16:00	23.392	0.33248	0.387	16.58	0.422	13.4	45.0323	104.8321423	104.832027	0.233920	104.894490	
2010	106	1800	106.750000000	04/16/2010 18:00	04/16/2010 17:00	23.475	0.33366	0.386	16.57	0.422	13.28	45.0296	104.8329704	104.832855	0.234750	104.895320	
2010	106	1900	106.791666667	04/16/2010 19:00	04/16/2010 18:00	23.517	0.33425	0.386	16.56	0.422	13.18	45.0283	104.8333894	104.833274	0.235170	104.895740	
2010	106	2000	106.833333333	04/16/2010 20:00	04/16/2010 19:00	23.895	0.33963	0.386	16.58	0.422	13.1	45.0159	104.8371605	104.837045	0.238950	104.899520	
2010	106	2100	106.875000000	04/16/2010 21:00	04/16/2010 20:00	23.641	0.33601	0.387	16.57	0.422	13.04	45.0242	104.8346265	104.834511	0.236410	104.896980	
2010	106	2200	106.916666667	04/16/2010 22:00	04/16/2010 21:00	23.679	0.33655	0.386	16.59	0.422	12.99	45.0229	104.8350056	104.834890	0.236790	104.897360	
2010	106	2300	106.958333333	04/16/2010 23:00	04/16/2010 22:00	23.755	0.33764	0.387	16.57	0.422	12.96	45.0205	104.8357638	104.835648	0.237550	104.898120	
2010	106	2400	107.000000000	04/17/2010 0:00	04/16/2010 23:00	23.679	0.33655	0.386	16.57	0.422	12.92	45.0229	104.8350056	104.834890	0.236790	104.897360	
2010	107	100	107.041666667	04/17/2010 1:00	04/17/2010 0:00	23.976	0.34078	0.387	16.58	0.422	12.9	45.0132	104.8379687	104.837853	0.239760	104.900330	
2010	107	200	107.083333333	04/17/2010 2:00	04/17/2010 1:00	23.968	0.34066	0.387	16.57	0.422	12.89	45.0135	104.8378888	104.837773	0.239680	104.900250	
2010	107	300	107.125000000	04/17/2010 3:00	04/17/2010 2:00	24.208	0.34407	0.387	16.59	0.422	12.89	45.0056	104.8402832	104.840168	0.242080	104.902650	
2010	107	400	107.166666667	04/17/2010 4:00	04/17/2010 3:00	24.329	0.34579	0.386	16.58	0.422	12.88	45.0017	104.8414904	104.841375	0.243290	104.903860	
2010	107	500	107.208333333	04/17/2010 5:00	04/17/2010 4:00	24.389	0.34665	0.387	16.57	0.422	12.87	44.9997	104.842089	104.841974	0.243890	104.904460	
2010	107	600	107.250000000	04/17/2010 6:00	04/17/2010 5:00	24.275	0.34503	0.387	16.57	0.422	13.05	45.0034	104.8409517	104.840836	0.242750	104.903320	
2010	107	700	107.291666667	04/17/2010 7:00	04/17/2010 6:00	24.107	0.34264	0.387	16.6	0.422	13.72	45.0089	104.8392756	104.839160	0.241070	104.901640	
2010	107	800	107.333333333	04/17/2010 8:00	04/17/2010 7:00	24.182	0.34370	0.387	16.59	0.422	13.67	45.0065	104.8400238	104.839908	0.241820	104.902390	
2010	107	900	107.375000000	04/17/2010 9:00	04/17/2010 8:00	23.648	0.33611	0.387	16.59	0.422	13.62	45.0240	104.8346963	104.834581	0.236480	104.897050	
2010	107	1000	107.416666667	04/17/2010 10:00	04/17/2010 9:00	24.365	0.34631	0.386	16.57	0.422	13.54	45.0005	104.8418496	104.841734	0.243650	104.904220	
2010	107	1100	107.458333333	04/17/2010 11:00	04/17/2010 10:00	24.204	0.34402	0.387	16.56	0.422	13.48	45.0058	104.8402433	104.840128	0.242040	104.902610	
2010	107	1200	107.500000000	04/17/2010 12:00	04/17/2010 11:00	23.692	0.33674	0.386	16.58	0.422	13.43	45.0225	104.8351353	104.835020	0.236920	104.897490	
2010	107	1300	107.541666667	04/17/2010 13:00	04/17/2010 12:00	25.641	0.36444	0.386	16.58	0.422	13.41	44.9587	104.8545797	104.854464	0.256410	104.916980	
2010	107	1400	107.583333333	04/17/2010 14:00	04/17/2010 13:00	24.247	0.34463	0.386	16.57	0.422	13.39	45.0044	104.8406723	104.840557	0.242470	104.903040	
2010	107	1500	107.625000000	04/17/2010 15:00	04/17/2010 14:00	24.269	0.34494	0.386	16.59	0.422	13.38	45.0036	104.8408918	104.840776	0.242690	104.903260	
2010	107	1600	107.666666667	04/17/2010 16:00	04/17/2010 15:00	24.456	0.34760	0.386	16.57	0.422	13.38	44.9975	104.8427574	104.842642	0.244560	104.905130	
2010	107	1700	107.708333333	04/17/2010 17:00	04/17/2010 16:00	24.094	0.34245	0.387	16.56	0.422	13.41	45.0094	104.8391459	104.839031	0.240940	104.901510	
2010	107	1800	107.750000000	04/17/2010 18:00	04/17/2010 17:00	24.19	0.34382	0.386	16.57	0.422	13.43	45.0062	104.8401036	104.839988	0.241900	104.902470	
2010	107	1900	107.791666667	04/17/2010 19:00	04/17/2010 18:00	24.384	0.34658	0.386	16.57	0.422	13.25	44.9999	104.8420391	104.841924	0.243840	104.904410	
2010	107	2000	107.833333333	04/17/2010 20:00	04/17/2010 19:00	24.202	0.34399	0.386	16.57	0.422	13.17	45.0058	104.8402234	104.840108	0.242020	104.902590	
2010	107	2100	107.875000000	04/17/2010 21:00	04/17/2010 20:00	24.361	0.34625	0.387	16.58	0.422	13.1	45.0006	104.8418096	104.841694	0.243610	104.904180	
2010	107	2200	107.916666667	04/17/2010 22:00	04/17/2010 21:00	24.345	0.34602	0.386	16.57	0.422	13.05	45.0011	104.84165	104.841535	0.243450	104.904020	
2010	107	2300	107.958333333	04/17/2010 23:00	04/17/2010 22:00	24.432	0.34726	0.386	16.57	0.422	13.01	44.9983	104.842518	104.842403	0.244320	104.904890	
2010	107	2400	108.000000000	04/18/2010 0:00	04/17/2010 23:00	24.405	0.34687	0.387	16.57	0.422	12.97	44.9992	104.8422486	104.842133	0.244050	104.904620	
2010	108	100	108.041666667	04/18/2010 1:00	04/18/2010 0:00	24.462	0.34768	0.387	16.58	0.422	12.94	44.9973	104.8428173	104.842702	0.244620	104.905190	
2010	108	200	108.083333333	04/18/2010 2:00	04/18/2010 1:00	24.444	0.34743	0.387	16.58	0.422	12.92	44.9979	104.8426377	104.842522	0.244440	104.905010	
2010	108	300	108.125000000	04/18/2010 3:00	04/18/2010 2:00	24.425	0.34716	0.387	16.55	0.422	12.9	44.9985	104.8424482	104.842333	0.244250	104.904820	
2010	108	400	108.166666667	04/18/2010 4:00	04/18/2010 3:00	24.278	0.34507	0.387	16.58	0.422	12.88	45.0033	104.8409816	104.840866	0.242780	104.903350	
2010	108	500	108.208333333	04/18/2010 5:00	04/18/2010 4:00	24.208	0.34407	0.387	16.57	0.422	12.87	45.0056	104.8402832	104.840168	0.242080	104.902650	
2010	108	600	108.250000000	04/18/2010 6:00	04/18/2010 5:00	23.977	0.34079	0.386	16.58	0.422	12.9	45.0132	104.8379786	104.837863	0.239770	104.900340	
2010	108	700	108.291666667	04/18/2010 7:00	04/18/2010 6:00	23.762	0.33773	0.387	16.58	0.422	13.81	45.0202	104.8358337	104.835718	0.237620	104.898190	
2010	108	800	108.333333333	04/18/2010 8:00	04/18/2010 7:00	23.397	0.33255	0.387	16.57	0.422	13.75	45.0322	104.8321922	104.832077	0.233970	104.894540	
2010	108	900	108.375000000	04/18/2010 9:00	04/18/2010 8:00	23.385	0.33238	0.387	16.58	0.422	13.65	45.0326	104.8320725	104.831957	0.233850	104.894420	
2010	108	1000	108.416666667	04/18/2010 10:00	04/18/2010 9:00	23.328	0.33157	0.387	16.58	0.422	13.58	45.0344	104.8315038	104.831388	0.233280	104.893850	
2010	108	1100	108.458333333	04/18/2010 11:00	04/18/2010 10:00	23.188	0.32958	0.387	16.57	0.422	13.51	45.0390	104.8301071	104.829992	0.231880	104.892450	
2010	108	1200	108.500000000	04/18/2010 12:00	04/18/2010 11:00	22.98	0.32662	0.386	16.59	0.422	13.48	45.0458	104.828032	104.827917	0.229800	104.890370	
2010	108	1300	108.541666667	04/18/2010 13:00	04/18/2010 12:00	23.201	0.32976	0.387	16.56	0.422	13.46	45.0386	104.8302368	104.830121	0.232010	104.892580	
2010	108	1400	108.583333333	04/18/2010 14:00	04/18/2010 13:00	23.205	0.32982	0.386	16.59	0.422	13.41	45.0385	104.8302767	104.830161	0.232050	104.892620	
2010	108	1500	108.625000000	04/18/2010 15:00	04/18/2010 14:00	23.052	0.32764	0.386	16.58	0.422	13.39	45.0435	104.8287503	104.828635	0.230520	104.891090	
2010	108	1600	108.666666667	04/18/2010 16:00	04/18/2010 15:00	22.91	0.32563	0.386	16.56	0.422	13.38	45.0481	104.8273336	104.827218	0.229100	104.889670	
2010	108	1700	108.708333333	04/18/2010 17:00	04/18/2010 16:00	23.833	0.33874	0.386	16.57	0.422	13.37	45.0179	104.836542	104.836427	0.238330	104.898900	
2010	108	1800	108.750000000	04/18/2010 18:00	04/18/2010 17:00	23.532	0.33447	0.386	16.57	0.422	13.32	45.0278	104.833539	104.833424	0.235320	104.895890	
2010	108	1900	108.791666667	04/18/2010 19:00	04/18/2010 18:00	23.8	0.33827	0.386	16.57	0.422	13.2	45.0190	104.8362128	104.836097	0.238000	104.898570	
2010	108	2000	108.833333333	04/18/2010 20:00	04/18/2010 19:00	23.55	0.33472	0.386	16.58	0.422	13.12	45.0272	104.8337186	104.833603	0.235500	104.896070	
2010	108	2100	108.875000000	04/18/2010 21:00	04/18/2010 20:00	23.822	0.33859	0.386	16.56	0.422	13.07	45.0183	104.8364323	104.836317	0.238220	104.898790	
2010	108	2200	108.916666667	04/18/2010 22:00	04/18/2010 21:00	23.748	0.33754	0.386	16.57	0.422	13.02	45.0207	104.835694	104.835579	0.237480	104.898050	
2010	108	2300	108.958333333	04/18/2010 23:00	04/18/2010 22:00	23.733	0.33732	0.386	16.57	0.422	12.98	45.0212	104.8355443	104.835429	0.237330	104.897900	
2010	108	2400	109.000000000	04/19/2010 0:00	04/18/2010 23:00	23.714	0.33705	0.387	16.58	0.422	12.95	45.0218	104.8353548	104.835239	0.237140	104.897710	
2010	109	100	109.041666667	04/19/2010 1:00	04/19/2010 0:00	23.754	0.33762	0.386	16.58	0.422	12.93	45.0205	104.8357538	104.835639	0.237540	104.898110	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	109	200	109.083333333	04/19/2010 2:00	04/19/2010 1:00	23.813	0.33846	0.386	16.57	0.422	12.9	45.0186	104.8363425	104.836227	0.238130	104.898700	
2010	109	300	109.125000000	04/19/2010 3:00	04/19/2010 2:00	23.837	0.33880	0.386	16.56	0.422	12.89	45.0178	104.8365819	104.836467	0.238370	104.898940	
2010	109	400	109.166666667	04/19/2010 4:00	04/19/2010 3:00	23.736	0.33737	0.386	16.56	0.422	12.88	45.0211	104.8355743	104.835459	0.237360	104.897930	
2010	109	500	109.208333333	04/19/2010 5:00	04/19/2010 4:00	23.787	0.33809	0.386	16.58	0.422	12.88	45.0194	104.8360831	104.835968	0.237870	104.898440	
2010	109	600	109.250000000	04/19/2010 6:00	04/19/2010 5:00	23.588	0.33526	0.386	16.57	0.422	13.2	45.0259	104.8340977	104.833982	0.235880	104.896450	
2010	109	700	109.291666667	04/19/2010 7:00	04/19/2010 6:00	23.488	0.33384	0.386	16.58	0.422	13.76	45.0292	104.8331001	104.832985	0.234880	104.895450	
2010	109	800	109.333333333	04/19/2010 8:00	04/19/2010 7:00	23.297	0.33113	0.386	16.58	0.422	13.71	45.0355	104.8311945	104.831079	0.232970	104.893540	
2010	109	900	109.375000000	04/19/2010 9:00	04/19/2010 8:00	23.323	0.33150	0.387	16.58	0.422	13.64	45.0346	104.8314539	104.831339	0.233230	104.893800	
2010	109	1000	109.416666667	04/19/2010 10:00	04/19/2010 9:00	23.021	0.32720	0.386	16.58	0.422	13.57	45.0445	104.828441	104.828326	0.230210	104.890780	
2010	109	1100	109.458333333	04/19/2010 11:00	04/19/2010 10:00	22.801	0.32408	0.386	16.59	0.422	13.5	45.0517	104.8262461	104.826131	0.228010	104.888580	
2010	109	1200	109.500000000	04/19/2010 12:00	04/19/2010 11:00	22.933	0.32595	0.386	16.59	0.422	13.45	45.0474	104.8275631	104.827448	0.229330	104.889900	
2010	109	1300	109.541666667	04/19/2010 13:00	04/19/2010 12:00	22.82	0.32435	0.386	16.59	0.422	13.41	45.0511	104.8264357	104.826320	0.228200	104.888770	
2010	109	1400	109.583333333	04/19/2010 14:00	04/19/2010 13:00	22.64	0.32179	0.386	16.58	0.422	13.36	45.0570	104.8246399	104.824525	0.226400	104.886970	
2010	109	1500	109.625000000	04/19/2010 15:00	04/19/2010 14:00	22.455	0.31916	0.386	16.57	0.422	13.3	45.0630	104.8227942	104.822679	0.224550	104.885120	
2010	109	1600	109.666666667	04/19/2010 16:00	04/19/2010 15:00	22.617	0.32146	0.386	16.58	0.422	13.29	45.0577	104.8244105	104.824295	0.226170	104.886740	
2010	109	1700	109.708333333	04/19/2010 17:00	04/19/2010 16:00	23.003	0.32695	0.386	16.56	0.422	13.3	45.0451	104.8282614	104.828146	0.230030	104.890600	
2010	109	1800	109.750000000	04/19/2010 18:00	04/19/2010 17:00	22.81	0.32420	0.386	16.57	0.422	13.28	45.0514	104.8263359	104.826221	0.228100	104.888670	
2010	109	1900	109.791666667	04/19/2010 19:00	04/19/2010 18:00	23.027	0.32729	0.386	16.58	0.422	13.15	45.0443	104.8285009	104.828386	0.230270	104.890840	
2010	109	2000	109.833333333	04/19/2010 20:00	04/19/2010 19:00	23.187	0.32956	0.386	16.55	0.422	13.08	45.0391	104.8300971	104.829982	0.231870	104.892440	
2010	109	2100	109.875000000	04/19/2010 21:00	04/19/2010 20:00	23.358	0.33199	0.386	16.58	0.422	13.03	45.0335	104.8318031	104.831688	0.233580	104.894150	
2010	109	2200	109.916666667	04/19/2010 22:00	04/19/2010 21:00	23.376	0.33225	0.386	16.58	0.422	12.98	45.0329	104.8319827	104.831867	0.233760	104.894330	
2010	109	2300	109.958333333	04/19/2010 23:00	04/19/2010 22:00	23.461	0.33346	0.386	16.58	0.422	12.96	45.0301	104.8328307	104.832715	0.234610	104.895180	
2010	109	2400	110.000000000	04/20/2010 0:00	04/19/2010 23:00	23.581	0.33516	0.386	16.57	0.422	12.93	45.0262	104.8340279	104.833913	0.235810	104.896380	
2010	110	100	110.041666667	04/20/2010 1:00	04/20/2010 0:00	23.908	0.33981	0.386	16.57	0.422	12.92	45.0155	104.8372902	104.837175	0.239080	104.899650	
2010	110	200	110.083333333	04/20/2010 2:00	04/20/2010 1:00	24.075	0.34218	0.386	16.57	0.422	12.91	45.0100	104.8389563	104.838841	0.240750	104.901320	
2010	110	300	110.125000000	04/20/2010 3:00	04/20/2010 2:00	24.627	0.35003	0.386	16.58	0.422	12.91	44.9919	104.8444634	104.844348	0.246270	104.906840	
2010	110	400	110.166666667	04/20/2010 4:00	04/20/2010 3:00	24.724	0.35141	0.386	16.57	0.422	12.9	44.9887	104.8454312	104.845316	0.247240	104.907810	
2010	110	500	110.208333333	04/20/2010 5:00	04/20/2010 4:00	24.741	0.35165	0.386	16.58	0.422	12.9	44.9882	104.8456008	104.845485	0.247410	104.907980	
2010	110	600	110.250000000	04/20/2010 6:00	04/20/2010 5:00	24.84	0.35306	0.386	16.59	0.422	13.17	44.9849	104.8465884	104.846473	0.248400	104.908970	
2010	110	700	110.291666667	04/20/2010 7:00	04/20/2010 6:00	24.883	0.35367	0.386	16.58	0.422	13.63	44.9835	104.8470174	104.846902	0.248830	104.909400	
2010	110	800	110.333333333	04/20/2010 8:00	04/20/2010 7:00	25.284	0.35937	0.386	16.57	0.422	13.57	44.9704	104.8510181	104.850903	0.252840	104.913410	
2010	110	900	110.375000000	04/20/2010 9:00	04/20/2010 8:00	25.028	0.35573	0.386	16.57	0.422	13.5	44.9788	104.848464	104.848349	0.250280	104.910850	
2010	110	1000	110.416666667	04/20/2010 10:00	04/20/2010 9:00	26.588	0.37790	0.386	16.56	0.422	13.46	44.9277	104.8640275	104.863912	0.265880	104.926450	
2010	110	1100	110.458333333	04/20/2010 11:00	04/20/2010 10:00	26.163	0.37186	0.386	16.59	0.422	13.42	44.9416	104.8597875	104.859672	0.261630	104.922200	
2010	110	1200	110.500000000	04/20/2010 12:00	04/20/2010 11:00	25.862	0.36758	0.386	16.56	0.422	13.38	44.9515	104.8567845	104.856669	0.258620	104.919190	
2010	110	1300	110.541666667	04/20/2010 13:00	04/20/2010 12:00	26.821	0.38121	0.387	16.59	0.422	13.37	44.9201	104.8663521	104.866237	0.268210	104.928780	
2010	110	1400	110.583333333	04/20/2010 14:00	04/20/2010 13:00	27.36	0.38887	0.386	16.56	0.422	13.37	44.9025	104.8717295	104.871614	0.273600	104.934170	
2010	110	1500	110.625000000	04/20/2010 15:00	04/20/2010 14:00	28.074	0.39902	0.386	16.57	0.421	13.37	44.8791	104.8788528	104.878737	0.280740	104.941310	
2010	110	1600	110.666666667	04/20/2010 16:00	04/20/2010 15:00	27.572	0.39189	0.386	16.58	0.421	13.41	44.8955	104.8738445	104.873729	0.275720	104.936290	
2010	110	1700	110.708333333	04/20/2010 17:00	04/20/2010 16:00	27.538	0.39140	0.386	16.57	0.421	13.41	44.8966	104.8735053	104.873390	0.275380	104.935950	
2010	110	1800	110.750000000	04/20/2010 18:00	04/20/2010 17:00	28.714	0.40812	0.386	16.57	0.421	13.31	44.8581	104.8852378	104.885122	0.287140	104.947710	
2010	110	1900	110.791666667	04/20/2010 19:00	04/20/2010 18:00	28.767	0.40887	0.386	16.56	0.421	13.2	44.8564	104.8857666	104.885651	0.287670	104.948240	
2010	110	2000	110.833333333	04/20/2010 20:00	04/20/2010 19:00	29.023	0.41251	0.386	16.57	0.421	13.13	44.8480	104.8883206	104.888205	0.290230	104.950800	
2010	110	2100	110.875000000	04/20/2010 21:00	04/20/2010 20:00	29.426	0.41824	0.386	16.58	0.421	13.07	44.8348	104.8923411	104.892226	0.294260	104.954830	
2010	110	2200	110.916666667	04/20/2010 22:00	04/20/2010 21:00	29.4	0.41787	0.386	16.59	0.421	13.03	44.8357	104.8920818	104.891966	0.294000	104.954570	
2010	110	2300	110.958333333	04/20/2010 23:00	04/20/2010 22:00	29.526	0.41966	0.386	16.56	0.422	12.99	44.8316	104.8933388	104.893223	0.295260	104.955830	
2010	110	2400	111.000000000	04/21/2010 0:00	04/20/2010 23:00	29.589	0.42056	0.388	16.59	0.423	12.97	44.8295	104.8939673	104.893852	0.295890	104.956460	
2010	111	100	111.041666667	04/21/2010 1:00	04/21/2010 0:00	29.688	0.42196	0.389	16.59	0.425	12.94	44.8263	104.894955	104.894840	0.296880	104.957450	
2010	111	200	111.083333333	04/21/2010 2:00	04/21/2010 1:00	29.76	0.42299	0.39	16.58	0.426	12.93	44.8239	104.8956733	104.895558	0.297600	104.958170	
2010	111	300	111.125000000	04/21/2010 3:00	04/21/2010 2:00	29.867	0.42451	0.39	16.59	0.426	12.91	44.8204	104.8967408	104.896625	0.298670	104.959240	
2010	111	400	111.166666667	04/21/2010 4:00	04/21/2010 3:00	29.868	0.42452	0.39	16.57	0.426	12.9	44.8204	104.8967508	104.896635	0.298680	104.959250	
2010	111	500	111.208333333	04/21/2010 5:00	04/21/2010 4:00	30.032	0.42685	0.39	16.58	0.426	12.89	44.8150	104.898387	104.898272	0.300320	104.960890	
2010	111	600	111.250000000	04/21/2010 6:00	04/21/2010 5:00	30.114	0.42802	0.39	16.57	0.426	13.22	44.8123	104.899205	104.899090	0.301140	104.961710	
2010	111	700	111.291666667	04/21/2010 7:00	04/21/2010 6:00	30.125	0.42817	0.391	16.57	0.427	13.2	44.8120	104.8993148	104.899199	0.301250	104.961820	
2010	111	800	111.333333333	04/21/2010 8:00	04/21/2010 7:00	30.148	0.42850	0.39	16.59	0.426	13.7	44.8112	104.8995443	104.899429	0.301480	104.962050	
2010	111	900	111.375000000	04/21/2010 9:00	04/21/2010 8:00	30.241	0.42982	0.39	16.58	0.426	13.72	44.8082	104.9004721	104.900357	0.302410	104.962980	
2010	111	1000	111.416666667	04/21/2010 10:00	04/21/2010 9:00	29.552	0.42003	0.39	16.58	0.426	13.68	44.8307	104.8935982	104.893483	0.295520	104.956090	
2010	111	1100	111.458333333	04/21/2010 11:00	04/21/2010 10:00	30.017	0.42664	0.389	16.59	0.425	13.63	44.8155	104.8982373	104.898122	0.300170	104.960740	
2010	111	1200	111.500000000	04/21/2010 12:00	04/21/2010 11:00	29.914	0.42517	0.389	16.58	0.425	13.6	44.8189	104.8972097	104.897094	0.299140	104.959710	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	111	1300	111.541666667	04/21/2010 13:00	04/21/2010 12:00	30.577	0.43460	0.388	16.58	0.424	13.58	44.7972	104.9038242	104.903709	0.305770	104.966340	
2010	111	1400	111.583333333	04/21/2010 14:00	04/21/2010 13:00	29.801	0.42357	0.388	16.59	0.424	13.56	44.8226	104.8960824	104.895967	0.298010	104.958580	
2010	111	1500	111.625000000	04/21/2010 15:00	04/21/2010 14:00	30.276	0.43032	0.388	16.58	0.424	13.54	44.8070	104.9008213	104.900706	0.302760	104.963330	
2010	111	1600	111.666666667	04/21/2010 16:00	04/21/2010 15:00	30.639	0.43548	0.388	16.57	0.423	13.54	44.7951	104.9044428	104.904327	0.306390	104.966960	
2010	111	1700	111.708333333	04/21/2010 17:00	04/21/2010 16:00	30.932	0.43964	0.388	16.58	0.423	13.54	44.7855	104.9073659	104.907251	0.309320	104.969890	
2010	111	1800	111.750000000	04/21/2010 18:00	04/21/2010 17:00	31.332	0.44533	0.388	16.57	0.423	13.57	44.7725	104.9113566	104.911241	0.313320	104.973890	
2010	111	1900	111.791666667	04/21/2010 19:00	04/21/2010 18:00	31.494	0.44763	0.388	16.58	0.423	13.41	44.7671	104.9129728	104.912857	0.314940	104.975510	
2010	111	2000	111.833333333	04/21/2010 20:00	04/21/2010 19:00	31.845	0.45262	0.388	16.57	0.424	13.3	44.7557	104.9164746	104.916359	0.318450	104.979020	
2010	111	2100	111.875000000	04/21/2010 21:00	04/21/2010 20:00	32.119	0.45651	0.388	16.58	0.423	13.23	44.7467	104.9192081	104.919093	0.321190	104.981760	
2010	111	2200	111.916666667	04/21/2010 22:00	04/21/2010 21:00	32.387	0.46032	0.388	16.57	0.424	13.17	44.7379	104.9218819	104.921767	0.323870	104.984440	
2010	111	2300	111.958333333	04/21/2010 23:00	04/21/2010 22:00	32.716	0.46500	0.388	16.56	0.423	13.12	44.7272	104.9251642	104.925049	0.327160	104.987730	
2010	111	2400	112.000000000	04/22/2010 0:00	04/21/2010 23:00	32.947	0.46828	0.388	16.55	0.423	13.08	44.7196	104.9274688	104.927353	0.329470	104.990040	
2010	112	100	112.041666667	04/22/2010 1:00	04/22/2010 0:00	33.242	0.47248	0.387	16.59	0.423	13.04	44.7099	104.9304119	104.930297	0.332420	104.992990	
2010	112	200	112.083333333	04/22/2010 2:00	04/22/2010 1:00	33.534	0.47663	0.387	16.58	0.423	13.01	44.7004	104.933325	104.933210	0.335340	104.995910	
2010	112	300	112.125000000	04/22/2010 3:00	04/22/2010 2:00	33.812	0.48058	0.387	16.57	0.423	12.99	44.6913	104.9360985	104.935983	0.338120	104.998690	
2010	112	400	112.166666667	04/22/2010 4:00	04/22/2010 3:00	34.06	0.48410	0.387	16.58	0.422	12.95	44.6832	104.9385727	104.938457	0.340600	105.001170	
2010	112	500	112.208333333	04/22/2010 5:00	04/22/2010 4:00	34.259	0.48693	0.387	16.57	0.423	12.93	44.6766	104.9405581	104.940443	0.342590	105.003160	
2010	112	600	112.250000000	04/22/2010 6:00	04/22/2010 5:00	34.39	0.48879	0.387	16.59	0.422	12.91	44.6724	104.941865	104.941750	0.343900	105.004470	
2010	112	700	112.291666667	04/22/2010 7:00	04/22/2010 6:00	34.659	0.49262	0.387	16.55	0.422	12.91	44.6636	104.9445487	104.944433	0.346590	105.007160	
2010	112	800	112.333333333	04/22/2010 8:00	04/22/2010 7:00	34.865	0.49554	0.387	16.58	0.422	13.75	44.6568	104.9466039	104.946489	0.348650	105.009220	
2010	112	900	112.375000000	04/22/2010 9:00	04/22/2010 8:00	34.489	0.49020	0.387	16.58	0.422	13.7	44.6691	104.9428527	104.942737	0.344890	105.005460	
2010	112	1000	112.416666667	04/22/2010 10:00	04/22/2010 9:00	35.095	0.49881	0.387	16.58	0.422	13.62	44.6493	104.9488985	104.948783	0.350950	105.011520	
2010	112	1100	112.458333333	04/22/2010 11:00	04/22/2010 10:00	35.466	0.50409	0.387	16.58	0.422	13.55	44.6371	104.9525998	104.952484	0.354660	105.015230	
2010	112	1200	112.500000000	04/22/2010 12:00	04/22/2010 11:00	34.929	0.49645	0.387	16.58	0.422	13.52	44.6547	104.9472424	104.947127	0.349290	105.009860	
2010	112	1300	112.541666667	04/22/2010 13:00	04/22/2010 12:00	35.611	0.50615	0.387	16.59	0.422	13.5	44.6324	104.9540464	104.953931	0.356110	105.016680	
2010	112	1400	112.583333333	04/22/2010 14:00	04/22/2010 13:00	36.091	0.51297	0.387	16.58	0.422	13.43	44.6167	104.9588352	104.958720	0.360910	105.021480	
2010	112	1500	112.625000000	04/22/2010 15:00	04/22/2010 14:00	36.528	0.51918	0.387	16.6	0.423	13.4	44.6024	104.963195	104.963080	0.365280	105.025850	
2010	112	1600	112.666666667	04/22/2010 16:00	04/22/2010 15:00	36.385	0.51715	0.387	16.57	0.423	13.39	44.6071	104.9617683	104.961653	0.363850	105.024420	
2010	112	1700	112.708333333	04/22/2010 17:00	04/22/2010 16:00	36.737	0.52215	0.387	16.58	0.423	13.41	44.5955	104.9652801	104.965165	0.367370	105.027940	
2010	112	1800	112.750000000	04/22/2010 18:00	04/22/2010 17:00	37.292	0.53004	0.387	16.6	0.423	13.46	44.5774	104.9708171	104.970702	0.372920	105.033490	
2010	112	1900	112.791666667	04/22/2010 19:00	04/22/2010 18:00	37.663	0.53531	0.387	16.59	0.423	13.31	44.5652	104.9745184	104.974403	0.376630	105.037200	
2010	112	2000	112.833333333	04/22/2010 20:00	04/22/2010 19:00	37.973	0.53972	0.388	16.58	0.423	13.22	44.5551	104.9776112	104.977496	0.379730	105.040300	
2010	112	2100	112.875000000	04/22/2010 21:00	04/22/2010 20:00	38.152	0.54226	0.388	16.57	0.424	13.15	44.5492	104.979397	104.979282	0.381520	105.042090	
2010	112	2200	112.916666667	04/22/2010 22:00	04/22/2010 21:00	38.368	0.54533	0.388	16.59	0.423	13.1	44.5422	104.9815519	104.981437	0.383680	105.044250	
2010	112	2300	112.958333333	04/22/2010 23:00	04/22/2010 22:00	38.556	0.54801	0.388	16.59	0.424	13.06	44.5360	104.9834275	104.983312	0.385560	105.046130	
2010	112	2400	113.000000000	04/23/2010 0:00	04/22/2010 23:00	38.775	0.55112	0.388	16.58	0.424	13.01	44.5288	104.9856124	104.985497	0.387750	105.048320	
2010	113	100	113.041666667	04/23/2010 1:00	04/23/2010 0:00	38.785	0.55126	0.388	16.58	0.424	12.99	44.5285	104.9857122	104.985597	0.387850	105.048420	
2010	113	200	113.083333333	04/23/2010 2:00	04/23/2010 1:00	38.938	0.55343	0.388	16.59	0.424	12.95	44.5235	104.9872386	104.987123	0.389380	105.049950	
2010	113	300	113.125000000	04/23/2010 3:00	04/23/2010 2:00	39.067	0.55527	0.388	16.57	0.424	12.92	44.5193	104.9885256	104.988410	0.390670	105.051240	
2010	113	400	113.166666667	04/23/2010 4:00	04/23/2010 3:00	39.211	0.55731	0.388	16.57	0.424	12.9	44.5146	104.9899622	104.989847	0.392110	105.052680	
2010	113	500	113.208333333	04/23/2010 5:00	04/23/2010 4:00	39.458	0.56083	0.388	16.58	0.424	12.89	44.5065	104.9924264	104.992311	0.394580	105.055150	
2010	113	600	113.250000000	04/23/2010 6:00	04/23/2010 5:00	39.124	0.55608	0.388	16.57	0.424	13.2	44.5174	104.9890943	104.988979	0.391240	105.051810	
2010	113	700	113.291666667	04/23/2010 7:00	04/23/2010 6:00	39.163	0.55663	0.388	16.57	0.424	13.83	44.5161	104.9894833	104.989368	0.391630	105.052200	
2010	113	800	113.333333333	04/23/2010 8:00	04/23/2010 7:00	39.474	0.56105	0.388	16.58	0.423	13.76	44.5060	104.9925861	104.992471	0.394740	105.055310	
2010	113	900	113.375000000	04/23/2010 9:00	04/23/2010 8:00	39.527	0.56181	0.388	16.59	0.423	13.69	44.5042	104.9931148	104.992999	0.395270	105.055840	
2010	113	1000	113.416666667	04/23/2010 10:00	04/23/2010 9:00	40.275	0.57244	0.388	16.6	0.424	13.63	44.4797	105.0005773	105.000462	0.402750	105.063320	
2010	113	1100	113.458333333	04/23/2010 11:00	04/23/2010 10:00	40.393	0.57411	0.389	16.59	0.424	13.58	44.4759	105.0017546	105.001639	0.403930	105.064500	
2010	113	1200	113.500000000	04/23/2010 12:00	04/23/2010 11:00	41.521	0.59015	0.389	16.59	0.424	13.58	44.4389	105.0130082	105.012893	0.415210	105.075780	
2010	113	1300	113.541666667	04/23/2010 13:00	04/23/2010 12:00	41.234	0.58607	0.389	16.59	0.424	13.58	44.4483	105.0101449	105.010030	0.412340	105.072910	
2010	113	1400	113.583333333	04/23/2010 14:00	04/23/2010 13:00	42.146	0.59903	0.389	16.6	0.425	13.54	44.4185	105.0192435	105.019128	0.421460	105.082030	
2010	113	1500	113.625000000	04/23/2010 15:00	04/23/2010 14:00	42.286	0.60102	0.389	16.61	0.425	13.5	44.4139	105.0206403	105.020525	0.422860	105.083430	
2010	113	1600	113.666666667	04/23/2010 16:00	04/23/2010 15:00	42.539	0.60462	0.389	16.62	0.425	13.48	44.4056	105.0231644	105.023049	0.425390	105.085960	
2010	113	1700	113.708333333	04/23/2010 17:00	04/23/2010 16:00	43.733	0.62159	0.389	16.59	0.425	13.49	44.3665	105.0350764	105.034961	0.437330	105.097900	
2010	113	1800	113.750000000	04/23/2010 18:00	04/23/2010 17:00	44.008	0.62550	0.389	16.58	0.425	13.49	44.3575	105.03782	105.037705	0.440080	105.100650	
2010	113	1900	113.791666667	04/23/2010 19:00	04/23/2010 18:00	44.137	0.62733	0.389	16.58	0.425	13.33	44.3533	105.039107	105.038992	0.441370	105.101940	
2010	113	2000	113.833333333	04/23/2010 20:00	04/23/2010 19:00	44.235	0.62872	0.389	16.59	0.425	13.24	44.3501	105.0400847	105.039969	0.442350	105.102920	
2010	113	2100	113.875000000	04/23/2010 21:00	04/23/2010 20:00	44.649	0.63461	0.389	16.59	0.425	13.17	44.3366	105.044215	105.044100	0.446490	105.107060	
2010	113	2200	113.916666667	04/23/2010 22:00	04/23/2010 21:00	44.871	0.63776	0.389	16.6	0.425	13.12	44.3293	105.0464298	105.046314	0.448710	105.109280	
2010	113	2300	113.958333333	04/23/2010 23:00	04/23/2010 22:00	45.041	0.64018	0.39	16.59	0.425	13.07	44.3237	105.0481258	105.048010	0.450410	105.110980	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	113	2400	114.000000000	04/24/2010 0:00	04/23/2010 23:00	45.234	0.64292	0.39	16.59	0.425	13.03	44.3174	105.0500513	105.049936	0.452340	105.112910	
2010	114	100	114.041666667	04/24/2010 1:00	04/24/2010 0:00	45.555	0.64748	0.39	16.58	0.425	13	44.3069	105.0532538	105.053138	0.455550	105.116120	
2010	114	200	114.083333333	04/24/2010 2:00	04/24/2010 1:00	45.909	0.65252	0.39	16.61	0.425	12.96	44.2953	105.0567855	105.056670	0.459090	105.119660	
2010	114	300	114.125000000	04/24/2010 3:00	04/24/2010 2:00	46.454	0.66026	0.39	16.59	0.425	12.94	44.2775	105.0622228	105.062107	0.464540	105.125110	
2010	114	400	114.166666667	04/24/2010 4:00	04/24/2010 3:00	46.583	0.66209	0.39	16.59	0.425	12.92	44.2733	105.0635097	105.063394	0.465830	105.126400	
2010	114	500	114.208333333	04/24/2010 5:00	04/24/2010 4:00	46.959	0.66744	0.39	16.6	0.425	12.9	44.2610	105.0672609	105.067146	0.469590	105.130160	
2010	114	600	114.250000000	04/24/2010 6:00	04/24/2010 5:00	47.223	0.67119	0.39	16.6	0.425	13.22	44.2523	105.0698948	105.069779	0.472230	105.132800	
2010	114	700	114.291666667	04/24/2010 7:00	04/24/2010 6:00	47.434	0.67419	0.39	16.58	0.426	13.82	44.2454	105.0719998	105.071884	0.474340	105.134910	
2010	114	800	114.333333333	04/24/2010 8:00	04/24/2010 7:00	47.488	0.67496	0.39	16.59	0.426	13.78	44.2436	105.0725386	105.072423	0.474880	105.135450	
2010	114	900	114.375000000	04/24/2010 9:00	04/24/2010 8:00	48.013	0.68242	0.39	16.59	0.426	13.73	44.2265	105.0777763	105.077661	0.480130	105.140700	
2010	114	1000	114.416666667	04/24/2010 10:00	04/24/2010 9:00	48.09	0.68351	0.39	16.6	0.426	13.67	44.2239	105.0785445	105.078429	0.480900	105.141470	
2010	114	1100	114.458333333	04/24/2010 11:00	04/24/2010 10:00	48.363	0.68739	0.39	16.6	0.426	13.62	44.2150	105.0812681	105.081153	0.483630	105.144200	
2010	114	1200	114.500000000	04/24/2010 12:00	04/24/2010 11:00	48.05	0.68295	0.39	16.61	0.426	13.61	44.2252	105.0781454	105.078030	0.480500	105.141070	
2010	114	1300	114.541666667	04/24/2010 13:00	04/24/2010 12:00	48.058	0.68306	0.39	16.59	0.426	13.6	44.2250	105.0782252	105.078110	0.480580	105.141150	
2010	114	1400	114.583333333	04/24/2010 14:00	04/24/2010 13:00	48.692	0.69207	0.39	16.61	0.426	13.57	44.2042	105.0845504	105.084435	0.486920	105.147490	
2010	114	1500	114.625000000	04/24/2010 15:00	04/24/2010 14:00	48.688	0.69201	0.39	16.59	0.426	13.57	44.2044	105.0845105	105.084395	0.486880	105.147450	
2010	114	1600	114.666666667	04/24/2010 16:00	04/24/2010 15:00	48.229	0.68549	0.39	16.6	0.426	13.57	44.2194	105.0799312	105.079816	0.482290	105.142860	
2010	114	1700	114.708333333	04/24/2010 17:00	04/24/2010 16:00	48.919	0.69530	0.39	16.6	0.426	13.56	44.1968	105.0868151	105.086700	0.489190	105.149760	
2010	114	1800	114.750000000	04/24/2010 18:00	04/24/2010 17:00	49.262	0.70017	0.39	16.59	0.426	13.59	44.1856	105.0902371	105.090122	0.492620	105.153190	
2010	114	1900	114.791666667	04/24/2010 19:00	04/24/2010 18:00	49.275	0.70036	0.39	16.6	0.426	13.43	44.1851	105.0903668	105.090251	0.492750	105.153320	
2010	114	2000	114.833333333	04/24/2010 20:00	04/24/2010 19:00	49.155	0.69865	0.39	16.6	0.426	13.33	44.1891	105.0891696	105.089054	0.491550	105.152120	
2010	114	2100	114.875000000	04/24/2010 21:00	04/24/2010 20:00	49.079	0.69757	0.39	16.58	0.425	13.25	44.1916	105.0884113	105.088296	0.490790	105.151360	
2010	114	2200	114.916666667	04/24/2010 22:00	04/24/2010 21:00	49.149	0.69857	0.39	16.57	0.425	13.19	44.1893	105.0891097	105.088994	0.491490	105.152060	
2010	114	2300	114.958333333	04/24/2010 23:00	04/24/2010 22:00	49.183	0.69905	0.39	16.56	0.426	13.14	44.1882	105.0894489	105.089334	0.491830	105.152400	
2010	114	2400	115.000000000	04/25/2010 0:00	04/24/2010 23:00	48.869	0.69459	0.39	16.59	0.426	13.11	44.1984	105.0863163	105.086201	0.488690	105.149260	
2010	115	100	115.041666667	04/25/2010 1:00	04/25/2010 0:00	48.84	0.69417	0.39	16.58	0.426	13.06	44.1994	105.0860269	105.085912	0.488400	105.148970	
2010	115	200	115.083333333	04/25/2010 2:00	04/25/2010 1:00	48.741	0.69277	0.39	16.6	0.426	13.02	44.2026	105.0850393	105.084924	0.487410	105.147980	
2010	115	300	115.125000000	04/25/2010 3:00	04/25/2010 2:00	48.672	0.69179	0.39	16.59	0.426	12.98	44.2049	105.0843509	105.084236	0.486720	105.147290	
2010	115	400	115.166666667	04/25/2010 4:00	04/25/2010 3:00	48.636	0.69127	0.39	16.59	0.426	12.95	44.2061	105.0839917	105.083876	0.486360	105.146930	
2010	115	500	115.208333333	04/25/2010 5:00	04/25/2010 4:00	48.613	0.69095	0.39	16.59	0.426	12.92	44.2068	105.0837622	105.083647	0.486130	105.146700	
2010	115	600	115.250000000	04/25/2010 6:00	04/25/2010 5:00	48.274	0.68613	0.39	16.59	0.426	13.04	44.2179	105.0803802	105.080265	0.482740	105.143310	
2010	115	700	115.291666667	04/25/2010 7:00	04/25/2010 6:00	48.183	0.68484	0.39	16.57	0.426	13.85	44.2209	105.0794723	105.079357	0.481830	105.142400	
2010	115	800	115.333333333	04/25/2010 8:00	04/25/2010 7:00	48.047	0.68290	0.39	16.57	0.426	13.8	44.2253	105.0781155	105.078000	0.480470	105.141040	
2010	115	900	115.375000000	04/25/2010 9:00	04/25/2010 8:00	47.748	0.67865	0.39	16.59	0.426	13.74	44.2351	105.0751325	105.075017	0.477480	105.138050	
2010	115	1000	115.416666667	04/25/2010 10:00	04/25/2010 9:00	48.213	0.68526	0.39	16.57	0.426	13.69	44.2199	105.0797716	105.079656	0.482130	105.142700	
2010	115	1100	115.458333333	04/25/2010 11:00	04/25/2010 10:00	48.006	0.68232	0.39	16.6	0.425	13.64	44.2267	105.0777064	105.077591	0.480060	105.140630	
2010	115	1200	115.500000000	04/25/2010 12:00	04/25/2010 11:00	47.708	0.67808	0.39	16.58	0.425	13.61	44.2364	105.0747334	105.074618	0.477080	105.137650	
2010	115	1300	115.541666667	04/25/2010 13:00	04/25/2010 12:00	48.125	0.68401	0.389	16.59	0.425	13.6	44.2228	105.0788937	105.078778	0.481250	105.141820	
2010	115	1400	115.583333333	04/25/2010 14:00	04/25/2010 13:00	47.762	0.67885	0.39	16.59	0.425	13.58	44.2347	105.0752722	105.075157	0.477620	105.138190	
2010	115	1500	115.625000000	04/25/2010 15:00	04/25/2010 14:00	47.828	0.67979	0.39	16.59	0.425	13.54	44.2325	105.0759306	105.075815	0.478280	105.138850	
2010	115	1600	115.666666667	04/25/2010 16:00	04/25/2010 15:00	47.663	0.67745	0.389	16.58	0.425	13.55	44.2379	105.0742845	105.074169	0.476630	105.137200	
2010	115	1700	115.708333333	04/25/2010 17:00	04/25/2010 16:00	47.736	0.67848	0.389	16.59	0.425	13.56	44.2355	105.0750128	105.074897	0.477360	105.137930	
2010	115	1800	115.750000000	04/25/2010 18:00	04/25/2010 17:00	47.751	0.67870	0.389	16.59	0.425	13.58	44.2350	105.0751624	105.075047	0.477510	105.138080	
2010	115	1900	115.791666667	04/25/2010 19:00	04/25/2010 18:00	47.649	0.67725	0.389	16.58	0.425	13.4	44.2384	105.0741448	105.074029	0.476490	105.137060	
2010	115	2000	115.833333333	04/25/2010 20:00	04/25/2010 19:00	47.329	0.67270	0.389	16.57	0.425	13.31	44.2488	105.0709523	105.070837	0.473290	105.133860	
2010	115	2100	115.875000000	04/25/2010 21:00	04/25/2010 20:00	47.075	0.66909	0.389	16.58	0.425	13.25	44.2572	105.0684182	105.068303	0.470750	105.131320	
2010	115	2200	115.916666667	04/25/2010 22:00	04/25/2010 21:00	46.933	0.66707	0.389	16.57	0.424	13.18	44.2618	105.0670016	105.066886	0.469330	105.129900	
2010	115	2300	115.958333333	04/25/2010 23:00	04/25/2010 22:00	46.589	0.66218	0.388	16.55	0.424	13.14	44.2731	105.0635696	105.063454	0.465890	105.126460	
2010	115	2400	116.000000000	04/26/2010 0:00	04/25/2010 23:00	46.302	0.65810	0.388	16.57	0.424	13.09	44.2825	105.0607063	105.060591	0.463020	105.123590	
2010	116	100	116.041666667	04/26/2010 1:00	04/26/2010 0:00	45.963	0.65328	0.388	16.58	0.424	13.05	44.2936	105.0573242	105.057209	0.459630	105.120200	
2010	116	200	116.083333333	04/26/2010 2:00	04/26/2010 1:00	45.71	0.64969	0.388	16.57	0.424	13.01	44.3018	105.0548002	105.054685	0.457100	105.117670	
2010	116	300	116.125000000	04/26/2010 3:00	04/26/2010 2:00	45.558	0.64753	0.388	16.57	0.424	12.98	44.3068	105.0532837	105.053168	0.455580	105.116150	
2010	116	400	116.166666667	04/26/2010 4:00	04/26/2010 3:00	45.349	0.64456	0.388	16.58	0.424	12.94	44.3137	105.0511986	105.051083	0.453490	105.114060	
2010	116	500	116.208333333	04/26/2010 5:00	04/26/2010 4:00	44.996	0.63954	0.388	16.58	0.424	12.92	44.3252	105.0476769	105.047562	0.449960	105.110530	
2010	116	600	116.250000000	04/26/2010 6:00	04/26/2010 5:00	44.844	0.63738	0.388	16.58	0.424	13.1	44.3302	105.0461604	105.046045	0.448440	105.109010	
2010	116	700	116.291666667	04/26/2010 7:00	04/26/2010 6:00	44.567	0.63344	0.388	16.58	0.424	13.89	44.3392	105.0433969	105.043282	0.445670	105.106240	
2010	116	800	116.333333333	04/26/2010 8:00	04/26/2010 7:00	44.436	0.63158	0.388	16.57	0.424	13.83	44.3435	105.04209	105.041975	0.444360	105.104930	
2010	116	900	116.375000000	04/26/2010 9:00	04/26/2010 8:00	45.147	0.64168	0.388	16.58	0.424	13.76	44.3203	105.0491833	105.049068	0.451470	105.112040	
2010	116	1000	116.416666667	04/26/2010 10:00	04/26/2010 9:00	44.477	0.63216	0.388	16.57	0.424	13.7	44.3422	105.042499	105.042384	0.444770	105.105340	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	116	1100	116.458333333	04/26/2010 11:00	04/26/2010 10:00	43.779	0.62224	0.388	16.59	0.424	13.62	44.3650	105.0355353	105.035420	0.437790	105.098360	
2010	116	1200	116.500000000	04/26/2010 12:00	04/26/2010 11:00	44.092	0.62669	0.388	16.59	0.424	13.56	44.3548	105.038658	105.038543	0.440920	105.101490	
2010	116	1300	116.541666667	04/26/2010 13:00	04/26/2010 12:00	44.173	0.62784	0.388	16.6	0.424	13.54	44.3521	105.0394661	105.039351	0.441730	105.102300	
2010	116	1400	116.583333333	04/26/2010 14:00	04/26/2010 13:00	44.172	0.62783	0.388	16.58	0.424	13.52	44.3522	105.0394561	105.039341	0.441720	105.102290	
2010	116	1500	116.625000000	04/26/2010 15:00	04/26/2010 14:00	44.341	0.63023	0.388	16.59	0.424	13.52	44.3466	105.0411422	105.041027	0.443410	105.103980	
2010	116	1600	116.666666667	04/26/2010 16:00	04/26/2010 15:00	44.335	0.63014	0.388	16.59	0.424	13.54	44.3468	105.0410823	105.040967	0.443350	105.103920	
2010	116	1700	116.708333333	04/26/2010 17:00	04/26/2010 16:00	44.571	0.63350	0.388	16.57	0.424	13.44	44.3391	105.0434368	105.043321	0.445710	105.106280	
2010	116	1800	116.750000000	04/26/2010 18:00	04/26/2010 17:00	44.606	0.63400	0.388	16.57	0.424	13.32	44.3380	105.043786	105.043671	0.446060	105.106630	
2010	116	1900	116.791666667	04/26/2010 19:00	04/26/2010 18:00	44.802	0.63678	0.388	16.58	0.424	13.23	44.3316	105.0457414	105.045626	0.448020	105.108590	
2010	116	2000	116.833333333	04/26/2010 20:00	04/26/2010 19:00	44.938	0.63871	0.389	16.58	0.424	13.16	44.3271	105.0470982	105.046983	0.449380	105.109950	
2010	116	2100	116.875000000	04/26/2010 21:00	04/26/2010 20:00	45.163	0.64191	0.388	16.58	0.424	13.11	44.3197	105.049343	105.049228	0.451630	105.112200	
2010	116	2200	116.916666667	04/26/2010 22:00	04/26/2010 21:00	45.605	0.64819	0.389	16.59	0.425	13.06	44.3053	105.0537526	105.053637	0.456050	105.116620	
2010	116	2300	116.958333333	04/26/2010 23:00	04/26/2010 22:00	45.907	0.65249	0.389	16.58	0.424	13.02	44.2954	105.0567656	105.056650	0.459070	105.119640	
2010	116	2400	117.000000000	04/27/2010 0:00	04/26/2010 23:00	46.152	0.65597	0.389	16.59	0.424	12.98	44.2874	105.0592098	105.059094	0.461520	105.122090	
2010	117	100	117.041666667	04/27/2010 1:00	04/27/2010 0:00	46.471	0.66050	0.389	16.59	0.424	12.95	44.2769	105.0623924	105.062277	0.464710	105.125280	
2010	117	200	117.083333333	04/27/2010 2:00	04/27/2010 1:00	46.812	0.66535	0.389	16.59	0.424	12.93	44.2658	105.0657944	105.065679	0.468120	105.128690	
2010	117	300	117.125000000	04/27/2010 3:00	04/27/2010 2:00	47.3	0.67229	0.389	16.58	0.424	12.91	44.2498	105.070663	105.070548	0.473000	105.133570	
2010	117	400	117.166666667	04/27/2010 4:00	04/27/2010 3:00	47.484	0.67490	0.389	16.59	0.424	12.9	44.2438	105.0724987	105.072383	0.474840	105.135410	
2010	117	500	117.208333333	04/27/2010 5:00	04/27/2010 4:00	47.72	0.67826	0.389	16.59	0.424	12.89	44.2360	105.0748531	105.074738	0.477200	105.137770	
2010	117	600	117.250000000	04/27/2010 6:00	04/27/2010 5:00	48.084	0.68343	0.389	16.58	0.424	12.88	44.2241	105.0784846	105.078369	0.480840	105.141410	
2010	117	700	117.291666667	04/27/2010 7:00	04/27/2010 6:00	48.203	0.68512	0.389	16.58	0.424	13.1	44.2202	105.0796718	105.079556	0.482030	105.142600	
2010	117	800	117.333333333	04/27/2010 8:00	04/27/2010 7:00	48.426	0.68829	0.389	16.57	0.424	13.76	44.2129	105.0818966	105.081781	0.484260	105.144830	
2010	117	900	117.375000000	04/27/2010 9:00	04/27/2010 8:00	48.461	0.68879	0.389	16.59	0.424	13.77	44.2118	105.0822458	105.082130	0.484610	105.145180	
2010	117	1000	117.416666667	04/27/2010 10:00	04/27/2010 9:00	48.624	0.69110	0.389	16.57	0.425	13.76	44.2065	105.083872	105.083757	0.486240	105.146810	
2010	117	1100	117.458333333	04/27/2010 11:00	04/27/2010 10:00	48.7	0.69218	0.389	16.59	0.425	13.7	44.2040	105.0846302	105.084515	0.487000	105.147570	
2010	117	1200	117.500000000	04/27/2010 12:00	04/27/2010 11:00	49.084	0.69764	0.389	16.6	0.425	13.68	44.1914	105.0884612	105.088346	0.490840	105.151410	
2010	117	1300	117.541666667	04/27/2010 13:00	04/27/2010 12:00	48.599	0.69075	0.389	16.6	0.425	13.64	44.2073	105.0836226	105.083507	0.485990	105.146560	
2010	117	1400	117.583333333	04/27/2010 14:00	04/27/2010 13:00	48.851	0.69433	0.389	16.59	0.425	13.58	44.1990	105.0861367	105.086021	0.488510	105.149080	
2010	117	1500	117.625000000	04/27/2010 15:00	04/27/2010 14:00	49.983	0.71042	0.39	16.59	0.425	13.52	44.1620	105.0974302	105.097315	0.499830	105.160400	
2010	117	1600	117.666666667	04/27/2010 16:00	04/27/2010 15:00	49.547	0.70422	0.39	16.61	0.426	13.5	44.1762	105.0930804	105.092965	0.495470	105.156040	
2010	117	1700	117.708333333	04/27/2010 17:00	04/27/2010 16:00	49.869	0.70880	0.39	16.58	0.426	13.53	44.1657	105.0962929	105.096178	0.498690	105.159260	
2010	117	1800	117.750000000	04/27/2010 18:00	04/27/2010 17:00	50.265	0.71443	0.39	16.59	0.426	13.44	44.1527	105.1002436	105.100128	0.502650	105.163220	
2010	117	1900	117.791666667	04/27/2010 19:00	04/27/2010 18:00	50.6	0.71919	0.389	16.59	0.425	13.32	44.1418	105.1035858	105.103470	0.506000	105.166570	
2010	117	2000	117.833333333	04/27/2010 20:00	04/27/2010 19:00	50.658	0.72001	0.389	16.58	0.425	13.24	44.1399	105.1041644	105.104049	0.506580	105.167150	
2010	117	2100	117.875000000	04/27/2010 21:00	04/27/2010 20:00	51.058	0.72570	0.389	16.59	0.425	13.18	44.1268	105.108155	105.108040	0.510580	105.171150	
2010	117	2200	117.916666667	04/27/2010 22:00	04/27/2010 21:00	51.639	0.73396	0.389	16.58	0.424	13.13	44.1078	105.1139514	105.113836	0.516390	105.176960	
2010	117	2300	117.958333333	04/27/2010 23:00	04/27/2010 22:00	52.015	0.73930	0.389	16.59	0.424	13.08	44.0955	105.1177027	105.117587	0.520150	105.180720	
2010	117	2400	118.000000000	04/28/2010 0:00	04/27/2010 23:00	52.609	0.74774	0.388	16.6	0.424	13.04	44.0760	105.1236288	105.123513	0.526090	105.186660	
2010	118	100	118.041666667	04/28/2010 1:00	04/28/2010 0:00	53.207	0.75624	0.388	16.59	0.424	13	44.0564	105.1295948	105.129479	0.532070	105.192640	
2010	118	200	118.083333333	04/28/2010 2:00	04/28/2010 1:00	53.841	0.76525	0.388	16.56	0.424	12.97	44.0357	105.1359199	105.135805	0.538410	105.198980	
2010	118	300	118.125000000	04/28/2010 3:00	04/28/2010 2:00	54.499	0.77461	0.388	16.57	0.424	12.94	44.0142	105.1424845	105.142369	0.544990	105.205560	
2010	118	400	118.166666667	04/28/2010 4:00	04/28/2010 3:00	54.862	0.77977	0.388	16.58	0.424	12.92	44.0023	105.146106	105.145991	0.548620	105.209190	
2010	118	500	118.208333333	04/28/2010 5:00	04/28/2010 4:00	55.295	0.78592	0.388	16.59	0.424	12.9	43.9881	105.1504259	105.150311	0.552950	105.213520	
2010	118	600	118.250000000	04/28/2010 6:00	04/28/2010 5:00	55.464	0.78832	0.388	16.58	0.424	13.22	43.9826	105.152112	105.151997	0.554640	105.215210	
2010	118	700	118.291666667	04/28/2010 7:00	04/28/2010 6:00	55.518	0.78909	0.388	16.59	0.424	13.86	43.9808	105.1526507	105.152535	0.555180	105.215750	
2010	118	800	118.333333333	04/28/2010 8:00	04/28/2010 7:00	55.206	0.78466	0.388	16.58	0.424	13.82	43.9910	105.149538	105.149423	0.552060	105.212630	
2010	118	900	118.375000000	04/28/2010 9:00	04/28/2010 8:00	55.671	0.79126	0.389	16.6	0.425	13.75	43.9758	105.1541771	105.154062	0.556710	105.217280	
2010	118	1000	118.416666667	04/28/2010 10:00	04/28/2010 9:00	55.909	0.79465	0.39	16.58	0.425	13.69	43.9680	105.1565515	105.156436	0.559090	105.219660	
2010	118	1100	118.458333333	04/28/2010 11:00	04/28/2010 10:00	56.527	0.80343	0.39	16.59	0.425	13.62	43.9478	105.1627171	105.162602	0.565270	105.225840	
2010	118	1200	118.500000000	04/28/2010 12:00	04/28/2010 11:00	54.762	0.77834	0.39	16.59	0.425	13.6	44.0055	105.1451084	105.144993	0.547620	105.208190	
2010	118	1300	118.541666667	04/28/2010 13:00	04/28/2010 12:00	55.479	0.78854	0.39	16.6	0.425	13.58	43.9821	105.1522616	105.152146	0.554790	105.215360	
2010	118	1400	118.583333333	04/28/2010 14:00	04/28/2010 13:00	55.836	0.79361	0.389	16.59	0.425	13.6	43.9704	105.1558233	105.155708	0.558360	105.218930	
2010	118	1500	118.625000000	04/28/2010 15:00	04/28/2010 14:00	56.178	0.79847	0.389	16.59	0.425	13.64	43.9592	105.1592353	105.159120	0.561780	105.222350	
2010	118	1600	118.666666667	04/28/2010 16:00	04/28/2010 15:00	54.932	0.78076	0.39	16.6	0.425	13.63	44.0000	105.1468044	105.146689	0.549320	105.209890	
2010	118	1700	118.708333333	04/28/2010 17:00	04/28/2010 16:00	56.347	0.80087	0.39	16.59	0.425	13.62	43.9537	105.1609213	105.160806	0.563470	105.224040	
2010	118	1800	118.750000000	04/28/2010 18:00	04/28/2010 17:00	55.891	0.79439	0.389	16.58	0.425	13.65	43.9686	105.156372	105.156257	0.558910	105.219480	
2010	118	1900	118.791666667	04/28/2010 19:00	04/28/2010 18:00	56.144	0.79799	0.39	16.59	0.425	13.49	43.9603	105.158896	105.158781	0.561440	105.222010	
2010	118	2000	118.833333333	04/28/2010 20:00	04/28/2010 19:00	56.098	0.79733	0.389	16.59	0.425	13.38	43.9618	105.1584371	105.158322	0.560980	105.221550	
2010	118	2100	118.875000000	04/28/2010 21:00	04/28/2010 20:00	56.167	0.79831	0.389	16.58	0.425	13.31	43.9596	105.1591255	105.159010	0.561670	105.222240	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	118	2200	118.916666667	04/28/2010 22:00	04/28/2010 21:00	56.213	0.79897	0.389	16.57	0.425	13.24	43.9581	105.1595844	105.159469	0.562130	105.222700	
2010	118	2300	118.958333333	04/28/2010 23:00	04/28/2010 22:00	56.27	0.79978	0.39	16.58	0.425	13.19	43.9562	105.1601531	105.160038	0.562700	105.223270	
2010	118	2400	119.000000000	04/29/2010 0:00	04/28/2010 23:00	56.141	0.79794	0.39	16.57	0.426	13.14	43.9604	105.1588661	105.158751	0.561410	105.221980	
2010	119	100	119.041666667	04/29/2010 1:00	04/29/2010 0:00	56.037	0.79647	0.39	16.58	0.426	13.09	43.9638	105.1578286	105.157713	0.560370	105.220940	
2010	119	200	119.083333333	04/29/2010 2:00	04/29/2010 1:00	55.938	0.79506	0.39	16.6	0.426	13.05	43.9671	105.1568409	105.156726	0.559380	105.219950	
2010	119	300	119.125000000	04/29/2010 3:00	04/29/2010 2:00	55.773	0.79271	0.39	16.57	0.426	13.01	43.9725	105.1551947	105.155079	0.557730	105.218300	
2010	119	400	119.166666667	04/29/2010 4:00	04/29/2010 3:00	55.598	0.79023	0.39	16.6	0.426	12.97	43.9782	105.1534488	105.153333	0.555980	105.216550	
2010	119	500	119.208333333	04/29/2010 5:00	04/29/2010 4:00	55.459	0.78825	0.39	16.57	0.426	12.95	43.9827	105.1520621	105.151947	0.554590	105.215160	
2010	119	600	119.250000000	04/29/2010 6:00	04/29/2010 5:00	55.131	0.78359	0.39	16.59	0.426	12.96	43.9935	105.1487897	105.148674	0.551310	105.211880	
2010	119	700	119.291666667	04/29/2010 7:00	04/29/2010 6:00	54.644	0.77667	0.39	16.57	0.426	13.83	44.0094	105.1439311	105.143816	0.546440	105.207010	
2010	119	800	119.333333333	04/29/2010 8:00	04/29/2010 7:00	54.91	0.78045	0.39	16.59	0.426	13.82	44.0007	105.1465849	105.146470	0.549100	105.209670	
2010	119	900	119.375000000	04/29/2010 9:00	04/29/2010 8:00	55.006	0.78181	0.39	16.59	0.426	13.82	43.9976	105.1475427	105.147427	0.550060	105.210630	
2010	119	1000	119.416666667	04/29/2010 10:00	04/29/2010 9:00	54.511	0.77478	0.389	16.59	0.425	13.78	44.0138	105.1426043	105.142489	0.545110	105.205680	
2010	119	1100	119.458333333	04/29/2010 11:00	04/29/2010 10:00	54.524	0.77496	0.39	16.58	0.425	13.73	44.0133	105.142734	105.142619	0.545240	105.205810	
2010	119	1200	119.500000000	04/29/2010 12:00	04/29/2010 11:00	54.492	0.77451	0.389	16.6	0.425	13.7	44.0144	105.1424147	105.142299	0.544920	105.205490	
2010	119	1300	119.541666667	04/29/2010 13:00	04/29/2010 12:00	54.455	0.77398	0.39	16.58	0.425	13.68	44.0156	105.1420456	105.141930	0.544550	105.205120	
2010	119	1400	119.583333333	04/29/2010 14:00	04/29/2010 13:00	54.395	0.77313	0.389	16.59	0.425	13.67	44.0176	105.141447	105.141332	0.543950	105.204520	
2010	119	1500	119.625000000	04/29/2010 15:00	04/29/2010 14:00	54.562	0.77550	0.389	16.59	0.425	13.65	44.0121	105.1431131	105.142998	0.545620	105.206190	
2010	119	1600	119.666666667	04/29/2010 16:00	04/29/2010 15:00	54.946	0.78096	0.389	16.6	0.425	13.64	43.9995	105.1469441	105.146829	0.549460	105.210030	
2010	119	1700	119.708333333	04/29/2010 17:00	04/29/2010 16:00	55.096	0.78309	0.389	16.6	0.425	13.54	43.9946	105.1484406	105.148325	0.550960	105.211530	
2010	119	1800	119.750000000	04/29/2010 18:00	04/29/2010 17:00	55.313	0.78618	0.389	16.59	0.425	13.41	43.9875	105.1506055	105.150490	0.553130	105.213700	
2010	119	1900	119.791666667	04/29/2010 19:00	04/29/2010 18:00	55.591	0.79013	0.389	16.59	0.425	13.32	43.9784	105.153379	105.153264	0.555910	105.216480	
2010	119	2000	119.833333333	04/29/2010 20:00	04/29/2010 19:00	55.803	0.79314	0.389	16.6	0.425	13.24	43.9715	105.155494	105.155379	0.558030	105.218600	
2010	119	2100	119.875000000	04/29/2010 21:00	04/29/2010 20:00	55.949	0.79522	0.389	16.59	0.425	13.19	43.9667	105.1569506	105.156835	0.559490	105.220060	
2010	119	2200	119.916666667	04/29/2010 22:00	04/29/2010 21:00	56.022	0.79625	0.389	16.59	0.425	13.13	43.9643	105.1576789	105.157564	0.560220	105.220790	
2010	119	2300	119.958333333	04/29/2010 23:00	04/29/2010 22:00	56.192	0.79867	0.389	16.58	0.425	13.08	43.9587	105.1593749	105.159260	0.561920	105.222490	
2010	119	2400	120.000000000	04/30/2010 0:00	04/29/2010 23:00	56.329	0.80062	0.389	16.58	0.425	13.04	43.9543	105.1607417	105.160626	0.563290	105.223860	
2010	120	100	120.041666667	04/30/2010 1:00	04/30/2010 0:00	56.498	0.80302	0.389	16.56	0.425	13	43.9487	105.1624278	105.162312	0.564980	105.225550	
2010	120	200	120.083333333	04/30/2010 2:00	04/30/2010 1:00	56.553	0.80380	0.389	16.57	0.425	12.96	43.9469	105.1629765	105.162861	0.565530	105.226100	
2010	120	300	120.125000000	04/30/2010 3:00	04/30/2010 2:00	56.754	0.80666	0.39	16.6	0.425	12.93	43.9403	105.1649818	105.164866	0.567540	105.228110	
2010	120	400	120.166666667	04/30/2010 4:00	04/30/2010 3:00	56.866	0.80825	0.39	16.6	0.425	12.91	43.9367	105.1660992	105.165984	0.568660	105.229230	
2010	120	500	120.208333333	04/30/2010 5:00	04/30/2010 4:00	56.951	0.80946	0.39	16.57	0.425	12.89	43.9339	105.1669472	105.166832	0.569510	105.230080	
2010	120	600	120.250000000	04/30/2010 6:00	04/30/2010 5:00	57.033	0.81062	0.39	16.59	0.425	12.99	43.9312	105.1677652	105.167650	0.570330	105.230900	
2010	120	700	120.291666667	04/30/2010 7:00	04/30/2010 6:00	57.043	0.81077	0.39	16.59	0.425	13.78	43.9309	105.167865	105.167750	0.570430	105.231000	
2010	120	800	120.333333333	04/30/2010 8:00	04/30/2010 7:00	56.957	0.80954	0.39	16.59	0.426	13.8	43.9337	105.167007	105.166892	0.569570	105.230140	
2010	120	900	120.375000000	04/30/2010 9:00	04/30/2010 8:00	57.083	0.81133	0.39	16.57	0.426	13.75	43.9296	105.1682641	105.168149	0.570830	105.231400	
2010	120	1000	120.416666667	04/30/2010 10:00	04/30/2010 9:00	56.62	0.80475	0.39	16.6	0.426	13.66	43.9447	105.1636449	105.163530	0.566200	105.226770	
2010	120	1100	120.458333333	04/30/2010 11:00	04/30/2010 10:00	57.35	0.81513	0.39	16.59	0.426	13.59	43.9208	105.1709278	105.170812	0.573500	105.234070	
2010	120	1200	120.500000000	04/30/2010 12:00	04/30/2010 11:00	56.83	0.80774	0.39	16.59	0.425	13.53	43.9379	105.16574	105.165625	0.568300	105.228870	
2010	120	1300	120.541666667	04/30/2010 13:00	04/30/2010 12:00	56.98	0.80987	0.39	16.59	0.425	13.51	43.9330	105.1672365	105.167121	0.569800	105.230370	
2010	120	1400	120.583333333	04/30/2010 14:00	04/30/2010 13:00	57.434	0.81632	0.389	16.58	0.425	13.53	43.9181	105.1717659	105.171651	0.574340	105.234910	
2010	120	1500	120.625000000	04/30/2010 15:00	04/30/2010 14:00	57.094	0.81149	0.389	16.59	0.425	13.53	43.9292	105.1683738	105.168258	0.570940	105.231510	
2010	120	1600	120.666666667	04/30/2010 16:00	04/30/2010 15:00	57.334	0.81490	0.389	16.58	0.425	13.52	43.9214	105.1707682	105.170653	0.573340	105.233910	
2010	120	1700	120.708333333	04/30/2010 17:00	04/30/2010 16:00	58.051	0.82509	0.39	16.59	0.425	13.51	43.8979	105.1779214	105.177806	0.580510	105.241080	
2010	120	1800	120.750000000	04/30/2010 18:00	04/30/2010 17:00	58.254	0.82798	0.39	16.59	0.426	13.55	43.8913	105.1799467	105.179831	0.582540	105.243110	
2010	120	1900	120.791666667	04/30/2010 19:00	04/30/2010 18:00	58.296	0.82857	0.39	16.58	0.426	13.36	43.8899	105.1803657	105.180250	0.582960	105.243530	
2010	120	2000	120.833333333	04/30/2010 20:00	04/30/2010 19:00	58.539	0.83203	0.39	16.58	0.426	13.28	43.8819	105.18279	105.182675	0.585390	105.245960	
2010	120	2100	120.875000000	04/30/2010 21:00	04/30/2010 20:00	58.725	0.83467	0.39	16.58	0.426	13.21	43.8758	105.1846457	105.184530	0.587250	105.247820	
2010	120	2200	120.916666667	04/30/2010 22:00	04/30/2010 21:00	59.085	0.83979	0.39	16.58	0.426	13.15	43.8641	105.1882372	105.188122	0.590850	105.251420	
2010	120	2300	120.958333333	04/30/2010 23:00	04/30/2010 22:00	59.533	0.84616	0.39	16.58	0.426	13.1	43.8494	105.1927068	105.192591	0.595330	105.255900	
2010	120	2400	121.000000000	05/01/2010 0:00	04/30/2010 23:00	59.814	0.85015	0.39	16.6	0.425	13.06	43.8402	105.1955102	105.195395	0.598140	105.258710	
2010	121	100	121.041666667	05/01/2010 1:00	05/01/2010 0:00	60.079	0.85392	0.389	16.56	0.425	13.01	43.8315	105.198154	105.198039	0.600790	105.261360	
2010	121	200	121.083333333	05/01/2010 2:00	05/01/2010 1:00	60.493	0.85980	0.389	16.59	0.425	12.98	43.8180	105.2022843	105.202169	0.604930	105.265500	
2010	121	300	121.125000000	05/01/2010 3:00	05/01/2010 2:00	60.871	0.86517	0.389	16.57	0.425	12.95	43.8056	105.2060555	105.205940	0.608710	105.269280	
2010	121	400	121.166666667	05/01/2010 4:00	05/01/2010 3:00	61.329	0.87168	0.389	16.57	0.425	12.92	43.7906	105.2106247	105.210509	0.613290	105.273860	
2010	121	500	121.208333333	05/01/2010 5:00	05/01/2010 4:00	61.66	0.87639	0.389	16.58	0.424	12.9	43.7798	105.213927	105.213812	0.616600	105.277170	
2010	121	600	121.250000000	05/01/2010 6:00	05/01/2010 5:00	61.61	0.87568	0.389	16.58	0.424	12.98	43.7814	105.2134282	105.213313	0.616100	105.276670	
2010	121	700	121.291666667	05/01/2010 7:00	05/01/2010 6:00	62.158	0.88347	0.389	16.57	0.425	13.78	43.7635	105.2188953	105.218780	0.621580	105.282150	
2010	121	800	121.333333333	05/01/2010 8:00	05/01/2010 7:00	62.297	0.88544	0.389	16.59	0.424	13.75	43.7589	105.2202821	105.220167	0.622970	105.283540	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	121	900	121.375000000	05/01/2010 9:00	05/01/2010 8:00	61.658	0.87636	0.389	16.59	0.425	13.69	43.7798	105.213907	105.213792	0.616580	105.277150	
2010	121	1000	121.416666667	05/01/2010 10:00	05/01/2010 9:00	63.244	0.89890	0.389	16.6	0.424	13.66	43.7279	105.2297299	105.229615	0.632440	105.293010	
2010	121	1100	121.458333333	05/01/2010 11:00	05/01/2010 10:00	61.607	0.87563	0.389	16.6	0.424	13.63	43.7815	105.2133982	105.213283	0.616070	105.276640	
2010	121	1200	121.500000000	05/01/2010 12:00	05/01/2010 11:00	63.507	0.90264	0.389	16.59	0.425	13.6	43.7193	105.2323538	105.232238	0.635070	105.295640	
2010	121	1300	121.541666667	05/01/2010 13:00	05/01/2010 12:00	63.46	0.90197	0.389	16.58	0.425	13.58	43.7209	105.2318849	105.231770	0.634600	105.295170	
2010	121	1400	121.583333333	05/01/2010 14:00	05/01/2010 13:00	62.78	0.89231	0.389	16.59	0.425	13.54	43.7431	105.2251008	105.224985	0.627800	105.288370	
2010	121	1500	121.625000000	05/01/2010 15:00	05/01/2010 14:00	63.179	0.89798	0.39	16.59	0.425	13.52	43.7300	105.2290815	105.228966	0.631790	105.292360	
2010	121	1600	121.666666667	05/01/2010 16:00	05/01/2010 15:00	63.411	0.90127	0.39	16.6	0.425	13.51	43.7225	105.231396	105.231281	0.634110	105.294680	
2010	121	1700	121.708333333	05/01/2010 17:00	05/01/2010 16:00	63.764	0.90629	0.39	16.6	0.425	13.53	43.7109	105.2349178	105.234802	0.637640	105.298210	
2010	121	1800	121.750000000	05/01/2010 18:00	05/01/2010 17:00	63.764	0.90629	0.39	16.6	0.425	13.56	43.7109	105.2349178	105.234802	0.637640	105.298210	
2010	121	1900	121.791666667	05/01/2010 19:00	05/01/2010 18:00	63.813	0.90699	0.39	16.58	0.425	13.42	43.7093	105.2354066	105.235291	0.638130	105.298700	
2010	121	2000	121.833333333	05/01/2010 20:00	05/01/2010 19:00	63.751	0.90611	0.39	16.6	0.425	13.32	43.7113	105.2347881	105.234673	0.637510	105.298080	
2010	121	2100	121.875000000	05/01/2010 21:00	05/01/2010 20:00	63.778	0.90649	0.39	16.59	0.425	13.24	43.7104	105.2350574	105.234942	0.637780	105.298350	
2010	121	2200	121.916666667	05/01/2010 22:00	05/01/2010 21:00	63.837	0.90733	0.389	16.58	0.425	13.17	43.7085	105.2356461	105.235531	0.638370	105.298940	
2010	121	2300	121.958333333	05/01/2010 23:00	05/01/2010 22:00	63.865	0.90773	0.389	16.57	0.425	13.12	43.7076	105.2359254	105.235810	0.638650	105.299220	
2010	121	2400	122.000000000	05/02/2010 0:00	05/01/2010 23:00	63.698	0.90535	0.389	16.58	0.425	13.07	43.7131	105.2342593	105.234144	0.636980	105.297550	
2010	122	100	122.041666667	05/02/2010 1:00	05/02/2010 0:00	63.975	0.90929	0.39	16.57	0.426	13.04	43.7040	105.2370228	105.236907	0.639750	105.300320	
2010	122	200	122.083333333	05/02/2010 2:00	05/02/2010 1:00	64.087	0.91088	0.39	16.57	0.426	12.99	43.7003	105.2381402	105.238025	0.640870	105.301440	
2010	122	300	122.125000000	05/02/2010 3:00	05/02/2010 2:00	64.019	0.90992	0.39	16.58	0.426	12.96	43.7026	105.2374618	105.237346	0.640190	105.300760	
2010	122	400	122.166666667	05/02/2010 4:00	05/02/2010 3:00	64.055	0.91043	0.39	16.59	0.426	12.93	43.7014	105.237821	105.237706	0.640550	105.301120	
2010	122	500	122.208333333	05/02/2010 5:00	05/02/2010 4:00	63.922	0.90854	0.39	16.59	0.426	12.9	43.7057	105.2364941	105.236379	0.639220	105.299790	
2010	122	600	122.250000000	05/02/2010 6:00	05/02/2010 5:00	63.584	0.90373	0.39	16.6	0.426	12.98	43.7168	105.233122	105.233007	0.635840	105.296410	
2010	122	700	122.291666667	05/02/2010 7:00	05/02/2010 6:00	63.408	0.90123	0.39	16.59	0.426	13.8	43.7226	105.2313661	105.231251	0.634080	105.294650	
2010	122	800	122.333333333	05/02/2010 8:00	05/02/2010 7:00	63.794	0.90672	0.39	16.61	0.426	13.75	43.7099	105.2352171	105.235102	0.637940	105.298510	
2010	122	900	122.375000000	05/02/2010 9:00	05/02/2010 8:00	63.074	0.89649	0.39	16.59	0.426	13.7	43.7335	105.2280339	105.227919	0.630740	105.291310	
2010	122	1000	122.416666667	05/02/2010 10:00	05/02/2010 9:00	63.27	0.89927	0.39	16.58	0.426	13.65	43.7271	105.2299893	105.229874	0.632700	105.293270	
2010	122	1100	122.458333333	05/02/2010 11:00	05/02/2010 10:00	63.264	0.89919	0.39	16.6	0.426	13.6	43.7273	105.2299295	105.229814	0.632640	105.293210	
2010	122	1200	122.500000000	05/02/2010 12:00	05/02/2010 11:00	63.418	0.90137	0.39	16.59	0.426	13.59	43.7222	105.2314659	105.231351	0.634180	105.294750	
2010	122	1300	122.541666667	05/02/2010 13:00	05/02/2010 12:00	63.262	0.89916	0.39	16.58	0.426	13.58	43.7273	105.2299095	105.229794	0.632620	105.293190	
2010	122	1400	122.583333333	05/02/2010 14:00	05/02/2010 13:00	63.262	0.89916	0.39	16.59	0.426	13.55	43.7273	105.2299095	105.229794	0.632620	105.293190	
2010	122	1500	122.625000000	05/02/2010 15:00	05/02/2010 14:00	63.061	0.89630	0.39	16.58	0.426	13.54	43.7339	105.2279042	105.227789	0.630610	105.291180	
2010	122	1600	122.666666667	05/02/2010 16:00	05/02/2010 15:00	63.387	0.90093	0.39	16.59	0.426	13.55	43.7232	105.2311566	105.231041	0.633870	105.294440	
2010	122	1700	122.708333333	05/02/2010 17:00	05/02/2010 16:00	63.355	0.90048	0.39	16.58	0.426	13.57	43.7243	105.2308373	105.230722	0.633550	105.294120	
2010	122	1800	122.750000000	05/02/2010 18:00	05/02/2010 17:00	63.553	0.90329	0.39	16.58	0.426	13.59	43.7178	105.2328127	105.232697	0.635530	105.296100	
2010	122	1900	122.791666667	05/02/2010 19:00	05/02/2010 18:00	63.607	0.90406	0.39	16.59	0.426	13.41	43.7160	105.2333514	105.233236	0.636070	105.296640	
2010	122	2000	122.833333333	05/02/2010 20:00	05/02/2010 19:00	63.554	0.90331	0.39	16.59	0.426	13.31	43.7178	105.2328227	105.232707	0.635540	105.296110	
2010	122	2100	122.875000000	05/02/2010 21:00	05/02/2010 20:00	63.697	0.90534	0.39	16.59	0.426	13.23	43.7131	105.2342493	105.234134	0.636970	105.297540	
2010	122	2200	122.916666667	05/02/2010 22:00	05/02/2010 21:00	63.857	0.90761	0.39	16.58	0.426	13.17	43.7079	105.2358456	105.235730	0.638570	105.299140	
2010	122	2300	122.958333333	05/02/2010 23:00	05/02/2010 22:00	63.941	0.90881	0.39	16.59	0.425	13.11	43.7051	105.2366836	105.236568	0.639410	105.299980	
2010	122	2400	123.000000000	05/03/2010 0:00	05/02/2010 23:00	64.4	0.91533	0.39	16.58	0.426	13.07	43.6901	105.2412629	105.241148	0.644000	105.304570	
2010	123	100	123.041666667	05/03/2010 1:00	05/03/2010 0:00	64.223	0.91282	0.39	16.58	0.426	13.02	43.6959	105.239497	105.239382	0.642230	105.302800	
2010	123	200	123.083333333	05/03/2010 2:00	05/03/2010 1:00	64.495	0.91668	0.39	16.61	0.425	12.99	43.6870	105.2422107	105.242095	0.644950	105.305520	
2010	123	300	123.125000000	05/03/2010 3:00	05/03/2010 2:00	64.8	0.92102	0.39	16.58	0.426	12.96	43.6770	105.2452535	105.245138	0.648000	105.308570	
2010	123	400	123.166666667	05/03/2010 4:00	05/03/2010 3:00	65.233	0.92717	0.39	16.58	0.426	12.92	43.6628	105.2495734	105.249458	0.652330	105.312900	
2010	123	500	123.208333333	05/03/2010 5:00	05/03/2010 4:00	65.338	0.92866	0.39	16.58	0.426	12.91	43.6594	105.2506209	105.250506	0.653380	105.313950	
2010	123	600	123.250000000	05/03/2010 6:00	05/03/2010 5:00	65.327	0.92851	0.39	16.59	0.426	13.23	43.6597	105.2505112	105.250396	0.653270	105.313840	
2010	123	700	123.291666667	05/03/2010 7:00	05/03/2010 6:00	65.514	0.93117	0.39	16.59	0.426	13.66	43.6536	105.2523768	105.252261	0.655140	105.315710	
2010	123	800	123.333333333	05/03/2010 8:00	05/03/2010 7:00	65.655	0.93317	0.39	16.6	0.426	13.64	43.6490	105.2537835	105.253668	0.656550	105.317120	
2010	123	900	123.375000000	05/03/2010 9:00	05/03/2010 8:00	66.199	0.94090	0.39	16.6	0.426	13.62	43.6312	105.2592108	105.259095	0.661990	105.322560	
2010	123	1000	123.416666667	05/03/2010 10:00	05/03/2010 9:00	64.261	0.91336	0.39	16.58	0.426	13.67	43.6946	105.2398761	105.239761	0.642610	105.303180	
2010	123	1100	123.458333333	05/03/2010 11:00	05/03/2010 10:00	65.402	0.92957	0.39	16.6	0.426	13.62	43.6573	105.2512594	105.251144	0.654020	105.314590	
2010	123	1200	123.500000000	05/03/2010 12:00	05/03/2010 11:00	65.569	0.93195	0.39	16.58	0.426	13.6	43.6518	105.2529255	105.252810	0.655690	105.316260	
2010	123	1300	123.541666667	05/03/2010 13:00	05/03/2010 12:00	64.39	0.91519	0.39	16.58	0.426	13.6	43.6904	105.2411631	105.241048	0.643900	105.304470	
2010	123	1400	123.583333333	05/03/2010 14:00	05/03/2010 13:00	64.491	0.91663	0.39	16.58	0.426	13.58	43.6871	105.2421708	105.242055	0.644910	105.305480	
2010	123	1500	123.625000000	05/03/2010 15:00	05/03/2010 14:00	63.668	0.90493	0.39	16.59	0.426	13.59	43.7140	105.23396	105.233845	0.636680	105.297250	
2010	123	1600	123.666666667	05/03/2010 16:00	05/03/2010 15:00	63.893	0.90813	0.389	16.58	0.425	13.6	43.7067	105.2362048	105.236089	0.638930	105.299500	
2010	123	1700	123.708333333	05/03/2010 17:00	05/03/2010 16:00	63.365	0.90062	0.389	16.59	0.425	13.62	43.7240	105.2309371	105.230822	0.633650	105.294220	
2010	123	1800	123.750000000	05/03/2010 18:00	05/03/2010 17:00	62.872	0.89361	0.39	16.58	0.425	13.68	43.7401	105.2260186	105.225903	0.628720	105.289290	
2010	123	1900	123.791666667	05/03/2010 19:00	05/03/2010 18:00	62.571	0.88934	0.39	16.59	0.425	13.55	43.7499	105.2230157	105.222900	0.625710	105.286280	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	123	2000	123.833333333	05/03/2010 20:00	05/03/2010 19:00	62.125	0.88300	0.39	16.58	0.425	13.44	43.7645	105.2185661	105.218451	0.621250	105.281820	
2010	123	2100	123.875000000	05/03/2010 21:00	05/03/2010 20:00	61.567	0.87507	0.389	16.58	0.425	13.35	43.7828	105.2129992	105.212884	0.615670	105.276240	
2010	123	2200	123.916666667	05/03/2010 22:00	05/03/2010 21:00	61.083	0.86819	0.39	16.59	0.425	13.29	43.7987	105.2081705	105.208055	0.610830	105.271400	
2010	123	2300	123.958333333	05/03/2010 23:00	05/03/2010 22:00	60.708	0.86286	0.39	16.59	0.426	13.23	43.8109	105.2044293	105.204314	0.607080	105.267650	
2010	123	2400	124.000000000	05/04/2010 0:00	05/03/2010 23:00	60.238	0.85618	0.39	16.6	0.426	13.18	43.8263	105.1997403	105.199625	0.602380	105.262950	
2010	124	100	124.041666667	05/04/2010 1:00	05/04/2010 0:00	60.077	0.85389	0.39	16.59	0.426	13.13	43.8316	105.198134	105.198019	0.600770	105.261340	
2010	124	200	124.083333333	05/04/2010 2:00	05/04/2010 1:00	59.919	0.85164	0.39	16.59	0.426	13.08	43.8368	105.1965577	105.196442	0.599190	105.259760	
2010	124	300	124.125000000	05/04/2010 3:00	05/04/2010 2:00	59.837	0.85048	0.39	16.59	0.426	13.04	43.8394	105.1957396	105.195624	0.598370	105.258940	
2010	124	400	124.166666667	05/04/2010 4:00	05/04/2010 3:00	59.709	0.84866	0.39	16.59	0.426	13	43.8436	105.1944626	105.194347	0.597090	105.257660	
2010	124	500	124.208333333	05/04/2010 5:00	05/04/2010 4:00	59.885	0.85116	0.39	16.6	0.426	12.97	43.8379	105.1962185	105.196103	0.598850	105.259420	
2010	124	600	124.250000000	05/04/2010 6:00	05/04/2010 5:00	60.037	0.85332	0.39	16.6	0.426	13.05	43.8329	105.197735	105.197620	0.600370	105.260940	
2010	124	700	124.291666667	05/04/2010 7:00	05/04/2010 6:00	60.016	0.85302	0.39	16.6	0.426	13.91	43.8336	105.1975255	105.197410	0.600160	105.260730	
2010	124	800	124.333333333	05/04/2010 8:00	05/04/2010 7:00	60.144	0.85484	0.39	16.59	0.426	13.86	43.8294	105.1988025	105.198687	0.601440	105.262010	
2010	124	900	124.375000000	05/04/2010 9:00	05/04/2010 8:00	60.19	0.85549	0.39	16.59	0.426	13.8	43.8279	105.1992614	105.199146	0.601900	105.262470	
2010	124	1000	124.416666667	05/04/2010 10:00	05/04/2010 9:00	60.736	0.86325	0.39	16.57	0.426	13.76	43.8100	105.2047086	105.204593	0.607360	105.267930	
2010	124	1100	124.458333333	05/04/2010 11:00	05/04/2010 10:00	60.915	0.86580	0.39	16.6	0.426	13.7	43.8042	105.2064944	105.206379	0.609150	105.269720	
2010	124	1200	124.500000000	05/04/2010 12:00	05/04/2010 11:00	60.295	0.85699	0.39	16.59	0.426	13.66	43.8244	105.2003089	105.200194	0.602950	105.263520	
2010	124	1300	124.541666667	05/04/2010 13:00	05/04/2010 12:00	62.044	0.88185	0.39	16.6	0.426	13.67	43.7672	105.217758	105.217643	0.620440	105.281010	
2010	124	1400	124.583333333	05/04/2010 14:00	05/04/2010 13:00	62.382	0.88665	0.39	16.59	0.426	13.7	43.7561	105.2211301	105.221015	0.623820	105.284390	
2010	124	1500	124.625000000	05/04/2010 15:00	05/04/2010 14:00	62.205	0.88413	0.39	16.59	0.426	13.69	43.7619	105.2193642	105.219249	0.622050	105.282620	
2010	124	1600	124.666666667	05/04/2010 16:00	05/04/2010 15:00	61.864	0.87929	0.39	16.59	0.426	13.67	43.7731	105.2159622	105.215847	0.618640	105.279210	
2010	124	1700	124.708333333	05/04/2010 17:00	05/04/2010 16:00	62.899	0.89400	0.39	16.6	0.426	13.69	43.7392	105.226288	105.226173	0.628990	105.289560	
2010	124	1800	124.750000000	05/04/2010 18:00	05/04/2010 17:00	63.285	0.89948	0.39	16.59	0.426	13.7	43.7266	105.230139	105.230024	0.632850	105.293420	
2010	124	1900	124.791666667	05/04/2010 19:00	05/04/2010 18:00	63.745	0.90602	0.39	16.59	0.426	13.5	43.7115	105.2347282	105.234613	0.637450	105.298020	
2010	124	2000	124.833333333	05/04/2010 20:00	05/04/2010 19:00	63.986	0.90945	0.39	16.57	0.426	13.4	43.7036	105.2371326	105.237017	0.639860	105.300430	
2010	124	2100	124.875000000	05/04/2010 21:00	05/04/2010 20:00	64.18	0.91220	0.39	16.6	0.426	13.33	43.6973	105.239068	105.238953	0.641800	105.302370	
2010	124	2200	124.916666667	05/04/2010 22:00	05/04/2010 21:00	64.404	0.91539	0.39	16.6	0.426	13.28	43.6900	105.2413028	105.241187	0.644040	105.304610	
2010	124	2300	124.958333333	05/04/2010 23:00	05/04/2010 22:00	64.477	0.91643	0.39	16.58	0.426	13.22	43.6876	105.2420311	105.241916	0.644770	105.305340	
2010	124	2400	125.000000000	05/05/2010 0:00	05/04/2010 23:00	64.64	0.91874	0.39	16.6	0.426	13.17	43.6822	105.2436573	105.243542	0.646400	105.306970	
2010	125	100	125.041666667	05/05/2010 1:00	05/05/2010 0:00	64.483	0.91651	0.39	16.59	0.426	13.11	43.6874	105.2420909	105.241976	0.644830	105.305400	
2010	125	200	125.083333333	05/05/2010 2:00	05/05/2010 1:00	64.571	0.91776	0.39	16.59	0.426	13.08	43.6845	105.2429689	105.242854	0.645710	105.306280	
2010	125	300	125.125000000	05/05/2010 3:00	05/05/2010 2:00	64.56	0.91761	0.39	16.6	0.426	13.04	43.6848	105.2428591	105.242744	0.645600	105.306170	
2010	125	400	125.166666667	05/05/2010 4:00	05/05/2010 3:00	64.759	0.92043	0.39	16.58	0.426	12.98	43.6783	105.2448445	105.244729	0.647590	105.308160	
2010	125	500	125.208333333	05/05/2010 5:00	05/05/2010 4:00	64.784	0.92079	0.39	16.58	0.426	12.95	43.6775	105.2450939	105.244979	0.647840	105.308410	
2010	125	600	125.250000000	05/05/2010 6:00	05/05/2010 5:00	64.572	0.91778	0.39	16.6	0.426	13.41	43.6845	105.2429789	105.242864	0.645720	105.306290	
2010	125	700	125.291666667	05/05/2010 7:00	05/05/2010 6:00	64.756	0.92039	0.39	16.6	0.426	13.96	43.6784	105.2448146	105.244699	0.647560	105.308130	
2010	125	800	125.333333333	05/05/2010 8:00	05/05/2010 7:00	64.547	0.91742	0.39	16.6	0.426	13.91	43.6853	105.2427295	105.242614	0.645470	105.306040	
2010	125	900	125.375000000	05/05/2010 9:00	05/05/2010 8:00	64.691	0.91947	0.39	16.57	0.426	13.83	43.6806	105.2441661	105.244051	0.646910	105.307480	
2010	125	1000	125.416666667	05/05/2010 10:00	05/05/2010 9:00	64.962	0.92332	0.39	16.6	0.426	13.76	43.6717	105.2468697	105.246754	0.649620	105.310190	
2010	125	1100	125.458333333	05/05/2010 11:00	05/05/2010 10:00	64.539	0.91731	0.391	16.6	0.427	13.69	43.6855	105.2426496	105.242534	0.645390	105.305960	
2010	125	1200	125.500000000	05/05/2010 12:00	05/05/2010 11:00	64.21	0.91263	0.391	16.6	0.426	13.68	43.6963	105.2393673	105.239252	0.642100	105.302670	
2010	125	1300	125.541666667	05/05/2010 13:00	05/05/2010 12:00	64.959	0.92328	0.391	16.59	0.427	13.66	43.6718	105.2468398	105.246724	0.649590	105.310160	
2010	125	1400	125.583333333	05/05/2010 14:00	05/05/2010 13:00	65.843	0.93584	0.391	16.59	0.427	13.55	43.6429	105.2556591	105.255544	0.658430	105.319000	
2010	125	1500	125.625000000	05/05/2010 15:00	05/05/2010 14:00	64.926	0.92281	0.391	16.6	0.427	13.77	43.6729	105.2465106	105.246395	0.649260	105.309830	
2010	125	1600	125.666666667	05/05/2010 16:00	05/05/2010 15:00	65.376	0.92920	0.391	16.59	0.427	13.74	43.6581	105.2510001	105.250885	0.653760	105.314330	
2010	125	1700	125.708333333	05/05/2010 17:00	05/05/2010 16:00	65.648	0.93307	0.391	16.6	0.426	13.76	43.6492	105.2537137	105.253598	0.656480	105.317050	
2010	125	1800	125.750000000	05/05/2010 18:00	05/05/2010 17:00	65.937	0.93718	0.391	16.59	0.427	13.76	43.6398	105.2565969	105.256482	0.659370	105.319940	
2010	125	1900	125.791666667	05/05/2010 19:00	05/05/2010 18:00	66.008	0.93819	0.391	16.61	0.427	13.62	43.6374	105.2573053	105.257190	0.660080	105.320650	
2010	125	2000	125.833333333	05/05/2010 20:00	05/05/2010 19:00	66.337	0.94286	0.391	16.6	0.427	13.49	43.6267	105.2605876	105.260472	0.663370	105.323940	
2010	125	2100	125.875000000	05/05/2010 21:00	05/05/2010 20:00	66.644	0.94723	0.391	16.57	0.427	13.41	43.6166	105.2636504	105.263535	0.666440	105.327010	
2010	125	2200	125.916666667	05/05/2010 22:00	05/05/2010 21:00	66.774	0.94907	0.391	16.59	0.427	13.35	43.6124	105.2649473	105.264832	0.667740	105.328310	
2010	125	2300	125.958333333	05/05/2010 23:00	05/05/2010 22:00	66.87	0.95044	0.391	16.59	0.427	13.29	43.6092	105.2659051	105.265790	0.668700	105.329270	
2010	125	2400	126.000000000	05/06/2010 0:00	05/05/2010 23:00	67.024	0.95263	0.391	16.6	0.427	13.23	43.6042	105.2674415	105.267326	0.670240	105.330810	
2010	126	100	126.041666667	05/06/2010 1:00	05/06/2010 0:00	67.155	0.95449	0.391	16.59	0.427	13.18	43.5999	105.2687484	105.268633	0.671550	105.332120	
2010	126	200	126.083333333	05/06/2010 2:00	05/06/2010 1:00	67.413	0.95816	0.391	16.57	0.427	13.13	43.5915	105.2713224	105.271207	0.674130	105.334700	
2010	126	300	126.125000000	05/06/2010 3:00	05/06/2010 2:00	67.72	0.96252	0.391	16.59	0.427	13.08	43.5814	105.2743852	105.274270	0.677200	105.337770	
2010	126	400	126.166666667	05/06/2010 4:00	05/06/2010 3:00	67.932	0.96553	0.391	16.59	0.427	13.04	43.5745	105.2765003	105.276385	0.679320	105.339890	
2010	126	500	126.208333333	05/06/2010 5:00	05/06/2010 4:00	68.006	0.96658	0.39	16.6	0.426	13	43.5721	105.2772385	105.277123	0.680060	105.340630	
2010	126	600	126.250000000	05/06/2010 6:00	05/06/2010 5:00	68.191	0.96921	0.39	16.58	0.426	13.06	43.5660	105.2790842	105.278969	0.681910	105.342480	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	126	700	126.291666667	05/06/2010 7:00	05/06/2010 6:00	68.17	0.96892	0.391	16.6	0.426	13.91	43.5667	105.2788747	105.278759	0.681700	105.342270	
2010	126	800	126.333333333	05/06/2010 8:00	05/06/2010 7:00	67.916	0.96531	0.391	16.58	0.426	13.85	43.5750	105.2763406	105.276225	0.679160	105.339730	
2010	126	900	126.375000000	05/06/2010 9:00	05/06/2010 8:00	67.821	0.96396	0.39	16.59	0.426	13.76	43.5781	105.2753929	105.275278	0.678210	105.338780	
2010	126	1000	126.416666667	05/06/2010 10:00	05/06/2010 9:00	68.39	0.97204	0.39	16.59	0.426	13.72	43.5595	105.2810695	105.280954	0.683900	105.344470	
2010	126	1100	126.458333333	05/06/2010 11:00	05/06/2010 10:00	68.516	0.97383	0.39	16.6	0.426	13.66	43.5554	105.2823266	105.282211	0.685160	105.345730	
2010	126	1200	126.500000000	05/06/2010 12:00	05/06/2010 11:00	68.175	0.96899	0.391	16.59	0.427	13.62	43.5665	105.2789246	105.278809	0.681750	105.342320	
2010	126	1300	126.541666667	05/06/2010 13:00	05/06/2010 12:00	67.61	0.96096	0.391	16.59	0.427	13.62	43.5850	105.2732878	105.273172	0.676100	105.336670	
2010	126	1400	126.583333333	05/06/2010 14:00	05/06/2010 13:00	67.709	0.96236	0.391	16.6	0.427	13.6	43.5818	105.2742755	105.274160	0.677090	105.337660	
2010	126	1500	126.625000000	05/06/2010 15:00	05/06/2010 14:00	67.328	0.95695	0.391	16.57	0.427	13.57	43.5942	105.2704744	105.270359	0.673280	105.333850	
2010	126	1600	126.666666667	05/06/2010 16:00	05/06/2010 15:00	68.59	0.97489	0.391	16.6	0.427	13.58	43.5529	105.2830649	105.282950	0.685900	105.346470	
2010	126	1700	126.708333333	05/06/2010 17:00	05/06/2010 16:00	68.808	0.97798	0.391	16.6	0.427	13.63	43.5458	105.2852398	105.285124	0.688080	105.348650	
2010	126	1800	126.750000000	05/06/2010 18:00	05/06/2010 17:00	69.087	0.98195	0.391	16.6	0.427	13.66	43.5367	105.2880232	105.287908	0.690870	105.351440	
2010	126	1900	126.791666667	05/06/2010 19:00	05/06/2010 18:00	69.418	0.98665	0.391	16.59	0.427	13.49	43.5258	105.2913255	105.291210	0.694180	105.354750	
2010	126	2000	126.833333333	05/06/2010 20:00	05/06/2010 19:00	69.604	0.98930	0.391	16.59	0.427	13.39	43.5197	105.2931811	105.293066	0.696040	105.356610	
2010	126	2100	126.875000000	05/06/2010 21:00	05/06/2010 20:00	70.04	0.99549	0.391	16.59	0.427	13.31	43.5055	105.2975309	105.297416	0.700400	105.360970	
2010	126	2200	126.916666667	05/06/2010 22:00	05/06/2010 21:00	70.529	1.00244	0.391	16.6	0.427	13.25	43.4895	105.3024095	105.302294	0.705290	105.365860	
2010	126	2300	126.958333333	05/06/2010 23:00	05/06/2010 22:00	70.988	1.00897	0.39	16.59	0.426	13.2	43.4744	105.3069888	105.306873	0.709880	105.370450	
2010	126	2400	127.000000000	05/07/2010 0:00	05/06/2010 23:00	71.31	1.01355	0.39	16.6	0.426	13.15	43.4639	105.3102012	105.310086	0.713100	105.373670	
2010	127	100	127.041666667	05/07/2010 1:00	05/07/2010 0:00	71.706	1.01917	0.39	16.61	0.425	13.1	43.4509	105.314152	105.314037	0.717060	105.377630	
2010	127	200	127.083333333	05/07/2010 2:00	05/07/2010 1:00	72.066	1.02429	0.389	16.59	0.425	13.05	43.4392	105.3177435	105.317628	0.720660	105.381230	
2010	127	300	127.125000000	05/07/2010 3:00	05/07/2010 2:00	72.44	1.02961	0.389	16.58	0.425	13.01	43.4269	105.3214748	105.321359	0.724400	105.384970	
2010	127	400	127.166666667	05/07/2010 4:00	05/07/2010 3:00	72.76	1.03415	0.389	16.59	0.425	12.97	43.4164	105.3246673	105.324552	0.727600	105.388170	
2010	127	500	127.208333333	05/07/2010 5:00	05/07/2010 4:00	72.681	1.03303	0.389	16.59	0.425	12.93	43.4190	105.3238791	105.323764	0.726810	105.387380	
2010	127	600	127.250000000	05/07/2010 6:00	05/07/2010 5:00	72.796	1.03467	0.389	16.6	0.425	13.12	43.4153	105.3250265	105.324911	0.727960	105.388530	
2010	127	700	127.291666667	05/07/2010 7:00	05/07/2010 6:00	72.426	1.02941	0.389	16.6	0.425	13.91	43.4274	105.3213351	105.321220	0.724260	105.384830	
2010	127	800	127.333333333	05/07/2010 8:00	05/07/2010 7:00	72.62	1.03216	0.389	16.61	0.425	13.85	43.4210	105.3232706	105.323155	0.726200	105.386770	
2010	127	900	127.375000000	05/07/2010 9:00	05/07/2010 8:00	72.646	1.03253	0.39	16.61	0.426	13.78	43.4202	105.32353	105.323415	0.726460	105.387030	
2010	127	1000	127.416666667	05/07/2010 10:00	05/07/2010 9:00	72.907	1.03624	0.39	16.58	0.426	13.72	43.4116	105.3261339	105.326019	0.729070	105.389640	
2010	127	1100	127.458333333	05/07/2010 11:00	05/07/2010 10:00	72.828	1.03512	0.39	16.6	0.426	13.64	43.4142	105.3253457	105.325230	0.728280	105.388850	
2010	127	1200	127.500000000	05/07/2010 12:00	05/07/2010 11:00	72.7	1.03330	0.39	16.61	0.425	13.6	43.4184	105.3240687	105.323953	0.727000	105.387570	
2010	127	1300	127.541666667	05/07/2010 13:00	05/07/2010 12:00	72.905	1.03622	0.39	16.6	0.426	13.55	43.4117	105.3261139	105.325999	0.729050	105.389620	
2010	127	1400	127.583333333	05/07/2010 14:00	05/07/2010 13:00	73.219	1.04068	0.39	16.59	0.426	13.52	43.4014	105.3292466	105.329131	0.732190	105.392760	
2010	127	1500	127.625000000	05/07/2010 15:00	05/07/2010 14:00	73.942	1.05095	0.39	16.6	0.426	13.49	43.3778	105.3364596	105.336344	0.739420	105.399990	
2010	127	1600	127.666666667	05/07/2010 16:00	05/07/2010 15:00	74.115	1.05341	0.389	16.6	0.425	13.48	43.3721	105.3381856	105.338070	0.741150	105.401720	
2010	127	1700	127.708333333	05/07/2010 17:00	05/07/2010 16:00	74.231	1.05506	0.389	16.61	0.425	13.53	43.3683	105.3393429	105.339228	0.742310	105.402880	
2010	127	1800	127.750000000	05/07/2010 18:00	05/07/2010 17:00	74.555	1.05967	0.389	16.61	0.425	13.44	43.3577	105.3425753	105.342460	0.745550	105.406120	
2010	127	1900	127.791666667	05/07/2010 19:00	05/07/2010 18:00	74.817	1.06339	0.389	16.6	0.425	13.32	43.3491	105.3451892	105.345074	0.748170	105.408740	
2010	127	2000	127.833333333	05/07/2010 20:00	05/07/2010 19:00	75.101	1.06743	0.389	16.61	0.425	13.24	43.3398	105.3480225	105.347907	0.751010	105.411580	
2010	127	2100	127.875000000	05/07/2010 21:00	05/07/2010 20:00	75.339	1.07081	0.389	16.6	0.425	13.18	43.3320	105.350397	105.350282	0.753390	105.413960	
2010	127	2200	127.916666667	05/07/2010 22:00	05/07/2010 21:00	75.455	1.07246	0.389	16.6	0.425	13.12	43.3282	105.3515542	105.351439	0.754550	105.415120	
2010	127	2300	127.958333333	05/07/2010 23:00	05/07/2010 22:00	75.553	1.07385	0.389	16.6	0.425	13.07	43.3250	105.352532	105.352417	0.755530	105.416100	
2010	127	2400	128.000000000	05/08/2010 0:00	05/07/2010 23:00	75.566	1.07404	0.39	16.58	0.426	13.02	43.3246	105.3526616	105.352546	0.755660	105.416230	
2010	128	100	128.041666667	05/08/2010 1:00	05/08/2010 0:00	75.625	1.07488	0.39	16.6	0.426	12.99	43.3227	105.3532503	105.353135	0.756250	105.416820	
2010	128	200	128.083333333	05/08/2010 2:00	05/08/2010 1:00	75.576	1.07418	0.39	16.59	0.426	12.95	43.3243	105.3527614	105.352646	0.755760	105.416330	
2010	128	300	128.125000000	05/08/2010 3:00	05/08/2010 2:00	75.428	1.07208	0.39	16.59	0.426	12.92	43.3291	105.3512849	105.351170	0.754280	105.414850	
2010	128	400	128.166666667	05/08/2010 4:00	05/08/2010 3:00	75.37	1.07125	0.39	16.6	0.426	12.89	43.3310	105.3507062	105.350591	0.753700	105.414270	
2010	128	500	128.208333333	05/08/2010 5:00	05/08/2010 4:00	75.191	1.06871	0.39	16.59	0.426	12.87	43.3369	105.3489204	105.348805	0.751910	105.412480	
2010	128	600	128.250000000	05/08/2010 6:00	05/08/2010 5:00	74.782	1.06289	0.39	16.59	0.426	13.8	43.3503	105.34484	105.344725	0.747820	105.408390	
2010	128	700	128.291666667	05/08/2010 7:00	05/08/2010 6:00	74.086	1.05300	0.39	16.59	0.426	13.79	43.3730	105.3378963	105.337781	0.740860	105.401430	
2010	128	800	128.333333333	05/08/2010 8:00	05/08/2010 7:00	74.572	1.05991	0.39	16.58	0.426	13.74	43.3571	105.3427449	105.342630	0.745720	105.406290	
2010	128	900	128.375000000	05/08/2010 9:00	05/08/2010 8:00	73.659	1.04693	0.39	16.59	0.426	13.68	43.3870	105.3336363	105.333521	0.736590	105.397160	
2010	128	1000	128.416666667	05/08/2010 10:00	05/08/2010 9:00	73.651	1.04682	0.39	16.59	0.426	13.67	43.3873	105.3335565	105.333441	0.736510	105.397080	
2010	128	1100	128.458333333	05/08/2010 11:00	05/08/2010 10:00	73.885	1.05014	0.39	16.59	0.426	13.58	43.3796	105.335891	105.335776	0.738850	105.399420	
2010	128	1200	128.500000000	05/08/2010 12:00	05/08/2010 11:00	72.554	1.03123	0.39	16.59	0.426	13.56	43.4232	105.3226121	105.322497	0.725540	105.386110	
2010	128	1300	128.541666667	05/08/2010 13:00	05/08/2010 12:00	73.419	1.04352	0.39	16.58	0.426	13.55	43.3949	105.3312419	105.331127	0.734190	105.394760	
2010	128	1400	128.583333333	05/08/2010 14:00	05/08/2010 13:00	73.142	1.03958	0.39	16.59	0.426	13.54	43.4039	105.3284784	105.328363	0.731420	105.391990	
2010	128	1500	128.625000000	05/08/2010 15:00	05/08/2010 14:00	72.807	1.03482	0.39	16.59	0.426	13.55	43.4149	105.3251362	105.325021	0.728070	105.388640	
2010	128	1600	128.666666667	05/08/2010 16:00	05/08/2010 15:00	72.453	1.02979	0.39	16.58	0.426	13.66	43.4265	105.3216045	105.321489	0.724530	105.385100	
2010	128	1700	128.708333333	05/08/2010 17:00	05/08/2010 16:00	72.219	1.02647	0.39	16.6	0.426	13.61	43.4342	105.31927	105.319155	0.722190	105.382760	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	128	1800	128.750000000	05/08/2010 18:00	05/08/2010 17:00	71.478	1.01593	0.39	16.59	0.426	13.61	43.4584	105.3118773	105.311762	0.714780	105.375350	
2010	128	1900	128.791666667	05/08/2010 19:00	05/08/2010 18:00	71.541	1.01683	0.39	16.59	0.426	13.48	43.4563	105.3125058	105.312390	0.715410	105.375980	
2010	128	2000	128.833333333	05/08/2010 20:00	05/08/2010 19:00	71.327	1.01379	0.39	16.59	0.426	13.38	43.4634	105.3103708	105.310255	0.713270	105.373840	
2010	128	2100	128.875000000	05/08/2010 21:00	05/08/2010 20:00	71.265	1.01291	0.39	16.58	0.426	13.29	43.4654	105.3097523	105.309637	0.712650	105.373220	
2010	128	2200	128.916666667	05/08/2010 22:00	05/08/2010 21:00	71.313	1.01359	0.39	16.58	0.426	13.23	43.4638	105.3102312	105.310116	0.713130	105.373700	
2010	128	2300	128.958333333	05/08/2010 23:00	05/08/2010 22:00	71.373	1.01444	0.391	16.6	0.426	13.17	43.4618	105.3108297	105.310714	0.713730	105.374300	
2010	128	2400	129.000000000	05/09/2010 0:00	05/08/2010 23:00	71.492	1.01613	0.39	16.6	0.426	13.12	43.4579	105.312017	105.311902	0.714920	105.375490	
2010	129	100	129.041666667	05/09/2010 1:00	05/09/2010 0:00	71.81	1.02065	0.391	16.6	0.426	13.07	43.4475	105.3151895	105.315074	0.718100	105.378670	
2010	129	200	129.083333333	05/09/2010 2:00	05/09/2010 1:00	72.152	1.02551	0.39	16.56	0.426	13.03	43.4363	105.3186015	105.318486	0.721520	105.382090	
2010	129	300	129.125000000	05/09/2010 3:00	05/09/2010 2:00	72.402	1.02907	0.39	16.6	0.426	12.99	43.4282	105.3210957	105.320980	0.724020	105.384590	
2010	129	400	129.166666667	05/09/2010 4:00	05/09/2010 3:00	72.602	1.03191	0.391	16.59	0.426	12.95	43.4216	105.323091	105.322976	0.726020	105.386590	
2010	129	500	129.208333333	05/09/2010 5:00	05/09/2010 4:00	72.513	1.03064	0.39	16.6	0.426	12.92	43.4245	105.3222031	105.322088	0.725130	105.385700	
2010	129	600	129.250000000	05/09/2010 6:00	05/09/2010 5:00	72.924	1.03649	0.391	16.61	0.426	13.1	43.4111	105.3263035	105.326188	0.729240	105.389810	
2010	129	700	129.291666667	05/09/2010 7:00	05/09/2010 6:00	72.689	1.03315	0.391	16.59	0.427	13.84	43.4188	105.323959	105.323844	0.726890	105.387460	
2010	129	800	129.333333333	05/09/2010 8:00	05/09/2010 7:00	72.954	1.03691	0.391	16.6	0.426	13.78	43.4101	105.3266028	105.326487	0.729540	105.390110	
2010	129	900	129.375000000	05/09/2010 9:00	05/09/2010 8:00	72.935	1.03664	0.391	16.6	0.426	13.7	43.4107	105.3264132	105.326298	0.729350	105.389920	
2010	129	1000	129.416666667	05/09/2010 10:00	05/09/2010 9:00	72.895	1.03607	0.391	16.6	0.426	13.62	43.4120	105.3260141	105.325899	0.728950	105.389520	
2010	129	1100	129.458333333	05/09/2010 11:00	05/09/2010 10:00	73.488	1.04450	0.391	16.59	0.427	13.56	43.3926	105.3319303	105.331815	0.734880	105.395450	
2010	129	1200	129.500000000	05/09/2010 12:00	05/09/2010 11:00	73.286	1.04163	0.391	16.59	0.426	13.52	43.3992	105.329915	105.329800	0.732860	105.393430	
2010	129	1300	129.541666667	05/09/2010 13:00	05/09/2010 12:00	73.241	1.04099	0.391	16.6	0.426	13.53	43.4007	105.329466	105.329351	0.732410	105.392980	
2010	129	1400	129.583333333	05/09/2010 14:00	05/09/2010 13:00	73.683	1.04727	0.391	16.59	0.426	13.49	43.3862	105.3338757	105.333760	0.736830	105.397400	
2010	129	1500	129.625000000	05/09/2010 15:00	05/09/2010 14:00	74.124	1.05354	0.391	16.6	0.427	13.45	43.3718	105.3382754	105.338160	0.741240	105.401810	
2010	129	1600	129.666666667	05/09/2010 16:00	05/09/2010 15:00	74.229	1.05503	0.391	16.61	0.427	13.45	43.3684	105.3393229	105.339208	0.742290	105.402860	
2010	129	1700	129.708333333	05/09/2010 17:00	05/09/2010 16:00	73.928	1.05076	0.391	16.58	0.427	13.47	43.3782	105.33632	105.336205	0.739280	105.399850	
2010	129	1800	129.750000000	05/09/2010 18:00	05/09/2010 17:00	74.115	1.05341	0.391	16.6	0.427	13.49	43.3721	105.3381856	105.338070	0.741150	105.401720	
2010	129	1900	129.791666667	05/09/2010 19:00	05/09/2010 18:00	74.177	1.05429	0.391	16.6	0.427	13.37	43.3701	105.3388041	105.338689	0.741770	105.402340	
2010	129	2000	129.833333333	05/09/2010 20:00	05/09/2010 19:00	74.089	1.05304	0.391	16.59	0.427	13.27	43.3729	105.3379262	105.337811	0.740890	105.401460	
2010	129	2100	129.875000000	05/09/2010 21:00	05/09/2010 20:00	73.945	1.05100	0.391	16.58	0.427	13.2	43.3777	105.3364896	105.336374	0.739450	105.400020	
2010	129	2200	129.916666667	05/09/2010 22:00	05/09/2010 21:00	73.712	1.04769	0.391	16.59	0.427	13.14	43.3853	105.334165	105.334050	0.737120	105.397690	
2010	129	2300	129.958333333	05/09/2010 23:00	05/09/2010 22:00	73.586	1.04589	0.391	16.6	0.427	13.09	43.3894	105.332908	105.332793	0.735860	105.396430	
2010	129	2400	130.000000000	05/10/2010 0:00	05/09/2010 23:00	73.426	1.04362	0.391	16.59	0.427	13.05	43.3946	105.3313117	105.331196	0.734260	105.394830	
2010	130	100	130.041666667	05/10/2010 1:00	05/10/2010 0:00	73.318	1.04209	0.391	16.58	0.427	13.01	43.3982	105.3302342	105.330119	0.733180	105.393750	
2010	130	200	130.083333333	05/10/2010 2:00	05/10/2010 1:00	73.3	1.04183	0.391	16.59	0.427	12.97	43.3988	105.3300547	105.329939	0.733000	105.393570	
2010	130	300	130.125000000	05/10/2010 3:00	05/10/2010 2:00	73.144	1.03961	0.391	16.6	0.427	12.93	43.4039	105.3284983	105.328383	0.731440	105.392010	
2010	130	400	130.166666667	05/10/2010 4:00	05/10/2010 3:00	73.165	1.03991	0.391	16.6	0.427	12.9	43.4032	105.3287078	105.328592	0.731650	105.392220	
2010	130	500	130.208333333	05/10/2010 5:00	05/10/2010 4:00	73.128	1.03938	0.391	16.6	0.427	12.87	43.4044	105.3283387	105.328223	0.731280	105.391850	
2010	130	600	130.250000000	05/10/2010 6:00	05/10/2010 5:00	73.152	1.03973	0.391	16.61	0.427	12.87	43.4036	105.3285781	105.328463	0.731520	105.392090	
2010	130	700	130.291666667	05/10/2010 7:00	05/10/2010 6:00	73.314	1.04203	0.391	16.61	0.427	13.23	43.3983	105.3301943	105.330079	0.733140	105.393710	
2010	130	800	130.333333333	05/10/2010 8:00	05/10/2010 7:00	73.527	1.04506	0.391	16.59	0.427	13.84	43.3913	105.3323194	105.332204	0.735270	105.395840	
2010	130	900	130.375000000	05/10/2010 9:00	05/10/2010 8:00	73.872	1.04996	0.391	16.6	0.427	13.82	43.3800	105.3357613	105.335646	0.738720	105.399290	
2010	130	1000	130.416666667	05/10/2010 10:00	05/10/2010 9:00	74.138	1.05374	0.391	16.59	0.427	13.8	43.3713	105.3384151	105.338300	0.741380	105.401950	
2010	130	1100	130.458333333	05/10/2010 11:00	05/10/2010 10:00	74.503	1.05893	0.391	16.61	0.427	13.79	43.3594	105.3420565	105.341941	0.745030	105.405600	
2010	130	1200	130.500000000	05/10/2010 12:00	05/10/2010 11:00	74.469	1.05844	0.391	16.59	0.427	13.8	43.3605	105.3417173	105.341602	0.744690	105.405260	
2010	130	1300	130.541666667	05/10/2010 13:00	05/10/2010 12:00	74.763	1.06262	0.391	16.6	0.427	13.77	43.3509	105.3446504	105.344535	0.747630	105.408200	
2010	130	1400	130.583333333	05/10/2010 14:00	05/10/2010 13:00	74.26	1.05547	0.391	16.6	0.427	13.7	43.3673	105.3396322	105.339517	0.742600	105.403170	
2010	130	1500	130.625000000	05/10/2010 15:00	05/10/2010 14:00	75.729	1.07635	0.391	16.61	0.427	13.66	43.3193	105.3542878	105.354172	0.757290	105.417860	
2010	130	1600	130.666666667	05/10/2010 16:00	05/10/2010 15:00	75.835	1.07786	0.391	16.6	0.427	13.69	43.3158	105.3553454	105.355230	0.758350	105.418920	
2010	130	1700	130.708333333	05/10/2010 17:00	05/10/2010 16:00	75.903	1.07883	0.391	16.61	0.427	13.72	43.3136	105.3560238	105.355908	0.759030	105.419600	
2010	130	1800	130.750000000	05/10/2010 18:00	05/10/2010 17:00	76.079	1.08133	0.391	16.61	0.427	13.61	43.3078	105.3577796	105.357664	0.760790	105.421360	
2010	130	1900	130.791666667	05/10/2010 19:00	05/10/2010 18:00	76.045	1.08084	0.391	16.59	0.427	13.47	43.3089	105.3574404	105.357325	0.760450	105.421020	
2010	130	2000	130.833333333	05/10/2010 20:00	05/10/2010 19:00	76.013	1.08039	0.391	16.6	0.427	13.38	43.3100	105.3571212	105.357006	0.760130	105.420700	
2010	130	2100	130.875000000	05/10/2010 21:00	05/10/2010 20:00	76.215	1.08326	0.391	16.57	0.427	13.31	43.3034	105.3591365	105.359021	0.762150	105.422720	
2010	130	2200	130.916666667	05/10/2010 22:00	05/10/2010 21:00	76.273	1.08409	0.391	16.59	0.427	13.24	43.3015	105.3597151	105.359600	0.762730	105.423300	
2010	130	2300	130.958333333	05/10/2010 23:00	05/10/2010 22:00	76.107	1.08173	0.391	16.58	0.427	13.19	43.3069	105.358059	105.357944	0.761070	105.421640	
2010	130	2400	131.000000000	05/11/2010 0:00	05/10/2010 23:00	76.083	1.08138	0.391	16.59	0.427	13.14	43.3077	105.3578196	105.357704	0.760830	105.421400	
2010	131	100	131.041666667	05/11/2010 1:00	05/11/2010 0:00	76.016	1.08043	0.392	16.59	0.428	13.08	43.3099	105.3571511	105.357036	0.760160	105.420730	
2010	131	200	131.083333333	05/11/2010 2:00	05/11/2010 1:00	75.925	1.07914	0.392	16.57	0.428	13.04	43.3129	105.3562433	105.356128	0.759250	105.419820	
2010	131	300	131.125000000	05/11/2010 3:00	05/11/2010 2:00	75.784	1.07714	0.392	16.57	0.428	13.01	43.3175	105.3548365	105.354721	0.757840	105.418410	
2010	131	400	131.166666667	05/11/2010 4:00	05/11/2010 3:00	75.599	1.07451	0.392	16.59	0.428	12.96	43.3235	105.3529909	105.352876	0.755990	105.416560	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	131	500	131.208333333	05/11/2010 5:00	05/11/2010 4:00	75.408	1.07179	0.392	16.6	0.428	12.93	43.3298	105.3510853	105.350970	0.754080	105.414650	
2010	131	600	131.250000000	05/11/2010 6:00	05/11/2010 5:00	75.271	1.06984	0.392	16.6	0.428	13.14	43.3343	105.3497186	105.349603	0.752710	105.413280	
2010	131	700	131.291666667	05/11/2010 7:00	05/11/2010 6:00	74.857	1.06396	0.392	16.59	0.428	13.78	43.3478	105.3455882	105.345473	0.748570	105.409140	
2010	131	800	131.333333333	05/11/2010 8:00	05/11/2010 7:00	74.68	1.06144	0.392	16.59	0.428	13.72	43.3536	105.3438224	105.343707	0.746800	105.407370	
2010	131	900	131.375000000	05/11/2010 9:00	05/11/2010 8:00	74.675	1.06137	0.391	16.6	0.427	13.66	43.3538	105.3437725	105.343657	0.746750	105.407320	
2010	131	1000	131.416666667	05/11/2010 10:00	05/11/2010 9:00	74.487	1.05870	0.391	16.59	0.427	13.6	43.3599	105.3418969	105.341782	0.744870	105.405440	
2010	131	1100	131.458333333	05/11/2010 11:00	05/11/2010 10:00	74.687	1.06154	0.391	16.59	0.427	13.53	43.3534	105.3438922	105.343777	0.746870	105.407440	
2010	131	1200	131.500000000	05/11/2010 12:00	05/11/2010 11:00	73.981	1.05151	0.391	16.62	0.427	13.5	43.3765	105.3368487	105.336733	0.739810	105.400380	
2010	131	1300	131.541666667	05/11/2010 13:00	05/11/2010 12:00	74.818	1.06341	0.391	16.59	0.427	13.48	43.3491	105.3451991	105.345084	0.748180	105.408750	
2010	131	1400	131.583333333	05/11/2010 14:00	05/11/2010 13:00	74.781	1.06288	0.391	16.6	0.427	13.43	43.3503	105.34483	105.344715	0.747810	105.408380	
2010	131	1500	131.625000000	05/11/2010 15:00	05/11/2010 14:00	76.206	1.08313	0.391	16.6	0.427	13.37	43.3037	105.3590467	105.358931	0.762060	105.422630	
2010	131	1600	131.666666667	05/11/2010 16:00	05/11/2010 15:00	76.06	1.08106	0.391	16.6	0.427	13.36	43.3084	105.3575901	105.357475	0.760600	105.421170	
2010	131	1700	131.708333333	05/11/2010 17:00	05/11/2010 16:00	76.784	1.09135	0.391	16.61	0.427	13.37	43.2847	105.3648132	105.364698	0.767840	105.428410	
2010	131	1800	131.750000000	05/11/2010 18:00	05/11/2010 17:00	77.292	1.09857	0.391	16.6	0.427	13.31	43.2681	105.3698813	105.369766	0.772920	105.433490	
2010	131	1900	131.791666667	05/11/2010 19:00	05/11/2010 18:00	77.491	1.10140	0.391	16.58	0.427	13.23	43.2616	105.3718666	105.371751	0.774910	105.435480	
2010	131	2000	131.833333333	05/11/2010 20:00	05/11/2010 19:00	77.859	1.10663	0.391	16.6	0.427	13.15	43.2495	105.375538	105.375423	0.778590	105.439160	
2010	131	2100	131.875000000	05/11/2010 21:00	05/11/2010 20:00	78.216	1.11170	0.391	16.59	0.427	13.09	43.2379	105.3790996	105.378984	0.782160	105.442730	
2010	131	2200	131.916666667	05/11/2010 22:00	05/11/2010 21:00	78.395	1.11425	0.391	16.59	0.427	13.04	43.2320	105.3808855	105.380770	0.783950	105.444520	
2010	131	2300	131.958333333	05/11/2010 23:00	05/11/2010 22:00	78.46	1.11517	0.391	16.59	0.427	13	43.2299	105.3815339	105.381419	0.784600	105.445170	
2010	131	2400	132.000000000	05/12/2010 0:00	05/11/2010 23:00	78.428	1.11471	0.391	16.6	0.427	12.96	43.2309	105.3812147	105.381099	0.784280	105.444850	
2010	132	100	132.041666667	05/12/2010 1:00	05/12/2010 0:00	78.443	1.11493	0.391	16.59	0.427	12.93	43.2304	105.3813643	105.381249	0.784430	105.445000	
2010	132	200	132.083333333	05/12/2010 2:00	05/12/2010 1:00	78.448	1.11500	0.391	16.58	0.427	12.89	43.2303	105.3814142	105.381299	0.784480	105.445050	
2010	132	300	132.125000000	05/12/2010 3:00	05/12/2010 2:00	78.519	1.11601	0.391	16.58	0.427	12.87	43.2279	105.3821226	105.382007	0.785190	105.445760	
2010	132	400	132.166666667	05/12/2010 4:00	05/12/2010 3:00	78.592	1.11705	0.391	16.59	0.427	12.86	43.2256	105.3828509	105.382736	0.785920	105.446490	
2010	132	500	132.208333333	05/12/2010 5:00	05/12/2010 4:00	78.451	1.11504	0.391	16.57	0.427	12.86	43.2302	105.3814442	105.381329	0.784510	105.445080	
2010	132	600	132.250000000	05/12/2010 6:00	05/12/2010 5:00	78.577	1.11683	0.391	16.58	0.427	12.97	43.2260	105.3827012	105.382586	0.785770	105.446340	
2010	132	700	132.291666667	05/12/2010 7:00	05/12/2010 6:00	78.421	1.11462	0.391	16.6	0.427	13.7	43.2312	105.3811449	105.381030	0.784210	105.444780	
2010	132	800	132.333333333	05/12/2010 8:00	05/12/2010 7:00	78.485	1.11553	0.391	16.6	0.427	13.64	43.2291	105.3817834	105.381668	0.784850	105.445420	
2010	132	900	132.375000000	05/12/2010 9:00	05/12/2010 8:00	78.949	1.12212	0.391	16.58	0.427	13.58	43.2139	105.3864125	105.386297	0.789490	105.450060	
2010	132	1000	132.416666667	05/12/2010 10:00	05/12/2010 9:00	79.199	1.12567	0.391	16.59	0.427	13.54	43.2057	105.3889067	105.388791	0.791990	105.452560	
2010	132	1100	132.458333333	05/12/2010 11:00	05/12/2010 10:00	79.291	1.12698	0.391	16.61	0.427	13.49	43.2027	105.3898245	105.389709	0.792910	105.453480	
2010	132	1200	132.500000000	05/12/2010 12:00	05/12/2010 11:00	79.575	1.13102	0.391	16.59	0.427	13.46	43.1934	105.3926579	105.392543	0.795750	105.456320	
2010	132	1300	132.541666667	05/12/2010 13:00	05/12/2010 12:00	80.087	1.13829	0.39	16.6	0.426	13.46	43.1766	105.3977659	105.397651	0.800870	105.461440	
2010	132	1400	132.583333333	05/12/2010 14:00	05/12/2010 13:00	80.47	1.14374	0.39	16.58	0.426	13.41	43.1641	105.4015869	105.401472	0.804700	105.465270	
2010	132	1500	132.625000000	05/12/2010 15:00	05/12/2010 14:00	80.71	1.14715	0.39	16.61	0.426	13.37	43.1562	105.4039813	105.403866	0.807100	105.467670	
2010	132	1600	132.666666667	05/12/2010 16:00	05/12/2010 15:00	80.851	1.14915	0.39	16.59	0.426	13.37	43.1516	105.405388	105.405273	0.808510	105.469080	
2010	132	1700	132.708333333	05/12/2010 17:00	05/12/2010 16:00	80.737	1.14753	0.39	16.61	0.426	13.37	43.1553	105.4042507	105.404135	0.807370	105.467940	
2010	132	1800	132.750000000	05/12/2010 18:00	05/12/2010 17:00	81.278	1.15522	0.39	16.6	0.426	13.39	43.1376	105.409648	105.409533	0.812780	105.473350	
2010	132	1900	132.791666667	05/12/2010 19:00	05/12/2010 18:00	81.557	1.15919	0.39	16.6	0.426	13.27	43.1285	105.4124315	105.412316	0.815570	105.476140	
2010	132	2000	132.833333333	05/12/2010 20:00	05/12/2010 19:00	81.436	1.15747	0.39	16.59	0.426	13.18	43.1325	105.4112243	105.411109	0.814360	105.474930	
2010	132	2100	132.875000000	05/12/2010 21:00	05/12/2010 20:00	81.406	1.15704	0.39	16.59	0.426	13.11	43.1334	105.410925	105.410810	0.814060	105.474630	
2010	132	2200	132.916666667	05/12/2010 22:00	05/12/2010 21:00	81.525	1.15873	0.391	16.58	0.427	13.05	43.1296	105.4121122	105.411997	0.815250	105.475820	
2010	132	2300	132.958333333	05/12/2010 23:00	05/12/2010 22:00	81.296	1.15548	0.391	16.59	0.427	13	43.1370	105.4098276	105.409712	0.812960	105.473530	
2010	132	2400	133.000000000	05/13/2010 0:00	05/12/2010 23:00	81.515	1.15859	0.391	16.6	0.427	12.97	43.1299	105.4120125	105.411897	0.815150	105.475720	
2010	133	100	133.041666667	05/13/2010 1:00	05/13/2010 0:00	81.82	1.16293	0.391	16.6	0.426	12.94	43.1199	105.4150553	105.414940	0.818200	105.478770	
2010	133	200	133.083333333	05/13/2010 2:00	05/13/2010 1:00	82.034	1.16597	0.391	16.57	0.427	12.91	43.1129	105.4171903	105.417075	0.820340	105.480910	
2010	133	300	133.125000000	05/13/2010 3:00	05/13/2010 2:00	82.331	1.17019	0.391	16.59	0.427	12.89	43.1032	105.4201534	105.420038	0.823310	105.483880	
2010	133	400	133.166666667	05/13/2010 4:00	05/13/2010 3:00	82.677	1.17511	0.391	16.61	0.427	12.88	43.0918	105.4236053	105.423490	0.826770	105.487340	
2010	133	500	133.208333333	05/13/2010 5:00	05/13/2010 4:00	82.677	1.17511	0.391	16.59	0.427	12.86	43.0918	105.4236053	105.423490	0.826770	105.487340	
2010	133	600	133.250000000	05/13/2010 6:00	05/13/2010 5:00	83.097	1.18108	0.39	16.58	0.426	13.01	43.0781	105.4277955	105.427680	0.830970	105.491540	
2010	133	700	133.291666667	05/13/2010 7:00	05/13/2010 6:00	83.093	1.18102	0.39	16.6	0.426	13.7	43.0782	105.4277555	105.427640	0.830930	105.491500	
2010	133	800	133.333333333	05/13/2010 8:00	05/13/2010 7:00	83.27	1.18354	0.39	16.59	0.426	13.66	43.0724	105.4295214	105.429406	0.832700	105.493270	
2010	133	900	133.375000000	05/13/2010 9:00	05/13/2010 8:00	83.742	1.19024	0.39	16.59	0.426	13.59	43.0570	105.4342304	105.434115	0.837420	105.497990	
2010	133	1000	133.416666667	05/13/2010 10:00	05/13/2010 9:00	84.593	1.20234	0.39	16.6	0.426	13.52	43.0291	105.4427205	105.442605	0.845930	105.506500	
2010	133	1100	133.458333333	05/13/2010 11:00	05/13/2010 10:00	84.991	1.20800	0.39	16.6	0.426	13.48	43.0161	105.4466911	105.446576	0.849910	105.510480	
2010	133	1200	133.500000000	05/13/2010 12:00	05/13/2010 11:00	85.557	1.21604	0.39	16.6	0.426	13.44	42.9976	105.4523379	105.452223	0.855570	105.516140	
2010	133	1300	133.541666667	05/13/2010 13:00	05/13/2010 12:00	85.916	1.22114	0.39	16.6	0.426	13.42	42.9858	105.4559195	105.455804	0.859160	105.519730	
2010	133	1400	133.583333333	05/13/2010 14:00	05/13/2010 13:00	86.341	1.22718	0.39	16.58	0.426	13.38	42.9719	105.4601596	105.460044	0.863410	105.523980	
2010	133	1500	133.625000000	05/13/2010 15:00	05/13/2010 14:00	86.782	1.23345	0.39	16.59	0.426	13.34	42.9575	105.4645592	105.464444	0.867820	105.528390	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	133	1600	133.666666667	05/13/2010 16:00	05/13/2010 15:00	87.083	1.23773	0.39	16.6	0.426	13.31	42.9476	105.4675622	105.467447	0.870830	105.531400	
2010	133	1700	133.708333333	05/13/2010 17:00	05/13/2010 16:00	88.005	1.25084	0.39	16.6	0.426	13.33	42.9175	105.4767606	105.476645	0.880050	105.540620	
2010	133	1800	133.750000000	05/13/2010 18:00	05/13/2010 17:00	88.437	1.25698	0.39	16.61	0.426	13.36	42.9033	105.4810705	105.480955	0.884370	105.544940	
2010	133	1900	133.791666667	05/13/2010 19:00	05/13/2010 18:00	88.834	1.26262	0.39	16.61	0.426	13.24	42.8903	105.4850312	105.484916	0.888340	105.548910	
2010	133	2000	133.833333333	05/13/2010 20:00	05/13/2010 19:00	89.206	1.26791	0.391	16.6	0.426	13.15	42.8781	105.4887425	105.488627	0.892060	105.552630	
2010	133	2100	133.875000000	05/13/2010 21:00	05/13/2010 20:00	89.369	1.27022	0.39	16.6	0.426	13.08	42.8728	105.4903687	105.490253	0.893690	105.554260	
2010	133	2200	133.916666667	05/13/2010 22:00	05/13/2010 21:00	89.513	1.27227	0.391	16.6	0.427	13.03	42.8681	105.4918053	105.491690	0.895130	105.555700	
2010	133	2300	133.958333333	05/13/2010 23:00	05/13/2010 22:00	89.716	1.27515	0.391	16.58	0.427	12.99	42.8614	105.4938306	105.493715	0.897160	105.557730	
2010	133	2400	134.000000000	05/14/2010 0:00	05/13/2010 23:00	89.664	1.27441	0.391	16.58	0.427	12.96	42.8632	105.4933118	105.493196	0.896640	105.557210	
2010	134	100	134.041666667	05/14/2010 1:00	05/14/2010 0:00	89.708	1.27504	0.391	16.6	0.427	12.93	42.8617	105.4937508	105.493635	0.897080	105.557650	
2010	134	200	134.083333333	05/14/2010 2:00	05/14/2010 1:00	89.68	1.27464	0.391	16.59	0.427	12.89	42.8626	105.4934714	105.493356	0.896800	105.557370	
2010	134	300	134.125000000	05/14/2010 3:00	05/14/2010 2:00	89.821	1.27665	0.391	16.6	0.427	12.89	42.8580	105.4948781	105.494763	0.898210	105.558780	
2010	134	400	134.166666667	05/14/2010 4:00	05/14/2010 3:00	89.783	1.27611	0.391	16.58	0.427	12.86	42.8593	105.494499	105.494384	0.897830	105.558400	
2010	134	500	134.208333333	05/14/2010 5:00	05/14/2010 4:00	89.387	1.27048	0.391	16.6	0.426	12.86	42.8722	105.4905483	105.490433	0.893870	105.554440	
2010	134	600	134.250000000	05/14/2010 6:00	05/14/2010 5:00	89.216	1.26805	0.391	16.59	0.427	13.07	42.8778	105.4888423	105.488727	0.892160	105.552730	
2010	134	700	134.291666667	05/14/2010 7:00	05/14/2010 6:00	88.861	1.26300	0.392	16.61	0.428	13.72	42.8894	105.4853006	105.485185	0.888610	105.549180	
2010	134	800	134.333333333	05/14/2010 8:00	05/14/2010 7:00	88.235	1.25410	0.392	16.61	0.428	13.67	42.9099	105.4790552	105.478940	0.882350	105.542920	
2010	134	900	134.375000000	05/14/2010 9:00	05/14/2010 8:00	88.269	1.25459	0.392	16.6	0.427	13.57	42.9088	105.4793944	105.479279	0.882690	105.543260	
2010	134	1000	134.416666667	05/14/2010 10:00	05/14/2010 9:00	88.48	1.25759	0.391	16.61	0.427	13.48	42.9019	105.4814995	105.481384	0.884800	105.545370	
2010	134	1100	134.458333333	05/14/2010 11:00	05/14/2010 10:00	87.495	1.24359	0.392	16.61	0.427	13.4	42.9341	105.4716726	105.471557	0.874950	105.535520	
2010	134	1200	134.500000000	05/14/2010 12:00	05/14/2010 11:00	87.898	1.24931	0.391	16.58	0.427	13.35	42.9210	105.4756931	105.475578	0.878980	105.539550	
2010	134	1300	134.541666667	05/14/2010 13:00	05/14/2010 12:00	87.578	1.24477	0.391	16.59	0.427	13.34	42.9314	105.4725006	105.472385	0.875780	105.536350	
2010	134	1400	134.583333333	05/14/2010 14:00	05/14/2010 13:00	87.909	1.24947	0.392	16.58	0.428	13.3	42.9206	105.4758029	105.475688	0.879090	105.539660	
2010	134	1500	134.625000000	05/14/2010 15:00	05/14/2010 14:00	88.351	1.25575	0.392	16.62	0.428	13.25	42.9061	105.4802125	105.480097	0.883510	105.544080	
2010	134	1600	134.666666667	05/14/2010 16:00	05/14/2010 15:00	88.429	1.25686	0.392	16.61	0.427	13.25	42.9036	105.4809907	105.480875	0.884290	105.544860	
2010	134	1700	134.708333333	05/14/2010 17:00	05/14/2010 16:00	88.786	1.26194	0.392	16.6	0.428	13.25	42.8919	105.4845524	105.484437	0.887860	105.548430	
2010	134	1800	134.750000000	05/14/2010 18:00	05/14/2010 17:00	89.011	1.26513	0.392	16.61	0.427	13.28	42.8845	105.4867971	105.486682	0.890110	105.550680	
2010	134	1900	134.791666667	05/14/2010 19:00	05/14/2010 18:00	89.495	1.27201	0.391	16.59	0.427	13.17	42.8687	105.4916258	105.491510	0.894950	105.555520	
2010	134	2000	134.833333333	05/14/2010 20:00	05/14/2010 19:00	89.713	1.27511	0.392	16.59	0.427	13.07	42.8615	105.4938007	105.493685	0.897130	105.557700	
2010	134	2100	134.875000000	05/14/2010 21:00	05/14/2010 20:00	89.888	1.27760	0.391	16.58	0.427	13.02	42.8558	105.4955466	105.495431	0.898880	105.559450	
2010	134	2200	134.916666667	05/14/2010 22:00	05/14/2010 21:00	90.125	1.28097	0.392	16.6	0.427	12.98	42.8481	105.497911	105.497796	0.901250	105.561820	
2010	134	2300	134.958333333	05/14/2010 23:00	05/14/2010 22:00	90.397	1.28483	0.391	16.6	0.427	12.95	42.8392	105.5006247	105.500509	0.903970	105.564540	
2010	134	2400	135.000000000	05/15/2010 0:00	05/14/2010 23:00	90.582	1.28746	0.391	16.58	0.427	12.92	42.8331	105.5024703	105.502355	0.905820	105.566390	
2010	135	100	135.041666667	05/15/2010 1:00	05/15/2010 0:00	90.74	1.28971	0.391	16.6	0.427	12.9	42.8279	105.5040466	105.503931	0.907400	105.567970	
2010	135	200	135.083333333	05/15/2010 2:00	05/15/2010 1:00	90.878	1.29167	0.392	16.6	0.428	12.89	42.8234	105.5054234	105.505308	0.908780	105.569350	
2010	135	300	135.125000000	05/15/2010 3:00	05/15/2010 2:00	90.965	1.29291	0.392	16.59	0.428	12.89	42.8206	105.5062914	105.506176	0.909650	105.570220	
2010	135	400	135.166666667	05/15/2010 4:00	05/15/2010 3:00	91.013	1.29359	0.392	16.6	0.428	12.88	42.8190	105.5067702	105.506655	0.910130	105.570700	
2010	135	500	135.208333333	05/15/2010 5:00	05/15/2010 4:00	90.59	1.28758	0.392	16.59	0.428	12.87	42.8328	105.5025501	105.502435	0.905900	105.566470	
2010	135	600	135.250000000	05/15/2010 6:00	05/15/2010 5:00	90.505	1.28637	0.392	16.59	0.428	13.01	42.8356	105.5017021	105.501587	0.905050	105.565620	
2010	135	700	135.291666667	05/15/2010 7:00	05/15/2010 6:00	90.084	1.28038	0.392	16.6	0.428	13.62	42.8494	105.497502	105.497387	0.900840	105.561410	
2010	135	800	135.333333333	05/15/2010 8:00	05/15/2010 7:00	89.802	1.27638	0.392	16.6	0.427	13.54	42.8586	105.4946886	105.494573	0.898020	105.558590	
2010	135	900	135.375000000	05/15/2010 9:00	05/15/2010 8:00	89.504	1.27214	0.392	16.58	0.428	13.45	42.8684	105.4917156	105.491600	0.895040	105.555610	
2010	135	1000	135.416666667	05/15/2010 10:00	05/15/2010 9:00	89.549	1.27278	0.392	16.6	0.428	13.39	42.8669	105.4921645	105.492049	0.895490	105.556060	
2010	135	1100	135.458333333	05/15/2010 11:00	05/15/2010 10:00	89.368	1.27021	0.392	16.61	0.428	13.34	42.8728	105.4903587	105.490243	0.893680	105.554250	
2010	135	1200	135.500000000	05/15/2010 12:00	05/15/2010 11:00	89.066	1.26592	0.392	16.6	0.428	13.3	42.8827	105.4873458	105.487230	0.890660	105.551230	
2010	135	1300	135.541666667	05/15/2010 13:00	05/15/2010 12:00	89.405	1.27073	0.392	16.6	0.428	13.29	42.8716	105.4907279	105.490613	0.894050	105.554620	
2010	135	1400	135.583333333	05/15/2010 14:00	05/15/2010 13:00	88.612	1.25946	0.392	16.59	0.428	13.26	42.8976	105.4828164	105.482701	0.886120	105.546690	
2010	135	1500	135.625000000	05/15/2010 15:00	05/15/2010 14:00	88.905	1.26363	0.392	16.61	0.428	13.23	42.8880	105.4857396	105.485624	0.889050	105.549620	
2010	135	1600	135.666666667	05/15/2010 16:00	05/15/2010 15:00	88.854	1.26290	0.392	16.61	0.428	13.22	42.8897	105.4852308	105.485115	0.888540	105.549110	
2010	135	1700	135.708333333	05/15/2010 17:00	05/15/2010 16:00	89.092	1.26628	0.392	16.62	0.428	13.24	42.8819	105.4876052	105.487490	0.890920	105.551490	
2010	135	1800	135.750000000	05/15/2010 18:00	05/15/2010 17:00	89.374	1.27029	0.392	16.6	0.428	13.28	42.8726	105.4904186	105.490303	0.893740	105.554310	
2010	135	1900	135.791666667	05/15/2010 19:00	05/15/2010 18:00	89.266	1.26876	0.392	16.58	0.428	13.15	42.8762	105.4893411	105.489226	0.892660	105.553230	
2010	135	2000	135.833333333	05/15/2010 20:00	05/15/2010 19:00	89.23	1.26825	0.392	16.58	0.428	13.07	42.8774	105.488982	105.488867	0.892300	105.552870	
2010	135	2100	135.875000000	05/15/2010 21:00	05/15/2010 20:00	89.037	1.26550	0.391	16.6	0.427	13.02	42.8837	105.4870565	105.486941	0.890370	105.550940	
2010	135	2200	135.916666667	05/15/2010 22:00	05/15/2010 21:00	88.903	1.26360	0.391	16.58	0.427	12.98	42.8881	105.4857196	105.485604	0.889030	105.549600	
2010	135	2300	135.958333333	05/15/2010 23:00	05/15/2010 22:00	88.676	1.26037	0.391	16.6	0.427	12.96	42.8955	105.4834549	105.483340	0.886760	105.547330	
2010	135	2400	136.000000000	05/16/2010 0:00	05/15/2010 23:00	88.334	1.25551	0.391	16.59	0.427	12.95	42.9067	105.4800429	105.479928	0.883340	105.543910	
2010	136	100	136.041666667	05/16/2010 1:00	05/16/2010 0:00	88.173	1.25322	0.391	16.6	0.427	12.93	42.9120	105.4784367	105.478321	0.881730	105.542300	
2010	136	200	136.083333333	05/16/2010 2:00	05/16/2010 1:00	87.974	1.25039	0.391	16.6	0.427	12.92	42.9185	105.4764514	105.476336	0.879740	105.540310	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	136	300	136.125000000	05/16/2010 3:00	05/16/2010 2:00	87.666	1.24602	0.391	16.6	0.427	12.91	42.9285	105.4733786	105.473263	0.876660	105.537230	
2010	136	400	136.166666667	05/16/2010 4:00	05/16/2010 3:00	87.445	1.24288	0.391	16.59	0.427	12.91	42.9358	105.4711737	105.471058	0.874450	105.535020	
2010	136	500	136.208333333	05/16/2010 5:00	05/16/2010 4:00	87.212	1.23956	0.391	16.6	0.427	12.9	42.9434	105.4688492	105.468734	0.872120	105.532690	
2010	136	600	136.250000000	05/16/2010 6:00	05/16/2010 5:00	86.901	1.23514	0.391	16.6	0.427	13.47	42.9536	105.4657465	105.465631	0.869010	105.529580	
2010	136	700	136.291666667	05/16/2010 7:00	05/16/2010 6:00	86.607	1.23096	0.391	16.6	0.427	13.59	42.9632	105.4628133	105.462698	0.866070	105.526640	
2010	136	800	136.333333333	05/16/2010 8:00	05/16/2010 7:00	86.311	1.22676	0.391	16.61	0.427	13.54	42.9729	105.4598603	105.459745	0.863110	105.523680	
2010	136	900	136.375000000	05/16/2010 9:00	05/16/2010 8:00	86.563	1.23034	0.391	16.61	0.427	13.46	42.9647	105.4623744	105.462259	0.865630	105.526200	
2010	136	1000	136.416666667	05/16/2010 10:00	05/16/2010 9:00	86.333	1.22707	0.392	16.59	0.428	13.41	42.9722	105.4600797	105.459964	0.863330	105.523900	
2010	136	1100	136.458333333	05/16/2010 11:00	05/16/2010 10:00	85.908	1.22103	0.392	16.6	0.428	13.34	42.9861	105.4558397	105.455724	0.859080	105.519650	
2010	136	1200	136.500000000	05/16/2010 12:00	05/16/2010 11:00	86.211	1.22534	0.392	16.6	0.427	13.3	42.9762	105.4588626	105.458747	0.862110	105.522680	
2010	136	1300	136.541666667	05/16/2010 13:00	05/16/2010 12:00	86.586	1.23067	0.392	16.62	0.428	13.29	42.9639	105.4626038	105.462488	0.865860	105.526430	
2010	136	1400	136.583333333	05/16/2010 14:00	05/16/2010 13:00	85.958	1.22174	0.392	16.59	0.428	13.25	42.9845	105.4563385	105.456223	0.859580	105.520150	
2010	136	1500	136.625000000	05/16/2010 15:00	05/16/2010 14:00	84.953	1.20746	0.392	16.61	0.428	13.22	43.0173	105.446312	105.446197	0.849530	105.510100	
2010	136	1600	136.666666667	05/16/2010 16:00	05/16/2010 15:00	85.48	1.21495	0.392	16.6	0.428	13.23	43.0001	105.4515697	105.451454	0.854800	105.515370	
2010	136	1700	136.708333333	05/16/2010 17:00	05/16/2010 16:00	85.316	1.21262	0.392	16.6	0.428	13.25	43.0055	105.4499335	105.449818	0.853160	105.513730	
2010	136	1800	136.750000000	05/16/2010 18:00	05/16/2010 17:00	85.36	1.21324	0.393	16.61	0.429	13.28	43.0040	105.4503725	105.450257	0.853600	105.514170	
2010	136	1900	136.791666667	05/16/2010 19:00	05/16/2010 18:00	85.37	1.21338	0.393	16.58	0.429	13.13	43.0037	105.4504723	105.450357	0.853700	105.514270	
2010	136	2000	136.833333333	05/16/2010 20:00	05/16/2010 19:00	85.162	1.21043	0.393	16.6	0.429	13.06	43.0105	105.4483971	105.448282	0.851620	105.512190	
2010	136	2100	136.875000000	05/16/2010 21:00	05/16/2010 20:00	84.922	1.20702	0.393	16.58	0.429	13.02	43.0184	105.4460028	105.445887	0.849220	105.509790	
2010	136	2200	136.916666667	05/16/2010 22:00	05/16/2010 21:00	84.856	1.20608	0.393	16.61	0.429	12.99	43.0205	105.4453443	105.445229	0.848560	105.509130	
2010	136	2300	136.958333333	05/16/2010 23:00	05/16/2010 22:00	84.538	1.20156	0.393	16.62	0.429	12.97	43.0309	105.4421717	105.442056	0.845380	105.505950	
2010	136	2400	137.000000000	05/17/2010 0:00	05/16/2010 23:00	84.569	1.20200	0.393	16.59	0.43	12.96	43.0299	105.442481	105.442366	0.845690	105.506260	
2010	137	100	137.041666667	05/17/2010 1:00	05/17/2010 0:00	84.59	1.20230	0.393	16.61	0.429	12.95	43.0292	105.4426905	105.442575	0.845900	105.506470	
2010	137	200	137.083333333	05/17/2010 2:00	05/17/2010 1:00	84.523	1.20134	0.393	16.62	0.43	12.94	43.0314	105.4420221	105.441907	0.845230	105.505800	
2010	137	300	137.125000000	05/17/2010 3:00	05/17/2010 2:00	84.468	1.20056	0.394	16.6	0.43	12.93	43.0332	105.4414734	105.441358	0.844680	105.505250	
2010	137	400	137.166666667	05/17/2010 4:00	05/17/2010 3:00	84.498	1.20099	0.394	16.59	0.43	12.92	43.0322	105.4417727	105.441657	0.844980	105.505550	
2010	137	500	137.208333333	05/17/2010 5:00	05/17/2010 4:00	84.468	1.20056	0.394	16.59	0.43	12.92	43.0332	105.4414734	105.441358	0.844680	105.505250	
2010	137	600	137.250000000	05/17/2010 6:00	05/17/2010 5:00	84.447	1.20026	0.394	16.61	0.43	13	43.0339	105.4412639	105.441149	0.844470	105.505040	
2010	137	700	137.291666667	05/17/2010 7:00	05/17/2010 6:00	84.564	1.20193	0.394	16.6	0.43	13.59	43.0301	105.4424311	105.442316	0.845640	105.506210	
2010	137	800	137.333333333	05/17/2010 8:00	05/17/2010 7:00	84.668	1.20341	0.394	16.59	0.43	13.56	43.0267	105.4434687	105.443353	0.846680	105.507250	
2010	137	900	137.375000000	05/17/2010 9:00	05/17/2010 8:00	84.993	1.20802	0.394	16.62	0.43	13.5	43.0160	105.4467111	105.446596	0.849930	105.510500	
2010	137	1000	137.416666667	05/17/2010 10:00	05/17/2010 9:00	85.581	1.21638	0.394	16.62	0.43	13.49	42.9968	105.4525773	105.452462	0.855810	105.516380	
2010	137	1100	137.458333333	05/17/2010 11:00	05/17/2010 10:00	85.254	1.21173	0.394	16.6	0.43	13.52	43.0075	105.449315	105.449200	0.852540	105.513110	
2010	137	1200	137.500000000	05/17/2010 12:00	05/17/2010 11:00	84.71	1.20400	0.394	16.61	0.43	13.53	43.0253	105.4438877	105.443772	0.847100	105.507670	
2010	137	1300	137.541666667	05/17/2010 13:00	05/17/2010 12:00	85.166	1.21048	0.394	16.59	0.43	13.46	43.0104	105.448437	105.448322	0.851660	105.512230	
2010	137	1400	137.583333333	05/17/2010 14:00	05/17/2010 13:00	85.448	1.21449	0.394	16.62	0.43	13.4	43.0011	105.4512504	105.451135	0.854480	105.515050	
2010	137	1500	137.625000000	05/17/2010 15:00	05/17/2010 14:00	86.148	1.22444	0.394	16.58	0.43	13.33	42.9782	105.4582341	105.458119	0.861480	105.522050	
2010	137	1600	137.666666667	05/17/2010 16:00	05/17/2010 15:00	86.415	1.22824	0.394	16.6	0.43	13.31	42.9695	105.4608978	105.460782	0.864150	105.524720	
2010	137	1700	137.708333333	05/17/2010 17:00	05/17/2010 16:00	86.821	1.23401	0.394	16.6	0.43	13.31	42.9562	105.4649483	105.464833	0.868210	105.528780	
2010	137	1800	137.750000000	05/17/2010 18:00	05/17/2010 17:00	87.427	1.24262	0.394	16.62	0.43	13.22	42.9364	105.4709941	105.470879	0.874270	105.534840	
2010	137	1900	137.791666667	05/17/2010 19:00	05/17/2010 18:00	87.819	1.24819	0.394	16.6	0.43	13.13	42.9235	105.474905	105.474790	0.878190	105.538760	
2010	137	2000	137.833333333	05/17/2010 20:00	05/17/2010 19:00	88.156	1.25298	0.394	16.6	0.43	13.07	42.9125	105.4782671	105.478152	0.881560	105.542130	
2010	137	2100	137.875000000	05/17/2010 21:00	05/17/2010 20:00	88.673	1.26033	0.394	16.61	0.43	13.04	42.8956	105.483425	105.483310	0.886730	105.547300	
2010	137	2200	137.916666667	05/17/2010 22:00	05/17/2010 21:00	88.828	1.26253	0.394	16.6	0.43	13.01	42.8905	105.4849714	105.484856	0.888280	105.548850	
2010	137	2300	137.958333333	05/17/2010 23:00	05/17/2010 22:00	89.064	1.26589	0.394	16.6	0.43	12.98	42.8828	105.4873258	105.487211	0.890640	105.551210	
2010	137	2400	138.000000000	05/18/2010 0:00	05/17/2010 23:00	89.352	1.26998	0.394	16.59	0.43	12.97	42.8734	105.4901991	105.490084	0.893520	105.554090	
2010	138	100	138.041666667	05/18/2010 1:00	05/18/2010 0:00	89.788	1.27618	0.393	16.6	0.429	12.96	42.8591	105.4945489	105.494434	0.897880	105.558450	
2010	138	200	138.083333333	05/18/2010 2:00	05/18/2010 1:00	90.197	1.28199	0.393	16.6	0.429	12.94	42.8457	105.4986293	105.498514	0.901970	105.562540	
2010	138	300	138.125000000	05/18/2010 3:00	05/18/2010 2:00	90.533	1.28677	0.393	16.6	0.429	12.94	42.8347	105.5019815	105.501866	0.905330	105.565900	
2010	138	400	138.166666667	05/18/2010 4:00	05/18/2010 3:00	90.975	1.29305	0.392	16.6	0.428	12.92	42.8202	105.5063911	105.506276	0.909750	105.570320	
2010	138	500	138.208333333	05/18/2010 5:00	05/18/2010 4:00	91.247	1.29691	0.392	16.6	0.428	12.92	42.8113	105.5091048	105.508989	0.912470	105.573040	
2010	138	600	138.250000000	05/18/2010 6:00	05/18/2010 5:00	91.65	1.30264	0.392	16.6	0.428	12.91	42.7981	105.5131253	105.513010	0.916500	105.577070	
2010	138	700	138.291666667	05/18/2010 7:00	05/18/2010 6:00	92.19	1.31032	0.392	16.6	0.428	12.93	42.7805	105.5185127	105.518397	0.921900	105.582470	
2010	138	800	138.333333333	05/18/2010 8:00	05/18/2010 7:00	92.948	1.32109	0.392	16.6	0.428	13.65	42.7557	105.526075	105.525960	0.929480	105.590050	
2010	138	900	138.375000000	05/18/2010 9:00	05/18/2010 8:00	93.21	1.32481	0.392	16.59	0.428	13.67	42.7471	105.5286888	105.528574	0.932100	105.592670	
2010	138	1000	138.416666667	05/18/2010 10:00	05/18/2010 9:00	93.48	1.32865	0.392	16.59	0.428	13.66	42.7382	105.5313825	105.531267	0.934800	105.595370	
2010	138	1100	138.458333333	05/18/2010 11:00	05/18/2010 10:00	93.819	1.33347	0.392	16.59	0.428	13.63	42.7272	105.5347646	105.534649	0.938190	105.598760	
2010	138	1200	138.500000000	05/18/2010 12:00	05/18/2010 11:00	93.927	1.33501	0.392	16.59	0.428	13.54	42.7236	105.5358421	105.535727	0.939270	105.599840	
2010	138	1300	138.541666667	05/18/2010 13:00	05/18/2010 12:00	94.662	1.34545	0.391	16.61	0.427	13.5	42.6996	105.5431749	105.543060	0.946620	105.607190	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	138	1400	138.583333333	05/18/2010 14:00	05/18/2010 13:00	95.433	1.35641	0.392	16.58	0.428	13.47	42.6743	105.5508668	105.550751	0.954330	105.614900	
2010	138	1500	138.625000000	05/18/2010 15:00	05/18/2010 14:00	95.612	1.35896	0.392	16.59	0.428	13.44	42.6685	105.5526527	105.552537	0.956120	105.616690	
2010	138	1600	138.666666667	05/18/2010 16:00	05/18/2010 15:00	95.583	1.35854	0.392	16.59	0.428	13.42	42.6694	105.5523633	105.552248	0.955830	105.616400	
2010	138	1700	138.708333333	05/18/2010 17:00	05/18/2010 16:00	96.286	1.36853	0.392	16.61	0.428	13.41	42.6464	105.5593769	105.559262	0.962860	105.623430	
2010	138	1800	138.750000000	05/18/2010 18:00	05/18/2010 17:00	96.872	1.37686	0.392	16.6	0.428	13.43	42.6272	105.5652232	105.565108	0.968720	105.629290	
2010	138	1900	138.791666667	05/18/2010 19:00	05/18/2010 18:00	97.563	1.38669	0.392	16.6	0.428	13.28	42.6046	105.572117	105.572002	0.975630	105.636200	
2010	138	2000	138.833333333	05/18/2010 20:00	05/18/2010 19:00	97.777	1.38973	0.392	16.6	0.428	13.19	42.5976	105.574252	105.574137	0.977770	105.638340	
2010	138	2100	138.875000000	05/18/2010 21:00	05/18/2010 20:00	97.976	1.39256	0.392	16.59	0.428	13.13	42.5911	105.5762373	105.576122	0.979760	105.640330	
2010	138	2200	138.916666667	05/18/2010 22:00	05/18/2010 21:00	98.153	1.39507	0.392	16.59	0.428	13.08	42.5853	105.5780032	105.577888	0.981530	105.642100	
2010	138	2300	138.958333333	05/18/2010 23:00	05/18/2010 22:00	98.067	1.39385	0.392	16.58	0.428	13.05	42.5881	105.5771452	105.577030	0.980670	105.641240	
2010	138	2400	139.000000000	05/19/2010 0:00	05/18/2010 23:00	97.921	1.39177	0.392	16.6	0.428	13.02	42.5929	105.5756886	105.575573	0.979210	105.639780	
2010	139	100	139.041666667	05/19/2010 1:00	05/19/2010 0:00	97.95	1.39219	0.392	16.61	0.428	13	42.5919	105.575978	105.575863	0.979500	105.640070	
2010	139	200	139.083333333	05/19/2010 2:00	05/19/2010 1:00	97.729	1.38904	0.392	16.58	0.428	12.98	42.5992	105.5737731	105.573658	0.977290	105.637860	
2010	139	300	139.125000000	05/19/2010 3:00	05/19/2010 2:00	97.563	1.38669	0.392	16.59	0.428	12.97	42.6046	105.572117	105.572002	0.975630	105.636200	
2010	139	400	139.166666667	05/19/2010 4:00	05/19/2010 3:00	97.182	1.38127	0.393	16.6	0.429	12.95	42.6171	105.5683159	105.568201	0.971820	105.632390	
2010	139	500	139.208333333	05/19/2010 5:00	05/19/2010 4:00	96.775	1.37549	0.393	16.6	0.429	12.94	42.6304	105.5642554	105.564140	0.967750	105.628320	
2010	139	600	139.250000000	05/19/2010 6:00	05/19/2010 5:00	96.982	1.37843	0.393	16.61	0.429	13.7	42.6236	105.5663206	105.566205	0.969820	105.630390	
2010	139	700	139.291666667	05/19/2010 7:00	05/19/2010 6:00	95.826	1.36200	0.393	16.59	0.429	13.68	42.6615	105.5547876	105.554672	0.958260	105.618830	
2010	139	800	139.333333333	05/19/2010 8:00	05/19/2010 7:00	95.171	1.35269	0.393	16.59	0.429	13.62	42.6829	105.548253	105.548138	0.951710	105.612280	
2010	139	900	139.375000000	05/19/2010 9:00	05/19/2010 8:00	94.645	1.34521	0.393	16.6	0.429	13.57	42.7001	105.5430053	105.542890	0.946450	105.607020	
2010	139	1000	139.416666667	05/19/2010 10:00	05/19/2010 9:00	94.63	1.34500	0.393	16.6	0.429	13.52	42.7006	105.5428556	105.542740	0.946300	105.606870	
2010	139	1100	139.458333333	05/19/2010 11:00	05/19/2010 10:00	94.033	1.33651	0.393	16.59	0.429	13.48	42.7201	105.5368996	105.536784	0.940330	105.600900	
2010	139	1200	139.500000000	05/19/2010 12:00	05/19/2010 11:00	94.119	1.33773	0.393	16.6	0.429	13.45	42.7173	105.5377576	105.537642	0.941190	105.601760	
2010	139	1300	139.541666667	05/19/2010 13:00	05/19/2010 12:00	93.565	1.32986	0.393	16.58	0.429	13.45	42.7355	105.5322305	105.532115	0.935650	105.596220	
2010	139	1400	139.583333333	05/19/2010 14:00	05/19/2010 13:00	92.602	1.31617	0.393	16.59	0.429	13.41	42.7670	105.5226231	105.522508	0.926020	105.586590	
2010	139	1500	139.625000000	05/19/2010 15:00	05/19/2010 14:00	92.874	1.32004	0.393	16.59	0.429	13.39	42.7581	105.5253367	105.525221	0.928740	105.589310	
2010	139	1600	139.666666667	05/19/2010 16:00	05/19/2010 15:00	93.353	1.32685	0.393	16.59	0.429	13.39	42.7424	105.5301155	105.530000	0.933530	105.594100	
2010	139	1700	139.708333333	05/19/2010 17:00	05/19/2010 16:00	93.715	1.33199	0.393	16.61	0.429	13.45	42.7306	105.533727	105.533612	0.937150	105.597720	
2010	139	1800	139.750000000	05/19/2010 18:00	05/19/2010 17:00	94.353	1.34106	0.393	16.58	0.429	13.26	42.7097	105.5400921	105.539977	0.943530	105.604100	
2010	139	1900	139.791666667	05/19/2010 19:00	05/19/2010 18:00	94.574	1.34420	0.393	16.6	0.429	13.22	42.7024	105.5422969	105.542182	0.945740	105.606310	
2010	139	2000	139.833333333	05/19/2010 20:00	05/19/2010 19:00	95.144	1.35230	0.393	16.6	0.429	13.15	42.6838	105.5479836	105.547868	0.951440	105.612010	
2010	139	2100	139.875000000	05/19/2010 21:00	05/19/2010 20:00	95.429	1.35635	0.393	16.59	0.429	13.11	42.6745	105.5508269	105.550712	0.954290	105.614860	
2010	139	2200	139.916666667	05/19/2010 22:00	05/19/2010 21:00	95.759	1.36104	0.393	16.61	0.429	13.07	42.6637	105.5541192	105.554004	0.957590	105.618160	
2010	139	2300	139.958333333	05/19/2010 23:00	05/19/2010 22:00	96.174	1.36694	0.393	16.58	0.429	13.04	42.6501	105.5582595	105.558144	0.961740	105.622310	
2010	139	2400	140.000000000	05/20/2010 0:00	05/19/2010 23:00	96.075	1.36554	0.393	16.6	0.429	13	42.6533	105.5572718	105.557156	0.960750	105.621320	
2010	140	100	140.041666667	05/20/2010 1:00	05/20/2010 0:00	96.035	1.36497	0.393	16.6	0.429	12.98	42.6546	105.5568728	105.556757	0.960350	105.620920	
2010	140	200	140.083333333	05/20/2010 2:00	05/20/2010 1:00	96.24	1.36788	0.393	16.6	0.429	12.97	42.6479	105.558918	105.558803	0.962400	105.622970	
2010	140	300	140.125000000	05/20/2010 3:00	05/20/2010 2:00	96.312	1.36890	0.393	16.58	0.429	12.94	42.6456	105.5596363	105.559521	0.963120	105.623690	
2010	140	400	140.166666667	05/20/2010 4:00	05/20/2010 3:00	96.207	1.36741	0.393	16.58	0.429	12.93	42.6490	105.5585887	105.558473	0.962070	105.622640	
2010	140	500	140.208333333	05/20/2010 5:00	05/20/2010 4:00	96.256	1.36811	0.393	16.61	0.429	12.92	42.6474	105.5590776	105.558962	0.962560	105.623130	
2010	140	600	140.250000000	05/20/2010 6:00	05/20/2010 5:00	96.605	1.37307	0.393	16.58	0.429	13.77	42.6360	105.5625594	105.562444	0.966050	105.626620	
2010	140	700	140.291666667	05/20/2010 7:00	05/20/2010 6:00	96.627	1.37338	0.393	16.58	0.429	13.76	42.6352	105.5627789	105.562664	0.966270	105.626840	
2010	140	800	140.333333333	05/20/2010 8:00	05/20/2010 7:00	96.639	1.37355	0.393	16.6	0.429	13.76	42.6348	105.5628986	105.562783	0.966390	105.626960	
2010	140	900	140.375000000	05/20/2010 9:00	05/20/2010 8:00	96.308	1.36885	0.393	16.59	0.429	13.74	42.6457	105.5595964	105.559481	0.963080	105.623650	
2010	140	1000	140.416666667	05/20/2010 10:00	05/20/2010 9:00	96.312	1.36890	0.393	16.59	0.429	13.68	42.6456	105.5596363	105.559521	0.963120	105.623690	
2010	140	1100	140.458333333	05/20/2010 11:00	05/20/2010 10:00	96.514	1.37178	0.393	16.6	0.429	13.64	42.6389	105.5616515	105.561536	0.965140	105.625710	
2010	140	1200	140.500000000	05/20/2010 12:00	05/20/2010 11:00	96.936	1.37777	0.393	16.59	0.429	13.61	42.6251	105.5658617	105.565746	0.969360	105.629930	
2010	140	1300	140.541666667	05/20/2010 13:00	05/20/2010 12:00	96.517	1.37182	0.393	16.6	0.429	13.61	42.6388	105.5616815	105.561566	0.965170	105.625740	
2010	140	1400	140.583333333	05/20/2010 14:00	05/20/2010 13:00	96.739	1.37497	0.393	16.6	0.429	13.58	42.6316	105.5638963	105.563781	0.967390	105.627960	
2010	140	1500	140.625000000	05/20/2010 15:00	05/20/2010 14:00	96.07	1.36546	0.393	16.59	0.429	13.57	42.6535	105.5572219	105.557107	0.960700	105.621270	
2010	140	1600	140.666666667	05/20/2010 16:00	05/20/2010 15:00	96.598	1.37297	0.393	16.6	0.429	13.56	42.6362	105.5624896	105.562374	0.965980	105.626550	
2010	140	1700	140.708333333	05/20/2010 17:00	05/20/2010 16:00	97.205	1.38160	0.393	16.59	0.429	13.57	42.6163	105.5685454	105.568430	0.972050	105.632620	
2010	140	1800	140.750000000	05/20/2010 18:00	05/20/2010 17:00	96.94	1.37783	0.393	16.6	0.429	13.61	42.6250	105.5659016	105.565786	0.969400	105.629970	
2010	140	1900	140.791666667	05/20/2010 19:00	05/20/2010 18:00	97.355	1.38373	0.393	16.58	0.429	13.48	42.6114	105.5700419	105.569927	0.973550	105.634120	
2010	140	2000	140.833333333	05/20/2010 20:00	05/20/2010 19:00	97.754	1.38940	0.393	16.59	0.429	13.37	42.5984	105.5740225	105.573907	0.977540	105.638110	
2010	140	2100	140.875000000	05/20/2010 21:00	05/20/2010 20:00	98.123	1.39464	0.393	16.61	0.429	13.29	42.5863	105.5777039	105.577589	0.981230	105.641800	
2010	140	2200	140.916666667	05/20/2010 22:00	05/20/2010 21:00	98.637	1.40195	0.393	16.59	0.429	13.23	42.5694	105.5828319	105.582717	0.986370	105.646940	
2010	140	2300	140.958333333	05/20/2010 23:00	05/20/2010 22:00	99.06	1.40796	0.392	16.58	0.428	13.18	42.5556	105.587052	105.586937	0.990600	105.651170	
2010	140	2400	141.000000000	05/21/2010 0:00	05/20/2010 23:00	99.468	1.41376	0.392	16.6	0.428	13.12	42.5422	105.5911224	105.591007	0.994680	105.655250	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	141	100	141.041666667	05/21/2010 1:00	05/21/2010 0:00	99.982	1.42107	0.392	16.59	0.428	13.09	42.5254	105.5962504	105.596135	0.999820	105.660390	
2010	141	200	141.083333333	05/21/2010 2:00	05/21/2010 1:00	100.49	1.42829	0.392	16.57	0.428	13.05	42.5088	105.6013185	105.601203	1.004900	105.665470	
2010	141	300	141.125000000	05/21/2010 3:00	05/21/2010 2:00	100.9	1.43411	0.392	16.58	0.428	13.01	42.4954	105.6054089	105.605294	1.009000	105.669570	
2010	141	400	141.166666667	05/21/2010 4:00	05/21/2010 3:00	101.21	1.43852	0.392	16.59	0.428	12.98	42.4852	105.6085017	105.608386	1.012100	105.672670	
2010	141	500	141.208333333	05/21/2010 5:00	05/21/2010 4:00	101.55	1.44335	0.392	16.61	0.428	12.96	42.4741	105.6118937	105.611778	1.015500	105.676070	
2010	141	600	141.250000000	05/21/2010 6:00	05/21/2010 5:00	101.74	1.44605	0.392	16.59	0.429	13.89	42.4679	105.6137893	105.613674	1.017400	105.677970	
2010	141	700	141.291666667	05/21/2010 7:00	05/21/2010 6:00	102.04	1.45032	0.392	16.59	0.428	13.85	42.4581	105.6167823	105.616667	1.020400	105.680970	
2010	141	800	141.333333333	05/21/2010 8:00	05/21/2010 7:00	102.36	1.45487	0.392	16.61	0.428	13.8	42.4476	105.6199748	105.619859	1.023600	105.684170	
2010	141	900	141.375000000	05/21/2010 9:00	05/21/2010 8:00	102.73	1.46012	0.393	16.6	0.428	13.75	42.4355	105.6236661	105.623551	1.027300	105.687870	
2010	141	1000	141.416666667	05/21/2010 10:00	05/21/2010 9:00	103.7	1.47391	0.392	16.6	0.428	13.72	42.4037	105.6333434	105.633228	1.037000	105.697570	
2010	141	1100	141.458333333	05/21/2010 11:00	05/21/2010 10:00	103.93	1.47718	0.393	16.59	0.429	13.72	42.3962	105.635638	105.635523	1.039300	105.699870	
2010	141	1200	141.500000000	05/21/2010 12:00	05/21/2010 11:00	103.71	1.47405	0.393	16.59	0.429	13.74	42.4034	105.6334432	105.633328	1.037100	105.697670	
2010	141	1300	141.541666667	05/21/2010 13:00	05/21/2010 12:00	104.14	1.48017	0.393	16.6	0.429	13.68	42.3893	105.6377331	105.637618	1.041400	105.701970	
2010	141	1400	141.583333333	05/21/2010 14:00	05/21/2010 13:00	104.74	1.48869	0.393	16.6	0.429	13.65	42.3697	105.6437191	105.643604	1.047399	105.707970	
2010	141	1500	141.625000000	05/21/2010 15:00	05/21/2010 14:00	105.93	1.50561	0.393	16.59	0.429	13.62	42.3307	105.6555913	105.655476	1.059299	105.719870	
2010	141	1600	141.666666667	05/21/2010 16:00	05/21/2010 15:00	105.39	1.49793	0.393	16.6	0.429	13.6	42.3484	105.6502039	105.650089	1.053899	105.714470	
2010	141	1700	141.708333333	05/21/2010 17:00	05/21/2010 16:00	105.95	1.50589	0.393	16.58	0.429	13.62	42.3301	105.6557908	105.655675	1.059499	105.720070	
2010	141	1800	141.750000000	05/21/2010 18:00	05/21/2010 17:00	106.88	1.51911	0.393	16.59	0.43	13.63	42.2996	105.665069	105.664954	1.068799	105.729370	
2010	141	1900	141.791666667	05/21/2010 19:00	05/21/2010 18:00	107.5	1.52792	0.393	16.6	0.43	13.6	42.2793	105.6712545	105.671139	1.074999	105.735570	
2010	141	2000	141.833333333	05/21/2010 20:00	05/21/2010 19:00	107.95	1.53432	0.393	16.59	0.429	13.44	42.2646	105.675744	105.675629	1.079499	105.740070	
2010	141	2100	141.875000000	05/21/2010 21:00	05/21/2010 20:00	108.44	1.54128	0.393	16.6	0.429	13.35	42.2486	105.6806325	105.680517	1.084399	105.744970	
2010	141	2200	141.916666667	05/21/2010 22:00	05/21/2010 21:00	108.86	1.54725	0.394	16.59	0.43	13.28	42.2348	105.6848227	105.684707	1.088599	105.749170	
2010	141	2300	141.958333333	05/21/2010 23:00	05/21/2010 22:00	109.09	1.55052	0.394	16.59	0.43	13.21	42.2273	105.6871173	105.687002	1.090899	105.751470	
2010	141	2400	142.000000000	05/22/2010 0:00	05/21/2010 23:00	109.28	1.55322	0.393	16.59	0.43	13.16	42.2211	105.6890129	105.688898	1.092799	105.753370	
2010	142	100	142.041666667	05/22/2010 1:00	05/22/2010 0:00	109.4	1.55493	0.393	16.61	0.43	13.12	42.2172	105.6902101	105.690095	1.093999	105.754570	
2010	142	200	142.083333333	05/22/2010 2:00	05/22/2010 1:00	109.58	1.55749	0.394	16.59	0.43	13.08	42.2113	105.6920059	105.691891	1.095799	105.756370	
2010	142	300	142.125000000	05/22/2010 3:00	05/22/2010 2:00	109.71	1.55933	0.394	16.58	0.43	13.04	42.2070	105.6933028	105.693187	1.097099	105.757670	
2010	142	400	142.166666667	05/22/2010 4:00	05/22/2010 3:00	109.76	1.56004	0.394	16.59	0.43	13	42.2054	105.6938016	105.693686	1.097599	105.758170	
2010	142	500	142.208333333	05/22/2010 5:00	05/22/2010 4:00	109.45	1.55564	0.394	16.58	0.43	13.01	42.2155	105.6907089	105.690594	1.094499	105.755070	
2010	142	600	142.250000000	05/22/2010 6:00	05/22/2010 5:00	109.64	1.55834	0.393	16.59	0.43	13.88	42.2093	105.6926045	105.692489	1.096399	105.756970	
2010	142	700	142.291666667	05/22/2010 7:00	05/22/2010 6:00	109.15	1.55137	0.393	16.57	0.43	13.83	42.2253	105.6877159	105.687601	1.091499	105.752070	
2010	142	800	142.333333333	05/22/2010 8:00	05/22/2010 7:00	108.98	1.54896	0.393	16.59	0.43	13.75	42.2309	105.6860199	105.685905	1.089799	105.750370	
2010	142	900	142.375000000	05/22/2010 9:00	05/22/2010 8:00	109.29	1.55336	0.393	16.59	0.43	13.68	42.2208	105.6891126	105.688997	1.092899	105.753470	
2010	142	1000	142.416666667	05/22/2010 10:00	05/22/2010 9:00	108.71	1.54512	0.394	16.6	0.43	13.65	42.2397	105.6833262	105.683211	1.087099	105.747670	
2010	142	1100	142.458333333	05/22/2010 11:00	05/22/2010 10:00	108.23	1.53830	0.394	16.6	0.43	13.62	42.2555	105.6785374	105.678422	1.082299	105.742870	
2010	142	1200	142.500000000	05/22/2010 12:00	05/22/2010 11:00	108.55	1.54285	0.394	16.6	0.43	13.58	42.2450	105.68173	105.681615	1.085499	105.746070	
2010	142	1300	142.541666667	05/22/2010 13:00	05/22/2010 12:00	106.99	1.52067	0.395	16.58	0.431	13.56	42.2960	105.6661665	105.666051	1.069899	105.730470	
2010	142	1400	142.583333333	05/22/2010 14:00	05/22/2010 13:00	108.18	1.53759	0.395	16.58	0.431	13.52	42.2571	105.6780386	105.677923	1.081799	105.742370	
2010	142	1500	142.625000000	05/22/2010 15:00	05/22/2010 14:00	107.18	1.52337	0.394	16.59	0.431	13.52	42.2898	105.668062	105.667947	1.071799	105.732370	
2010	142	1600	142.666666667	05/22/2010 16:00	05/22/2010 15:00	106.78	1.51769	0.394	16.59	0.43	13.52	42.3029	105.6640714	105.663956	1.067799	105.728370	
2010	142	1700	142.708333333	05/22/2010 17:00	05/22/2010 16:00	106.79	1.51783	0.394	16.58	0.43	13.51	42.3026	105.6641711	105.664056	1.067899	105.728470	
2010	142	1800	142.750000000	05/22/2010 18:00	05/22/2010 17:00	106.88	1.51911	0.394	16.59	0.43	13.51	42.2996	105.665069	105.664954	1.068799	105.729370	
2010	142	1900	142.791666667	05/22/2010 19:00	05/22/2010 18:00	106.74	1.51712	0.394	16.58	0.43	13.39	42.3042	105.6636723	105.663557	1.067399	105.727970	
2010	142	2000	142.833333333	05/22/2010 20:00	05/22/2010 19:00	106.67	1.51612	0.394	16.59	0.43	13.29	42.3065	105.6629739	105.662859	1.066699	105.727270	
2010	142	2100	142.875000000	05/22/2010 21:00	05/22/2010 20:00	106.64	1.51570	0.394	16.59	0.43	13.22	42.3075	105.6626746	105.662559	1.066399	105.726970	
2010	142	2200	142.916666667	05/22/2010 22:00	05/22/2010 21:00	106.64	1.51570	0.394	16.57	0.43	13.16	42.3075	105.6626746	105.662559	1.066399	105.726970	
2010	142	2300	142.958333333	05/22/2010 23:00	05/22/2010 22:00	106.65	1.51584	0.394	16.6	0.43	13.1	42.3072	105.6627744	105.662659	1.066499	105.727070	
2010	142	2400	143.000000000	05/23/2010 0:00	05/22/2010 23:00	106.26	1.51030	0.394	16.58	0.43	13.06	42.3199	105.6588835	105.658768	1.062599	105.723170	
2010	143	100	143.041666667	05/23/2010 1:00	05/23/2010 0:00	106.06	1.50745	0.394	16.57	0.431	13.02	42.3265	105.6568882	105.656773	1.060599	105.721170	
2010	143	200	143.083333333	05/23/2010 2:00	05/23/2010 1:00	105.83	1.50419	0.394	16.58	0.431	12.99	42.3340	105.6545936	105.654478	1.058299	105.718870	
2010	143	300	143.125000000	05/23/2010 3:00	05/23/2010 2:00	105.37	1.49765	0.394	16.56	0.431	12.95	42.3491	105.6500044	105.649889	1.053699	105.714270	
2010	143	400	143.166666667	05/23/2010 4:00	05/23/2010 3:00	105.08	1.49353	0.394	16.57	0.431	12.93	42.3586	105.6471111	105.646996	1.050799	105.711370	
2010	143	500	143.208333333	05/23/2010 5:00	05/23/2010 4:00	104.27	1.48201	0.394	16.58	0.43	12.93	42.3851	105.6390301	105.638915	1.042700	105.703270	
2010	143	600	143.250000000	05/23/2010 6:00	05/23/2010 5:00	104.07	1.47917	0.394	16.6	0.43	13.85	42.3916	105.6370348	105.636919	1.040700	105.701270	
2010	143	700	143.291666667	05/23/2010 7:00	05/23/2010 6:00	103.46	1.47050	0.394	16.57	0.43	13.82	42.4116	105.630949	105.630834	1.034600	105.695170	
2010	143	800	143.333333333	05/23/2010 8:00	05/23/2010 7:00	102.83	1.46155	0.393	16.59	0.43	13.8	42.4322	105.6246638	105.624548	1.028300	105.688870	
2010	143	900	143.375000000	05/23/2010 9:00	05/23/2010 8:00	102.87	1.46211	0.394	16.58	0.43	13.73	42.4309	105.6250628	105.624947	1.028700	105.689270	
2010	143	1000	143.416666667	05/23/2010 10:00	05/23/2010 9:00	102.45	1.45615	0.394	16.59	0.43	13.66	42.4446	105.6208727	105.620757	1.024500	105.685070	
2010	143	1100	143.458333333	05/23/2010 11:00	05/23/2010 10:00	101.85	1.44762	0.393	16.6	0.43	13.64	42.4643	105.6148867	105.614771	1.018500	105.679070	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	143	1200	143.500000000	05/23/2010 12:00	05/23/2010 11:00	101.3	1.43980	0.393	16.59	0.43	13.62	42.4823	105.6093996	105.609284	1.013000	105.673570	
2010	143	1300	143.541666667	05/23/2010 13:00	05/23/2010 12:00	100.92	1.43440	0.393	16.6	0.429	13.6	42.4947	105.6056085	105.605493	1.009200	105.669770	
2010	143	1400	143.583333333	05/23/2010 14:00	05/23/2010 13:00	99.99	1.42118	0.394	16.59	0.43	13.58	42.5252	105.5963302	105.596215	0.999900	105.660470	
2010	143	1500	143.625000000	05/23/2010 15:00	05/23/2010 14:00	100.6	1.42985	0.394	16.59	0.43	13.57	42.5052	105.602416	105.602301	1.006000	105.666570	
2010	143	1600	143.666666667	05/23/2010 16:00	05/23/2010 15:00	100.27	1.42516	0.394	16.59	0.43	13.57	42.5160	105.5991237	105.599008	1.002700	105.663270	
2010	143	1700	143.708333333	05/23/2010 17:00	05/23/2010 16:00	99.814	1.41868	0.394	16.59	0.43	13.59	42.5309	105.5945743	105.594459	0.998140	105.658710	
2010	143	1800	143.750000000	05/23/2010 18:00	05/23/2010 17:00	100.12	1.42303	0.394	16.59	0.43	13.61	42.5209	105.5976272	105.597512	1.001200	105.661770	
2010	143	1900	143.791666667	05/23/2010 19:00	05/23/2010 18:00	99.53	1.41464	0.394	16.6	0.43	13.46	42.5402	105.591741	105.591626	0.995300	105.655870	
2010	143	2000	143.833333333	05/23/2010 20:00	05/23/2010 19:00	99.177	1.40963	0.394	16.59	0.431	13.35	42.5518	105.5882192	105.588104	0.991770	105.652340	
2010	143	2100	143.875000000	05/23/2010 21:00	05/23/2010 20:00	98.823	1.40459	0.394	16.6	0.43	13.27	42.5634	105.5846875	105.584572	0.988230	105.648800	
2010	143	2200	143.916666667	05/23/2010 22:00	05/23/2010 21:00	98.435	1.39908	0.395	16.6	0.431	13.21	42.5761	105.5808166	105.580701	0.984350	105.644920	
2010	143	2300	143.958333333	05/23/2010 23:00	05/23/2010 22:00	98.15	1.39503	0.395	16.58	0.431	13.16	42.5854	105.5779733	105.577858	0.981500	105.642070	
2010	143	2400	144.000000000	05/24/2010 0:00	05/23/2010 23:00	97.797	1.39001	0.395	16.6	0.431	13.12	42.5969	105.5744515	105.574336	0.977970	105.638540	
2010	144	100	144.041666667	05/24/2010 1:00	05/24/2010 0:00	97.677	1.38831	0.395	16.6	0.431	13.06	42.6009	105.5732543	105.573139	0.976770	105.637340	
2010	144	200	144.083333333	05/24/2010 2:00	05/24/2010 1:00	97.487	1.38560	0.395	16.57	0.432	13.03	42.6071	105.5713588	105.571243	0.974870	105.635440	
2010	144	300	144.125000000	05/24/2010 3:00	05/24/2010 2:00	97.401	1.38438	0.395	16.6	0.431	12.99	42.6099	105.5705008	105.570385	0.974010	105.634580	
2010	144	400	144.166666667	05/24/2010 4:00	05/24/2010 3:00	97.384	1.38414	0.395	16.59	0.431	12.96	42.6105	105.5703312	105.570216	0.973840	105.634410	
2010	144	500	144.208333333	05/24/2010 5:00	05/24/2010 4:00	97.03	1.37911	0.395	16.61	0.432	12.93	42.6220	105.5667995	105.566684	0.970300	105.630870	
2010	144	600	144.250000000	05/24/2010 6:00	05/24/2010 5:00	97.135	1.38060	0.396	16.6	0.432	13.03	42.6186	105.567847	105.567732	0.971350	105.631920	
2010	144	700	144.291666667	05/24/2010 7:00	05/24/2010 6:00	96.724	1.37476	0.396	16.59	0.432	13.76	42.6321	105.5637466	105.563631	0.967240	105.627810	
2010	144	800	144.333333333	05/24/2010 8:00	05/24/2010 7:00	96.502	1.37160	0.395	16.59	0.432	13.74	42.6393	105.5615318	105.561416	0.965020	105.625590	
2010	144	900	144.375000000	05/24/2010 9:00	05/24/2010 8:00	96.592	1.37288	0.396	16.59	0.432	13.67	42.6364	105.5624297	105.562314	0.965920	105.626490	
2010	144	1000	144.416666667	05/24/2010 10:00	05/24/2010 9:00	96.34	1.36930	0.396	16.61	0.432	13.62	42.6446	105.5599156	105.559800	0.963400	105.623970	
2010	144	1100	144.458333333	05/24/2010 11:00	05/24/2010 10:00	96.464	1.37106	0.396	16.6	0.432	13.57	42.6406	105.5611527	105.561037	0.964640	105.625210	
2010	144	1200	144.500000000	05/24/2010 12:00	05/24/2010 11:00	95.918	1.36330	0.396	16.61	0.432	13.54	42.6584	105.5557055	105.555590	0.959180	105.619750	
2010	144	1300	144.541666667	05/24/2010 13:00	05/24/2010 12:00	96.248	1.36799	0.396	16.59	0.432	13.54	42.6476	105.5589978	105.558882	0.962480	105.623050	
2010	144	1400	144.583333333	05/24/2010 14:00	05/24/2010 13:00	96.155	1.36667	0.396	16.6	0.432	13.52	42.6507	105.5580699	105.557955	0.961550	105.622120	
2010	144	1500	144.625000000	05/24/2010 15:00	05/24/2010 14:00	96.595	1.37293	0.396	16.6	0.432	13.47	42.6363	105.5624597	105.562344	0.965950	105.626520	
2010	144	1600	144.666666667	05/24/2010 16:00	05/24/2010 15:00	96.575	1.37264	0.396	16.61	0.432	13.45	42.6369	105.5622601	105.562145	0.965750	105.626320	
2010	144	1700	144.708333333	05/24/2010 17:00	05/24/2010 16:00	97.386	1.38417	0.395	16.6	0.432	13.46	42.6104	105.5703511	105.570236	0.973860	105.634430	
2010	144	1800	144.750000000	05/24/2010 18:00	05/24/2010 17:00	97.793	1.38995	0.395	16.59	0.432	13.49	42.5971	105.5744116	105.574296	0.977930	105.638500	
2010	144	1900	144.791666667	05/24/2010 19:00	05/24/2010 18:00	97.969	1.39246	0.396	16.6	0.432	13.36	42.5913	105.5761675	105.576052	0.979690	105.640260	
2010	144	2000	144.833333333	05/24/2010 20:00	05/24/2010 19:00	98.58	1.40114	0.396	16.6	0.432	13.26	42.5713	105.5822632	105.582148	0.985800	105.646370	
2010	144	2100	144.875000000	05/24/2010 21:00	05/24/2010 20:00	98.957	1.40650	0.396	16.6	0.432	13.19	42.5590	105.5860244	105.585909	0.989570	105.650140	
2010	144	2200	144.916666667	05/24/2010 22:00	05/24/2010 21:00	99.427	1.41318	0.396	16.59	0.432	13.13	42.5436	105.5907134	105.590598	0.994270	105.654840	
2010	144	2300	144.958333333	05/24/2010 23:00	05/24/2010 22:00	99.923	1.42023	0.396	16.6	0.432	13.08	42.5274	105.5956618	105.595546	0.999230	105.659800	
2010	144	2400	145.000000000	05/25/2010 0:00	05/24/2010 23:00	100.24	1.42473	0.396	16.6	0.432	13.04	42.5170	105.5988244	105.598709	1.002400	105.662970	
2010	145	100	145.041666667	05/25/2010 1:00	05/25/2010 0:00	100.69	1.43113	0.396	16.6	0.432	13.01	42.5023	105.6033138	105.603198	1.006900	105.667470	
2010	145	200	145.083333333	05/25/2010 2:00	05/25/2010 1:00	101.07	1.43653	0.396	16.59	0.432	12.97	42.4898	105.607105	105.606990	1.010700	105.671270	
2010	145	300	145.125000000	05/25/2010 3:00	05/25/2010 2:00	101.55	1.44335	0.395	16.59	0.432	12.94	42.4741	105.6118937	105.611778	1.015500	105.676070	
2010	145	400	145.166666667	05/25/2010 4:00	05/25/2010 3:00	101.84	1.44748	0.395	16.59	0.432	12.91	42.4646	105.6147869	105.614672	1.018400	105.678970	
2010	145	500	145.208333333	05/25/2010 5:00	05/25/2010 4:00	101.88	1.44804	0.395	16.59	0.431	12.95	42.4633	105.615186	105.615071	1.018800	105.679370	
2010	145	600	145.250000000	05/25/2010 6:00	05/25/2010 5:00	102.02	1.45003	0.395	16.6	0.431	13.76	42.4587	105.6165827	105.616467	1.020200	105.680770	
2010	145	700	145.291666667	05/25/2010 7:00	05/25/2010 6:00	102.13	1.45160	0.395	16.6	0.431	13.72	42.4551	105.6176802	105.617565	1.021300	105.681870	
2010	145	800	145.333333333	05/25/2010 8:00	05/25/2010 7:00	102.78	1.46084	0.395	16.61	0.431	13.65	42.4338	105.6241649	105.624050	1.027800	105.688370	
2010	145	900	145.375000000	05/25/2010 9:00	05/25/2010 8:00	102.34	1.45458	0.395	16.59	0.431	13.57	42.4482	105.6197752	105.619660	1.023400	105.683970	
2010	145	1000	145.416666667	05/25/2010 10:00	05/25/2010 9:00	101.74	1.44605	0.394	16.6	0.43	13.52	42.4679	105.6137893	105.613674	1.017400	105.677970	
2010	145	1100	145.458333333	05/25/2010 11:00	05/25/2010 10:00	102.21	1.45273	0.394	16.58	0.431	13.45	42.4525	105.6184783	105.618363	1.022100	105.682670	
2010	145	1200	145.500000000	05/25/2010 12:00	05/25/2010 11:00	102.46	1.45629	0.394	16.59	0.431	13.41	42.4443	105.6209724	105.620857	1.024600	105.685170	
2010	145	1300	145.541666667	05/25/2010 13:00	05/25/2010 12:00	102.39	1.45529	0.395	16.59	0.431	13.39	42.4466	105.6202741	105.620159	1.023900	105.684470	
2010	145	1400	145.583333333	05/25/2010 14:00	05/25/2010 13:00	102.88	1.46226	0.394	16.6	0.431	13.37	42.4306	105.6251626	105.625047	1.028800	105.689370	
2010	145	1500	145.625000000	05/25/2010 15:00	05/25/2010 14:00	102.55	1.45757	0.395	16.59	0.431	13.39	42.4414	105.6218703	105.621755	1.025500	105.686070	
2010	145	1600	145.666666667	05/25/2010 16:00	05/25/2010 15:00	102.86	1.46197	0.395	16.6	0.431	13.41	42.4312	105.6249631	105.624848	1.028600	105.689170	
2010	145	1700	145.708333333	05/25/2010 17:00	05/25/2010 16:00	102.62	1.45856	0.395	16.6	0.431	13.44	42.4391	105.6225687	105.622453	1.026200	105.686770	
2010	145	1800	145.750000000	05/25/2010 18:00	05/25/2010 17:00	102.55	1.45757	0.395	16.59	0.431	13.46	42.4414	105.6218703	105.621755	1.025500	105.686070	
2010	145	1900	145.791666667	05/25/2010 19:00	05/25/2010 18:00	102.4	1.45543	0.395	16.61	0.431	13.32	42.4463	105.6203738	105.620258	1.024000	105.684570	
2010	145	2000	145.833333333	05/25/2010 20:00	05/25/2010 19:00	102.23	1.45302	0.395	16.59	0.431	13.22	42.4518	105.6186778	105.618562	1.022300	105.682870	
2010	145	2100	145.875000000	05/25/2010 21:00	05/25/2010 20:00	102.13	1.45160	0.395	16.59	0.431	13.14	42.4551	105.6176802	105.617565	1.021300	105.681870	
2010	145	2200	145.916666667	05/25/2010 22:00	05/25/2010 21:00	102	1.44975	0.395	16.59	0.431	13.09	42.4594	105.6163832	105.616268	1.020000	105.680570	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	145	2300	145.958333333	05/25/2010 23:00	05/25/2010 22:00	101.96	1.44918	0.395	16.59	0.431	13.03	42.4607	105.6159841	105.615869	1.019600	105.680170	
2010	145	2400	146.000000000	05/26/2010 0:00	05/25/2010 23:00	102.18	1.45231	0.395	16.6	0.431	13	42.4535	105.618179	105.618064	1.021800	105.682370	
2010	146	100	146.041666667	05/26/2010 1:00	05/26/2010 0:00	102.37	1.45501	0.395	16.6	0.432	12.96	42.4473	105.6200745	105.619959	1.023700	105.684270	
2010	146	200	146.083333333	05/26/2010 2:00	05/26/2010 1:00	102.59	1.45813	0.395	16.6	0.432	12.93	42.4401	105.6222694	105.622154	1.025900	105.686470	
2010	146	300	146.125000000	05/26/2010 3:00	05/26/2010 2:00	102.76	1.46055	0.395	16.59	0.432	12.91	42.4345	105.6239654	105.623850	1.027600	105.688170	
2010	146	400	146.166666667	05/26/2010 4:00	05/26/2010 3:00	102.92	1.46283	0.395	16.61	0.432	12.9	42.4293	105.6255617	105.625446	1.029200	105.689770	
2010	146	500	146.208333333	05/26/2010 5:00	05/26/2010 4:00	102.95	1.46325	0.395	16.6	0.431	12.9	42.4283	105.625861	105.625746	1.029500	105.690070	
2010	146	600	146.250000000	05/26/2010 6:00	05/26/2010 5:00	102.95	1.46325	0.395	16.6	0.432	12.9	42.4283	105.625861	105.625746	1.029500	105.690070	
2010	146	700	146.291666667	05/26/2010 7:00	05/26/2010 6:00	102.7	1.45970	0.395	16.6	0.432	13.16	42.4365	105.6233668	105.623251	1.027000	105.687570	
2010	146	800	146.333333333	05/26/2010 8:00	05/26/2010 7:00	102.31	1.45416	0.395	16.6	0.431	13.72	42.4492	105.6194759	105.619361	1.023100	105.683670	
2010	146	900	146.375000000	05/26/2010 9:00	05/26/2010 8:00	101.83	1.44733	0.395	16.59	0.432	13.73	42.4649	105.6146872	105.614572	1.018300	105.678870	
2010	146	1000	146.416666667	05/26/2010 10:00	05/26/2010 9:00	101.04	1.43610	0.395	16.58	0.431	13.7	42.4908	105.6068057	105.606690	1.010400	105.670970	
2010	146	1100	146.458333333	05/26/2010 11:00	05/26/2010 10:00	100.44	1.42758	0.395	16.59	0.432	13.63	42.5104	105.6008197	105.600704	1.004400	105.664970	
2010	146	1200	146.500000000	05/26/2010 12:00	05/26/2010 11:00	99.619	1.41591	0.395	16.59	0.432	13.58	42.5373	105.5926289	105.592514	0.996190	105.656760	
2010	146	1300	146.541666667	05/26/2010 13:00	05/26/2010 12:00	98.555	1.40078	0.396	16.59	0.432	13.57	42.5721	105.5820138	105.581898	0.985550	105.646120	
2010	146	1400	146.583333333	05/26/2010 14:00	05/26/2010 13:00	98.812	1.40444	0.396	16.61	0.432	13.53	42.5637	105.5845778	105.584462	0.988120	105.648690	
2010	146	1500	146.625000000	05/26/2010 15:00	05/26/2010 14:00	96.912	1.37743	0.396	16.58	0.432	13.47	42.6259	105.5656222	105.565507	0.969120	105.629690	
2010	146	1600	146.666666667	05/26/2010 16:00	05/26/2010 15:00	97.241	1.38211	0.396	16.61	0.432	13.44	42.6151	105.5689045	105.568789	0.972410	105.632980	
2010	146	1700	146.708333333	05/26/2010 17:00	05/26/2010 16:00	97.41	1.38451	0.396	16.59	0.432	13.42	42.6096	105.5705906	105.570475	0.974100	105.634670	
2010	146	1800	146.750000000	05/26/2010 18:00	05/26/2010 17:00	96.89	1.37712	0.396	16.58	0.433	13.47	42.6266	105.5654028	105.565287	0.968900	105.629470	
2010	146	1900	146.791666667	05/26/2010 19:00	05/26/2010 18:00	96.709	1.37455	0.396	16.6	0.433	13.36	42.6326	105.563597	105.563482	0.967090	105.627660	
2010	146	2000	146.833333333	05/26/2010 20:00	05/26/2010 19:00	96.082	1.36564	0.397	16.59	0.433	13.25	42.6531	105.5573417	105.557226	0.960820	105.621390	
2010	146	2100	146.875000000	05/26/2010 21:00	05/26/2010 20:00	95.604	1.35884	0.397	16.6	0.433	13.17	42.6687	105.5525728	105.552457	0.956040	105.616610	
2010	146	2200	146.916666667	05/26/2010 22:00	05/26/2010 21:00	95.107	1.35178	0.396	16.59	0.433	13.11	42.6850	105.5476145	105.547499	0.951070	105.611640	
2010	146	2300	146.958333333	05/26/2010 23:00	05/26/2010 22:00	94.625	1.34493	0.396	16.59	0.433	13.07	42.7008	105.5428057	105.542690	0.946250	105.606820	
2010	146	2400	147.000000000	05/27/2010 0:00	05/26/2010 23:00	94.234	1.33937	0.397	16.61	0.433	13.02	42.7136	105.5389049	105.538790	0.942340	105.602910	
2010	147	100	147.041666667	05/27/2010 1:00	05/27/2010 0:00	93.875	1.33427	0.397	16.59	0.433	12.99	42.7253	105.5353233	105.535208	0.938750	105.599320	
2010	147	200	147.083333333	05/27/2010 2:00	05/27/2010 1:00	93.789	1.33304	0.397	16.59	0.433	12.96	42.7281	105.5344653	105.534350	0.937890	105.598460	
2010	147	300	147.125000000	05/27/2010 3:00	05/27/2010 2:00	93.857	1.33401	0.397	16.6	0.433	12.93	42.7259	105.5351437	105.535028	0.938570	105.599140	
2010	147	400	147.166666667	05/27/2010 4:00	05/27/2010 3:00	94.129	1.33788	0.397	16.61	0.433	12.91	42.7170	105.5378573	105.537742	0.941290	105.601860	
2010	147	500	147.208333333	05/27/2010 5:00	05/27/2010 4:00	94.342	1.34090	0.397	16.59	0.433	12.9	42.7100	105.5399824	105.539867	0.943420	105.603990	
2010	147	600	147.250000000	05/27/2010 6:00	05/27/2010 5:00	94.657	1.34538	0.397	16.6	0.433	13.14	42.6997	105.543125	105.543010	0.946570	105.607140	
2010	147	700	147.291666667	05/27/2010 7:00	05/27/2010 6:00	95.03	1.35068	0.397	16.6	0.433	13.73	42.6875	105.5468463	105.546731	0.950300	105.610870	
2010	147	800	147.333333333	05/27/2010 8:00	05/27/2010 7:00	95.46	1.35679	0.397	16.59	0.433	13.69	42.6734	105.5511362	105.551021	0.954600	105.615170	
2010	147	900	147.375000000	05/27/2010 9:00	05/27/2010 8:00	95.855	1.36241	0.396	16.61	0.433	13.67	42.6605	105.555077	105.554962	0.958550	105.619120	
2010	147	1000	147.416666667	05/27/2010 10:00	05/27/2010 9:00	96.254	1.36808	0.396	16.6	0.433	13.64	42.6474	105.5590576	105.558942	0.962540	105.623110	
2010	147	1100	147.458333333	05/27/2010 11:00	05/27/2010 10:00	96.692	1.37431	0.397	16.6	0.433	13.62	42.6331	105.5634274	105.563312	0.966920	105.627490	
2010	147	1200	147.500000000	05/27/2010 12:00	05/27/2010 11:00	97.061	1.37955	0.397	16.6	0.433	13.6	42.6210	105.5671088	105.566993	0.970610	105.631180	
2010	147	1300	147.541666667	05/27/2010 13:00	05/27/2010 12:00	97.715	1.38885	0.396	16.6	0.433	13.63	42.5996	105.5736334	105.573518	0.977150	105.637720	
2010	147	1400	147.583333333	05/27/2010 14:00	05/27/2010 13:00	97.678	1.38832	0.396	16.6	0.433	13.67	42.6008	105.5732643	105.573149	0.976780	105.637350	
2010	147	1500	147.625000000	05/27/2010 15:00	05/27/2010 14:00	97.813	1.39024	0.397	16.6	0.433	13.66	42.5964	105.5746112	105.574496	0.978130	105.638700	
2010	147	1600	147.666666667	05/27/2010 16:00	05/27/2010 15:00	98.024	1.39324	0.396	16.62	0.433	13.63	42.5895	105.5767162	105.576601	0.980240	105.640810	
2010	147	1700	147.708333333	05/27/2010 17:00	05/27/2010 16:00	97.762	1.38951	0.396	16.6	0.433	13.66	42.5981	105.5741023	105.573987	0.977620	105.638190	
2010	147	1800	147.750000000	05/27/2010 18:00	05/27/2010 17:00	97.213	1.38171	0.396	16.61	0.433	13.54	42.6161	105.5686252	105.568510	0.972130	105.632700	
2010	147	1900	147.791666667	05/27/2010 19:00	05/27/2010 18:00	96.928	1.37766	0.396	16.6	0.433	13.41	42.6254	105.5657819	105.565667	0.969280	105.629850	
2010	147	2000	147.833333333	05/27/2010 20:00	05/27/2010 19:00	96.164	1.36680	0.397	16.61	0.433	13.33	42.6504	105.5581597	105.558044	0.961640	105.622210	
2010	147	2100	147.875000000	05/27/2010 21:00	05/27/2010 20:00	95.553	1.35812	0.396	16.6	0.433	13.26	42.6704	105.552064	105.551949	0.955530	105.616100	
2010	147	2200	147.916666667	05/27/2010 22:00	05/27/2010 21:00	94.772	1.34702	0.396	16.6	0.433	13.2	42.6960	105.5442723	105.544157	0.947720	105.608290	
2010	147	2300	147.958333333	05/27/2010 23:00	05/27/2010 22:00	93.952	1.33536	0.396	16.61	0.433	13.15	42.7228	105.5360915	105.535976	0.939520	105.600090	
2010	147	2400	148.000000000	05/28/2010 0:00	05/27/2010 23:00	93.154	1.32402	0.396	16.61	0.433	13.1	42.7489	105.5281302	105.528015	0.931540	105.592110	
2010	148	100	148.041666667	05/28/2010 1:00	05/28/2010 0:00	92.462	1.31418	0.396	16.62	0.433	13.06	42.7716	105.5212263	105.521111	0.924620	105.585190	
2010	148	200	148.083333333	05/28/2010 2:00	05/28/2010 1:00	91.828	1.30517	0.396	16.59	0.432	13.02	42.7923	105.5149012	105.514786	0.918280	105.578850	
2010	148	300	148.125000000	05/28/2010 3:00	05/28/2010 2:00	91.288	1.29750	0.396	16.6	0.432	12.99	42.8100	105.5095138	105.509398	0.912880	105.573450	
2010	148	400	148.166666667	05/28/2010 4:00	05/28/2010 3:00	90.832	1.29102	0.396	16.59	0.432	12.95	42.8249	105.5049645	105.504849	0.908320	105.568890	
2010	148	500	148.208333333	05/28/2010 5:00	05/28/2010 4:00	90.328	1.28385	0.396	16.59	0.433	12.93	42.8414	105.4999363	105.499821	0.903280	105.563850	
2010	148	600	148.250000000	05/28/2010 6:00	05/28/2010 5:00	89.916	1.27800	0.396	16.61	0.432	12.98	42.8549	105.4958259	105.495711	0.899160	105.559730	
2010	148	700	148.291666667	05/28/2010 7:00	05/28/2010 6:00	89.518	1.27234	0.396	16.6	0.432	13.67	42.8679	105.4918552	105.491740	0.895180	105.555750	
2010	148	800	148.333333333	05/28/2010 8:00	05/28/2010 7:00	89.082	1.26614	0.396	16.61	0.432	13.74	42.8822	105.4875054	105.487390	0.890820	105.551390	
2010	148	900	148.375000000	05/28/2010 9:00	05/28/2010 8:00	88.578	1.25898	0.396	16.6	0.432	13.74	42.8987	105.4824772	105.482362	0.885780	105.546350	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	148	1000	148.416666667	05/28/2010 10:00	05/28/2010 9:00	88.498	1.25784	0.395	16.62	0.432	13.72	42.9013	105.4816791	105.481564	0.884980	105.545550	
2010	148	1100	148.458333333	05/28/2010 11:00	05/28/2010 10:00	89.048	1.26566	0.395	16.61	0.432	13.67	42.8833	105.4871662	105.487051	0.890480	105.551050	
2010	148	1200	148.500000000	05/28/2010 12:00	05/28/2010 11:00	88.46	1.25730	0.395	16.6	0.431	13.69	42.9026	105.4813	105.481185	0.884600	105.545170	
2010	148	1300	148.541666667	05/28/2010 13:00	05/28/2010 12:00	87.932	1.24980	0.395	16.62	0.431	13.63	42.9198	105.4760323	105.475917	0.879320	105.539890	
2010	148	1400	148.583333333	05/28/2010 14:00	05/28/2010 13:00	88.394	1.25636	0.395	16.6	0.431	13.6	42.9047	105.4806415	105.480526	0.883940	105.544510	
2010	148	1500	148.625000000	05/28/2010 15:00	05/28/2010 14:00	88.137	1.25271	0.395	16.59	0.431	13.63	42.9131	105.4780775	105.477962	0.881370	105.541940	
2010	148	1600	148.666666667	05/28/2010 16:00	05/28/2010 15:00	87.579	1.24478	0.395	16.59	0.431	13.47	42.9314	105.4725106	105.472395	0.875790	105.536360	
2010	148	1700	148.708333333	05/28/2010 17:00	05/28/2010 16:00	87.267	1.24035	0.395	16.6	0.431	13.63	42.9416	105.4693979	105.469283	0.872670	105.533240	
2010	148	1800	148.750000000	05/28/2010 18:00	05/28/2010 17:00	86.553	1.23020	0.395	16.6	0.431	13.55	42.9650	105.4622746	105.462159	0.865530	105.526100	
2010	148	1900	148.791666667	05/28/2010 19:00	05/28/2010 18:00	85.966	1.22185	0.394	16.6	0.431	13.46	42.9842	105.4564183	105.456303	0.859660	105.520230	
2010	148	2000	148.833333333	05/28/2010 20:00	05/28/2010 19:00	85.345	1.21303	0.394	16.6	0.43	13.36	43.0045	105.4502229	105.450108	0.853450	105.514020	
2010	148	2100	148.875000000	05/28/2010 21:00	05/28/2010 20:00	84.637	1.20296	0.394	16.61	0.43	13.29	43.0277	105.4431594	105.443044	0.846370	105.506940	
2010	148	2200	148.916666667	05/28/2010 22:00	05/28/2010 21:00	84.043	1.19452	0.394	16.61	0.43	13.23	43.0471	105.4372333	105.437118	0.840430	105.501000	
2010	148	2300	148.958333333	05/28/2010 23:00	05/28/2010 22:00	83.403	1.18543	0.394	16.6	0.43	13.18	43.0681	105.4308483	105.430733	0.834030	105.494600	
2010	148	2400	149.000000000	05/29/2010 0:00	05/28/2010 23:00	82.738	1.17597	0.394	16.6	0.43	13.12	43.0898	105.4242139	105.424099	0.827380	105.487950	
2010	149	100	149.041666667	05/29/2010 1:00	05/29/2010 0:00	82.347	1.17042	0.394	16.59	0.43	13.08	43.1026	105.420313	105.420198	0.823470	105.484040	
2010	149	200	149.083333333	05/29/2010 2:00	05/29/2010 1:00	82.061	1.16635	0.394	16.61	0.43	13.04	43.1120	105.4174597	105.417344	0.820610	105.481180	
2010	149	300	149.125000000	05/29/2010 3:00	05/29/2010 2:00	81.701	1.16123	0.393	16.6	0.43	13.01	43.1238	105.4138681	105.413753	0.817010	105.477580	
2010	149	400	149.166666667	05/29/2010 4:00	05/29/2010 3:00	81.408	1.15707	0.393	16.58	0.429	12.97	43.1334	105.410945	105.410830	0.814080	105.474650	
2010	149	500	149.208333333	05/29/2010 5:00	05/29/2010 4:00	81.059	1.15211	0.393	16.59	0.429	12.94	43.1448	105.4074631	105.407348	0.810590	105.471160	
2010	149	600	149.250000000	05/29/2010 6:00	05/29/2010 5:00	80.776	1.14809	0.393	16.59	0.429	13.78	43.1541	105.4046398	105.404524	0.807760	105.468330	
2010	149	700	149.291666667	05/29/2010 7:00	05/29/2010 6:00	80.672	1.14661	0.393	16.6	0.429	13.78	43.1575	105.4036022	105.403487	0.806720	105.467290	
2010	149	800	149.333333333	05/29/2010 8:00	05/29/2010 7:00	80.237	1.14043	0.393	16.59	0.429	13.72	43.1717	105.3992624	105.399147	0.802370	105.462940	
2010	149	900	149.375000000	05/29/2010 9:00	05/29/2010 8:00	80.496	1.14411	0.393	16.61	0.429	13.66	43.1632	105.4018463	105.401731	0.804960	105.465530	
2010	149	1000	149.416666667	05/29/2010 10:00	05/29/2010 9:00	80.227	1.14028	0.393	16.59	0.429	13.58	43.1720	105.3991626	105.399047	0.802270	105.462840	
2010	149	1100	149.458333333	05/29/2010 11:00	05/29/2010 10:00	79.999	1.13704	0.393	16.61	0.429	13.54	43.1795	105.3968879	105.396773	0.799990	105.460560	
2010	149	1200	149.500000000	05/29/2010 12:00	05/29/2010 11:00	80.715	1.14722	0.393	16.61	0.429	13.53	43.1561	105.4040312	105.403916	0.807150	105.467720	
2010	149	1300	149.541666667	05/29/2010 13:00	05/29/2010 12:00	80.748	1.14769	0.392	16.6	0.428	13.52	43.1550	105.4043604	105.404245	0.807480	105.468050	
2010	149	1400	149.583333333	05/29/2010 14:00	05/29/2010 13:00	81.582	1.15954	0.393	16.6	0.429	13.5	43.1277	105.4126809	105.412566	0.815820	105.476390	
2010	149	1500	149.625000000	05/29/2010 15:00	05/29/2010 14:00	81.755	1.16200	0.393	16.6	0.429	13.52	43.1220	105.4144069	105.414292	0.817550	105.478120	
2010	149	1600	149.666666667	05/29/2010 16:00	05/29/2010 15:00	82.113	1.16709	0.392	16.59	0.428	13.52	43.1103	105.4179785	105.417863	0.821130	105.481700	
2010	149	1700	149.708333333	05/29/2010 17:00	05/29/2010 16:00	82.293	1.16965	0.392	16.6	0.428	13.53	43.1044	105.4197743	105.419659	0.822930	105.483500	
2010	149	1800	149.750000000	05/29/2010 18:00	05/29/2010 17:00	82.66	1.17487	0.392	16.61	0.428	13.42	43.0924	105.4234357	105.423320	0.826600	105.487170	
2010	149	1900	149.791666667	05/29/2010 19:00	05/29/2010 18:00	83.023	1.18002	0.392	16.59	0.428	13.45	43.0805	105.4270572	105.426942	0.830230	105.490800	
2010	149	2000	149.833333333	05/29/2010 20:00	05/29/2010 19:00	83.319	1.18423	0.392	16.6	0.428	13.31	43.0708	105.4300103	105.429895	0.833190	105.493760	
2010	149	2100	149.875000000	05/29/2010 21:00	05/29/2010 20:00	83.407	1.18548	0.392	16.59	0.428	13.24	43.0680	105.4308882	105.430773	0.834070	105.494640	
2010	149	2200	149.916666667	05/29/2010 22:00	05/29/2010 21:00	83.52	1.18709	0.392	16.6	0.428	13.17	43.0643	105.4320156	105.431900	0.835200	105.495770	
2010	149	2300	149.958333333	05/29/2010 23:00	05/29/2010 22:00	83.553	1.18756	0.392	16.58	0.429	13.11	43.0632	105.4323448	105.432229	0.835530	105.496100	
2010	149	2400	150.000000000	05/30/2010 0:00	05/29/2010 23:00	83.594	1.18814	0.392	16.59	0.429	13.07	43.0618	105.4327538	105.432638	0.835940	105.496510	
2010	150	100	150.041666667	05/30/2010 1:00	05/30/2010 0:00	83.7	1.18965	0.393	16.6	0.428	13.03	43.0584	105.4338113	105.433696	0.837000	105.497570	
2010	150	200	150.083333333	05/30/2010 2:00	05/30/2010 1:00	83.798	1.19104	0.392	16.59	0.428	12.99	43.0552	105.4347891	105.434674	0.837980	105.498550	
2010	150	300	150.125000000	05/30/2010 3:00	05/30/2010 2:00	84.107	1.19543	0.392	16.6	0.428	12.95	43.0450	105.4378718	105.437756	0.841070	105.501640	
2010	150	400	150.166666667	05/30/2010 4:00	05/30/2010 3:00	84.39	1.19945	0.392	16.58	0.428	12.93	43.0358	105.4406952	105.440580	0.843900	105.504470	
2010	150	500	150.208333333	05/30/2010 5:00	05/30/2010 4:00	84.413	1.19978	0.392	16.58	0.428	12.92	43.0350	105.4409247	105.440809	0.844130	105.504700	
2010	150	600	150.250000000	05/30/2010 6:00	05/30/2010 5:00	84.594	1.20235	0.393	16.6	0.429	13.75	43.0291	105.4427304	105.442615	0.845940	105.506510	
2010	150	700	150.291666667	05/30/2010 7:00	05/30/2010 6:00	85.518	1.21549	0.392	16.6	0.428	13.72	42.9989	105.4519488	105.451833	0.855180	105.515750	
2010	150	800	150.333333333	05/30/2010 8:00	05/30/2010 7:00	85.391	1.21368	0.392	16.59	0.428	13.66	43.0030	105.4506818	105.450566	0.853910	105.514480	
2010	150	900	150.375000000	05/30/2010 9:00	05/30/2010 8:00	85.496	1.21517	0.393	16.6	0.429	13.62	42.9996	105.4517293	105.451614	0.854960	105.515530	
2010	150	1000	150.416666667	05/30/2010 10:00	05/30/2010 9:00	85.801	1.21951	0.393	16.59	0.429	13.55	42.9896	105.4547722	105.454657	0.858010	105.518580	
2010	150	1100	150.458333333	05/30/2010 11:00	05/30/2010 10:00	85.101	1.20956	0.392	16.6	0.428	13.52	43.0125	105.4477886	105.447673	0.851010	105.511580	
2010	150	1200	150.500000000	05/30/2010 12:00	05/30/2010 11:00	85.534	1.21571	0.392	16.59	0.428	13.5	42.9983	105.4521084	105.451993	0.855340	105.515910	
2010	150	1300	150.541666667	05/30/2010 13:00	05/30/2010 12:00	85.864	1.22040	0.393	16.61	0.429	13.46	42.9875	105.4554007	105.455285	0.858640	105.519210	
2010	150	1400	150.583333333	05/30/2010 14:00	05/30/2010 13:00	86.108	1.22387	0.392	16.6	0.428	13.43	42.9795	105.457835	105.457720	0.861080	105.521650	
2010	150	1500	150.625000000	05/30/2010 15:00	05/30/2010 14:00	85.986	1.22214	0.392	16.61	0.428	13.41	42.9835	105.4566179	105.456503	0.859860	105.520430	
2010	150	1600	150.666666667	05/30/2010 16:00	05/30/2010 15:00	85.701	1.21809	0.392	16.6	0.428	13.4	42.9929	105.4537745	105.453659	0.857010	105.517580	
2010	150	1700	150.708333333	05/30/2010 17:00	05/30/2010 16:00	85.856	1.22029	0.392	16.59	0.428	13.42	42.9878	105.4553209	105.455206	0.858560	105.519130	
2010	150	1800	150.750000000	05/30/2010 18:00	05/30/2010 17:00	85.554	1.21600	0.392	16.61	0.428	13.43	42.9977	105.452308	105.452193	0.855540	105.516110	
2010	150	1900	150.791666667	05/30/2010 19:00	05/30/2010 18:00	85.219	1.21124	0.392	16.6	0.428	13.35	43.0086	105.4489658	105.448850	0.852190	105.512760	
2010	150	2000	150.833333333	05/30/2010 20:00	05/30/2010 19:00	84.66	1.20329	0.392	16.6	0.428	13.23	43.0269	105.4433889	105.443274	0.846600	105.507170	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	150	2100	150.875000000	05/30/2010 21:00	05/30/2010 20:00	84.158	1.19616	0.392	16.6	0.428	13.16	43.0434	105.4383806	105.438265	0.841580	105.502150	
2010	150	2200	150.916666667	05/30/2010 22:00	05/30/2010 21:00	83.584	1.18800	0.392	16.6	0.428	13.09	43.0622	105.4326541	105.432539	0.835840	105.496410	
2010	150	2300	150.958333333	05/30/2010 23:00	05/30/2010 22:00	82.873	1.17789	0.392	16.59	0.428	13.04	43.0854	105.4255607	105.425445	0.828730	105.489300	
2010	150	2400	151.000000000	05/31/2010 0:00	05/30/2010 23:00	82.384	1.17094	0.392	16.59	0.428	13	43.1014	105.4206821	105.420567	0.823840	105.484410	
2010	151	100	151.041666667	05/31/2010 1:00	05/31/2010 0:00	81.699	1.16121	0.392	16.6	0.428	12.97	43.1239	105.4138482	105.413733	0.816990	105.477560	
2010	151	200	151.083333333	05/31/2010 2:00	05/31/2010 1:00	81.301	1.15555	0.392	16.59	0.428	12.93	43.1369	105.4098775	105.409762	0.813010	105.473580	
2010	151	300	151.125000000	05/31/2010 3:00	05/31/2010 2:00	80.952	1.15059	0.392	16.59	0.428	12.92	43.1483	105.4063956	105.406280	0.809520	105.470090	
2010	151	400	151.166666667	05/31/2010 4:00	05/31/2010 3:00	80.63	1.14601	0.392	16.6	0.428	12.91	43.1588	105.4031832	105.403068	0.806300	105.466870	
2010	151	500	151.208333333	05/31/2010 5:00	05/31/2010 4:00	80.399	1.14273	0.392	16.6	0.428	12.9	43.1664	105.4008786	105.400763	0.803990	105.464560	
2010	151	600	151.250000000	05/31/2010 6:00	05/31/2010 5:00	80.183	1.13966	0.392	16.6	0.428	13.19	43.1735	105.3987236	105.398608	0.801830	105.462400	
2010	151	700	151.291666667	05/31/2010 7:00	05/31/2010 6:00	79.955	1.13642	0.392	16.6	0.428	13.64	43.1809	105.396449	105.396334	0.799550	105.460120	
2010	151	800	151.333333333	05/31/2010 8:00	05/31/2010 7:00	79.944	1.13626	0.392	16.6	0.428	13.6	43.1813	105.3963392	105.396224	0.799440	105.460010	
2010	151	900	151.375000000	05/31/2010 9:00	05/31/2010 8:00	79.153	1.12502	0.392	16.6	0.428	13.56	43.2072	105.3884477	105.388332	0.791530	105.452100	
2010	151	1000	151.416666667	05/31/2010 10:00	05/31/2010 9:00	79.795	1.13414	0.392	16.59	0.428	13.5	43.1862	105.3948527	105.394737	0.797950	105.458520	
2010	151	1100	151.458333333	05/31/2010 11:00	05/31/2010 10:00	79.846	1.13487	0.391	16.6	0.427	13.47	43.1845	105.3953615	105.395246	0.798460	105.459030	
2010	151	1200	151.500000000	05/31/2010 12:00	05/31/2010 11:00	79.86	1.13507	0.391	16.59	0.427	13.43	43.1841	105.3955012	105.395386	0.798600	105.459170	
2010	151	1300	151.541666667	05/31/2010 13:00	05/31/2010 12:00	78.542	1.11634	0.391	16.6	0.427	13.43	43.2272	105.382352	105.382237	0.785420	105.445990	
2010	151	1400	151.583333333	05/31/2010 14:00	05/31/2010 13:00	78.478	1.11543	0.392	16.59	0.428	13.39	43.2293	105.3817135	105.381598	0.784780	105.445350	
2010	151	1500	151.625000000	05/31/2010 15:00	05/31/2010 14:00	78.787	1.11982	0.391	16.61	0.427	13.36	43.2192	105.3847963	105.384681	0.787870	105.448440	
2010	151	1600	151.666666667	05/31/2010 16:00	05/31/2010 15:00	78.507	1.11584	0.391	16.61	0.427	13.37	43.2283	105.3820028	105.381887	0.785070	105.445640	
2010	151	1700	151.708333333	05/31/2010 17:00	05/31/2010 16:00	78.662	1.11804	0.391	16.58	0.427	13.39	43.2233	105.3835492	105.383434	0.786620	105.447190	
2010	151	1800	151.750000000	05/31/2010 18:00	05/31/2010 17:00	78.041	1.10921	0.391	16.6	0.427	13.43	43.2436	105.3773537	105.377238	0.780410	105.440980	
2010	151	1900	151.791666667	05/31/2010 19:00	05/31/2010 18:00	77.89	1.10707	0.391	16.6	0.427	13.31	43.2485	105.3758473	105.375732	0.778900	105.439470	
2010	151	2000	151.833333333	05/31/2010 20:00	05/31/2010 19:00	78.056	1.10943	0.391	16.6	0.427	13.21	43.2431	105.3775034	105.377388	0.780560	105.441130	
2010	151	2100	151.875000000	05/31/2010 21:00	05/31/2010 20:00	77.756	1.10516	0.391	16.58	0.427	13.13	43.2529	105.3745104	105.374395	0.777560	105.438130	
2010	151	2200	151.916666667	05/31/2010 22:00	05/31/2010 21:00	77.687	1.10418	0.391	16.59	0.427	13.07	43.2552	105.373822	105.373707	0.776870	105.437440	
2010	151	2300	151.958333333	05/31/2010 23:00	05/31/2010 22:00	77.487	1.10134	0.391	16.59	0.427	13.03	43.2617	105.3718267	105.371711	0.774870	105.435440	
2010	151	2400	152.000000000	06/01/2010 0:00	05/31/2010 23:00	77.466	1.10104	0.391	16.59	0.427	13	43.2624	105.3716172	105.371502	0.774660	105.435230	
2010	152	100	152.041666667	06/01/2010 1:00	06/01/2010 0:00	77.322	1.09900	0.391	16.59	0.427	12.96	43.2671	105.3701806	105.370065	0.773220	105.433790	
2010	152	200	152.083333333	06/01/2010 2:00	06/01/2010 1:00	77.199	1.09725	0.391	16.59	0.427	12.93	43.2712	105.3689534	105.368838	0.771990	105.432560	
2010	152	300	152.125000000	06/01/2010 3:00	06/01/2010 2:00	77.143	1.09645	0.391	16.6	0.427	12.91	43.2730	105.3683948	105.368279	0.771430	105.432000	
2010	152	400	152.166666667	06/01/2010 4:00	06/01/2010 3:00	77.024	1.09476	0.391	16.59	0.427	12.9	43.2769	105.3672075	105.367092	0.770240	105.430810	
2010	152	500	152.208333333	06/01/2010 5:00	06/01/2010 4:00	76.519	1.08758	0.391	16.58	0.427	12.89	43.2934	105.3621694	105.362054	0.765190	105.425760	
2010	152	600	152.250000000	06/01/2010 6:00	06/01/2010 5:00	76.683	1.08991	0.391	16.59	0.427	13.02	43.2880	105.3638055	105.363690	0.766830	105.427400	
2010	152	700	152.291666667	06/01/2010 7:00	06/01/2010 6:00	76.725	1.09051	0.391	16.59	0.427	13.61	43.2867	105.3642245	105.364109	0.767250	105.427820	
2010	152	800	152.333333333	06/01/2010 8:00	06/01/2010 7:00	76.683	1.08991	0.391	16.58	0.427	13.58	43.2880	105.3638055	105.363690	0.766830	105.427400	
2010	152	900	152.375000000	06/01/2010 9:00	06/01/2010 8:00	76.68	1.08987	0.391	16.59	0.427	13.54	43.2881	105.3637756	105.363660	0.766800	105.427370	
2010	152	1000	152.416666667	06/01/2010 10:00	06/01/2010 9:00	76.571	1.08832	0.391	16.58	0.427	13.48	43.2917	105.3626881	105.362573	0.765710	105.426280	
2010	152	1100	152.458333333	06/01/2010 11:00	06/01/2010 10:00	78.098	1.11002	0.391	16.59	0.427	13.44	43.2417	105.3779224	105.377807	0.780980	105.441550	
2010	152	1200	152.500000000	06/01/2010 12:00	06/01/2010 11:00	78.218	1.11173	0.391	16.6	0.427	13.43	43.2378	105.3791196	105.379004	0.782180	105.442750	
2010	152	1300	152.541666667	06/01/2010 13:00	06/01/2010 12:00	78.201	1.11149	0.391	16.59	0.427	13.41	43.2384	105.37895	105.378835	0.782010	105.442580	
2010	152	1400	152.583333333	06/01/2010 14:00	06/01/2010 13:00	78.805	1.12007	0.391	16.59	0.427	13.41	43.2186	105.3849759	105.384861	0.788050	105.448620	
2010	152	1500	152.625000000	06/01/2010 15:00	06/01/2010 14:00	79.391	1.12840	0.391	16.59	0.427	13.4	43.1994	105.3908222	105.390707	0.793910	105.454480	
2010	152	1600	152.666666667	06/01/2010 16:00	06/01/2010 15:00	80.031	1.13750	0.391	16.61	0.427	13.41	43.1785	105.3972072	105.397092	0.800310	105.460880	
2010	152	1700	152.708333333	06/01/2010 17:00	06/01/2010 16:00	80.329	1.14173	0.391	16.6	0.427	13.42	43.1687	105.4001802	105.400065	0.803290	105.463860	
2010	152	1800	152.750000000	06/01/2010 18:00	06/01/2010 17:00	80.658	1.14641	0.391	16.58	0.427	13.45	43.1579	105.4034625	105.403347	0.806580	105.467150	
2010	152	1900	152.791666667	06/01/2010 19:00	06/01/2010 18:00	80.836	1.14894	0.391	16.59	0.427	13.33	43.1521	105.4052384	105.405123	0.808360	105.468930	
2010	152	2000	152.833333333	06/01/2010 20:00	06/01/2010 19:00	80.994	1.15119	0.391	16.6	0.427	13.22	43.1469	105.4068147	105.406699	0.809940	105.470510	
2010	152	2100	152.875000000	06/01/2010 21:00	06/01/2010 20:00	81.189	1.15396	0.391	16.59	0.427	13.14	43.1406	105.4087601	105.408645	0.811890	105.472460	
2010	152	2200	152.916666667	06/01/2010 22:00	06/01/2010 21:00	81.244	1.15474	0.391	16.57	0.427	13.09	43.1388	105.4093088	105.409193	0.812440	105.473010	
2010	152	2300	152.958333333	06/01/2010 23:00	06/01/2010 22:00	81.34	1.15610	0.391	16.59	0.427	13.04	43.1356	105.4102666	105.410151	0.813400	105.473970	
2010	152	2400	153.000000000	06/02/2010 0:00	06/01/2010 23:00	81.635	1.16030	0.391	16.59	0.427	13	43.1260	105.4132097	105.413094	0.816350	105.476920	
2010	153	100	153.041666667	06/02/2010 1:00	06/02/2010 0:00	82.048	1.16617	0.392	16.6	0.427	12.96	43.1124	105.41733	105.417215	0.820480	105.481050	
2010	153	200	153.083333333	06/02/2010 2:00	06/02/2010 1:00	82.478	1.17228	0.391	16.59	0.427	12.94	43.0984	105.4216199	105.421505	0.824780	105.485350	
2010	153	300	153.125000000	06/02/2010 3:00	06/02/2010 2:00	83.159	1.18196	0.392	16.59	0.428	12.92	43.0761	105.428414	105.428299	0.831590	105.492160	
2010	153	400	153.166666667	06/02/2010 4:00	06/02/2010 3:00	84.136	1.19584	0.392	16.58	0.428	12.91	43.0441	105.4381611	105.438046	0.841360	105.501930	
2010	153	500	153.208333333	06/02/2010 5:00	06/02/2010 4:00	85.156	1.21034	0.392	16.61	0.428	12.9	43.0107	105.4483373	105.448222	0.851560	105.512130	
2010	153	600	153.250000000	06/02/2010 6:00	06/02/2010 5:00	86.214	1.22538	0.392	16.58	0.428	12.93	42.9761	105.4588925	105.458777	0.862140	105.522710	
2010	153	700	153.291666667	06/02/2010 7:00	06/02/2010 6:00	87.291	1.24069	0.392	16.61	0.428	13.08	42.9408	105.4696373	105.469522	0.872910	105.533480	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	153	800	153.333333333	06/02/2010 8:00	06/02/2010 7:00	88.29	1.25489	0.392	16.6	0.428	13.68	42.9081	105.479604	105.479489	0.882900	105.543470	
2010	153	900	153.375000000	06/02/2010 9:00	06/02/2010 8:00	88.943	1.26417	0.392	16.59	0.428	13.69	42.8867	105.4861187	105.486003	0.889430	105.550000	
2010	153	1000	153.416666667	06/02/2010 10:00	06/02/2010 9:00	89.594	1.27342	0.392	16.59	0.428	13.67	42.8654	105.4926134	105.492498	0.895940	105.556510	
2010	153	1100	153.458333333	06/02/2010 11:00	06/02/2010 10:00	90.165	1.28154	0.392	16.59	0.428	13.63	42.8468	105.4983101	105.498195	0.901650	105.562220	
2010	153	1200	153.500000000	06/02/2010 12:00	06/02/2010 11:00	90.872	1.29158	0.392	16.61	0.428	13.59	42.8236	105.5053635	105.505248	0.908720	105.569290	
2010	153	1300	153.541666667	06/02/2010 13:00	06/02/2010 12:00	91.212	1.29642	0.392	16.6	0.428	13.57	42.8125	105.5087556	105.508640	0.912120	105.572690	
2010	153	1400	153.583333333	06/02/2010 14:00	06/02/2010 13:00	91.991	1.30749	0.392	16.61	0.428	13.56	42.7870	105.5165274	105.516412	0.919910	105.580480	
2010	153	1500	153.625000000	06/02/2010 15:00	06/02/2010 14:00	92.659	1.31698	0.392	16.6	0.428	13.57	42.7651	105.5231917	105.523076	0.926590	105.587160	
2010	153	1600	153.666666667	06/02/2010 16:00	06/02/2010 15:00	93.172	1.32427	0.393	16.6	0.429	13.59	42.7483	105.5283097	105.528194	0.931720	105.592290	
2010	153	1700	153.708333333	06/02/2010 17:00	06/02/2010 16:00	94.033	1.33651	0.393	16.59	0.429	13.58	42.7201	105.5368996	105.536784	0.940330	105.600900	
2010	153	1800	153.750000000	06/02/2010 18:00	06/02/2010 17:00	94.938	1.34938	0.393	16.59	0.429	13.58	42.6905	105.5459284	105.545813	0.949380	105.609950	
2010	153	1900	153.791666667	06/02/2010 19:00	06/02/2010 18:00	95.661	1.35965	0.393	16.59	0.429	13.46	42.6669	105.5531415	105.553026	0.956610	105.617180	
2010	153	2000	153.833333333	06/02/2010 20:00	06/02/2010 19:00	96.877	1.37693	0.393	16.6	0.429	13.33	42.6271	105.5652731	105.565158	0.968770	105.629340	
2010	153	2100	153.875000000	06/02/2010 21:00	06/02/2010 20:00	97.899	1.39146	0.394	16.6	0.43	13.25	42.5936	105.5754691	105.575354	0.978990	105.639560	
2010	153	2200	153.916666667	06/02/2010 22:00	06/02/2010 21:00	98.85	1.40498	0.394	16.59	0.43	13.18	42.5625	105.5849569	105.584842	0.988500	105.649070	
2010	153	2300	153.958333333	06/02/2010 23:00	06/02/2010 22:00	99.813	1.41866	0.394	16.6	0.43	13.13	42.5310	105.5945644	105.594449	0.998130	105.658700	
2010	153	2400	154.000000000	06/03/2010 0:00	06/02/2010 23:00	100.75	1.43198	0.394	16.57	0.43	13.07	42.5003	105.6039124	105.603797	1.007500	105.668070	
2010	154	100	154.041666667	06/03/2010 1:00	06/03/2010 0:00	101.74	1.44605	0.394	16.59	0.43	13.04	42.4679	105.6137893	105.613674	1.017400	105.677970	
2010	154	200	154.083333333	06/03/2010 2:00	06/03/2010 1:00	102.42	1.45572	0.395	16.59	0.431	13	42.4456	105.6205734	105.620458	1.024200	105.684770	
2010	154	300	154.125000000	06/03/2010 3:00	06/03/2010 2:00	103.22	1.46709	0.395	16.6	0.431	12.97	42.4194	105.6285547	105.628439	1.032200	105.692770	
2010	154	400	154.166666667	06/03/2010 4:00	06/03/2010 3:00	103.72	1.47420	0.395	16.58	0.431	12.94	42.4031	105.633543	105.633428	1.037200	105.697770	
2010	154	500	154.208333333	06/03/2010 5:00	06/03/2010 4:00	104.04	1.47874	0.395	16.61	0.432	12.91	42.3926	105.6367355	105.636620	1.040400	105.700970	
2010	154	600	154.250000000	06/03/2010 6:00	06/03/2010 5:00	104.09	1.47945	0.396	16.6	0.432	13.78	42.3910	105.6372343	105.637119	1.040900	105.701470	
2010	154	700	154.291666667	06/03/2010 7:00	06/03/2010 6:00	104.38	1.48358	0.396	16.58	0.432	13.76	42.3815	105.6401275	105.640012	1.043800	105.704370	
2010	154	800	154.333333333	06/03/2010 8:00	06/03/2010 7:00	104.5	1.48528	0.396	16.6	0.432	13.72	42.3775	105.6413247	105.641209	1.045000	105.705570	
2010	154	900	154.375000000	06/03/2010 9:00	06/03/2010 8:00	105.18	1.49495	0.396	16.59	0.432	13.67	42.3553	105.6481088	105.647993	1.051799	105.712370	
2010	154	1000	154.416666667	06/03/2010 10:00	06/03/2010 9:00	104.88	1.49068	0.396	16.6	0.432	13.63	42.3651	105.6451158	105.645000	1.048799	105.709370	
2010	154	1100	154.458333333	06/03/2010 11:00	06/03/2010 10:00	105.09	1.49367	0.396	16.59	0.432	13.58	42.3582	105.6472109	105.647096	1.050899	105.711470	
2010	154	1200	154.500000000	06/03/2010 12:00	06/03/2010 11:00	106.03	1.50703	0.396	16.59	0.432	13.55	42.3275	105.6565889	105.656474	1.060299	105.720870	
2010	154	1300	154.541666667	06/03/2010 13:00	06/03/2010 12:00	105.96	1.50603	0.396	16.6	0.433	13.52	42.3298	105.6558905	105.655775	1.059599	105.720170	
2010	154	1400	154.583333333	06/03/2010 14:00	06/03/2010 13:00	105.35	1.49736	0.396	16.61	0.433	13.5	42.3497	105.6498048	105.649689	1.053499	105.714070	
2010	154	1500	154.625000000	06/03/2010 15:00	06/03/2010 14:00	106.01	1.50674	0.396	16.61	0.433	13.49	42.3281	105.6563894	105.656274	1.060099	105.720670	
2010	154	1600	154.666666667	06/03/2010 16:00	06/03/2010 15:00	105.55	1.50021	0.397	16.62	0.433	13.49	42.3432	105.6518001	105.651685	1.055499	105.716070	
2010	154	1700	154.708333333	06/03/2010 17:00	06/03/2010 16:00	105.91	1.50532	0.397	16.62	0.433	13.49	42.3314	105.6553917	105.655276	1.059099	105.719670	
2010	154	1800	154.750000000	06/03/2010 18:00	06/03/2010 17:00	105.5	1.49950	0.397	16.6	0.433	13.38	42.3448	105.6513013	105.651186	1.054999	105.715570	
2010	154	1900	154.791666667	06/03/2010 19:00	06/03/2010 18:00	105.43	1.49850	0.397	16.61	0.433	13.27	42.3471	105.6506029	105.650488	1.054299	105.714870	
2010	154	2000	154.833333333	06/03/2010 20:00	06/03/2010 19:00	105.16	1.49466	0.397	16.61	0.433	13.18	42.3559	105.6479093	105.647794	1.051599	105.712170	
2010	154	2100	154.875000000	06/03/2010 21:00	06/03/2010 20:00	104.85	1.49026	0.397	16.59	0.433	13.13	42.3661	105.6448165	105.644701	1.048499	105.709070	
2010	154	2200	154.916666667	06/03/2010 22:00	06/03/2010 21:00	104.49	1.48514	0.397	16.61	0.433	13.08	42.3779	105.6412249	105.641110	1.044900	105.705470	
2010	154	2300	154.958333333	06/03/2010 23:00	06/03/2010 22:00	104.27	1.48201	0.397	16.6	0.434	13.04	42.3851	105.6390301	105.638915	1.042700	105.703270	
2010	154	2400	155.000000000	06/04/2010 0:00	06/03/2010 23:00	104	1.47818	0.398	16.6	0.434	13	42.3939	105.6363364	105.636221	1.040000	105.700570	
2010	155	100	155.041666667	06/04/2010 1:00	06/04/2010 0:00	103.87	1.47633	0.397	16.6	0.434	12.97	42.3982	105.6350394	105.634924	1.038700	105.699270	
2010	155	200	155.083333333	06/04/2010 2:00	06/04/2010 1:00	103.91	1.47690	0.397	16.59	0.434	12.93	42.3969	105.6354385	105.635323	1.039100	105.699670	
2010	155	300	155.125000000	06/04/2010 3:00	06/04/2010 2:00	104.01	1.47832	0.397	16.6	0.434	12.91	42.3936	105.6364362	105.636321	1.040100	105.700670	
2010	155	400	155.166666667	06/04/2010 4:00	06/04/2010 3:00	104.21	1.48116	0.397	16.61	0.434	12.91	42.3870	105.6384315	105.638316	1.042100	105.702670	
2010	155	500	155.208333333	06/04/2010 5:00	06/04/2010 4:00	104.38	1.48358	0.397	16.61	0.434	12.89	42.3815	105.6401275	105.640012	1.043800	105.704370	
2010	155	600	155.250000000	06/04/2010 6:00	06/04/2010 5:00	104.5	1.48528	0.397	16.6	0.433	13.69	42.3775	105.6413247	105.641209	1.045000	105.705570	
2010	155	700	155.291666667	06/04/2010 7:00	06/04/2010 6:00	104.84	1.49011	0.397	16.61	0.434	13.72	42.3664	105.6447168	105.644601	1.048399	105.708970	
2010	155	800	155.333333333	06/04/2010 8:00	06/04/2010 7:00	104.93	1.49139	0.397	16.6	0.434	13.72	42.3635	105.6456146	105.645499	1.049299	105.709870	
2010	155	900	155.375000000	06/04/2010 9:00	06/04/2010 8:00	105.31	1.49679	0.397	16.6	0.434	13.68	42.3510	105.6494058	105.649290	1.053099	105.713670	
2010	155	1000	155.416666667	06/04/2010 10:00	06/04/2010 9:00	105.42	1.49836	0.397	16.6	0.433	13.64	42.3474	105.6505032	105.650388	1.054199	105.714770	
2010	155	1100	155.458333333	06/04/2010 11:00	06/04/2010 10:00	105.22	1.49552	0.397	16.6	0.433	13.55	42.3540	105.6485079	105.648393	1.052199	105.712770	
2010	155	1200	155.500000000	06/04/2010 12:00	06/04/2010 11:00	106.24	1.51001	0.397	16.59	0.433	13.49	42.3206	105.658684	105.658569	1.062399	105.722970	
2010	155	1300	155.541666667	06/04/2010 13:00	06/04/2010 12:00	105.68	1.50205	0.396	16.61	0.433	13.48	42.3389	105.6530971	105.652982	1.056799	105.717370	
2010	155	1400	155.583333333	06/04/2010 14:00	06/04/2010 13:00	105.77	1.50333	0.397	16.61	0.433	13.46	42.3360	105.653995	105.653880	1.057699	105.718270	
2010	155	1500	155.625000000	06/04/2010 15:00	06/04/2010 14:00	107.2	1.52366	0.397	16.6	0.433	13.43	42.2892	105.6682615	105.668146	1.071999	105.732570	
2010	155	1600	155.666666667	06/04/2010 16:00	06/04/2010 15:00	106.83	1.51840	0.397	16.6	0.433	13.43	42.3013	105.6645702	105.664455	1.068299	105.728870	
2010	155	1700	155.708333333	06/04/2010 17:00	06/04/2010 16:00	105.84	1.50433	0.397	16.59	0.433	13.47	42.3337	105.6546934	105.654578	1.058399	105.718970	
2010	155	1800	155.750000000	06/04/2010 18:00	06/04/2010 17:00	106.2	1.50944	0.398	16.6	0.434	13.47	42.3219	105.6582849	105.658170	1.061999	105.722570	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	155	1900	155.791666667	06/04/2010 19:00	06/04/2010 18:00	105.83	1.50419	0.397	16.59	0.434	13.39	42.3340	105.6545936	105.654478	1.058299	105.718870	
2010	155	2000	155.833333333	06/04/2010 20:00	06/04/2010 19:00	105.43	1.49850	0.397	16.59	0.434	13.27	42.3471	105.6506029	105.650488	1.054299	105.714870	
2010	155	2100	155.875000000	06/04/2010 21:00	06/04/2010 20:00	104.96	1.49182	0.397	16.59	0.434	13.19	42.3625	105.6459139	105.645799	1.049599	105.710170	
2010	155	2200	155.916666667	06/04/2010 22:00	06/04/2010 21:00	104.28	1.48216	0.398	16.6	0.434	13.13	42.3847	105.6391299	105.639015	1.042800	105.703370	
2010	155	2300	155.958333333	06/04/2010 23:00	06/04/2010 22:00	103.78	1.47505	0.398	16.6	0.434	13.08	42.4011	105.6341416	105.634026	1.037800	105.698370	
2010	155	2400	156.000000000	06/05/2010 0:00	06/04/2010 23:00	103.35	1.46894	0.398	16.61	0.434	13.04	42.4152	105.6298516	105.629736	1.033500	105.694070	
2010	156	100	156.041666667	06/05/2010 1:00	06/05/2010 0:00	102.96	1.46339	0.398	16.61	0.434	13	42.4280	105.6259607	105.625845	1.029600	105.690170	
2010	156	200	156.083333333	06/05/2010 2:00	06/05/2010 1:00	102.57	1.45785	0.397	16.61	0.434	12.97	42.4407	105.6220699	105.621955	1.025700	105.686270	
2010	156	300	156.125000000	06/05/2010 3:00	06/05/2010 2:00	102.15	1.45188	0.397	16.59	0.434	12.94	42.4545	105.6178797	105.617764	1.021500	105.682070	
2010	156	400	156.166666667	06/05/2010 4:00	06/05/2010 3:00	101.83	1.44733	0.397	16.59	0.434	12.91	42.4649	105.6146872	105.614572	1.018300	105.678870	
2010	156	500	156.208333333	06/05/2010 5:00	06/05/2010 4:00	101.22	1.43866	0.397	16.6	0.433	12.9	42.4849	105.6086014	105.608486	1.012200	105.672770	
2010	156	600	156.250000000	06/05/2010 6:00	06/05/2010 5:00	100.83	1.43312	0.396	16.61	0.433	12.99	42.4977	105.6047106	105.604595	1.008300	105.668870	
2010	156	700	156.291666667	06/05/2010 7:00	06/05/2010 6:00	100.64	1.43042	0.396	16.61	0.433	13.66	42.5039	105.602815	105.602700	1.006400	105.666970	
2010	156	800	156.333333333	06/05/2010 8:00	06/05/2010 7:00	100.64	1.43042	0.396	16.61	0.432	13.64	42.5039	105.602815	105.602700	1.006400	105.666970	
2010	156	900	156.375000000	06/05/2010 9:00	06/05/2010 8:00	100.23	1.42459	0.396	16.62	0.432	13.58	42.5173	105.5987246	105.598609	1.002300	105.662870	
2010	156	1000	156.416666667	06/05/2010 10:00	06/05/2010 9:00	101.01	1.43568	0.396	16.61	0.432	13.53	42.4918	105.6065064	105.606391	1.010100	105.670670	
2010	156	1100	156.458333333	06/05/2010 11:00	06/05/2010 10:00	100.5	1.42843	0.396	16.59	0.432	13.48	42.5085	105.6014183	105.601303	1.005000	105.665570	
2010	156	1200	156.500000000	06/05/2010 12:00	06/05/2010 11:00	100.63	1.43028	0.396	16.59	0.432	13.46	42.5042	105.6027152	105.602600	1.006300	105.666870	
2010	156	1300	156.541666667	06/05/2010 13:00	06/05/2010 12:00	102.03	1.45018	0.395	16.6	0.432	13.47	42.4584	105.6166825	105.616567	1.020300	105.680870	
2010	156	1400	156.583333333	06/05/2010 14:00	06/05/2010 13:00	102.7	1.45970	0.395	16.61	0.432	13.43	42.4365	105.6233668	105.623251	1.027000	105.687570	
2010	156	1500	156.625000000	06/05/2010 15:00	06/05/2010 14:00	101.8	1.44691	0.396	16.6	0.432	13.38	42.4659	105.6143879	105.614273	1.018000	105.678570	
2010	156	1600	156.666666667	06/05/2010 16:00	06/05/2010 15:00	103.01	1.46410	0.396	16.62	0.432	13.38	42.4263	105.6264596	105.626344	1.030100	105.690670	
2010	156	1700	156.708333333	06/05/2010 17:00	06/05/2010 16:00	102.72	1.45998	0.396	16.61	0.432	13.39	42.4358	105.6235664	105.623451	1.027200	105.687770	
2010	156	1800	156.750000000	06/05/2010 18:00	06/05/2010 17:00	103.1	1.46538	0.396	16.6	0.432	13.41	42.4234	105.6273575	105.627242	1.031000	105.691570	
2010	156	1900	156.791666667	06/05/2010 19:00	06/05/2010 18:00	103.29	1.46808	0.396	16.6	0.432	13.35	42.4171	105.629253	105.629138	1.032900	105.693470	
2010	156	2000	156.833333333	06/05/2010 20:00	06/05/2010 19:00	103.04	1.46453	0.396	16.59	0.432	13.23	42.4253	105.6267589	105.626644	1.030400	105.690970	
2010	156	2100	156.875000000	06/05/2010 21:00	06/05/2010 20:00	102.76	1.46055	0.396	16.6	0.432	13.15	42.4345	105.6239654	105.623850	1.027600	105.688170	
2010	156	2200	156.916666667	06/05/2010 22:00	06/05/2010 21:00	102.38	1.45515	0.395	16.6	0.432	13.09	42.4469	105.6201743	105.620059	1.023800	105.684370	
2010	156	2300	156.958333333	06/05/2010 23:00	06/05/2010 22:00	101.78	1.44662	0.395	16.59	0.431	13.04	42.4666	105.6141883	105.614073	1.017800	105.678370	
2010	156	2400	157.000000000	06/06/2010 0:00	06/05/2010 23:00	101.07	1.43653	0.394	16.61	0.431	13	42.4898	105.607105	105.606990	1.010700	105.671270	
2010	157	100	157.041666667	06/06/2010 1:00	06/06/2010 0:00	100.42	1.42729	0.394	16.6	0.431	12.96	42.5111	105.6006202	105.600505	1.004200	105.664770	
2010	157	200	157.083333333	06/06/2010 2:00	06/06/2010 1:00	99.919	1.42017	0.394	16.61	0.431	12.94	42.5275	105.5956219	105.595507	0.999190	105.659760	
2010	157	300	157.125000000	06/06/2010 3:00	06/06/2010 2:00	99.436	1.41331	0.394	16.61	0.43	12.92	42.5433	105.5908032	105.590688	0.994360	105.654930	
2010	157	400	157.166666667	06/06/2010 4:00	06/06/2010 3:00	98.948	1.40637	0.394	16.6	0.431	12.91	42.5593	105.5859346	105.585819	0.989480	105.650050	
2010	157	500	157.208333333	06/06/2010 5:00	06/06/2010 4:00	98.466	1.39952	0.394	16.62	0.43	12.9	42.5750	105.5811259	105.581011	0.984660	105.645230	
2010	157	600	157.250000000	06/06/2010 6:00	06/06/2010 5:00	98.063	1.39379	0.394	16.59	0.431	13.43	42.5882	105.5771053	105.576990	0.980630	105.641200	
2010	157	700	157.291666667	06/06/2010 7:00	06/06/2010 6:00	97.518	1.38605	0.394	16.6	0.43	13.65	42.6061	105.5716681	105.571553	0.975180	105.635750	
2010	157	800	157.333333333	06/06/2010 8:00	06/06/2010 7:00	97.037	1.37921	0.394	16.62	0.43	13.64	42.6218	105.5668693	105.566754	0.970370	105.630940	
2010	157	900	157.375000000	06/06/2010 9:00	06/06/2010 8:00	96.755	1.37520	0.394	16.6	0.43	13.59	42.6311	105.5640559	105.563941	0.967550	105.628120	
2010	157	1000	157.416666667	06/06/2010 10:00	06/06/2010 9:00	96.312	1.36890	0.394	16.62	0.43	13.58	42.6456	105.5596363	105.559521	0.963120	105.623690	
2010	157	1100	157.458333333	06/06/2010 11:00	06/06/2010 10:00	95.982	1.36421	0.394	16.62	0.43	13.52	42.6564	105.556344	105.556229	0.959820	105.620390	
2010	157	1200	157.500000000	06/06/2010 12:00	06/06/2010 11:00	95.939	1.36360	0.394	16.61	0.43	13.48	42.6578	105.555915	105.555800	0.959390	105.619960	
2010	157	1300	157.541666667	06/06/2010 13:00	06/06/2010 12:00	96.226	1.36768	0.394	16.61	0.43	13.44	42.6484	105.5587783	105.558663	0.962260	105.622830	
2010	157	1400	157.583333333	06/06/2010 14:00	06/06/2010 13:00	96.107	1.36599	0.394	16.61	0.43	13.42	42.6523	105.5575911	105.557476	0.961070	105.621640	
2010	157	1500	157.625000000	06/06/2010 15:00	06/06/2010 14:00	94.793	1.34731	0.394	16.61	0.43	13.38	42.6953	105.5444818	105.544366	0.947930	105.608500	
2010	157	1600	157.666666667	06/06/2010 16:00	06/06/2010 15:00	95.311	1.35468	0.394	16.59	0.43	13.41	42.6783	105.5496497	105.549534	0.953110	105.613680	
2010	157	1700	157.708333333	06/06/2010 17:00	06/06/2010 16:00	94.784	1.34719	0.394	16.6	0.43	13.45	42.6956	105.544392	105.544277	0.947840	105.608410	
2010	157	1800	157.750000000	06/06/2010 18:00	06/06/2010 17:00	95.297	1.35448	0.394	16.61	0.43	13.4	42.6788	105.54951	105.549395	0.952970	105.613540	
2010	157	1900	157.791666667	06/06/2010 19:00	06/06/2010 18:00	94.912	1.34901	0.394	16.61	0.43	13.28	42.6914	105.545669	105.545554	0.949120	105.609690	
2010	157	2000	157.833333333	06/06/2010 20:00	06/06/2010 19:00	94.84	1.34798	0.394	16.6	0.43	13.19	42.6937	105.5449507	105.544835	0.948400	105.608970	
2010	157	2100	157.875000000	06/06/2010 21:00	06/06/2010 20:00	94.739	1.34655	0.394	16.6	0.43	13.12	42.6970	105.5439431	105.543828	0.947390	105.607960	
2010	157	2200	157.916666667	06/06/2010 22:00	06/06/2010 21:00	94.735	1.34649	0.394	16.61	0.43	13.07	42.6972	105.5439032	105.543788	0.947350	105.607920	
2010	157	2300	157.958333333	06/06/2010 23:00	06/06/2010 22:00	94.461	1.34260	0.394	16.61	0.43	13.03	42.7061	105.5411696	105.541054	0.944610	105.605180	
2010	157	2400	158.000000000	06/07/2010 0:00	06/06/2010 23:00	94.44	1.34230	0.394	16.59	0.43	12.99	42.7068	105.5409601	105.540845	0.944400	105.604970	
2010	158	100	158.041666667	06/07/2010 1:00	06/07/2010 0:00	94.422	1.34204	0.394	16.61	0.43	12.96	42.7074	105.5407805	105.540665	0.944220	105.604790	
2010	158	200	158.083333333	06/07/2010 2:00	06/07/2010 1:00	94.322	1.34062	0.393	16.6	0.429	12.94	42.7107	105.5397828	105.539667	0.943220	105.603790	
2010	158	300	158.125000000	06/07/2010 3:00	06/07/2010 2:00	94.302	1.34034	0.393	16.59	0.43	12.92	42.7113	105.5395833	105.539468	0.943020	105.603590	
2010	158	400	158.166666667	06/07/2010 4:00	06/07/2010 3:00	94.115	1.33768	0.394	16.58	0.43	12.91	42.7175	105.5377177	105.537602	0.941150	105.601720	
2010	158	500	158.208333333	06/07/2010 5:00	06/07/2010 4:00	93.963	1.33552	0.393	16.6	0.429	12.89	42.7224	105.5362012	105.536086	0.939630	105.600200	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	158	600	158.250000000	06/07/2010 6:00	06/07/2010 5:00	93.902	1.33465	0.393	16.6	0.429	13.26	42.7244	105.5355927	105.535477	0.939020	105.599590	
2010	158	700	158.291666667	06/07/2010 7:00	06/07/2010 6:00	94.229	1.33930	0.393	16.61	0.43	13.66	42.7137	105.538855	105.538740	0.942290	105.602860	
2010	158	800	158.333333333	06/07/2010 8:00	06/07/2010 7:00	93.635	1.33086	0.393	16.6	0.429	13.54	42.7332	105.5329289	105.532814	0.936350	105.596920	
2010	158	900	158.375000000	06/07/2010 9:00	06/07/2010 8:00	94.18	1.33860	0.393	16.61	0.43	13.48	42.7153	105.5383662	105.538251	0.941800	105.602370	
2010	158	1000	158.416666667	06/07/2010 10:00	06/07/2010 9:00	94.614	1.34477	0.393	16.6	0.429	13.45	42.7011	105.542696	105.542581	0.946140	105.606710	
2010	158	1100	158.458333333	06/07/2010 11:00	06/07/2010 10:00	94.665	1.34550	0.393	16.61	0.429	13.42	42.6995	105.5432048	105.543089	0.946650	105.607220	
2010	158	1200	158.500000000	06/07/2010 12:00	06/07/2010 11:00	95.719	1.36048	0.393	16.63	0.429	13.4	42.6650	105.5537201	105.553605	0.957190	105.617760	
2010	158	1300	158.541666667	06/07/2010 13:00	06/07/2010 12:00	96.331	1.36917	0.393	16.61	0.429	13.41	42.6449	105.5598258	105.559710	0.963310	105.623880	
2010	158	1400	158.583333333	06/07/2010 14:00	06/07/2010 13:00	96.024	1.36481	0.393	16.59	0.43	13.38	42.6550	105.556763	105.556648	0.960240	105.620810	
2010	158	1500	158.625000000	06/07/2010 15:00	06/07/2010 14:00	96.816	1.37607	0.393	16.61	0.429	13.35	42.6291	105.5646645	105.564549	0.968160	105.628730	
2010	158	1600	158.666666667	06/07/2010 16:00	06/07/2010 15:00	97.031	1.37912	0.394	16.58	0.43	13.33	42.6220	105.5668095	105.566694	0.970310	105.630880	
2010	158	1700	158.708333333	06/07/2010 17:00	06/07/2010 16:00	97.781	1.38978	0.394	16.59	0.43	13.34	42.5975	105.5742919	105.574177	0.977810	105.638380	
2010	158	1800	158.750000000	06/07/2010 18:00	06/07/2010 17:00	97.826	1.39042	0.394	16.6	0.43	13.36	42.5960	105.5747409	105.574626	0.978260	105.638830	
2010	158	1900	158.791666667	06/07/2010 19:00	06/07/2010 18:00	98.495	1.39993	0.394	16.57	0.43	13.26	42.5741	105.5814152	105.581300	0.984950	105.645520	
2010	158	2000	158.833333333	06/07/2010 20:00	06/07/2010 19:00	98.55	1.40071	0.394	16.6	0.43	13.15	42.5723	105.5819639	105.581849	0.985500	105.646070	
2010	158	2100	158.875000000	06/07/2010 21:00	06/07/2010 20:00	98.642	1.40202	0.394	16.6	0.43	13.09	42.5693	105.5828818	105.582766	0.986420	105.646990	
2010	158	2200	158.916666667	06/07/2010 22:00	06/07/2010 21:00	98.635	1.40192	0.394	16.6	0.43	13.04	42.5695	105.5828119	105.582697	0.986350	105.646920	
2010	158	2300	158.958333333	06/07/2010 23:00	06/07/2010 22:00	98.569	1.40098	0.394	16.6	0.43	13	42.5717	105.5821535	105.582038	0.985690	105.646260	
2010	158	2400	159.000000000	06/08/2010 0:00	06/07/2010 23:00	98.583	1.40118	0.394	16.62	0.43	12.97	42.5712	105.5822931	105.582178	0.985830	105.646400	
2010	159	100	159.041666667	06/08/2010 1:00	06/08/2010 0:00	98.406	1.39867	0.394	16.59	0.43	12.94	42.5770	105.5805273	105.580412	0.984060	105.644630	
2010	159	200	159.083333333	06/08/2010 2:00	06/08/2010 1:00	98.435	1.39908	0.394	16.6	0.43	12.92	42.5761	105.5808166	105.580701	0.984350	105.644920	
2010	159	300	159.125000000	06/08/2010 3:00	06/08/2010 2:00	98.385	1.39837	0.394	16.59	0.43	12.9	42.5777	105.5803178	105.580202	0.983850	105.644420	
2010	159	400	159.166666667	06/08/2010 4:00	06/08/2010 3:00	98.3	1.39716	0.394	16.6	0.43	12.89	42.5805	105.5794698	105.579354	0.983000	105.643570	
2010	159	500	159.208333333	06/08/2010 5:00	06/08/2010 4:00	97.795	1.38998	0.393	16.6	0.429	12.88	42.5970	105.5744316	105.574316	0.977950	105.638520	
2010	159	600	159.250000000	06/08/2010 6:00	06/08/2010 5:00	97.717	1.38887	0.393	16.6	0.429	12.99	42.5996	105.5736534	105.573538	0.977170	105.637740	
2010	159	700	159.291666667	06/08/2010 7:00	06/08/2010 6:00	97.458	1.38519	0.393	16.6	0.429	13.64	42.6080	105.5710695	105.570954	0.974580	105.635150	
2010	159	800	159.333333333	06/08/2010 8:00	06/08/2010 7:00	97.24	1.38209	0.393	16.61	0.429	13.59	42.6152	105.5688946	105.568779	0.972400	105.632970	
2010	159	900	159.375000000	06/08/2010 9:00	06/08/2010 8:00	97.445	1.38501	0.393	16.61	0.429	13.51	42.6085	105.5709398	105.570824	0.974450	105.635020	
2010	159	1000	159.416666667	06/08/2010 10:00	06/08/2010 9:00	97.403	1.38441	0.393	16.61	0.429	13.47	42.6098	105.5705207	105.570405	0.974030	105.634600	
2010	159	1100	159.458333333	06/08/2010 11:00	06/08/2010 10:00	97.782	1.38980	0.393	16.6	0.429	13.41	42.5974	105.5743019	105.574187	0.977820	105.638390	
2010	159	1200	159.500000000	06/08/2010 12:00	06/08/2010 11:00	98.648	1.40211	0.393	16.61	0.429	13.37	42.5691	105.5829416	105.582826	0.986480	105.647050	
2010	159	1300	159.541666667	06/08/2010 13:00	06/08/2010 12:00	98.652	1.40216	0.393	16.6	0.429	13.36	42.5690	105.5829815	105.582866	0.986520	105.647090	
2010	159	1400	159.583333333	06/08/2010 14:00	06/08/2010 13:00	99.631	1.41608	0.394	16.61	0.43	13.34	42.5369	105.5927486	105.592633	0.996310	105.656880	
2010	159	1500	159.625000000	06/08/2010 15:00	06/08/2010 14:00	100.87	1.43369	0.393	16.61	0.43	13.32	42.4964	105.6051096	105.604994	1.008700	105.669270	
2010	159	1600	159.666666667	06/08/2010 16:00	06/08/2010 15:00	101.16	1.43781	0.393	16.59	0.429	13.33	42.4869	105.6080028	105.607888	1.011600	105.672170	
2010	159	1700	159.708333333	06/08/2010 17:00	06/08/2010 16:00	102.7	1.45970	0.393	16.62	0.429	13.35	42.4365	105.6233668	105.623251	1.027000	105.687570	
2010	159	1800	159.750000000	06/08/2010 18:00	06/08/2010 17:00	103.7	1.47391	0.394	16.59	0.43	13.33	42.4037	105.6333434	105.633228	1.037000	105.697570	
2010	159	1900	159.791666667	06/08/2010 19:00	06/08/2010 18:00	104.76	1.48898	0.394	16.59	0.43	13.19	42.3690	105.6439186	105.643803	1.047599	105.708170	
2010	159	2000	159.833333333	06/08/2010 20:00	06/08/2010 19:00	105.64	1.50149	0.394	16.59	0.43	13.12	42.3402	105.652698	105.652583	1.056399	105.716970	
2010	159	2100	159.875000000	06/08/2010 21:00	06/08/2010 20:00	106.66	1.51598	0.394	16.62	0.43	13.06	42.3068	105.6628742	105.662759	1.066599	105.727170	
2010	159	2200	159.916666667	06/08/2010 22:00	06/08/2010 21:00	107.64	1.52991	0.394	16.6	0.43	13.01	42.2748	105.6726512	105.672536	1.076399	105.736970	
2010	159	2300	159.958333333	06/08/2010 23:00	06/08/2010 22:00	108.46	1.54157	0.395	16.6	0.431	12.98	42.2479	105.6808321	105.680717	1.084599	105.745170	
2010	159	2400	160.000000000	06/09/2010 0:00	06/08/2010 23:00	109.21	1.55223	0.395	16.61	0.431	12.95	42.2234	105.6883145	105.688199	1.092099	105.752670	
2010	160	100	160.041666667	06/09/2010 1:00	06/09/2010 0:00	110.13	1.56530	0.395	16.6	0.431	12.92	42.1933	105.697493	105.697378	1.101299	105.761870	
2010	160	200	160.083333333	06/09/2010 2:00	06/09/2010 1:00	110.94	1.57682	0.395	16.6	0.431	12.92	42.1668	105.705574	105.705459	1.109399	105.769970	
2010	160	300	160.125000000	06/09/2010 3:00	06/09/2010 2:00	111.76	1.58847	0.395	16.59	0.431	12.9	42.1399	105.7137549	105.713640	1.117599	105.778170	
2010	160	400	160.166666667	06/09/2010 4:00	06/09/2010 3:00	112.56	1.59984	0.395	16.59	0.431	12.9	42.1137	105.7217361	105.721621	1.125599	105.786170	
2010	160	500	160.208333333	06/09/2010 5:00	06/09/2010 4:00	113.27	1.60993	0.395	16.6	0.432	12.97	42.0905	105.7288195	105.728704	1.132699	105.793270	
2010	160	600	160.250000000	06/09/2010 6:00	06/09/2010 5:00	114.16	1.62258	0.395	16.59	0.432	13.27	42.0614	105.7376987	105.737583	1.141599	105.802170	
2010	160	700	160.291666667	06/09/2010 7:00	06/09/2010 6:00	115.31	1.63893	0.396	16.6	0.432	13.6	42.0237	105.7491718	105.749056	1.153099	105.813670	
2010	160	800	160.333333333	06/09/2010 8:00	06/09/2010 7:00	117.48	1.66977	0.396	16.61	0.432	13.56	41.9527	105.770821	105.770706	1.174799	105.835370	
2010	160	900	160.375000000	06/09/2010 9:00	06/09/2010 8:00	116.81	1.66025	0.396	16.6	0.432	13.52	41.9746	105.7641367	105.764021	1.168099	105.828670	
2010	160	1000	160.416666667	06/09/2010 10:00	06/09/2010 9:00	121.34	1.72463	0.396	16.62	0.432	13.49	41.8263	105.8093307	105.809215	1.213399	105.873970	
2010	160	1100	160.458333333	06/09/2010 11:00	06/09/2010 10:00	120.7	1.71554	0.396	16.6	0.433	13.53	41.8473	105.8029457	105.802830	1.206999	105.867570	
2010	160	1200	160.500000000	06/09/2010 12:00	06/09/2010 11:00	122.31	1.73842	0.397	16.61	0.433	13.46	41.7946	105.819008	105.818893	1.223099	105.883670	
2010	160	1300	160.541666667	06/09/2010 13:00	06/09/2010 12:00	123.9	1.76102	0.397	16.6	0.433	13.46	41.7425	105.8348708	105.834755	1.238999	105.899570	
2010	160	1400	160.583333333	06/09/2010 14:00	06/09/2010 13:00	125.66	1.78603	0.397	16.6	0.433	13.43	41.6849	105.8524296	105.852314	1.256599	105.917170	
2010	160	1500	160.625000000	06/09/2010 15:00	06/09/2010 14:00	127.35	1.81005	0.397	16.6	0.433	13.44	41.6296	105.8692901	105.869175	1.273499	105.934070	
2010	160	1600	160.666666667	06/09/2010 16:00	06/09/2010 15:00	129.46	1.84004	0.397	16.59	0.433	13.45	41.5606	105.8903407	105.890225	1.294599	105.955170	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	160	1700	160.708333333	06/09/2010 17:00	06/09/2010 16:00	129.49	1.84047	0.396	16.6	0.433	13.47	41.5596	105.89064	105.890525	1.294899	105.955470	
2010	160	1800	160.750000000	06/09/2010 18:00	06/09/2010 17:00	130.49	1.85468	0.396	16.6	0.433	13.49	41.5268	105.9006166	105.900501	1.304899	105.965470	
2010	160	1900	160.791666667	06/09/2010 19:00	06/09/2010 18:00	131.86	1.87416	0.396	16.59	0.433	13.36	41.4820	105.9142846	105.914169	1.318599	105.979170	
2010	160	2000	160.833333333	06/09/2010 20:00	06/09/2010 19:00	132.54	1.88382	0.396	16.59	0.432	13.25	41.4597	105.9210687	105.920953	1.325399	105.985970	
2010	160	2100	160.875000000	06/09/2010 21:00	06/09/2010 20:00	133.31	1.89477	0.396	16.6	0.432	13.18	41.4345	105.9287507	105.928635	1.333099	105.993670	
2010	160	2200	160.916666667	06/09/2010 22:00	06/09/2010 21:00	134.12	1.90628	0.395	16.59	0.432	13.12	41.4080	105.9368317	105.936716	1.341199	106.001770	
2010	160	2300	160.958333333	06/09/2010 23:00	06/09/2010 22:00	134.69	1.91438	0.395	16.59	0.431	13.07	41.3894	105.9425184	105.942403	1.346899	106.007470	
2010	160	2400	161.000000000	06/10/2010 0:00	06/09/2010 23:00	135.33	1.92348	0.395	16.6	0.431	13.04	41.3684	105.9489034	105.948788	1.353299	106.013870	
2010	161	100	161.041666667	06/10/2010 1:00	06/10/2010 0:00	135.96	1.93243	0.394	16.59	0.43	13	41.3478	105.9551887	105.955073	1.359599	106.020170	
2010	161	200	161.083333333	06/10/2010 2:00	06/10/2010 1:00	136.67	1.94252	0.394	16.58	0.43	12.97	41.3246	105.9622721	105.962157	1.366699	106.027270	
2010	161	300	161.125000000	06/10/2010 3:00	06/10/2010 2:00	137.37	1.95247	0.393	16.57	0.43	12.95	41.3017	105.9692557	105.969140	1.373699	106.034270	
2010	161	400	161.166666667	06/10/2010 4:00	06/10/2010 3:00	138.2	1.96427	0.392	16.58	0.429	12.92	41.2745	105.9775363	105.977421	1.381999	106.042570	
2010	161	500	161.208333333	06/10/2010 5:00	06/10/2010 4:00	138.9	1.97422	0.392	16.57	0.428	12.91	41.2516	105.9845199	105.984405	1.388999	106.049570	
2010	161	600	161.250000000	06/10/2010 6:00	06/10/2010 5:00	139.96	1.98928	0.392	16.58	0.428	13.72	41.2169	105.9950951	105.994980	1.399599	106.060170	
2010	161	700	161.291666667	06/10/2010 7:00	06/10/2010 6:00	141.31	2.00847	0.391	16.58	0.427	13.7	41.1727	106.0085635	106.008448	1.413099	106.073670	
2010	161	800	161.333333333	06/10/2010 8:00	06/10/2010 7:00	142.86	2.03050	0.391	16.57	0.427	13.66	41.1220	106.0240272	106.023912	1.428599	106.089170	
2010	161	900	161.375000000	06/10/2010 9:00	06/10/2010 8:00	143.99	2.04656	0.389	16.58	0.425	13.6	41.0850	106.0353008	106.035185	1.439899	106.100470	
2010	161	1000	161.416666667	06/10/2010 10:00	06/10/2010 9:00	145.43	2.06703	0.389	16.57	0.425	13.54	41.0378	106.0496671	106.049552	1.454299	106.114870	
2010	161	1100	161.458333333	06/10/2010 11:00	06/10/2010 10:00	146.16	2.07741	0.388	16.57	0.423	13.5	41.0139	106.05695	106.056835	1.461599	106.122170	
2010	161	1200	161.500000000	06/10/2010 12:00	06/10/2010 11:00	147.95	2.10285	0.387	16.55	0.422	13.47	40.9554	106.0748081	106.074693	1.479499	106.140070	
2010	161	1300	161.541666667	06/10/2010 13:00	06/10/2010 12:00	148.91	2.11649	0.386	16.56	0.421	13.47	40.9239	106.0843857	106.084270	1.489099	106.149670	
2010	161	1400	161.583333333	06/10/2010 14:00	06/10/2010 13:00	150.74	2.14250	0.384	16.56	0.42	13.46	40.8640	106.1026429	106.102528	1.507399	106.167970	
2010	161	1500	161.625000000	06/10/2010 15:00	06/10/2010 14:00	151.66	2.15558	0.383	16.57	0.419	13.57	40.8339	106.1118213	106.111706	1.516599	106.177170	
2010	161	1600	161.666666667	06/10/2010 16:00	06/10/2010 15:00	152.03	2.16084	0.382	16.56	0.417	13.59	40.8218	106.1155127	106.115397	1.520299	106.180870	
2010	161	1700	161.708333333	06/10/2010 17:00	06/10/2010 16:00	153.36	2.17974	0.381	16.56	0.416	13.53	40.7783	106.1287816	106.128666	1.533599	106.194170	
2010	161	1800	161.750000000	06/10/2010 18:00	06/10/2010 17:00	152.67	2.16993	0.379	16.54	0.414	13.56	40.8009	106.1218977	106.121782	1.526699	106.187270	
2010	161	1900	161.791666667	06/10/2010 19:00	06/10/2010 18:00	153.19	2.17732	0.378	16.55	0.412	13.5	40.7838	106.1270856	106.126970	1.531899	106.192470	
2010	161	2000	161.833333333	06/10/2010 20:00	06/10/2010 19:00	153.15	2.17676	0.376	16.54	0.411	13.35	40.7851	106.1266865	106.126571	1.531499	106.192070	
2010	161	2100	161.875000000	06/10/2010 21:00	06/10/2010 20:00	152.94	2.17377	0.375	16.53	0.409	13.26	40.7920	106.1245914	106.124476	1.529399	106.189970	
2010	161	2200	161.916666667	06/10/2010 22:00	06/10/2010 21:00	152.96	2.17406	0.373	16.54	0.408	13.18	40.7914	106.1247909	106.124676	1.529599	106.190170	
2010	161	2300	161.958333333	06/10/2010 23:00	06/10/2010 22:00	153.31	2.17903	0.372	16.53	0.406	13.13	40.7799	106.1282827	106.128167	1.533099	106.193670	
2010	161	2400	162.000000000	06/11/2010 0:00	06/10/2010 23:00	153.74	2.18514	0.37	16.54	0.405	13.08	40.7658	106.1325727	106.132457	1.537399	106.197970	
2010	162	100	162.041666667	06/11/2010 1:00	06/11/2010 0:00	154.45	2.19523	0.369	16.54	0.403	13.04	40.7426	106.1396561	106.139541	1.544499	106.205070	
2010	162	200	162.083333333	06/11/2010 2:00	06/11/2010 1:00	155.09	2.20433	0.367	16.53	0.401	13	40.7216	106.1460411	106.145926	1.550899	106.211470	
2010	162	300	162.125000000	06/11/2010 3:00	06/11/2010 2:00	155.75	2.21371	0.366	16.53	0.399	12.97	40.7000	106.1526257	106.152510	1.557499	106.218070	
2010	162	400	162.166666667	06/11/2010 4:00	06/11/2010 3:00	156.18	2.21982	0.364	16.52	0.397	12.95	40.6860	106.1569156	106.156800	1.561799	106.222370	
2010	162	500	162.208333333	06/11/2010 5:00	06/11/2010 4:00	156.4	2.22295	0.362	16.53	0.395	12.93	40.6788	106.1591104	106.158995	1.563999	106.224570	
2010	162	600	162.250000000	06/11/2010 6:00	06/11/2010 5:00	156.23	2.22053	0.36	16.53	0.393	12.97	40.6843	106.1574144	106.157299	1.562299	106.222870	
2010	162	700	162.291666667	06/11/2010 7:00	06/11/2010 6:00	156.52	2.22465	0.358	16.52	0.391	13.61	40.6748	106.1603076	106.160192	1.565199	106.225770	
2010	162	800	162.333333333	06/11/2010 8:00	06/11/2010 7:00	156.68	2.22693	0.357	16.54	0.389	13.58	40.6696	106.1619039	106.161789	1.566799	106.227370	
2010	162	900	162.375000000	06/11/2010 9:00	06/11/2010 8:00	157.4	2.23716	0.355	16.52	0.387	13.54	40.6460	106.1690871	106.168972	1.573999	106.234570	
2010	162	1000	162.416666667	06/11/2010 10:00	06/11/2010 9:00	158.69	2.25550	0.353	16.52	0.385	13.5	40.6038	106.1819569	106.181842	1.586899	106.247470	
2010	162	1100	162.458333333	06/11/2010 11:00	06/11/2010 10:00	159.71	2.26999	0.351	16.51	0.383	13.46	40.5704	106.192133	106.192018	1.597099	106.257670	
2010	162	1200	162.500000000	06/11/2010 12:00	06/11/2010 11:00	160.8	2.28549	0.348	16.52	0.38	13.45	40.5348	106.2030075	106.202892	1.607999	106.268570	
2010	162	1300	162.541666667	06/11/2010 13:00	06/11/2010 12:00	163	2.31676	0.346	16.54	0.378	13.44	40.4627	106.224956	106.224841	1.629999	106.290570	
2010	162	1400	162.583333333	06/11/2010 14:00	06/11/2010 13:00	164.27	2.33481	0.342	16.5	0.374	13.41	40.4212	106.2376263	106.237511	1.642699	106.303270	
2010	162	1500	162.625000000	06/11/2010 15:00	06/11/2010 14:00	166.53	2.36693	0.339	16.54	0.371	13.38	40.3472	106.2601734	106.260058	1.665299	106.325870	
2010	162	1600	162.666666667	06/11/2010 16:00	06/11/2010 15:00	167.83	2.38541	0.336	16.5	0.367	13.37	40.3046	106.273143	106.273028	1.678299	106.338870	
2010	162	1700	162.708333333	06/11/2010 17:00	06/11/2010 16:00	168.3	2.39209	0.333	16.51	0.364	13.37	40.2893	106.277832	106.277717	1.682999	106.343570	
2010	162	1800	162.750000000	06/11/2010 18:00	06/11/2010 17:00	169.45	2.40843	0.329	16.54	0.36	13.38	40.2516	106.2893051	106.289190	1.694499	106.355070	
2010	162	1900	162.791666667	06/11/2010 19:00	06/11/2010 18:00	170.08	2.41739	0.327	16.51	0.357	13.28	40.2310	106.2955904	106.295475	1.700799	106.361370	
2010	162	2000	162.833333333	06/11/2010 20:00	06/11/2010 19:00	170.78	2.42733	0.323	16.5	0.353	13.18	40.2081	106.302574	106.302459	1.707799	106.368370	
2010	162	2100	162.875000000	06/11/2010 21:00	06/11/2010 20:00	171.12	2.43217	0.32	16.49	0.35	13.11	40.1970	106.3059661	106.305851	1.711199	106.371770	
2010	162	2200	162.916666667	06/11/2010 22:00	06/11/2010 21:00	171.3	2.43473	0.317	16.52	0.347	13.05	40.1911	106.3077618	106.307647	1.712999	106.373570	
2010	162	2300	162.958333333	06/11/2010 23:00	06/11/2010 22:00	171.43	2.43657	0.315	16.52	0.344	13.02	40.1868	106.3090588	106.308943	1.714299	106.374870	
2010	162	2400	163.000000000	06/12/2010 0:00	06/11/2010 23:00	171.41	2.43629	0.312	16.5	0.341	12.98	40.1875	106.3088593	106.308744	1.714099	106.374670	
2010	163	100	163.041666667	06/12/2010 1:00	06/12/2010 0:00	171.41	2.43629	0.309	16.5	0.338	12.96	40.1875	106.3088593	106.308744	1.714099	106.374670	
2010	163	200	163.083333333	06/12/2010 2:00	06/12/2010 1:00	171.34	2.43529	0.307	16.5	0.336	12.93	40.1898	106.3081609	106.308046	1.713399	106.373970	
2010	163	300	163.125000000	06/12/2010 3:00	06/12/2010 2:00	171.33	2.43515	0.305	16.5	0.333	12.91	40.1901	106.3080611	106.307946	1.713299	106.373870	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	163	400	163.166666667	06/12/2010 4:00	06/12/2010 3:00	171.27	2.43430	0.303	16.49	0.331	12.9	40.1921	106.3074625	106.307347	1.712699	106.373270	
2010	163	500	163.208333333	06/12/2010 5:00	06/12/2010 4:00	171.01	2.43060	0.3	16.5	0.328	12.89	40.2006	106.3048686	106.304753	1.710099	106.370670	
2010	163	600	163.250000000	06/12/2010 6:00	06/12/2010 5:00	170.7	2.42620	0.298	16.5	0.326	12.92	40.2107	106.3017759	106.301661	1.706999	106.367570	
2010	163	700	163.291666667	06/12/2010 7:00	06/12/2010 6:00	170.97	2.43004	0.297	16.51	0.324	13.57	40.2019	106.3044696	106.304354	1.709699	106.370270	
2010	163	800	163.333333333	06/12/2010 8:00	06/12/2010 7:00	170.67	2.42577	0.295	16.51	0.322	13.54	40.2117	106.3014766	106.301361	1.706699	106.367270	
2010	163	900	163.375000000	06/12/2010 9:00	06/12/2010 8:00	171.26	2.43416	0.293	16.5	0.32	13.48	40.1924	106.3073628	106.307247	1.712599	106.373170	
2010	163	1000	163.416666667	06/12/2010 10:00	06/12/2010 9:00	170.39	2.42179	0.291	16.5	0.319	13.42	40.2209	106.2986831	106.298568	1.703899	106.364470	
2010	163	1100	163.458333333	06/12/2010 11:00	06/12/2010 10:00	170.82	2.42790	0.29	16.5	0.317	13.38	40.2068	106.3029731	106.302858	1.708199	106.368770	
2010	163	1200	163.500000000	06/12/2010 12:00	06/12/2010 11:00	170.31	2.42065	0.289	16.48	0.315	13.35	40.2235	106.297885	106.297770	1.703099	106.363670	
2010	163	1300	163.541666667	06/12/2010 13:00	06/12/2010 12:00	169.8	2.41341	0.287	16.48	0.314	13.35	40.2402	106.2927969	106.292682	1.697999	106.358570	
2010	163	1400	163.583333333	06/12/2010 14:00	06/12/2010 13:00	170.17	2.41866	0.286	16.5	0.312	13.32	40.2281	106.2964883	106.296373	1.701699	106.362270	
2010	163	1500	163.625000000	06/12/2010 15:00	06/12/2010 14:00	171.02	2.43075	0.284	16.52	0.311	13.28	40.2002	106.3049684	106.304853	1.710199	106.370770	
2010	163	1600	163.666666667	06/12/2010 16:00	06/12/2010 15:00	170.74	2.42677	0.283	16.5	0.31	13.27	40.2094	106.3021749	106.302060	1.707399	106.367970	
2010	163	1700	163.708333333	06/12/2010 17:00	06/12/2010 16:00	170.93	2.42947	0.282	16.49	0.308	13.26	40.2032	106.3040705	106.303955	1.709299	106.369870	
2010	163	1800	163.750000000	06/12/2010 18:00	06/12/2010 17:00	170.47	2.42293	0.281	16.5	0.307	13.28	40.2182	106.2994813	106.299366	1.704699	106.365270	
2010	163	1900	163.791666667	06/12/2010 19:00	06/12/2010 18:00	169.65	2.41127	0.28	16.5	0.305	13.19	40.2451	106.2913005	106.291185	1.696499	106.357070	
2010	163	2000	163.833333333	06/12/2010 20:00	06/12/2010 19:00	169.3	2.40630	0.279	16.49	0.305	13.09	40.2565	106.2878086	106.287693	1.692999	106.353570	
2010	163	2100	163.875000000	06/12/2010 21:00	06/12/2010 20:00	168.52	2.39521	0.279	16.51	0.305	13.04	40.2821	106.2800269	106.279912	1.685199	106.345770	
2010	163	2200	163.916666667	06/12/2010 22:00	06/12/2010 21:00	167.36	2.37873	0.278	16.49	0.304	12.99	40.3200	106.268454	106.268339	1.673599	106.334170	
2010	163	2300	163.958333333	06/12/2010 23:00	06/12/2010 22:00	166.19	2.36210	0.282	16.51	0.308	12.96	40.3583	106.2567814	106.256666	1.661899	106.322470	
2010	163	2400	164.000000000	06/13/2010 0:00	06/12/2010 23:00	164.99	2.34504	0.283	16.5	0.309	12.94	40.3976	106.2448095	106.244694	1.649899	106.310470	
2010	164	100	164.041666667	06/13/2010 1:00	06/13/2010 0:00	163.85	2.32884	0.291	16.49	0.318	12.92	40.4349	106.2334361	106.233321	1.638499	106.299070	
2010	164	200	164.083333333	06/13/2010 2:00	06/13/2010 1:00	162.68	2.31221	0.295	16.48	0.322	12.91	40.4732	106.2217635	106.221648	1.626799	106.287370	
2010	164	300	164.125000000	06/13/2010 3:00	06/13/2010 2:00	161.51	2.29558	0.295	16.5	0.322	12.9	40.5115	106.2100909	106.209976	1.615099	106.275670	
2010	164	400	164.166666667	06/13/2010 4:00	06/13/2010 3:00	160.54	2.28179	0.293	16.51	0.32	12.89	40.5433	106.2004136	106.200298	1.605399	106.265970	
2010	164	500	164.208333333	06/13/2010 5:00	06/13/2010 4:00	159.3	2.26417	0.292	16.49	0.319	12.89	40.5838	106.1880426	106.187927	1.592999	106.253570	
2010	164	600	164.250000000	06/13/2010 6:00	06/13/2010 5:00	158.63	2.25464	0.292	16.51	0.319	12.94	40.6058	106.1813583	106.181243	1.586299	106.246870	
2010	164	700	164.291666667	06/13/2010 7:00	06/13/2010 6:00	158.05	2.24640	0.292	16.49	0.319	13.54	40.6248	106.1755718	106.175456	1.580499	106.241070	
2010	164	800	164.333333333	06/13/2010 8:00	06/13/2010 7:00	157.27	2.23531	0.292	16.49	0.319	13.49	40.6503	106.1677901	106.167675	1.572699	106.233270	
2010	164	900	164.375000000	06/13/2010 9:00	06/13/2010 8:00	157.27	2.23531	0.292	16.5	0.319	13.43	40.6503	106.1677901	106.167675	1.572699	106.233270	
2010	164	1000	164.416666667	06/13/2010 10:00	06/13/2010 9:00	156.94	2.23062	0.294	16.52	0.321	13.37	40.6611	106.1644978	106.164382	1.569399	106.229970	
2010	164	1100	164.458333333	06/13/2010 11:00	06/13/2010 10:00	157.05	2.23219	0.294	16.51	0.321	13.31	40.6575	106.1655952	106.165480	1.570499	106.231070	
2010	164	1200	164.500000000	06/13/2010 12:00	06/13/2010 11:00	157.35	2.23645	0.294	16.51	0.322	13.26	40.6477	106.1685882	106.168473	1.573499	106.234070	
2010	164	1300	164.541666667	06/13/2010 13:00	06/13/2010 12:00	158.21	2.24867	0.294	16.53	0.321	13.26	40.6195	106.1771681	106.177053	1.582099	106.242670	
2010	164	1400	164.583333333	06/13/2010 14:00	06/13/2010 13:00	157.99	2.24555	0.298	16.51	0.326	13.22	40.6267	106.1749732	106.174858	1.579899	106.240470	
2010	164	1500	164.625000000	06/13/2010 15:00	06/13/2010 14:00	158.43	2.25180	0.295	16.51	0.323	13.19	40.6123	106.179363	106.179248	1.584299	106.244870	
2010	164	1600	164.666666667	06/13/2010 16:00	06/13/2010 15:00	159	2.25990	0.292	16.52	0.319	13.17	40.5937	106.1850496	106.184934	1.589999	106.250570	
2010	164	1700	164.708333333	06/13/2010 17:00	06/13/2010 16:00	159.98	2.27383	0.291	16.51	0.318	13.18	40.5616	106.1948267	106.194711	1.599799	106.260370	
2010	164	1800	164.750000000	06/13/2010 18:00	06/13/2010 17:00	160.17	2.27653	0.29	16.51	0.317	13.2	40.5554	106.1967222	106.196607	1.601699	106.262270	
2010	164	1900	164.791666667	06/13/2010 19:00	06/13/2010 18:00	160.52	2.28151	0.289	16.49	0.316	13.1	40.5439	106.2002141	106.200099	1.605199	106.265770	
2010	164	2000	164.833333333	06/13/2010 20:00	06/13/2010 19:00	160.28	2.27810	0.289	16.5	0.316	13.03	40.5518	106.1978197	106.197704	1.602799	106.263370	
2010	164	2100	164.875000000	06/13/2010 21:00	06/13/2010 20:00	159.75	2.27056	0.289	16.49	0.316	12.99	40.5691	106.1925321	106.192417	1.597499	106.258070	
2010	164	2200	164.916666667	06/13/2010 22:00	06/13/2010 21:00	159.38	2.26530	0.29	16.49	0.317	12.97	40.5812	106.1888407	106.188725	1.593799	106.254370	
2010	164	2300	164.958333333	06/13/2010 23:00	06/13/2010 22:00	158.78	2.25678	0.29	16.51	0.317	12.96	40.6009	106.1828548	106.182739	1.587799	106.248370	
2010	164	2400	165.000000000	06/14/2010 0:00	06/13/2010 23:00	158.19	2.24839	0.295	16.5	0.322	12.95	40.6202	106.1769686	106.176853	1.581899	106.242470	
2010	165	100	165.041666667	06/14/2010 1:00	06/14/2010 0:00	157.72	2.24171	0.296	16.5	0.323	12.93	40.6356	106.1722796	106.172164	1.577199	106.237770	
2010	165	200	165.083333333	06/14/2010 2:00	06/14/2010 1:00	157.34	2.23631	0.299	16.5	0.326	12.93	40.6480	106.1684885	106.168373	1.573399	106.233970	
2010	165	300	165.125000000	06/14/2010 3:00	06/14/2010 2:00	156.88	2.22977	0.299	16.49	0.327	12.92	40.6631	106.1638992	106.163784	1.568799	106.229370	
2010	165	400	165.166666667	06/14/2010 4:00	06/14/2010 3:00	156.44	2.22352	0.298	16.5	0.325	12.92	40.6775	106.1595095	106.159394	1.564399	106.224970	
2010	165	500	165.208333333	06/14/2010 5:00	06/14/2010 4:00	155.35	2.20802	0.297	16.51	0.325	12.91	40.7131	106.148635	106.148520	1.553499	106.214070	
2010	165	600	165.250000000	06/14/2010 6:00	06/14/2010 5:00	154.75	2.19950	0.298	16.51	0.326	12.92	40.7328	106.1426491	106.142534	1.547499	106.208070	
2010	165	700	165.291666667	06/14/2010 7:00	06/14/2010 6:00	153.64	2.18372	0.299	16.52	0.326	13.6	40.7691	106.131575	106.131460	1.536399	106.196970	
2010	165	800	165.333333333	06/14/2010 8:00	06/14/2010 7:00	153.07	2.17562	0.299	16.51	0.327	13.58	40.7878	106.1258884	106.125773	1.530699	106.191270	
2010	165	900	165.375000000	06/14/2010 9:00	06/14/2010 8:00	152.58	2.16865	0.3	16.5	0.328	13.54	40.8038	106.1209998	106.120884	1.525799	106.186370	
2010	165	1000	165.416666667	06/14/2010 10:00	06/14/2010 9:00	152.76	2.17121	0.301	16.51	0.329	13.48	40.7979	106.1227956	106.122680	1.527599	106.188170	
2010	165	1100	165.458333333	06/14/2010 11:00	06/14/2010 10:00	154.28	2.19282	0.301	16.51	0.328	13.44	40.7482	106.13796	106.137845	1.542799	106.203370	
2010	165	1200	165.500000000	06/14/2010 12:00	06/14/2010 11:00	154.81	2.20035	0.3	16.53	0.328	13.41	40.7308	106.1432476	106.143132	1.548099	106.208670	
2010	165	1300	165.541666667	06/14/2010 13:00	06/14/2010 12:00	155.22	2.20618	0.306	16.52	0.334	13.41	40.7174	106.1473381	106.147223	1.552199	106.212770	
2010	165	1400	165.583333333	06/14/2010 14:00	06/14/2010 13:00	156.41	2.22309	0.3	16.51	0.328	13.39	40.6784	106.1592102	106.159095	1.564099	106.224670	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	165	1500	165.625000000	06/14/2010 15:00	06/14/2010 14:00	157.88	2.24398	0.297	16.51	0.325	13.36	40.6303	106.1738758	106.173760	1.578799	106.239370	
2010	165	1600	165.666666667	06/14/2010 16:00	06/14/2010 15:00	158.72	2.25592	0.293	16.52	0.32	13.34	40.6028	106.1822562	106.182141	1.587199	106.247770	
2010	165	1700	165.708333333	06/14/2010 17:00	06/14/2010 16:00	159.78	2.27099	0.288	16.51	0.315	13.34	40.5681	106.1928314	106.192716	1.597799	106.258370	
2010	165	1800	165.750000000	06/14/2010 18:00	06/14/2010 17:00	160.83	2.28591	0.284	16.5	0.311	13.31	40.5338	106.2033068	106.203191	1.608299	106.268870	
2010	165	1900	165.791666667	06/14/2010 19:00	06/14/2010 18:00	161.43	2.29444	0.282	16.52	0.308	13.26	40.5141	106.2092928	106.209177	1.614299	106.274870	
2010	165	2000	165.833333333	06/14/2010 20:00	06/14/2010 19:00	161.75	2.29899	0.279	16.48	0.305	13.17	40.5037	106.2124853	106.212370	1.617499	106.278070	
2010	165	2100	165.875000000	06/14/2010 21:00	06/14/2010 20:00	162.15	2.30467	0.278	16.49	0.304	13.11	40.4906	106.2164759	106.216361	1.621499	106.282070	
2010	165	2200	165.916666667	06/14/2010 22:00	06/14/2010 21:00	162.57	2.31064	0.275	16.48	0.301	13.07	40.4768	106.2206661	106.220551	1.625699	106.286270	
2010	165	2300	165.958333333	06/14/2010 23:00	06/14/2010 22:00	162.81	2.31406	0.274	16.48	0.299	13.03	40.4690	106.2230605	106.222945	1.628099	106.288670	
2010	165	2400	166.000000000	06/15/2010 0:00	06/14/2010 23:00	163.23	2.32003	0.273	16.48	0.299	13	40.4552	106.2272507	106.227135	1.632299	106.292870	
2010	166	100	166.041666667	06/15/2010 1:00	06/15/2010 0:00	163.39	2.32230	0.272	16.48	0.297	12.99	40.4500	106.2288469	106.228732	1.633899	106.294470	
2010	166	200	166.083333333	06/15/2010 2:00	06/15/2010 1:00	163.52	2.32415	0.271	16.48	0.297	12.97	40.4457	106.2301439	106.230029	1.635199	106.295770	
2010	166	300	166.125000000	06/15/2010 3:00	06/15/2010 2:00	163.76	2.32756	0.27	16.48	0.295	12.95	40.4379	106.2325383	106.232423	1.637599	106.298170	
2010	166	400	166.166666667	06/15/2010 4:00	06/15/2010 3:00	163.83	2.32855	0.269	16.46	0.294	12.93	40.4356	106.2332366	106.233121	1.638299	106.298870	
2010	166	500	166.208333333	06/15/2010 5:00	06/15/2010 4:00	163.57	2.32486	0.268	16.46	0.293	12.93	40.4441	106.2306427	106.230527	1.635699	106.296270	
2010	166	600	166.250000000	06/15/2010 6:00	06/15/2010 5:00	163.57	2.32486	0.268	16.49	0.293	13.07	40.4441	106.2306427	106.230527	1.635699	106.296270	
2010	166	700	166.291666667	06/15/2010 7:00	06/15/2010 6:00	163.7	2.32671	0.267	16.49	0.292	13.66	40.4398	106.2319397	106.231824	1.636999	106.297570	
2010	166	800	166.333333333	06/15/2010 8:00	06/15/2010 7:00	163.48	2.32358	0.266	16.48	0.291	13.62	40.4470	106.2297448	106.229629	1.634799	106.295370	
2010	166	900	166.375000000	06/15/2010 9:00	06/15/2010 8:00	163.99	2.33083	0.265	16.49	0.289	13.58	40.4303	106.2348329	106.234718	1.639899	106.300470	
2010	166	1000	166.416666667	06/15/2010 10:00	06/15/2010 9:00	165.12	2.34689	0.263	16.5	0.288	13.52	40.3934	106.2461064	106.245991	1.651199	106.311770	
2010	166	1100	166.458333333	06/15/2010 11:00	06/15/2010 10:00	165.27	2.34902	0.262	16.5	0.286	13.49	40.3884	106.2476029	106.247488	1.652699	106.313270	
2010	166	1200	166.500000000	06/15/2010 12:00	06/15/2010 11:00	166.35	2.36437	0.26	16.5	0.284	13.48	40.3531	106.2583777	106.258262	1.663499	106.324070	
2010	166	1300	166.541666667	06/15/2010 13:00	06/15/2010 12:00	167.89	2.38626	0.258	16.49	0.282	13.49	40.3027	106.2737416	106.273626	1.678899	106.339470	
2010	166	1400	166.583333333	06/15/2010 14:00	06/15/2010 13:00	170.39	2.42179	0.257	16.49	0.281	13.46	40.2209	106.2986831	106.298568	1.703899	106.364470	
2010	166	1500	166.625000000	06/15/2010 15:00	06/15/2010 14:00	170.24	2.41966	0.255	16.49	0.278	13.44	40.2258	106.2971866	106.297071	1.702399	106.362970	
2010	166	1600	166.666666667	06/15/2010 16:00	06/15/2010 15:00	171.93	2.44368	0.253	16.5	0.276	13.46	40.1704	106.3140471	106.313932	1.719299	106.379870	
2010	166	1700	166.708333333	06/15/2010 17:00	06/15/2010 16:00	173.17	2.46130	0.251	16.48	0.274	13.47	40.1299	106.3264181	106.326303	1.731699	106.392270	
2010	166	1800	166.750000000	06/15/2010 18:00	06/15/2010 17:00	173.87	2.47125	0.248	16.48	0.272	13.5	40.1069	106.3334017	106.333286	1.738699	106.399270	
2010	166	1900	166.791666667	06/15/2010 19:00	06/15/2010 18:00	174.94	2.48646	0.247	16.5	0.27	13.38	40.0719	106.3440767	106.343961	1.749399	106.409970	
2010	166	2000	166.833333333	06/15/2010 20:00	06/15/2010 19:00	175.68	2.49698	0.245	16.48	0.268	13.27	40.0477	106.3514594	106.351344	1.756799	106.417370	
2010	166	2100	166.875000000	06/15/2010 21:00	06/15/2010 20:00	176.22	2.50465	0.244	16.49	0.266	13.2	40.0300	106.3568467	106.356731	1.762199	106.422770	
2010	166	2200	166.916666667	06/15/2010 22:00	06/15/2010 21:00	176.44	2.50778	0.243	16.46	0.265	13.15	40.0228	106.3590416	106.358926	1.764399	106.424970	
2010	166	2300	166.958333333	06/15/2010 23:00	06/15/2010 22:00	176.66	2.51091	0.242	16.49	0.264	13.1	40.0156	106.3612364	106.361121	1.766599	106.427170	
2010	166	2400	167.000000000	06/16/2010 0:00	06/15/2010 23:00	176.7	2.51148	0.241	16.49	0.263	13.06	40.0143	106.3616355	106.361520	1.766999	106.427570	
2010	167	100	167.041666667	06/16/2010 1:00	06/16/2010 0:00	177.02	2.51603	0.24	16.49	0.263	13.03	40.0038	106.364828	106.364713	1.770199	106.430770	
2010	167	200	167.083333333	06/16/2010 2:00	06/16/2010 1:00	177.15	2.51787	0.24	16.49	0.262	13	39.9996	106.366125	106.366010	1.771499	106.432070	
2010	167	300	167.125000000	06/16/2010 3:00	06/16/2010 2:00	177.25	2.51929	0.239	16.48	0.261	12.98	39.9963	106.3671226	106.367007	1.772499	106.433070	
2010	167	400	167.166666667	06/16/2010 4:00	06/16/2010 3:00	177.29	2.51986	0.239	16.48	0.261	12.95	39.9950	106.3675217	106.367406	1.772899	106.433470	
2010	167	500	167.208333333	06/16/2010 5:00	06/16/2010 4:00	177.38	2.52114	0.238	16.49	0.26	12.94	39.9921	106.3684196	106.368304	1.773799	106.434370	
2010	167	600	167.250000000	06/16/2010 6:00	06/16/2010 5:00	177.44	2.52199	0.238	16.48	0.26	13.58	39.9901	106.3690182	106.368903	1.774399	106.434970	
2010	167	700	167.291666667	06/16/2010 7:00	06/16/2010 6:00	177.37	2.52100	0.238	16.5	0.26	13.78	39.9924	106.3683198	106.368204	1.773699	106.434270	
2010	167	800	167.333333333	06/16/2010 8:00	06/16/2010 7:00	177.33	2.52043	0.238	16.49	0.26	13.74	39.9937	106.3679208	106.367805	1.773299	106.433870	
2010	167	900	167.375000000	06/16/2010 9:00	06/16/2010 8:00	178.79	2.54118	0.238	16.46	0.26	13.67	39.9459	106.3824866	106.382371	1.787899	106.448470	
2010	167	1000	167.416666667	06/16/2010 10:00	06/16/2010 9:00	178.35	2.53493	0.238	16.47	0.26	13.62	39.9603	106.3780969	106.377982	1.783499	106.444070	
2010	167	1100	167.458333333	06/16/2010 11:00	06/16/2010 10:00	181.08	2.57373	0.237	16.49	0.259	13.56	39.8710	106.405333	106.405218	1.810799	106.471370	
2010	167	1200	167.500000000	06/16/2010 12:00	06/16/2010 11:00	180.36	2.56350	0.237	16.49	0.259	13.54	39.8945	106.3981499	106.398035	1.803599	106.464170	
2010	167	1300	167.541666667	06/16/2010 13:00	06/16/2010 12:00	182.78	2.59789	0.237	16.49	0.259	13.52	39.8153	106.4222933	106.422178	1.827799	106.488370	
2010	167	1400	167.583333333	06/16/2010 14:00	06/16/2010 13:00	182.26	2.59050	0.237	16.47	0.259	13.51	39.8323	106.4171054	106.416990	1.822599	106.483170	
2010	167	1500	167.625000000	06/16/2010 15:00	06/16/2010 14:00	183.27	2.60486	0.237	16.48	0.259	13.47	39.7993	106.4271818	106.427066	1.832699	106.493270	
2010	167	1600	167.666666667	06/16/2010 16:00	06/16/2010 15:00	185.22	2.63257	0.237	16.47	0.259	13.47	39.7354	106.4466362	106.446521	1.852199	106.512769	
2010	167	1700	167.708333333	06/16/2010 17:00	06/16/2010 16:00	185.52	2.63684	0.237	16.46	0.259	13.53	39.7256	106.4496292	106.449514	1.855199	106.515769	
2010	167	1800	167.750000000	06/16/2010 18:00	06/16/2010 17:00	186.15	2.64579	0.236	16.46	0.258	13.56	39.7050	106.4559144	106.455799	1.861499	106.522069	
2010	167	1900	167.791666667	06/16/2010 19:00	06/16/2010 18:00	186.64	2.65276	0.236	16.47	0.258	13.39	39.6890	106.460803	106.460688	1.866399	106.526969	
2010	167	2000	167.833333333	06/16/2010 20:00	06/16/2010 19:00	187.07	2.65887	0.236	16.47	0.258	13.29	39.6749	106.4650929	106.464978	1.870699	106.531269	
2010	167	2100	167.875000000	06/16/2010 21:00	06/16/2010 20:00	187.51	2.66512	0.235	16.45	0.257	13.22	39.6605	106.4694826	106.469367	1.875099	106.535669	
2010	167	2200	167.916666667	06/16/2010 22:00	06/16/2010 21:00	187.66	2.66725	0.235	16.47	0.257	13.17	39.6556	106.4709791	106.470864	1.876599	106.537169	
2010	167	2300	167.958333333	06/16/2010 23:00	06/16/2010 22:00	187.58	2.66612	0.234	16.47	0.256	13.11	39.6582	106.470181	106.470066	1.875799	106.536369	
2010	167	2400	168.000000000	06/17/2010 0:00	06/16/2010 23:00	187.47	2.66455	0.234	16.45	0.256	13.07	39.6618	106.4690835	106.468968	1.874699	106.535269	
2010	168	100	168.041666667	06/17/2010 1:00	06/17/2010 0:00	187.16	2.66015	0.233	16.46	0.255	13.04	39.6719	106.4659908	106.465875	1.871599	106.532169	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	168	200	168.083333333	06/17/2010 2:00	06/17/2010 1:00	186.9	2.65645	0.233	16.45	0.255	13.01	39.6805	106.4633969	106.463282	1.868999	106.529569	
2010	168	300	168.125000000	06/17/2010 3:00	06/17/2010 2:00	186.74	2.65418	0.232	16.46	0.254	12.98	39.6857	106.4618006	106.461685	1.867399	106.527969	
2010	168	400	168.166666667	06/17/2010 4:00	06/17/2010 3:00	186.62	2.65247	0.232	16.46	0.254	12.97	39.6896	106.4606034	106.460488	1.866199	106.526769	
2010	168	500	168.208333333	06/17/2010 5:00	06/17/2010 4:00	186.43	2.64977	0.231	16.46	0.253	12.95	39.6958	106.4587079	106.458593	1.864299	106.524869	
2010	168	600	168.250000000	06/17/2010 6:00	06/17/2010 5:00	186.32	2.64821	0.231	16.45	0.253	13	39.6994	106.4576104	106.457495	1.863199	106.523769	
2010	168	700	168.291666667	06/17/2010 7:00	06/17/2010 6:00	186.36	2.64878	0.23	16.45	0.252	13.68	39.6981	106.4580095	106.457894	1.863599	106.524169	
2010	168	800	168.333333333	06/17/2010 8:00	06/17/2010 7:00	186.38	2.64906	0.23	16.45	0.251	13.67	39.6975	106.458209	106.458094	1.863799	106.524369	
2010	168	900	168.375000000	06/17/2010 9:00	06/17/2010 8:00	186.58	2.65190	0.229	16.46	0.251	13.62	39.6909	106.4602044	106.460089	1.865799	106.526369	
2010	168	1000	168.416666667	06/17/2010 10:00	06/17/2010 9:00	186.72	2.65389	0.229	16.47	0.251	13.57	39.6863	106.4616011	106.461486	1.867199	106.527769	
2010	168	1100	168.458333333	06/17/2010 11:00	06/17/2010 10:00	187.45	2.66427	0.229	16.46	0.25	13.52	39.6625	106.468884	106.468769	1.874499	106.535069	
2010	168	1200	168.500000000	06/17/2010 12:00	06/17/2010 11:00	187.97	2.67166	0.228	16.45	0.249	13.5	39.6454	106.4740718	106.473956	1.879699	106.540269	
2010	168	1300	168.541666667	06/17/2010 13:00	06/17/2010 12:00	186.52	2.65105	0.227	16.47	0.249	13.47	39.6929	106.4596058	106.459490	1.865199	106.525769	
2010	168	1400	168.583333333	06/17/2010 14:00	06/17/2010 13:00	188.67	2.68161	0.227	16.47	0.248	13.45	39.6225	106.4810555	106.480940	1.886699	106.547269	
2010	168	1500	168.625000000	06/17/2010 15:00	06/17/2010 14:00	188.74	2.68260	0.226	16.45	0.247	13.45	39.6202	106.4817538	106.481638	1.887399	106.547969	
2010	168	1600	168.666666667	06/17/2010 16:00	06/17/2010 15:00	188.86	2.68431	0.225	16.45	0.246	13.44	39.6163	106.482951	106.482836	1.888599	106.549169	
2010	168	1700	168.708333333	06/17/2010 17:00	06/17/2010 16:00	188.32	2.67663	0.225	16.45	0.246	13.44	39.6340	106.4775636	106.477448	1.883199	106.543769	
2010	168	1800	168.750000000	06/17/2010 18:00	06/17/2010 17:00	188.9	2.68488	0.224	16.44	0.245	13.44	39.6150	106.4833501	106.483235	1.888999	106.549569	
2010	168	1900	168.791666667	06/17/2010 19:00	06/17/2010 18:00	189.23	2.68957	0.224	16.46	0.245	13.34	39.6042	106.4866424	106.486527	1.892299	106.552869	
2010	168	2000	168.833333333	06/17/2010 20:00	06/17/2010 19:00	189.21	2.68928	0.223	16.45	0.244	13.23	39.6048	106.4864428	106.486327	1.892099	106.552669	
2010	168	2100	168.875000000	06/17/2010 21:00	06/17/2010 20:00	189.08	2.68744	0.222	16.45	0.243	13.16	39.6091	106.4851459	106.485031	1.890799	106.551369	
2010	168	2200	168.916666667	06/17/2010 22:00	06/17/2010 21:00	189.36	2.69142	0.223	16.46	0.243	13.11	39.5999	106.4879393	106.487824	1.893599	106.554169	
2010	168	2300	168.958333333	06/17/2010 23:00	06/17/2010 22:00	189.19	2.68900	0.222	16.44	0.243	13.06	39.6055	106.4862433	106.486128	1.891899	106.552469	
2010	168	2400	169.000000000	06/18/2010 0:00	06/17/2010 23:00	189.03	2.68673	0.222	16.44	0.243	13.03	39.6107	106.484647	106.484532	1.890299	106.550869	
2010	169	100	169.041666667	06/18/2010 1:00	06/18/2010 0:00	189.04	2.68687	0.221	16.44	0.242	12.99	39.6104	106.4847468	106.484631	1.890399	106.550969	
2010	169	200	169.083333333	06/18/2010 2:00	06/18/2010 1:00	189.11	2.68786	0.222	16.44	0.242	12.97	39.6081	106.4854452	106.485330	1.891099	106.551669	
2010	169	300	169.125000000	06/18/2010 3:00	06/18/2010 2:00	189.3	2.69056	0.221	16.44	0.242	12.94	39.6019	106.4873407	106.487225	1.892999	106.553569	
2010	169	400	169.166666667	06/18/2010 4:00	06/18/2010 3:00	189.46	2.69284	0.221	16.45	0.242	12.92	39.5967	106.488937	106.488822	1.894599	106.555169	
2010	169	500	169.208333333	06/18/2010 5:00	06/18/2010 4:00	189.13	2.68815	0.22	16.46	0.24	12.93	39.6075	106.4856447	106.485529	1.891299	106.551869	
2010	169	600	169.250000000	06/18/2010 6:00	06/18/2010 5:00	189.96	2.69994	0.219	16.45	0.24	13.08	39.5803	106.4939253	106.493810	1.899599	106.560169	
2010	169	700	169.291666667	06/18/2010 7:00	06/18/2010 6:00	189.94	2.69966	0.219	16.45	0.24	13.66	39.5810	106.4937257	106.493610	1.899399	106.559969	
2010	169	800	169.333333333	06/18/2010 8:00	06/18/2010 7:00	190.47	2.70719	0.218	16.43	0.239	13.61	39.5636	106.4990133	106.498898	1.904699	106.565269	
2010	169	900	169.375000000	06/18/2010 9:00	06/18/2010 8:00	190.94	2.71387	0.218	16.44	0.238	13.54	39.5482	106.5037023	106.503587	1.909399	106.569969	
2010	169	1000	169.416666667	06/18/2010 10:00	06/18/2010 9:00	191.77	2.72567	0.217	16.46	0.237	13.5	39.5211	106.5119829	106.511868	1.917699	106.578269	
2010	169	1100	169.458333333	06/18/2010 11:00	06/18/2010 10:00	192.58	2.73718	0.216	16.45	0.237	13.45	39.4945	106.520064	106.519949	1.925799	106.586369	
2010	169	1200	169.500000000	06/18/2010 12:00	06/18/2010 11:00	193.41	2.74898	0.216	16.43	0.236	13.42	39.4674	106.5283446	106.528229	1.934099	106.594669	
2010	169	1300	169.541666667	06/18/2010 13:00	06/18/2010 12:00	194.31	2.76177	0.215	16.43	0.235	13.4	39.4379	106.5373235	106.537208	1.943099	106.603669	
2010	169	1400	169.583333333	06/18/2010 14:00	06/18/2010 13:00	194.72	2.76760	0.215	16.43	0.235	13.35	39.4245	106.5414139	106.541299	1.947199	106.607769	
2010	169	1500	169.625000000	06/18/2010 15:00	06/18/2010 14:00	195.79	2.78281	0.213	16.44	0.233	13.31	39.3895	106.5520889	106.551974	1.957899	106.618469	
2010	169	1600	169.666666667	06/18/2010 16:00	06/18/2010 15:00	195.97	2.78537	0.213	16.43	0.233	13.29	39.3836	106.5538847	106.553769	1.959699	106.620269	
2010	169	1700	169.708333333	06/18/2010 17:00	06/18/2010 16:00	196.12	2.78750	0.213	16.45	0.232	13.29	39.3787	106.5553812	106.555266	1.961199	106.621769	
2010	169	1800	169.750000000	06/18/2010 18:00	06/18/2010 17:00	196.67	2.79532	0.212	16.44	0.232	13.32	39.3607	106.5608683	106.560753	1.966699	106.627269	
2010	169	1900	169.791666667	06/18/2010 19:00	06/18/2010 18:00	196.61	2.79446	0.211	16.45	0.231	13.31	39.3626	106.5602697	106.560154	1.966099	106.626669	
2010	169	2000	169.833333333	06/18/2010 20:00	06/18/2010 19:00	196.42	2.79176	0.21	16.43	0.229	13.18	39.3689	106.5583741	106.558259	1.964199	106.624769	
2010	169	2100	169.875000000	06/18/2010 21:00	06/18/2010 20:00	195.95	2.78508	0.211	16.44	0.231	13.09	39.3842	106.5536851	106.553570	1.959499	106.620069	
2010	169	2200	169.916666667	06/18/2010 22:00	06/18/2010 21:00	195.2	2.77442	0.209	16.42	0.228	13.05	39.4088	106.5462027	106.546087	1.951999	106.612569	
2010	169	2300	169.958333333	06/18/2010 23:00	06/18/2010 22:00	194.38	2.76277	0.209	16.44	0.228	13.01	39.4356	106.5380219	106.537907	1.943799	106.604369	
2010	169	2400	170.000000000	06/19/2010 0:00	06/18/2010 23:00	193.55	2.75097	0.209	16.43	0.229	12.98	39.4628	106.5297413	106.529626	1.935499	106.596069	
2010	170	100	170.041666667	06/19/2010 1:00	06/19/2010 0:00	192.94	2.74230	0.209	16.43	0.229	12.95	39.4828	106.5236556	106.523540	1.929399	106.589969	
2010	170	200	170.083333333	06/19/2010 2:00	06/19/2010 1:00	192.27	2.73278	0.211	16.43	0.231	12.94	39.5047	106.5169712	106.516856	1.922699	106.583269	
2010	170	300	170.125000000	06/19/2010 3:00	06/19/2010 2:00	191.65	2.72396	0.212	16.42	0.231	12.93	39.5250	106.5107857	106.510670	1.916499	106.577069	
2010	170	400	170.166666667	06/19/2010 4:00	06/19/2010 3:00	191.25	2.71828	0.212	16.44	0.232	12.92	39.5381	106.5067951	106.506680	1.912499	106.573069	
2010	170	500	170.208333333	06/19/2010 5:00	06/19/2010 4:00	191.13	2.71657	0.211	16.42	0.231	13	39.5420	106.5055979	106.505483	1.911299	106.571869	
2010	170	600	170.250000000	06/19/2010 6:00	06/19/2010 5:00	191.33	2.71942	0.211	16.43	0.231	13.46	39.5355	106.5075932	106.507478	1.913299	106.573869	
2010	170	700	170.291666667	06/19/2010 7:00	06/19/2010 6:00	191.4	2.72041	0.211	16.43	0.231	13.62	39.5332	106.5082916	106.508176	1.913999	106.574569	
2010	170	800	170.333333333	06/19/2010 8:00	06/19/2010 7:00	191.53	2.72226	0.211	16.42	0.231	13.63	39.5289	106.5095885	106.509473	1.915299	106.575869	
2010	170	900	170.375000000	06/19/2010 9:00	06/19/2010 8:00	191.16	2.71700	0.21	16.44	0.23	13.58	39.5410	106.5058972	106.505782	1.911599	106.572169	
2010	170	1000	170.416666667	06/19/2010 10:00	06/19/2010 9:00	191.52	2.72212	0.209	16.43	0.229	13.5	39.5292	106.5094888	106.509373	1.915199	106.575769	
2010	170	1100	170.458333333	06/19/2010 11:00	06/19/2010 10:00	192.39	2.73448	0.209	16.44	0.228	13.44	39.5008	106.5181684	106.518053	1.923899	106.584469	
2010	170	1200	170.500000000	06/19/2010 12:00	06/19/2010 11:00	191.65	2.72396	0.209	16.43	0.228	13.4	39.5250	106.5107857	106.510670	1.916499	106.577069	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	170	1300	170.541666667	06/19/2010 13:00	06/19/2010 12:00	191.89	2.72738	0.208	16.45	0.228	13.41	39.5171	106.5131801	106.513065	1.918899	106.579469	
2010	170	1400	170.583333333	06/19/2010 14:00	06/19/2010 13:00	191.63	2.72368	0.208	16.44	0.228	13.38	39.5256	106.5105862	106.510471	1.916299	106.576869	
2010	170	1500	170.625000000	06/19/2010 15:00	06/19/2010 14:00	191.49	2.72169	0.208	16.43	0.227	13.33	39.5302	106.5091895	106.509074	1.914899	106.575469	
2010	170	1600	170.666666667	06/19/2010 16:00	06/19/2010 15:00	192.51	2.73619	0.208	16.43	0.227	13.29	39.4968	106.5193656	106.519250	1.925099	106.585669	
2010	170	1700	170.708333333	06/19/2010 17:00	06/19/2010 16:00	192.76	2.73974	0.207	16.43	0.227	13.29	39.4886	106.5218598	106.521744	1.927599	106.588169	
2010	170	1800	170.750000000	06/19/2010 18:00	06/19/2010 17:00	192.44	2.73519	0.207	16.42	0.227	13.33	39.4991	106.5186673	106.518552	1.924399	106.584969	
2010	170	1900	170.791666667	06/19/2010 19:00	06/19/2010 18:00	192.87	2.74131	0.207	16.43	0.226	13.2	39.4850	106.5229572	106.522842	1.928699	106.589269	
2010	170	2000	170.833333333	06/19/2010 20:00	06/19/2010 19:00	192.21	2.73192	0.206	16.4	0.226	13.12	39.5067	106.5163726	106.516257	1.922099	106.582669	
2010	170	2100	170.875000000	06/19/2010 21:00	06/19/2010 20:00	192.3	2.73320	0.206	16.41	0.225	13.07	39.5037	106.5172705	106.517155	1.922999	106.583569	
2010	170	2200	170.916666667	06/19/2010 22:00	06/19/2010 21:00	192.53	2.73647	0.206	16.43	0.225	13.03	39.4962	106.5195651	106.519450	1.925299	106.585869	
2010	170	2300	170.958333333	06/19/2010 23:00	06/19/2010 22:00	192.73	2.73932	0.205	16.42	0.225	12.99	39.4896	106.5215605	106.521445	1.927299	106.587869	
2010	170	2400	171.000000000	06/20/2010 0:00	06/19/2010 23:00	193.13	2.74500	0.205	16.42	0.224	12.97	39.4765	106.5255511	106.525436	1.931299	106.591869	
2010	171	100	171.041666667	06/20/2010 1:00	06/20/2010 0:00	193.58	2.75140	0.204	16.41	0.223	12.95	39.4618	106.5300406	106.529925	1.935799	106.596369	
2010	171	200	171.083333333	06/20/2010 2:00	06/20/2010 1:00	194.02	2.75765	0.204	16.42	0.223	12.93	39.4474	106.5344303	106.534315	1.940199	106.600769	
2010	171	300	171.125000000	06/20/2010 3:00	06/20/2010 2:00	194.53	2.76490	0.203	16.42	0.222	12.92	39.4307	106.5395184	106.539403	1.945299	106.605869	
2010	171	400	171.166666667	06/20/2010 4:00	06/20/2010 3:00	195.17	2.77400	0.203	16.41	0.222	12.92	39.4098	106.5459034	106.545788	1.951699	106.612269	
2010	171	500	171.208333333	06/20/2010 5:00	06/20/2010 4:00	195.65	2.78082	0.202	16.42	0.221	12.91	39.3941	106.5506922	106.550577	1.956499	106.617069	
2010	171	600	171.250000000	06/20/2010 6:00	06/20/2010 5:00	196.05	2.78650	0.202	16.41	0.221	12.92	39.3810	106.5546828	106.554567	1.960499	106.621069	
2010	171	700	171.291666667	06/20/2010 7:00	06/20/2010 6:00	196.4	2.79148	0.202	16.41	0.221	13.38	39.3695	106.5581746	106.558059	1.963999	106.624569	
2010	171	800	171.333333333	06/20/2010 8:00	06/20/2010 7:00	196.25	2.78935	0.201	16.41	0.22	13.6	39.3744	106.5566781	106.556563	1.962499	106.623069	
2010	171	900	171.375000000	06/20/2010 9:00	06/20/2010 8:00	196.24	2.78920	0.201	16.39	0.22	13.6	39.3747	106.5565783	106.556463	1.962399	106.622969	
2010	171	1000	171.416666667	06/20/2010 10:00	06/20/2010 9:00	195.39	2.77712	0.201	16.4	0.22	13.56	39.4026	106.5480982	106.547983	1.953899	106.614469	
2010	171	1100	171.458333333	06/20/2010 11:00	06/20/2010 10:00	194.53	2.76490	0.201	16.42	0.22	13.51	39.4307	106.5395184	106.539403	1.945299	106.605869	
2010	171	1200	171.500000000	06/20/2010 12:00	06/20/2010 11:00	193.86	2.75538	0.202	16.41	0.221	13.48	39.4526	106.532834	106.532719	1.938599	106.599169	
2010	171	1300	171.541666667	06/20/2010 13:00	06/20/2010 12:00	192.18	2.73150	0.219	16.4	0.24	13.48	39.5076	106.5160733	106.515958	1.921799	106.582369	
2010	171	1400	171.583333333	06/20/2010 14:00	06/20/2010 13:00	189.91	2.69923	0.222	16.42	0.243	13.46	39.5819	106.4934264	106.493311	1.899099	106.559669	
2010	171	1500	171.625000000	06/20/2010 15:00	06/20/2010 14:00	189.37	2.69156	0.222	16.42	0.242	13.41	39.5996	106.4880391	106.487924	1.893699	106.554269	
2010	171	1600	171.666666667	06/20/2010 16:00	06/20/2010 15:00	187.47	2.66455	0.22	16.42	0.241	13.44	39.6618	106.4690835	106.468968	1.874699	106.535269	
2010	171	1700	171.708333333	06/20/2010 17:00	06/20/2010 16:00	186.25	2.64721	0.22	16.42	0.241	13.47	39.7017	106.4569121	106.456797	1.862499	106.523069	
2010	171	1800	171.750000000	06/20/2010 18:00	06/20/2010 17:00	186.07	2.64466	0.22	16.42	0.241	13.5	39.7076	106.4551163	106.455001	1.860699	106.521269	
2010	171	1900	171.791666667	06/20/2010 19:00	06/20/2010 18:00	185.73	2.63982	0.222	16.43	0.242	13.42	39.7188	106.4517242	106.451609	1.857299	106.517869	
2010	171	2000	171.833333333	06/20/2010 20:00	06/20/2010 19:00	185.72	2.63968	0.223	16.43	0.244	13.29	39.7191	106.4516245	106.451509	1.857199	106.517769	
2010	171	2100	171.875000000	06/20/2010 21:00	06/20/2010 20:00	185.77	2.64039	0.225	16.44	0.246	13.22	39.7174	106.4521233	106.452008	1.857699	106.518269	
2010	171	2200	171.916666667	06/20/2010 22:00	06/20/2010 21:00	186.02	2.64394	0.226	16.42	0.248	13.15	39.7093	106.4546175	106.454502	1.860199	106.520769	
2010	171	2300	171.958333333	06/20/2010 23:00	06/20/2010 22:00	186.4	2.64935	0.227	16.43	0.248	13.1	39.6968	106.4584086	106.458293	1.863999	106.524569	
2010	171	2400	172.000000000	06/21/2010 0:00	06/20/2010 23:00	186.75	2.65432	0.228	16.42	0.249	13.06	39.6854	106.4619004	106.461785	1.867499	106.528069	
2010	172	100	172.041666667	06/21/2010 1:00	06/21/2010 0:00	187.3	2.66214	0.226	16.44	0.247	13.02	39.6674	106.4673875	106.467272	1.872999	106.533569	
2010	172	200	172.083333333	06/21/2010 2:00	06/21/2010 1:00	187.88	2.67038	0.224	16.43	0.245	13	39.6484	106.4731739	106.473059	1.878799	106.539369	
2010	172	300	172.125000000	06/21/2010 3:00	06/21/2010 2:00	188.53	2.67962	0.218	16.43	0.239	12.98	39.6271	106.4796587	106.479543	1.885299	106.545869	
2010	172	400	172.166666667	06/21/2010 4:00	06/21/2010 3:00	189.28	2.69028	0.214	16.42	0.235	12.96	39.6026	106.4871412	106.487026	1.892799	106.553369	
2010	172	500	172.208333333	06/21/2010 5:00	06/21/2010 4:00	190.01	2.70066	0.212	16.41	0.232	12.94	39.5787	106.4944241	106.494309	1.900099	106.560669	
2010	172	600	172.250000000	06/21/2010 6:00	06/21/2010 5:00	190.9	2.71331	0.211	16.41	0.231	13.15	39.5495	106.5033033	106.503188	1.908999	106.569569	
2010	172	700	172.291666667	06/21/2010 7:00	06/21/2010 6:00	191.7	2.72468	0.209	16.43	0.229	13.63	39.5233	106.5112846	106.511169	1.916999	106.577569	
2010	172	800	172.333333333	06/21/2010 8:00	06/21/2010 7:00	192.52	2.73633	0.208	16.4	0.228	13.64	39.4965	106.5194654	106.519350	1.925199	106.585769	
2010	172	900	172.375000000	06/21/2010 9:00	06/21/2010 8:00	193.33	2.74784	0.206	16.41	0.226	13.59	39.4700	106.5275464	106.527431	1.933299	106.593869	
2010	172	1000	172.416666667	06/21/2010 10:00	06/21/2010 9:00	193.89	2.75580	0.206	16.41	0.225	13.56	39.4517	106.5331333	106.533018	1.938899	106.599469	
2010	172	1100	172.458333333	06/21/2010 11:00	06/21/2010 10:00	194.57	2.76547	0.204	16.41	0.223	13.52	39.4294	106.5399174	106.539802	1.945699	106.606269	
2010	172	1200	172.500000000	06/21/2010 12:00	06/21/2010 11:00	195.17	2.77400	0.204	16.41	0.223	13.49	39.4098	106.5459034	106.545788	1.951699	106.612269	
2010	172	1300	172.541666667	06/21/2010 13:00	06/21/2010 12:00	195.8	2.78295	0.203	16.39	0.222	13.45	39.3891	106.5521886	106.552073	1.957999	106.618569	
2010	172	1400	172.583333333	06/21/2010 14:00	06/21/2010 13:00	196.03	2.78622	0.202	16.41	0.221	13.45	39.3816	106.5544833	106.554368	1.960299	106.620869	
2010	172	1500	172.625000000	06/21/2010 15:00	06/21/2010 14:00	196.23	2.78906	0.202	16.4	0.221	13.42	39.3751	106.5564786	106.556363	1.962299	106.622869	
2010	172	1600	172.666666667	06/21/2010 16:00	06/21/2010 15:00	195.96	2.78522	0.203	16.41	0.223	13.46	39.3839	106.5537849	106.553670	1.959599	106.620169	
2010	172	1700	172.708333333	06/21/2010 17:00	06/21/2010 16:00	195.41	2.77741	0.202	16.4	0.221	13.45	39.4019	106.5482978	106.548182	1.954099	106.614669	
2010	172	1800	172.750000000	06/21/2010 18:00	06/21/2010 17:00	195.36	2.77670	0.202	16.38	0.221	13.44	39.4035	106.5477989	106.547684	1.953599	106.614169	
2010	172	1900	172.791666667	06/21/2010 19:00	06/21/2010 18:00	195.08	2.77272	0.203	16.4	0.222	13.36	39.4127	106.5450055	106.544890	1.950799	106.611369	
2010	172	2000	172.833333333	06/21/2010 20:00	06/21/2010 19:00	194.53	2.76490	0.202	16.41	0.221	13.24	39.4307	106.5395184	106.539403	1.945299	106.605869	
2010	172	2100	172.875000000	06/21/2010 21:00	06/21/2010 20:00	193.82	2.75481	0.203	16.39	0.222	13.16	39.4540	106.532435	106.532320	1.938199	106.598769	
2010	172	2200	172.916666667	06/21/2010 22:00	06/21/2010 21:00	193.27	2.74699	0.205	16.39	0.224	13.11	39.4720	106.5269478	106.526832	1.932699	106.593269	
2010	172	2300	172.958333333	06/21/2010 23:00	06/21/2010 22:00	192.76	2.73974	0.206	16.4	0.226	13.06	39.4886	106.5218598	106.521744	1.927599	106.588169	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	172	2400	173.000000000	06/22/2010 0:00	06/21/2010 23:00	192.24	2.73235	0.232	16.4	0.254	13.03	39.5057	106.5166719	106.516557	1.922399	106.582969	
2010	173	100	173.041666667	06/22/2010 1:00	06/22/2010 0:00	192.25	2.73249	0.224	16.4	0.245	13	39.5053	106.5167717	106.516656	1.922499	106.583069	
2010	173	200	173.083333333	06/22/2010 2:00	06/22/2010 1:00	192.39	2.73448	0.207	16.38	0.226	12.98	39.5008	106.5181684	106.518053	1.923899	106.584469	
2010	173	300	173.125000000	06/22/2010 3:00	06/22/2010 2:00	192.4	2.73462	0.207	16.4	0.227	12.95	39.5004	106.5182682	106.518153	1.923999	106.584569	
2010	173	400	173.166666667	06/22/2010 4:00	06/22/2010 3:00	192.8	2.74031	0.205	16.39	0.225	12.93	39.4873	106.5222588	106.522143	1.927999	106.588569	
2010	173	500	173.208333333	06/22/2010 5:00	06/22/2010 4:00	192.93	2.74216	0.204	16.39	0.223	12.91	39.4831	106.5235558	106.523440	1.929299	106.589869	
2010	173	600	173.250000000	06/22/2010 6:00	06/22/2010 5:00	193.98	2.75708	0.205	16.4	0.224	13.04	39.4487	106.5340312	106.533916	1.939799	106.600369	
2010	173	700	173.291666667	06/22/2010 7:00	06/22/2010 6:00	195.03	2.77201	0.204	16.41	0.223	13.6	39.4143	106.5445067	106.544391	1.950299	106.610869	
2010	173	800	173.333333333	06/22/2010 8:00	06/22/2010 7:00	196.14	2.78778	0.203	16.39	0.222	13.56	39.3780	106.5555807	106.555465	1.961399	106.621969	
2010	173	900	173.375000000	06/22/2010 9:00	06/22/2010 8:00	197.56	2.80797	0.201	16.37	0.22	13.49	39.3315	106.5697475	106.569632	1.975599	106.636169	
2010	173	1000	173.416666667	06/22/2010 10:00	06/22/2010 9:00	199.15	2.83056	0.202	16.37	0.221	13.42	39.2795	106.5856103	106.585495	1.991499	106.652069	
2010	173	1100	173.458333333	06/22/2010 11:00	06/22/2010 10:00	200.15	2.84478	0.201	16.38	0.22	13.38	39.2468	106.5955869	106.595472	2.001499	106.662069	
2010	173	1200	173.500000000	06/22/2010 12:00	06/22/2010 11:00	201.5	2.86397	0.201	16.4	0.22	13.36	39.2026	106.6090553	106.608940	2.014999	106.675569	
2010	173	1300	173.541666667	06/22/2010 13:00	06/22/2010 12:00	202.91	2.88401	0.201	16.38	0.219	13.35	39.1564	106.6231223	106.623007	2.029099	106.689669	
2010	173	1400	173.583333333	06/22/2010 14:00	06/22/2010 13:00	204.17	2.90191	0.2	16.4	0.219	13.33	39.1152	106.6356928	106.635577	2.041699	106.702269	
2010	173	1500	173.625000000	06/22/2010 15:00	06/22/2010 14:00	204.77	2.91044	0.2	16.38	0.219	13.28	39.0955	106.6416788	106.641563	2.047699	106.708269	
2010	173	1600	173.666666667	06/22/2010 16:00	06/22/2010 15:00	205.52	2.92110	0.2	16.4	0.219	13.25	39.0710	106.6491612	106.649046	2.055199	106.715769	
2010	173	1700	173.708333333	06/22/2010 17:00	06/22/2010 16:00	206.7	2.93787	0.2	16.39	0.219	13.25	39.0324	106.6609336	106.660818	2.066999	106.727569	
2010	173	1800	173.750000000	06/22/2010 18:00	06/22/2010 17:00	207.35	2.94711	0.2	16.38	0.219	13.28	39.0111	106.6674184	106.667303	2.073499	106.734069	
2010	173	1900	173.791666667	06/22/2010 19:00	06/22/2010 18:00	207.79	2.95337	0.2	16.38	0.219	13.22	38.9967	106.6718081	106.671693	2.077899	106.738469	
2010	173	2000	173.833333333	06/22/2010 20:00	06/22/2010 19:00	208.33	2.96104	0.2	16.35	0.219	13.11	38.9790	106.6771955	106.677080	2.083299	106.743869	
2010	173	2100	173.875000000	06/22/2010 21:00	06/22/2010 20:00	208.89	2.96900	0.201	16.36	0.22	13.06	38.9607	106.6827824	106.682667	2.088899	106.749469	
2010	173	2200	173.916666667	06/22/2010 22:00	06/22/2010 21:00	209.52	2.97796	0.201	16.36	0.22	13.02	38.9401	106.6890676	106.688952	2.095199	106.755769	
2010	173	2300	173.958333333	06/22/2010 23:00	06/22/2010 22:00	210.33	2.98947	0.201	16.36	0.22	12.98	38.9136	106.6971487	106.697033	2.103299	106.763869	
2010	173	2400	174.000000000	06/23/2010 0:00	06/22/2010 23:00	211.11	3.00055	0.201	16.35	0.22	12.96	38.8880	106.7049304	106.704815	2.111099	106.771669	
2010	174	100	174.041666667	06/23/2010 1:00	06/23/2010 0:00	212.15	3.01534	0.202	16.35	0.221	12.94	38.8540	106.7153061	106.715191	2.121499	106.782069	
2010	174	200	174.083333333	06/23/2010 2:00	06/23/2010 1:00	213.09	3.02870	0.202	16.35	0.221	12.93	38.8232	106.7246841	106.724569	2.130899	106.791469	
2010	174	300	174.125000000	06/23/2010 3:00	06/23/2010 2:00	213.85	3.03950	0.202	16.35	0.221	12.92	38.7983	106.7322663	106.732151	2.138499	106.799069	
2010	174	400	174.166666667	06/23/2010 4:00	06/23/2010 3:00	214.34	3.04646	0.203	16.35	0.222	12.92	38.7823	106.7371549	106.737040	2.143399	106.803969	
2010	174	500	174.208333333	06/23/2010 5:00	06/23/2010 4:00	214.55	3.04945	0.203	16.34	0.222	12.92	38.7754	106.73925	106.739135	2.145499	106.806069	
2010	174	600	174.250000000	06/23/2010 6:00	06/23/2010 5:00	214.57	3.04973	0.203	16.34	0.222	13.54	38.7748	106.7394495	106.739334	2.145699	106.806269	
2010	174	700	174.291666667	06/23/2010 7:00	06/23/2010 6:00	214.56	3.04959	0.204	16.33	0.223	13.55	38.7751	106.7393497	106.739234	2.145599	106.806169	
2010	174	800	174.333333333	06/23/2010 8:00	06/23/2010 7:00	213.94	3.04078	0.203	16.36	0.223	13.5	38.7954	106.7331642	106.733049	2.139399	106.799969	
2010	174	900	174.375000000	06/23/2010 9:00	06/23/2010 8:00	215.18	3.05840	0.203	16.34	0.223	13.4	38.7548	106.7455352	106.745420	2.151799	106.812369	
2010	174	1000	174.416666667	06/23/2010 10:00	06/23/2010 9:00	215.17	3.05826	0.204	16.34	0.224	13.37	38.7551	106.7454355	106.745320	2.151699	106.812269	
2010	174	1100	174.458333333	06/23/2010 11:00	06/23/2010 10:00	214.67	3.05115	0.203	16.33	0.223	13.33	38.7715	106.7404472	106.740332	2.146699	106.807269	
2010	174	1200	174.500000000	06/23/2010 12:00	06/23/2010 11:00	213.91	3.04035	0.204	16.32	0.223	13.29	38.7964	106.7328649	106.732750	2.139099	106.799669	
2010	174	1300	174.541666667	06/23/2010 13:00	06/23/2010 12:00	213.45	3.03381	0.203	16.32	0.223	13.28	38.8114	106.7282757	106.728160	2.134499	106.795069	
2010	174	1400	174.583333333	06/23/2010 14:00	06/23/2010 13:00	212.39	3.01875	0.203	16.33	0.223	13.25	38.8461	106.7177005	106.717585	2.123899	106.784469	
2010	174	1500	174.625000000	06/23/2010 15:00	06/23/2010 14:00	211.56	3.00695	0.203	16.35	0.223	13.22	38.8733	106.7094199	106.709305	2.115599	106.776169	
2010	174	1600	174.666666667	06/23/2010 16:00	06/23/2010 15:00	211.46	3.00553	0.204	16.33	0.224	13.2	38.8766	106.7084223	106.708307	2.114599	106.775169	
2010	174	1700	174.708333333	06/23/2010 17:00	06/23/2010 16:00	211.01	2.99913	0.204	16.34	0.224	13.21	38.8913	106.7039328	106.703817	2.110099	106.770669	
2010	174	1800	174.750000000	06/23/2010 18:00	06/23/2010 17:00	211.02	2.99928	0.205	16.35	0.224	13.22	38.8910	106.7040326	106.703917	2.110199	106.770769	
2010	174	1900	174.791666667	06/23/2010 19:00	06/23/2010 18:00	211.28	3.00297	0.205	16.33	0.224	13.16	38.8825	106.7066265	106.706511	2.112799	106.773369	
2010	174	2000	174.833333333	06/23/2010 20:00	06/23/2010 19:00	211.64	3.00809	0.204	16.32	0.224	13.07	38.8707	106.710218	106.710103	2.116399	106.776969	
2010	174	2100	174.875000000	06/23/2010 21:00	06/23/2010 20:00	212.1	3.01463	0.204	16.34	0.224	13.02	38.8556	106.7148073	106.714692	2.120999	106.781569	
2010	174	2200	174.916666667	06/23/2010 22:00	06/23/2010 21:00	212.59	3.02159	0.204	16.32	0.223	12.98	38.8396	106.7196958	106.719580	2.125899	106.786469	
2010	174	2300	174.958333333	06/23/2010 23:00	06/23/2010 22:00	213.21	3.03040	0.204	16.31	0.223	12.97	38.8193	106.7258813	106.725766	2.132099	106.792669	
2010	174	2400	175.000000000	06/24/2010 0:00	06/23/2010 23:00	213.71	3.03751	0.203	16.33	0.222	12.95	38.8029	106.7308696	106.730754	2.137099	106.797669	
2010	175	100	175.041666667	06/24/2010 1:00	06/24/2010 0:00	214.25	3.04518	0.203	16.31	0.222	12.95	38.7852	106.736257	106.736142	2.142499	106.803069	
2010	175	200	175.083333333	06/24/2010 2:00	06/24/2010 1:00	214.73	3.05201	0.202	16.3	0.221	12.94	38.7695	106.7410458	106.740930	2.147299	106.807869	
2010	175	300	175.125000000	06/24/2010 3:00	06/24/2010 2:00	215.53	3.06338	0.203	16.32	0.222	12.93	38.7433	106.749027	106.748912	2.155299	106.815869	
2010	175	400	175.166666667	06/24/2010 4:00	06/24/2010 3:00	216.27	3.07389	0.202	16.3	0.221	12.92	38.7191	106.7564097	106.756294	2.162699	106.823269	
2010	175	500	175.208333333	06/24/2010 5:00	06/24/2010 4:00	216.69	3.07986	0.201	16.3	0.221	12.92	38.7054	106.7605999	106.760485	2.166899	106.827469	
2010	175	600	175.250000000	06/24/2010 6:00	06/24/2010 5:00	217.23	3.08754	0.201	16.3	0.221	12.93	38.6877	106.7659873	106.765872	2.172299	106.832869	
2010	175	700	175.291666667	06/24/2010 7:00	06/24/2010 6:00	218.11	3.10005	0.201	16.31	0.221	13.44	38.6589	106.7747667	106.774651	2.181099	106.841669	
2010	175	800	175.333333333	06/24/2010 8:00	06/24/2010 7:00	218.54	3.10616	0.2	16.29	0.219	13.42	38.6448	106.7790566	106.778941	2.185399	106.845969	
2010	175	900	175.375000000	06/24/2010 9:00	06/24/2010 8:00	219.33	3.11739	0.199	16.28	0.219	13.36	38.6190	106.7869381	106.786823	2.193299	106.853869	
2010	175	1000	175.416666667	06/24/2010 10:00	06/24/2010 9:00	219.93	3.12591	0.2	16.29	0.219	13.31	38.5993	106.7929241	106.792809	2.199299	106.859869	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	175	1100	175.458333333	06/24/2010 11:00	06/24/2010 10:00	220.86	3.13913	0.199	16.28	0.218	13.27	38.5689	106.8022023	106.802087	2.208599	106.869169	
2010	175	1200	175.500000000	06/24/2010 12:00	06/24/2010 11:00	221.21	3.14411	0.199	16.27	0.218	13.24	38.5574	106.8056941	106.805579	2.212099	106.872669	
2010	175	1300	175.541666667	06/24/2010 13:00	06/24/2010 12:00	221.92	3.15420	0.198	16.29	0.217	13.24	38.5342	106.8127775	106.812662	2.219199	106.879769	
2010	175	1400	175.583333333	06/24/2010 14:00	06/24/2010 13:00	222.08	3.15647	0.198	16.29	0.217	13.22	38.5290	106.8143738	106.814258	2.220799	106.881369	
2010	175	1500	175.625000000	06/24/2010 15:00	06/24/2010 14:00	222.21	3.15832	0.197	16.28	0.215	13.2	38.5247	106.8156708	106.815555	2.222099	106.882669	
2010	175	1600	175.666666667	06/24/2010 16:00	06/24/2010 15:00	222.62	3.16415	0.196	16.27	0.215	13.2	38.5113	106.8197612	106.819646	2.226199	106.886769	
2010	175	1700	175.708333333	06/24/2010 17:00	06/24/2010 16:00	222.14	3.15733	0.196	16.26	0.215	13.2	38.5270	106.8149724	106.814857	2.221399	106.881969	
2010	175	1800	175.750000000	06/24/2010 18:00	06/24/2010 17:00	222.77	3.16628	0.195	16.27	0.213	13.22	38.5064	106.8212576	106.821142	2.227699	106.888269	
2010	175	1900	175.791666667	06/24/2010 19:00	06/24/2010 18:00	222.5	3.16244	0.194	16.25	0.213	13.12	38.5152	106.818564	106.818449	2.224999	106.885569	
2010	175	2000	175.833333333	06/24/2010 20:00	06/24/2010 19:00	222.56	3.16330	0.193	16.25	0.211	13.05	38.5132	106.8191626	106.819047	2.225599	106.886169	
2010	175	2100	175.875000000	06/24/2010 21:00	06/24/2010 20:00	222.61	3.16401	0.192	16.24	0.211	13.01	38.5116	106.8196614	106.819546	2.226099	106.886669	
2010	175	2200	175.916666667	06/24/2010 22:00	06/24/2010 21:00	222.6	3.16386	0.192	16.27	0.211	12.98	38.5119	106.8195616	106.819446	2.225999	106.886569	
2010	175	2300	175.958333333	06/24/2010 23:00	06/24/2010 22:00	222.65	3.16457	0.191	16.24	0.21	12.97	38.5103	106.8200605	106.819945	2.226499	106.887069	
2010	175	2400	176.000000000	06/25/2010 0:00	06/24/2010 23:00	222.72	3.16557	0.191	16.26	0.209	12.97	38.5080	106.8207588	106.820643	2.227199	106.887769	
2010	176	100	176.041666667	06/25/2010 1:00	06/25/2010 0:00	222.93	3.16855	0.191	16.25	0.209	12.95	38.5011	106.8228539	106.822739	2.229299	106.889869	
2010	176	200	176.083333333	06/25/2010 2:00	06/25/2010 1:00	223.06	3.17040	0.19	16.24	0.208	12.94	38.4969	106.8241509	106.824036	2.230599	106.891169	
2010	176	300	176.125000000	06/25/2010 3:00	06/25/2010 2:00	223.2	3.17239	0.188	16.22	0.206	12.94	38.4923	106.8255476	106.825432	2.231999	106.892569	
2010	176	400	176.166666667	06/25/2010 4:00	06/25/2010 3:00	223.32	3.17410	0.189	16.24	0.208	12.93	38.4884	106.8267448	106.826629	2.233199	106.893769	
2010	176	500	176.208333333	06/25/2010 5:00	06/25/2010 4:00	223.37	3.17481	0.188	16.23	0.206	12.92	38.4867	106.8272436	106.827128	2.233699	106.894269	
2010	176	600	176.250000000	06/25/2010 6:00	06/25/2010 5:00	222.92	3.16841	0.187	16.24	0.205	13.54	38.5015	106.8227541	106.822639	2.229199	106.889769	
2010	176	700	176.291666667	06/25/2010 7:00	06/25/2010 6:00	223.44	3.17580	0.187	16.23	0.205	13.53	38.4844	106.827942	106.827827	2.234399	106.894969	
2010	176	800	176.333333333	06/25/2010 8:00	06/25/2010 7:00	223.55	3.17737	0.186	16.23	0.204	13.5	38.4808	106.8290394	106.828924	2.235499	106.896069	
2010	176	900	176.375000000	06/25/2010 9:00	06/25/2010 8:00	223.51	3.17680	0.186	16.21	0.204	13.45	38.4822	106.8286403	106.828525	2.235099	106.895669	
2010	176	1000	176.416666667	06/25/2010 10:00	06/25/2010 9:00	223.1	3.17097	0.188	16.23	0.206	13.4	38.4956	106.8245499	106.824435	2.230999	106.891569	
2010	176	1100	176.458333333	06/25/2010 11:00	06/25/2010 10:00	223.81	3.18106	0.186	16.22	0.204	13.34	38.4723	106.8316333	106.831518	2.238099	106.898669	
2010	176	1200	176.500000000	06/25/2010 12:00	06/25/2010 11:00	223.26	3.17325	0.185	16.24	0.203	13.34	38.4903	106.8261462	106.826031	2.232599	106.893169	
2010	176	1300	176.541666667	06/25/2010 13:00	06/25/2010 12:00	222.54	3.16301	0.187	16.24	0.205	13.32	38.5139	106.818963	106.818848	2.225399	106.885969	
2010	176	1400	176.583333333	06/25/2010 14:00	06/25/2010 13:00	222.37	3.16060	0.188	16.23	0.206	13.29	38.5195	106.817267	106.817152	2.223699	106.884269	
2010	176	1500	176.625000000	06/25/2010 15:00	06/25/2010 14:00	222.44	3.16159	0.186	16.24	0.203	13.24	38.5172	106.8179654	106.817850	2.224399	106.884969	
2010	176	1600	176.666666667	06/25/2010 16:00	06/25/2010 15:00	221.7	3.15107	0.186	16.22	0.204	13.22	38.5414	106.8105827	106.810467	2.216999	106.877569	
2010	176	1700	176.708333333	06/25/2010 17:00	06/25/2010 16:00	221.88	3.15363	0.187	16.22	0.205	13.22	38.5355	106.8123785	106.812263	2.218799	106.879369	
2010	176	1800	176.750000000	06/25/2010 18:00	06/25/2010 17:00	221.32	3.14567	0.187	16.24	0.205	13.24	38.5538	106.8067916	106.806676	2.213199	106.873769	
2010	176	1900	176.791666667	06/25/2010 19:00	06/25/2010 18:00	221.15	3.14326	0.188	16.22	0.206	13.14	38.5594	106.8050956	106.804980	2.211499	106.872069	
2010	176	2000	176.833333333	06/25/2010 20:00	06/25/2010 19:00	220.93	3.14013	0.188	16.23	0.206	13.07	38.5666	106.8029007	106.802785	2.209299	106.869869	
2010	176	2100	176.875000000	06/25/2010 21:00	06/25/2010 20:00	220.72	3.13714	0.189	16.25	0.207	13.03	38.5735	106.8008056	106.800690	2.207199	106.867769	
2010	176	2200	176.916666667	06/25/2010 22:00	06/25/2010 21:00	220.71	3.13700	0.189	16.22	0.207	13.02	38.5738	106.8007058	106.800590	2.207099	106.867669	
2010	176	2300	176.958333333	06/25/2010 23:00	06/25/2010 22:00	221.07	3.14212	0.189	16.22	0.207	12.99	38.5620	106.8042974	106.804182	2.210699	106.871269	
2010	176	2400	177.000000000	06/26/2010 0:00	06/25/2010 23:00	221.29	3.14524	0.188	16.21	0.206	12.98	38.5548	106.8064923	106.806377	2.212899	106.873469	
2010	177	100	177.041666667	06/26/2010 1:00	06/26/2010 0:00	221.76	3.15193	0.189	16.2	0.207	12.96	38.5394	106.8111813	106.811066	2.217599	106.878169	
2010	177	200	177.083333333	06/26/2010 2:00	06/26/2010 1:00	222.37	3.16060	0.19	16.21	0.208	12.95	38.5195	106.817267	106.817152	2.223699	106.884269	
2010	177	300	177.125000000	06/26/2010 3:00	06/26/2010 2:00	223.16	3.17182	0.187	16.22	0.205	12.94	38.4936	106.8251485	106.825033	2.231599	106.892169	
2010	177	400	177.166666667	06/26/2010 4:00	06/26/2010 3:00	223.88	3.18206	0.186	16.21	0.204	12.92	38.4700	106.8323317	106.832216	2.238799	106.899369	
2010	177	500	177.208333333	06/26/2010 5:00	06/26/2010 4:00	224.08	3.18490	0.188	16.2	0.206	12.92	38.4635	106.834327	106.834212	2.240799	106.901369	
2010	177	600	177.250000000	06/26/2010 6:00	06/26/2010 5:00	224.56	3.19172	0.185	16.21	0.203	12.94	38.4478	106.8391158	106.839000	2.245599	106.906169	
2010	177	700	177.291666667	06/26/2010 7:00	06/26/2010 6:00	224.93	3.19698	0.186	16.2	0.204	13.5	38.4357	106.8428071	106.842692	2.249299	106.909869	
2010	177	800	177.333333333	06/26/2010 8:00	06/26/2010 7:00	224.7	3.19371	0.184	16.21	0.202	13.46	38.4432	106.8405125	106.840397	2.246999	106.907569	
2010	177	900	177.375000000	06/26/2010 9:00	06/26/2010 8:00	225.28	3.20196	0.184	16.19	0.201	13.41	38.4242	106.8462989	106.846184	2.252799	106.913369	
2010	177	1000	177.416666667	06/26/2010 10:00	06/26/2010 9:00	225.53	3.20551	0.183	16.18	0.201	13.36	38.4160	106.8487931	106.848678	2.255299	106.915869	
2010	177	1100	177.458333333	06/26/2010 11:00	06/26/2010 10:00	225.63	3.20693	0.184	16.2	0.202	13.32	38.4128	106.8497907	106.849675	2.256299	106.916869	
2010	177	1200	177.500000000	06/26/2010 12:00	06/26/2010 11:00	225.98	3.21190	0.184	16.19	0.202	13.29	38.4013	106.8532825	106.853167	2.259799	106.920369	
2010	177	1300	177.541666667	06/26/2010 13:00	06/26/2010 12:00	225.78	3.20906	0.183	16.19	0.2	13.29	38.4079	106.8512872	106.851172	2.257799	106.918369	
2010	177	1400	177.583333333	06/26/2010 14:00	06/26/2010 13:00	226.17	3.21461	0.183	16.18	0.201	13.26	38.3951	106.8551781	106.855063	2.261699	106.922269	
2010	177	1500	177.625000000	06/26/2010 15:00	06/26/2010 14:00	227	3.22640	0.183	16.19	0.201	13.23	38.3679	106.8634587	106.863343	2.269999	106.930569	
2010	177	1600	177.666666667	06/26/2010 16:00	06/26/2010 15:00	226.97	3.22598	0.183	16.19	0.201	13.2	38.3689	106.8631594	106.863044	2.269699	106.930269	
2010	177	1700	177.708333333	06/26/2010 17:00	06/26/2010 16:00	227.21	3.22939	0.183	16.19	0.201	13.19	38.3610	106.8655538	106.865438	2.272099	106.932669	
2010	177	1800	177.750000000	06/26/2010 18:00	06/26/2010 17:00	227.24	3.22981	0.183	16.19	0.2	13.2	38.3601	106.8658531	106.865738	2.272399	106.932969	
2010	177	1900	177.791666667	06/26/2010 19:00	06/26/2010 18:00	226.67	3.22171	0.18	16.18	0.198	13.11	38.3787	106.8601664	106.860051	2.266699	106.927269	
2010	177	2000	177.833333333	06/26/2010 20:00	06/26/2010 19:00	226.3	3.21645	0.182	16.19	0.2	13.05	38.3908	106.8564751	106.856360	2.262999	106.923569	
2010	177	2100	177.875000000	06/26/2010 21:00	06/26/2010 20:00	225.78	3.20906	0.182	16.19	0.2	13.02	38.4079	106.8512872	106.851172	2.257799	106.918369	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	177	2200	177.916666667	06/26/2010 22:00	06/26/2010 21:00	225.25	3.20153	0.184	16.17	0.202	12.99	38.4252	106.8459996	106.845884	2.252499	106.913069	
2010	177	2300	177.958333333	06/26/2010 23:00	06/26/2010 22:00	224.6	3.19229	0.185	16.18	0.203	12.98	38.4465	106.8395148	106.839399	2.245999	106.906569	
2010	177	2400	178.000000000	06/27/2010 0:00	06/26/2010 23:00	223.78	3.18064	0.186	16.17	0.204	12.97	38.4733	106.831334	106.831219	2.237799	106.898369	
2010	178	100	178.041666667	06/27/2010 1:00	06/27/2010 0:00	223.04	3.17012	0.191	16.19	0.21	12.95	38.4975	106.8239513	106.823836	2.230399	106.890969	
2010	178	200	178.083333333	06/27/2010 2:00	06/27/2010 1:00	222.16	3.15761	0.19	16.22	0.208	12.94	38.5263	106.8151719	106.815057	2.221599	106.882169	
2010	178	300	178.125000000	06/27/2010 3:00	06/27/2010 2:00	221.11	3.14269	0.209	16.24	0.229	12.93	38.5607	106.8046965	106.804581	2.211099	106.871669	
2010	178	400	178.166666667	06/27/2010 4:00	06/27/2010 3:00	220.21	3.12989	0.212	16.25	0.232	12.93	38.5902	106.7957175	106.795602	2.202099	106.862669	
2010	178	500	178.208333333	06/27/2010 5:00	06/27/2010 4:00	219.06	3.11355	0.206	16.26	0.226	12.92	38.6278	106.7842444	106.784129	2.190599	106.851169	
2010	178	600	178.250000000	06/27/2010 6:00	06/27/2010 5:00	218.37	3.10374	0.197	16.25	0.216	12.92	38.6504	106.7773606	106.777245	2.183699	106.844269	
2010	178	700	178.291666667	06/27/2010 7:00	06/27/2010 6:00	218.11	3.10005	0.197	16.24	0.216	13.47	38.6589	106.7747667	106.774651	2.181099	106.841669	
2010	178	800	178.333333333	06/27/2010 8:00	06/27/2010 7:00	217.29	3.08839	0.197	16.27	0.216	13.44	38.6857	106.7665859	106.766471	2.172899	106.833469	
2010	178	900	178.375000000	06/27/2010 9:00	06/27/2010 8:00	217.33	3.08896	0.198	16.25	0.217	13.41	38.6844	106.7669849	106.766870	2.173299	106.833869	
2010	178	1000	178.416666667	06/27/2010 10:00	06/27/2010 9:00	217.4	3.08996	0.198	16.24	0.217	13.35	38.6821	106.7676833	106.767568	2.173999	106.834569	
2010	178	1100	178.458333333	06/27/2010 11:00	06/27/2010 10:00	218	3.09848	0.197	16.26	0.216	13.31	38.6625	106.7736692	106.773554	2.179999	106.840569	
2010	178	1200	178.500000000	06/27/2010 12:00	06/27/2010 11:00	218.34	3.10332	0.206	16.24	0.226	13.28	38.6514	106.7770613	106.776946	2.183399	106.843969	
2010	178	1300	178.541666667	06/27/2010 13:00	06/27/2010 12:00	218.87	3.11085	0.199	16.23	0.218	13.28	38.6340	106.7823489	106.782234	2.188699	106.849269	
2010	178	1400	178.583333333	06/27/2010 14:00	06/27/2010 13:00	220.07	3.12790	0.194	16.23	0.212	13.24	38.5947	106.7943208	106.794205	2.200699	106.861269	
2010	178	1500	178.625000000	06/27/2010 15:00	06/27/2010 14:00	220.25	3.13046	0.194	16.22	0.212	13.22	38.5889	106.7961166	106.796001	2.202499	106.863069	
2010	178	1600	178.666666667	06/27/2010 16:00	06/27/2010 15:00	220.67	3.13643	0.193	16.22	0.211	13.19	38.5751	106.8003068	106.800191	2.206699	106.867269	
2010	178	1700	178.708333333	06/27/2010 17:00	06/27/2010 16:00	221.17	3.14354	0.192	16.19	0.21	13.19	38.5587	106.8052951	106.805180	2.211699	106.872269	
2010	178	1800	178.750000000	06/27/2010 18:00	06/27/2010 17:00	221.34	3.14596	0.191	16.2	0.209	13.19	38.5532	106.8069911	106.806876	2.213399	106.873969	
2010	178	1900	178.791666667	06/27/2010 19:00	06/27/2010 18:00	221.33	3.14581	0.19	16.2	0.208	13.11	38.5535	106.8068913	106.806776	2.213299	106.873869	
2010	178	2000	178.833333333	06/27/2010 20:00	06/27/2010 19:00	221.37	3.14638	0.19	16.19	0.208	13.05	38.5522	106.8072904	106.807175	2.213699	106.874269	
2010	178	2100	178.875000000	06/27/2010 21:00	06/27/2010 20:00	221.15	3.14326	0.19	16.17	0.208	13.02	38.5594	106.8050956	106.804980	2.211499	106.872069	
2010	178	2200	178.916666667	06/27/2010 22:00	06/27/2010 21:00	220.87	3.13928	0.19	16.18	0.208	13	38.5686	106.8023021	106.802187	2.208699	106.869269	
2010	178	2300	178.958333333	06/27/2010 23:00	06/27/2010 22:00	220.56	3.13487	0.19	16.19	0.208	12.98	38.5787	106.7992094	106.799094	2.205599	106.866169	
2010	178	2400	179.000000000	06/28/2010 0:00	06/27/2010 23:00	220.1	3.12833	0.19	16.19	0.209	12.97	38.5938	106.7946201	106.794505	2.200999	106.861569	
2010	179	100	179.041666667	06/28/2010 1:00	06/28/2010 0:00	219.6	3.12122	0.193	16.21	0.212	12.96	38.6101	106.7896318	106.789516	2.195999	106.856569	
2010	179	200	179.083333333	06/28/2010 2:00	06/28/2010 1:00	219.02	3.11298	0.195	16.24	0.214	12.95	38.6291	106.7838454	106.783730	2.190199	106.850769	
2010	179	300	179.125000000	06/28/2010 3:00	06/28/2010 2:00	218.59	3.10687	0.193	16.23	0.212	12.94	38.6432	106.7795554	106.779440	2.185899	106.846469	
2010	179	400	179.166666667	06/28/2010 4:00	06/28/2010 3:00	218.22	3.10161	0.203	16.25	0.222	12.93	38.6553	106.7758641	106.775749	2.182199	106.842769	
2010	179	500	179.208333333	06/28/2010 5:00	06/28/2010 4:00	217.47	3.09095	0.214	16.26	0.234	12.93	38.6799	106.7683816	106.768266	2.174699	106.835269	
2010	179	600	179.250000000	06/28/2010 6:00	06/28/2010 5:00	217.23	3.08754	0.215	16.26	0.235	12.93	38.6877	106.7659873	106.765872	2.172299	106.832869	
2010	179	700	179.291666667	06/28/2010 7:00	06/28/2010 6:00	217.28	3.08825	0.215	16.25	0.235	13.42	38.6861	106.7664861	106.766371	2.172799	106.833369	
2010	179	800	179.333333333	06/28/2010 8:00	06/28/2010 7:00	217.44	3.09052	0.215	16.24	0.235	13.4	38.6808	106.7680824	106.767967	2.174399	106.834969	
2010	179	900	179.375000000	06/28/2010 9:00	06/28/2010 8:00	217.08	3.08541	0.215	16.24	0.235	13.33	38.6926	106.7644908	106.764375	2.170799	106.831369	
2010	179	1000	179.416666667	06/28/2010 10:00	06/28/2010 9:00	217.32	3.08882	0.215	16.26	0.236	13.29	38.6848	106.7668852	106.766770	2.173199	106.833769	
2010	179	1100	179.458333333	06/28/2010 11:00	06/28/2010 10:00	216.72	3.08029	0.215	16.25	0.236	13.26	38.7044	106.7608992	106.760784	2.167199	106.827769	
2010	179	1200	179.500000000	06/28/2010 12:00	06/28/2010 11:00	216.59	3.07844	0.215	16.27	0.235	13.22	38.7087	106.7596022	106.759487	2.165899	106.826469	
2010	179	1300	179.541666667	06/28/2010 13:00	06/28/2010 12:00	216.63	3.07901	0.196	16.25	0.215	13.22	38.7073	106.7600013	106.759886	2.166299	106.826869	
2010	179	1400	179.583333333	06/28/2010 14:00	06/28/2010 13:00	215.65	3.06508	0.205	16.27	0.225	13.19	38.7394	106.7502242	106.750109	2.156499	106.817069	
2010	179	1500	179.625000000	06/28/2010 15:00	06/28/2010 14:00	215.85	3.06793	0.203	16.27	0.222	13.16	38.7329	106.7522195	106.752104	2.158499	106.819069	
2010	179	1600	179.666666667	06/28/2010 16:00	06/28/2010 15:00	215.86	3.06807	0.201	16.25	0.22	13.14	38.7325	106.7523193	106.752204	2.158599	106.819169	
2010	179	1700	179.708333333	06/28/2010 17:00	06/28/2010 16:00	216.05	3.07077	0.2	16.28	0.219	13.13	38.7263	106.7542149	106.754100	2.160499	106.821069	
2010	179	1800	179.750000000	06/28/2010 18:00	06/28/2010 17:00	216.19	3.07276	0.197	16.23	0.215	13.14	38.7217	106.7556116	106.755496	2.161899	106.822469	
2010	179	1900	179.791666667	06/28/2010 19:00	06/28/2010 18:00	216.53	3.07759	0.196	16.26	0.214	13.06	38.7106	106.7590036	106.758888	2.165299	106.825869	
2010	179	2000	179.833333333	06/28/2010 20:00	06/28/2010 19:00	216.89	3.08271	0.213	16.24	0.233	13.02	38.6988	106.7625952	106.762480	2.168899	106.829469	
2010	179	2100	179.875000000	06/28/2010 21:00	06/28/2010 20:00	217.39	3.08981	0.197	16.22	0.216	13	38.6825	106.7675835	106.767468	2.173899	106.834469	
2010	179	2200	179.916666667	06/28/2010 22:00	06/28/2010 21:00	217.79	3.09550	0.196	16.22	0.215	12.98	38.6694	106.7715742	106.771459	2.177899	106.838469	
2010	179	2300	179.958333333	06/28/2010 23:00	06/28/2010 22:00	218.05	3.09919	0.195	16.2	0.214	12.96	38.6609	106.7741681	106.774053	2.180499	106.841069	
2010	179	2400	180.000000000	06/29/2010 0:00	06/28/2010 23:00	218.42	3.10445	0.194	16.21	0.213	12.96	38.6488	106.7778594	106.777744	2.184199	106.844769	
2010	180	100	180.041666667	06/29/2010 1:00	06/29/2010 0:00	218.7	3.10843	0.193	16.2	0.211	12.95	38.6396	106.7806529	106.780538	2.186999	106.847569	
2010	180	200	180.083333333	06/29/2010 2:00	06/29/2010 1:00	219.04	3.11327	0.191	16.2	0.21	12.95	38.6285	106.7840449	106.783930	2.190399	106.850969	
2010	180	300	180.125000000	06/29/2010 3:00	06/29/2010 2:00	219.37	3.11796	0.19	16.2	0.209	12.94	38.6177	106.7873372	106.787222	2.193699	106.854269	
2010	180	400	180.166666667	06/29/2010 4:00	06/29/2010 3:00	219.62	3.12151	0.19	16.2	0.209	12.94	38.6095	106.7898313	106.789716	2.196199	106.856769	
2010	180	500	180.208333333	06/29/2010 5:00	06/29/2010 4:00	219.38	3.11810	0.19	16.19	0.208	12.94	38.6173	106.787437	106.787322	2.193799	106.854369	
2010	180	600	180.250000000	06/29/2010 6:00	06/29/2010 5:00	219.75	3.12336	0.189	16.19	0.208	13.2	38.6052	106.7911283	106.791013	2.197499	106.858069	
2010	180	700	180.291666667	06/29/2010 7:00	06/29/2010 6:00	219.28	3.11668	0.191	16.2	0.209	13.46	38.6206	106.7864393	106.786324	2.192799	106.853369	
2010	180	800	180.333333333	06/29/2010 8:00	06/29/2010 7:00	219.53	3.12023	0.19	16.19	0.209	13.42	38.6124	106.7889335	106.788818	2.195299	106.855869	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	180	900	180.375000000	06/29/2010 9:00	06/29/2010 8:00	218.23	3.10175	0.19	16.21	0.208	13.41	38.6550	106.7759639	106.775849	2.182299	106.842869	
2010	180	1000	180.416666667	06/29/2010 10:00	06/29/2010 9:00	218.86	3.11071	0.19	16.19	0.209	13.36	38.6344	106.7822491	106.782134	2.188599	106.849169	
2010	180	1100	180.458333333	06/29/2010 11:00	06/29/2010 10:00	218.57	3.10658	0.19	16.18	0.209	13.34	38.6438	106.7793559	106.779241	2.185699	106.846269	
2010	180	1200	180.500000000	06/29/2010 12:00	06/29/2010 11:00	218.56	3.10644	0.191	16.19	0.209	13.32	38.6442	106.7792561	106.779141	2.185599	106.846169	
2010	180	1300	180.541666667	06/29/2010 13:00	06/29/2010 12:00	219.21	3.11568	0.19	16.2	0.209	13.31	38.6229	106.7857409	106.785626	2.192099	106.852669	
2010	180	1400	180.583333333	06/29/2010 14:00	06/29/2010 13:00	220.45	3.13331	0.191	16.19	0.209	13.28	38.5823	106.7981119	106.797997	2.204499	106.865069	
2010	180	1500	180.625000000	06/29/2010 15:00	06/29/2010 14:00	221.22	3.14425	0.19	16.2	0.209	13.25	38.5571	106.8057939	106.805679	2.212199	106.872769	
2010	180	1600	180.666666667	06/29/2010 16:00	06/29/2010 15:00	221.26	3.14482	0.189	16.19	0.208	13.25	38.5558	106.806193	106.806078	2.212599	106.873169	
2010	180	1700	180.708333333	06/29/2010 17:00	06/29/2010 16:00	223.17	3.17197	0.188	16.18	0.206	13.24	38.4933	106.8252483	106.825133	2.231699	106.892269	
2010	180	1800	180.750000000	06/29/2010 18:00	06/29/2010 17:00	223.64	3.17865	0.188	16.18	0.206	13.29	38.4779	106.8299373	106.829822	2.236399	106.896969	
2010	180	1900	180.791666667	06/29/2010 19:00	06/29/2010 18:00	224.53	3.19130	0.188	16.18	0.206	13.31	38.4488	106.8388165	106.838701	2.245299	106.905869	
2010	180	2000	180.833333333	06/29/2010 20:00	06/29/2010 19:00	224.43	3.18987	0.187	16.17	0.206	13.16	38.4520	106.8378188	106.837703	2.244299	106.904869	
2010	180	2100	180.875000000	06/29/2010 21:00	06/29/2010 20:00	224.28	3.18774	0.187	16.17	0.206	13.11	38.4569	106.8363223	106.836207	2.242799	106.903369	
2010	180	2200	180.916666667	06/29/2010 22:00	06/29/2010 21:00	224.08	3.18490	0.188	16.16	0.206	13.07	38.4635	106.834327	106.834212	2.240799	106.901369	
2010	180	2300	180.958333333	06/29/2010 23:00	06/29/2010 22:00	223.64	3.17865	0.188	16.16	0.206	13.04	38.4779	106.8299373	106.829822	2.236399	106.896969	
2010	180	2400	181.000000000	06/30/2010 0:00	06/29/2010 23:00	223.14	3.17154	0.188	16.18	0.206	13.02	38.4943	106.824949	106.824834	2.231399	106.891969	
2010	181	100	181.041666667	06/30/2010 1:00	06/30/2010 0:00	222.51	3.16259	0.189	16.17	0.208	13	38.5149	106.8186637	106.818548	2.225099	106.885669	
2010	181	200	181.083333333	06/30/2010 2:00	06/30/2010 1:00	221.72	3.15136	0.193	16.18	0.212	12.98	38.5407	106.8107822	106.810667	2.217199	106.877769	
2010	181	300	181.125000000	06/30/2010 3:00	06/30/2010 2:00	220.72	3.13714	0.207	16.2	0.227	12.97	38.5735	106.8008056	106.800690	2.207199	106.867769	
2010	181	400	181.166666667	06/30/2010 4:00	06/30/2010 3:00	219.66	3.12208	0.206	16.22	0.226	12.95	38.6082	106.7902304	106.790115	2.196599	106.857169	
2010	181	500	181.208333333	06/30/2010 5:00	06/30/2010 4:00	218.15	3.10062	0.205	16.24	0.225	12.99	38.6576	106.7751657	106.775050	2.181499	106.842069	
2010	181	600	181.250000000	06/30/2010 6:00	06/30/2010 5:00	216.47	3.07674	0.2	16.24	0.219	13.05	38.7126	106.758405	106.758290	2.164699	106.825269	
2010	181	700	181.291666667	06/30/2010 7:00	06/30/2010 6:00	215.63	3.06480	0.199	16.23	0.218	13.6	38.7401	106.7500247	106.749909	2.156299	106.816869	
2010	181	800	181.333333333	06/30/2010 8:00	06/30/2010 7:00	214.34	3.04646	0.198	16.23	0.217	13.55	38.7823	106.7371549	106.737040	2.143399	106.803969	
2010	181	900	181.375000000	06/30/2010 9:00	06/30/2010 8:00	213.34	3.03225	0.198	16.23	0.217	13.52	38.8150	106.7271783	106.727063	2.133399	106.793969	
2010	181	1000	181.416666667	06/30/2010 10:00	06/30/2010 9:00	213.1	3.02884	0.199	16.21	0.218	13.5	38.8229	106.7247839	106.724669	2.130999	106.791569	
2010	181	1100	181.458333333	06/30/2010 11:00	06/30/2010 10:00	212.97	3.02699	0.2	16.22	0.219	13.48	38.8271	106.7234869	106.723372	2.129699	106.790269	
2010	181	1200	181.500000000	06/30/2010 12:00	06/30/2010 11:00	212.7	3.02315	0.202	16.21	0.221	13.47	38.8360	106.7207932	106.720678	2.126999	106.787569	
2010	181	1300	181.541666667	06/30/2010 13:00	06/30/2010 12:00	213.14	3.02941	0.204	16.22	0.224	13.46	38.8216	106.725183	106.725068	2.131399	106.791969	
2010	181	1400	181.583333333	06/30/2010 14:00	06/30/2010 13:00	213.82	3.03907	0.205	16.24	0.225	13.44	38.7993	106.731967	106.731852	2.138199	106.798769	
2010	181	1500	181.625000000	06/30/2010 15:00	06/30/2010 14:00	214.51	3.04888	0.204	16.25	0.224	13.41	38.7767	106.7388509	106.738736	2.145099	106.805669	
2010	181	1600	181.666666667	06/30/2010 16:00	06/30/2010 15:00	215.74	3.06636	0.203	16.22	0.222	13.39	38.7365	106.7511221	106.751007	2.157399	106.817969	
2010	181	1700	181.708333333	06/30/2010 17:00	06/30/2010 16:00	217.01	3.08441	0.199	16.22	0.218	13.39	38.6949	106.7637924	106.763677	2.170099	106.830669	
2010	181	1800	181.750000000	06/30/2010 18:00	06/30/2010 17:00	218.25	3.10204	0.197	16.19	0.216	13.41	38.6543	106.7761634	106.776048	2.182499	106.843069	
2010	181	1900	181.791666667	06/30/2010 19:00	06/30/2010 18:00	218.77	3.10943	0.196	16.19	0.215	13.36	38.6373	106.7813512	106.781236	2.187699	106.848269	
2010	181	2000	181.833333333	06/30/2010 20:00	06/30/2010 19:00	219.19	3.11540	0.195	16.2	0.213	13.24	38.6236	106.7855414	106.785426	2.191899	106.852469	
2010	181	2100	181.875000000	06/30/2010 21:00	06/30/2010 20:00	219.29	3.11682	0.195	16.19	0.214	13.18	38.6203	106.7865391	106.786424	2.192899	106.853469	
2010	181	2200	181.916666667	06/30/2010 22:00	06/30/2010 21:00	219.04	3.11327	0.196	16.19	0.215	13.13	38.6285	106.7840449	106.783930	2.190399	106.850969	
2010	181	2300	181.958333333	06/30/2010 23:00	06/30/2010 22:00	218.66	3.10786	0.194	16.21	0.213	13.1	38.6409	106.7802538	106.780138	2.186599	106.847169	
2010	181	2400	182.000000000	07/01/2010 0:00	06/30/2010 23:00	218.16	3.10076	0.195	16.19	0.214	13.07	38.6573	106.7752655	106.775150	2.181599	106.842169	
2010	182	100	182.041666667	07/01/2010 1:00	07/01/2010 0:00	217.72	3.09450	0.197	16.23	0.216	13.05	38.6717	106.7708758	106.770760	2.177199	106.837769	
2010	182	200	182.083333333	07/01/2010 2:00	07/01/2010 1:00	216.97	3.08384	0.21	16.25	0.23	13.04	38.6962	106.7633933	106.763278	2.169699	106.830269	
2010	182	300	182.125000000	07/01/2010 3:00	07/01/2010 2:00	216.16	3.07233	0.209	16.23	0.229	13.02	38.7227	106.7553123	106.755197	2.161599	106.822169	
2010	182	400	182.166666667	07/01/2010 4:00	07/01/2010 3:00	215.07	3.05684	0.204	16.23	0.224	13	38.7584	106.7444378	106.744322	2.150699	106.811269	
2010	182	500	182.208333333	07/01/2010 5:00	07/01/2010 4:00	213.68	3.03708	0.204	16.21	0.223	13	38.8039	106.7305703	106.730455	2.136799	106.797369	
2010	182	600	182.250000000	07/01/2010 6:00	07/01/2010 5:00	212.14	3.01519	0.204	16.25	0.224	13.23	38.8543	106.7152063	106.715091	2.121399	106.781969	
2010	182	700	182.291666667	07/01/2010 7:00	07/01/2010 6:00	210.54	2.99245	0.205	16.25	0.224	13.66	38.9067	106.6992438	106.699128	2.105399	106.765969	
2010	182	800	182.333333333	07/01/2010 8:00	07/01/2010 7:00	207.79	2.95337	0.206	16.26	0.225	13.58	38.9967	106.6718081	106.671693	2.077899	106.738469	
2010	182	900	182.375000000	07/01/2010 9:00	07/01/2010 8:00	207.99	2.95621	0.207	16.25	0.226	13.49	38.9901	106.6738034	106.673688	2.079899	106.740469	
2010	182	1000	182.416666667	07/01/2010 10:00	07/01/2010 9:00	206.29	2.93205	0.209	16.24	0.229	13.44	39.0458	106.6568432	106.656728	2.062899	106.723469	
2010	182	1100	182.458333333	07/01/2010 11:00	07/01/2010 10:00	205.7	2.92366	0.211	16.24	0.231	13.41	39.0651	106.650957	106.650842	2.056999	106.717569	
2010	182	1200	182.500000000	07/01/2010 12:00	07/01/2010 11:00	204.4	2.90518	0.213	16.25	0.234	13.39	39.1077	106.6379874	106.637872	2.043999	106.704569	
2010	182	1300	182.541666667	07/01/2010 13:00	07/01/2010 12:00	203.97	2.89907	0.215	16.25	0.236	13.36	39.1217	106.6336975	106.633582	2.039699	106.700269	
2010	182	1400	182.583333333	07/01/2010 14:00	07/01/2010 13:00	203.06	2.88614	0.218	16.29	0.239	13.33	39.1515	106.6246188	106.624503	2.030599	106.691169	
2010	182	1500	182.625000000	07/01/2010 15:00	07/01/2010 14:00	203.59	2.89367	0.221	16.3	0.242	13.3	39.1342	106.6299064	106.629791	2.035899	106.696469	
2010	182	1600	182.666666667	07/01/2010 16:00	07/01/2010 15:00	203.01	2.88543	0.221	16.28	0.242	13.3	39.1531	106.62412	106.624005	2.030099	106.690669	
2010	182	1700	182.708333333	07/01/2010 17:00	07/01/2010 16:00	204.59	2.90788	0.222	16.29	0.243	13.3	39.1014	106.639883	106.639768	2.045899	106.706469	
2010	182	1800	182.750000000	07/01/2010 18:00	07/01/2010 17:00	205.77	2.92466	0.221	16.3	0.242	13.26	39.0628	106.6516554	106.651540	2.057699	106.718269	
2010	182	1900	182.791666667	07/01/2010 19:00	07/01/2010 18:00	206.98	2.94185	0.221	16.28	0.242	13.16	39.0232	106.6637271	106.663612	2.069799	106.730369	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	182	2000	182.833333333	07/01/2010 20:00	07/01/2010 19:00	208.05	2.95706	0.22	16.26	0.241	13.12	38.9882	106.674402	106.674287	2.080499	106.741069	
2010	182	2100	182.875000000	07/01/2010 21:00	07/01/2010 20:00	209	2.97056	0.213	16.26	0.233	13.07	38.9571	106.6838798	106.683764	2.089999	106.750569	
2010	182	2200	182.916666667	07/01/2010 22:00	07/01/2010 21:00	210.11	2.98634	0.218	16.27	0.238	13.05	38.9208	106.6949538	106.694838	2.101099	106.761669	
2010	182	2300	182.958333333	07/01/2010 23:00	07/01/2010 22:00	210.76	2.99558	0.216	16.27	0.237	13.03	38.8995	106.7014386	106.701323	2.107599	106.768169	
2010	182	2400	183.000000000	07/02/2010 0:00	07/01/2010 23:00	211.19	3.00169	0.215	16.27	0.236	13.01	38.8854	106.7057286	106.705613	2.111899	106.772469	
2010	183	100	183.041666667	07/02/2010 1:00	07/02/2010 0:00	211.4	3.00468	0.215	16.27	0.235	13	38.8785	106.7078237	106.707708	2.113999	106.774569	
2010	183	200	183.083333333	07/02/2010 2:00	07/02/2010 1:00	211.1	3.00041	0.213	16.25	0.234	12.98	38.8884	106.7048307	106.704715	2.110999	106.771569	
2010	183	300	183.125000000	07/02/2010 3:00	07/02/2010 2:00	210.49	2.99174	0.213	16.26	0.234	12.97	38.9083	106.698745	106.698630	2.104899	106.765469	
2010	183	400	183.166666667	07/02/2010 4:00	07/02/2010 3:00	209.65	2.97980	0.213	16.27	0.234	12.97	38.9358	106.6903646	106.690249	2.096499	106.757069	
2010	183	500	183.208333333	07/02/2010 5:00	07/02/2010 4:00	208.42	2.96232	0.216	16.27	0.236	12.96	38.9761	106.6780934	106.677978	2.084199	106.744769	
2010	183	600	183.250000000	07/02/2010 6:00	07/02/2010 5:00	206.8	2.93930	0.216	16.28	0.237	13.25	39.0291	106.6619313	106.661816	2.067999	106.728569	
2010	183	700	183.291666667	07/02/2010 7:00	07/02/2010 6:00	205.39	2.91925	0.217	16.3	0.237	13.6	39.0752	106.6478643	106.647749	2.053899	106.714469	
2010	183	800	183.333333333	07/02/2010 8:00	07/02/2010 7:00	203.46	2.89182	0.218	16.29	0.239	13.55	39.1384	106.6286094	106.628494	2.034599	106.695169	
2010	183	900	183.375000000	07/02/2010 9:00	07/02/2010 8:00	202.28	2.87505	0.219	16.29	0.24	13.49	39.1770	106.616837	106.616722	2.022799	106.683369	
2010	183	1000	183.416666667	07/02/2010 10:00	07/02/2010 9:00	201.43	2.86297	0.221	16.31	0.242	13.49	39.2049	106.6083569	106.608242	2.014299	106.674869	
2010	183	1100	183.458333333	07/02/2010 11:00	07/02/2010 10:00	199.73	2.83881	0.222	16.34	0.243	13.46	39.2605	106.5913967	106.591281	1.997299	106.657869	
2010	183	1200	183.500000000	07/02/2010 12:00	07/02/2010 11:00	199.95	2.84193	0.222	16.32	0.243	13.44	39.2533	106.5935915	106.593476	1.999499	106.660069	
2010	183	1300	183.541666667	07/02/2010 13:00	07/02/2010 12:00	199.59	2.83682	0.222	16.35	0.243	13.4	39.2651	106.59	106.589885	1.995899	106.656469	
2010	183	1400	183.583333333	07/02/2010 14:00	07/02/2010 13:00	199.2	2.83127	0.223	16.37	0.245	13.39	39.2779	106.5861091	106.585994	1.991999	106.652569	
2010	183	1500	183.625000000	07/02/2010 15:00	07/02/2010 14:00	199.1	2.82985	0.224	16.35	0.245	13.41	39.2811	106.5851114	106.584996	1.990999	106.651569	
2010	183	1600	183.666666667	07/02/2010 16:00	07/02/2010 15:00	199.2	2.83127	0.224	16.35	0.245	13.39	39.2779	106.5861091	106.585994	1.991999	106.652569	
2010	183	1700	183.708333333	07/02/2010 17:00	07/02/2010 16:00	199.58	2.83668	0.224	16.37	0.246	13.39	39.2654	106.5899002	106.589785	1.995799	106.656369	
2010	183	1800	183.750000000	07/02/2010 18:00	07/02/2010 17:00	198.84	2.82616	0.225	16.36	0.246	13.57	39.2896	106.5825175	106.582402	1.988399	106.648969	
2010	183	1900	183.791666667	07/02/2010 19:00	07/02/2010 18:00	199.58	2.83668	0.225	16.37	0.247	13.43	39.2654	106.5899002	106.589785	1.995799	106.656369	
2010	183	2000	183.833333333	07/02/2010 20:00	07/02/2010 19:00	200.08	2.84378	0.225	16.36	0.246	13.31	39.2491	106.5948885	106.594773	2.000799	106.661369	
2010	183	2100	183.875000000	07/02/2010 21:00	07/02/2010 20:00	200.53	2.85018	0.225	16.36	0.247	13.24	39.2343	106.599378	106.599263	2.005299	106.665869	
2010	183	2200	183.916666667	07/02/2010 22:00	07/02/2010 21:00	201.14	2.85885	0.225	16.35	0.247	13.19	39.2144	106.6054637	106.605348	2.011399	106.671969	
2010	183	2300	183.958333333	07/02/2010 23:00	07/02/2010 22:00	201.87	2.86922	0.225	16.35	0.247	13.14	39.1905	106.6127466	106.612631	2.018699	106.679269	
2010	183	2400	184.000000000	07/03/2010 0:00	07/02/2010 23:00	202.46	2.87761	0.225	16.34	0.246	13.1	39.1712	106.6186328	106.618517	2.024599	106.685169	
2010	184	100	184.041666667	07/03/2010 1:00	07/03/2010 0:00	203.21	2.88827	0.224	16.33	0.245	13.08	39.1466	106.6261153	106.626000	2.032099	106.692669	
2010	184	200	184.083333333	07/03/2010 2:00	07/03/2010 1:00	203.93	2.89850	0.22	16.33	0.241	13.04	39.1230	106.6332984	106.633183	2.039299	106.699869	
2010	184	300	184.125000000	07/03/2010 3:00	07/03/2010 2:00	204.48	2.90632	0.22	16.31	0.241	13.03	39.1050	106.6387856	106.638670	2.044799	106.705369	
2010	184	400	184.166666667	07/03/2010 4:00	07/03/2010 3:00	204.86	2.91172	0.221	16.34	0.242	13.01	39.0926	106.6425767	106.642461	2.048599	106.709169	
2010	184	500	184.208333333	07/03/2010 5:00	07/03/2010 4:00	205.05	2.91442	0.221	16.34	0.242	13	39.0864	106.6444722	106.644357	2.050499	106.711069	
2010	184	600	184.250000000	07/03/2010 6:00	07/03/2010 5:00	204.95	2.91300	0.22	16.3	0.241	13.64	39.0897	106.6434746	106.643359	2.049499	106.710069	
2010	184	700	184.291666667	07/03/2010 7:00	07/03/2010 6:00	205.12	2.91542	0.22	16.31	0.241	13.65	39.0841	106.6451706	106.645055	2.051199	106.711769	
2010	184	800	184.333333333	07/03/2010 8:00	07/03/2010 7:00	204	2.89950	0.22	16.32	0.24	13.61	39.1207	106.6339968	106.633881	2.039999	106.700569	
2010	184	900	184.375000000	07/03/2010 9:00	07/03/2010 8:00	203.51	2.89253	0.222	16.33	0.243	13.54	39.1368	106.6291083	106.628993	2.035099	106.695669	
2010	184	1000	184.416666667	07/03/2010 10:00	07/03/2010 9:00	203.46	2.89182	0.222	16.34	0.243	13.48	39.1384	106.6286094	106.628494	2.034599	106.695169	
2010	184	1100	184.458333333	07/03/2010 11:00	07/03/2010 10:00	201.41	2.86269	0.223	16.35	0.245	13.44	39.2055	106.6081574	106.608042	2.014099	106.674669	
2010	184	1200	184.500000000	07/03/2010 12:00	07/03/2010 11:00	197.95	2.81351	0.225	16.34	0.246	13.46	39.3188	106.5736383	106.573523	1.979499	106.640069	
2010	184	1300	184.541666667	07/03/2010 13:00	07/03/2010 12:00	196.03	2.78622	0.227	16.38	0.248	13.44	39.3816	106.5544833	106.554368	1.960299	106.620869	
2010	184	1400	184.583333333	07/03/2010 14:00	07/03/2010 13:00	193.93	2.75637	0.228	16.39	0.249	13.42	39.4504	106.5335324	106.533417	1.939299	106.599869	
2010	184	1500	184.625000000	07/03/2010 15:00	07/03/2010 14:00	190.41	2.70634	0.229	16.4	0.251	13.39	39.5656	106.4984147	106.498299	1.904099	106.564669	
2010	184	1600	184.666666667	07/03/2010 16:00	07/03/2010 15:00	188.01	2.67223	0.231	16.4	0.253	13.38	39.6441	106.4744709	106.474356	1.880099	106.540669	
2010	184	1700	184.708333333	07/03/2010 17:00	07/03/2010 16:00	187.04	2.65844	0.233	16.42	0.255	13.37	39.6759	106.4647936	106.464678	1.870399	106.530969	
2010	184	1800	184.750000000	07/03/2010 18:00	07/03/2010 17:00	185.48	2.63627	0.236	16.41	0.258	13.37	39.7269	106.4492301	106.449115	1.854799	106.515369	
2010	184	1900	184.791666667	07/03/2010 19:00	07/03/2010 18:00	184.82	2.62689	0.238	16.44	0.26	13.28	39.7485	106.4426455	106.442530	1.848199	106.508769	
2010	184	2000	184.833333333	07/03/2010 20:00	07/03/2010 19:00	183.74	2.61154	0.24	16.42	0.263	13.19	39.7839	106.4318708	106.431755	1.837399	106.497970	
2010	184	2100	184.875000000	07/03/2010 21:00	07/03/2010 20:00	183.01	2.60116	0.242	16.42	0.265	13.14	39.8078	106.4245879	106.424473	1.830099	106.490670	
2010	184	2200	184.916666667	07/03/2010 22:00	07/03/2010 21:00	182.2	2.58965	0.244	16.43	0.267	13.09	39.8343	106.4165068	106.416391	1.821999	106.482570	
2010	184	2300	184.958333333	07/03/2010 23:00	07/03/2010 22:00	181.48	2.57942	0.246	16.44	0.269	13.06	39.8579	106.4093237	106.409208	1.814799	106.475370	
2010	184	2400	185.000000000	07/04/2010 0:00	07/03/2010 23:00	180.98	2.57231	0.248	16.44	0.271	13.03	39.8742	106.4043354	106.404220	1.809799	106.470370	
2010	185	100	185.041666667	07/04/2010 1:00	07/04/2010 0:00	180.56	2.56634	0.249	16.44	0.273	13.02	39.8880	106.4001452	106.400030	1.805599	106.466170	
2010	185	200	185.083333333	07/04/2010 2:00	07/04/2010 1:00	180.24	2.56179	0.251	16.45	0.275	13	39.8984	106.3969527	106.396837	1.802399	106.462970	
2010	185	300	185.125000000	07/04/2010 3:00	07/04/2010 2:00	180.06	2.55923	0.252	16.45	0.276	12.98	39.9043	106.3951569	106.395042	1.800599	106.461170	
2010	185	400	185.166666667	07/04/2010 4:00	07/04/2010 3:00	179.91	2.55710	0.253	16.44	0.277	12.97	39.9093	106.3936604	106.393545	1.799099	106.459670	
2010	185	500	185.208333333	07/04/2010 5:00	07/04/2010 4:00	179.58	2.55241	0.255	16.46	0.279	12.97	39.9201	106.3903681	106.390253	1.795799	106.456370	
2010	185	600	185.250000000	07/04/2010 6:00	07/04/2010 5:00	179.61	2.55284	0.257	16.45	0.28	13.03	39.9191	106.3906674	106.390552	1.796099	106.456670	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	185	700	185.291666667	07/04/2010 7:00	07/04/2010 6:00	179.26	2.54786	0.258	16.46	0.282	13.6	39.9305	106.3871756	106.387060	1.792599	106.453170	
2010	185	800	185.333333333	07/04/2010 8:00	07/04/2010 7:00	178.12	2.53166	0.26	16.45	0.284	13.55	39.9678	106.3758023	106.375687	1.781199	106.441770	
2010	185	900	185.375000000	07/04/2010 9:00	07/04/2010 8:00	178.51	2.53720	0.261	16.47	0.285	13.5	39.9551	106.3796932	106.379578	1.785099	106.445670	
2010	185	1000	185.416666667	07/04/2010 10:00	07/04/2010 9:00	177.11	2.51730	0.263	16.48	0.287	13.45	40.0009	106.3657259	106.365611	1.771099	106.431670	
2010	185	1100	185.458333333	07/04/2010 11:00	07/04/2010 10:00	175.32	2.49186	0.264	16.47	0.289	13.42	40.0595	106.3478678	106.347752	1.753199	106.413770	
2010	185	1200	185.500000000	07/04/2010 12:00	07/04/2010 11:00	174.82	2.48476	0.266	16.46	0.291	13.37	40.0759	106.3428795	106.342764	1.748199	106.408770	
2010	185	1300	185.541666667	07/04/2010 13:00	07/04/2010 12:00	174.16	2.47538	0.268	16.48	0.293	13.35	40.0975	106.3362949	106.336180	1.741599	106.402170	
2010	185	1400	185.583333333	07/04/2010 14:00	07/04/2010 13:00	172.72	2.45491	0.27	16.49	0.295	13.32	40.1446	106.3219286	106.321813	1.727199	106.387770	
2010	185	1500	185.625000000	07/04/2010 15:00	07/04/2010 14:00	172.02	2.44496	0.273	16.49	0.298	13.3	40.1675	106.314945	106.314830	1.720199	106.380770	
2010	185	1600	185.666666667	07/04/2010 16:00	07/04/2010 15:00	171.3	2.43473	0.275	16.5	0.3	13.29	40.1911	106.3077618	106.307647	1.712999	106.373570	
2010	185	1700	185.708333333	07/04/2010 17:00	07/04/2010 16:00	170.29	2.42037	0.277	16.48	0.303	13.32	40.2241	106.2976855	106.297570	1.702899	106.363470	
2010	185	1800	185.750000000	07/04/2010 18:00	07/04/2010 17:00	169.43	2.40815	0.28	16.46	0.306	13.37	40.2523	106.2891056	106.288990	1.694299	106.354870	
2010	185	1900	185.791666667	07/04/2010 19:00	07/04/2010 18:00	168.39	2.39337	0.282	16.51	0.308	13.28	40.2863	106.2787299	106.278615	1.683899	106.344470	
2010	185	2000	185.833333333	07/04/2010 20:00	07/04/2010 19:00	167.19	2.37631	0.283	16.49	0.31	13.19	40.3256	106.266758	106.266643	1.671899	106.332470	
2010	185	2100	185.875000000	07/04/2010 21:00	07/04/2010 20:00	165.88	2.35769	0.286	16.48	0.312	13.12	40.3685	106.2536887	106.253573	1.658799	106.319370	
2010	185	2200	185.916666667	07/04/2010 22:00	07/04/2010 21:00	164.68	2.34063	0.289	16.47	0.315	13.08	40.4078	106.2417167	106.241601	1.646799	106.307370	
2010	185	2300	185.958333333	07/04/2010 23:00	07/04/2010 22:00	163.1	2.31818	0.291	16.49	0.318	13.05	40.4595	106.2259537	106.225838	1.630999	106.291570	
2010	185	2400	186.000000000	07/05/2010 0:00	07/04/2010 23:00	161.86	2.30055	0.293	16.49	0.32	13.02	40.5001	106.2135827	106.213467	1.618599	106.279170	
2010	186	100	186.041666667	07/05/2010 1:00	07/05/2010 0:00	160.58	2.28236	0.296	16.48	0.323	13	40.5420	106.2008127	106.200697	1.605799	106.266370	
2010	186	200	186.083333333	07/05/2010 2:00	07/05/2010 1:00	159.25	2.26346	0.298	16.5	0.325	12.98	40.5855	106.1875438	106.187428	1.592499	106.253070	
2010	186	300	186.125000000	07/05/2010 3:00	07/05/2010 2:00	158.08	2.24683	0.3	16.5	0.328	12.97	40.6238	106.1758711	106.175756	1.580799	106.241370	
2010	186	400	186.166666667	07/05/2010 4:00	07/05/2010 3:00	157	2.23148	0.302	16.49	0.331	12.96	40.6591	106.1650964	106.164981	1.569999	106.230570	
2010	186	500	186.208333333	07/05/2010 5:00	07/05/2010 4:00	155.64	2.21215	0.304	16.49	0.333	12.95	40.7036	106.1515282	106.151413	1.556399	106.216970	
2010	186	600	186.250000000	07/05/2010 6:00	07/05/2010 5:00	154.45	2.19523	0.307	16.51	0.336	12.96	40.7426	106.1396561	106.139541	1.544499	106.205070	
2010	186	700	186.291666667	07/05/2010 7:00	07/05/2010 6:00	153.63	2.18358	0.308	16.5	0.336	13.55	40.7694	106.1314753	106.131360	1.536299	106.196870	
2010	186	800	186.333333333	07/05/2010 8:00	07/05/2010 7:00	152.54	2.16809	0.311	16.5	0.34	13.51	40.8051	106.1206008	106.120485	1.525399	106.185970	
2010	186	900	186.375000000	07/05/2010 9:00	07/05/2010 8:00	151.5	2.15330	0.314	16.5	0.343	13.46	40.8392	106.1102251	106.110110	1.514999	106.175570	
2010	186	1000	186.416666667	07/05/2010 10:00	07/05/2010 9:00	150.62	2.14080	0.316	16.5	0.345	13.43	40.8680	106.1014457	106.101330	1.506199	106.166770	
2010	186	1100	186.458333333	07/05/2010 11:00	07/05/2010 10:00	149.99	2.13184	0.318	16.48	0.348	13.38	40.8886	106.0951604	106.095045	1.499899	106.160470	
2010	186	1200	186.500000000	07/05/2010 12:00	07/05/2010 11:00	149.73	2.12815	0.32	16.51	0.35	13.37	40.8971	106.0925665	106.092451	1.497299	106.157870	
2010	186	1300	186.541666667	07/05/2010 13:00	07/05/2010 12:00	148.43	2.10967	0.322	16.49	0.352	13.37	40.9396	106.0795969	106.079482	1.484299	106.144870	
2010	186	1400	186.583333333	07/05/2010 14:00	07/05/2010 13:00	147.61	2.09801	0.323	16.5	0.353	13.36	40.9665	106.0714161	106.071301	1.476099	106.136670	
2010	186	1500	186.625000000	07/05/2010 15:00	07/05/2010 14:00	148.38	2.10896	0.326	16.51	0.357	13.31	40.9413	106.0790981	106.078983	1.483799	106.144370	
2010	186	1600	186.666666667	07/05/2010 16:00	07/05/2010 15:00	146.16	2.07741	0.328	16.51	0.359	13.32	41.0139	106.05695	106.056835	1.461599	106.122170	
2010	186	1700	186.708333333	07/05/2010 17:00	07/05/2010 16:00	146.41	2.08096	0.33	16.51	0.36	13.33	41.0058	106.0594442	106.059329	1.464099	106.124670	
2010	186	1800	186.750000000	07/05/2010 18:00	07/05/2010 17:00	145.95	2.07442	0.331	16.5	0.362	13.34	41.0208	106.0548549	106.054740	1.459499	106.120070	
2010	186	1900	186.791666667	07/05/2010 19:00	07/05/2010 18:00	145.7	2.07087	0.333	16.52	0.364	13.26	41.0290	106.0523608	106.052245	1.456999	106.117570	
2010	186	2000	186.833333333	07/05/2010 20:00	07/05/2010 19:00	145.45	2.06731	0.335	16.51	0.366	13.16	41.0372	106.0498666	106.049751	1.454499	106.115070	
2010	186	2100	186.875000000	07/05/2010 21:00	07/05/2010 20:00	145.1	2.06234	0.336	16.46	0.368	13.1	41.0486	106.0463748	106.046259	1.450999	106.111570	
2010	186	2200	186.916666667	07/05/2010 22:00	07/05/2010 21:00	145.17	2.06333	0.337	16.49	0.368	13.06	41.0463	106.0470732	106.046958	1.451699	106.112270	
2010	186	2300	186.958333333	07/05/2010 23:00	07/05/2010 22:00	145.15	2.06305	0.338	16.5	0.369	13.03	41.0470	106.0468737	106.046758	1.451499	106.112070	
2010	186	2400	187.000000000	07/06/2010 0:00	07/05/2010 23:00	144.93	2.05992	0.34	16.47	0.372	13.01	41.0542	106.0446788	106.044563	1.449299	106.109870	
2010	187	100	187.041666667	07/06/2010 1:00	07/06/2010 0:00	144.73	2.05708	0.341	16.48	0.373	12.99	41.0607	106.0426835	106.042568	1.447299	106.107870	
2010	187	200	187.083333333	07/06/2010 2:00	07/06/2010 1:00	144.33	2.05140	0.343	16.49	0.375	12.98	41.0738	106.0386928	106.038577	1.443299	106.103870	
2010	187	300	187.125000000	07/06/2010 3:00	07/06/2010 2:00	144.26	2.05040	0.344	16.5	0.376	12.96	41.0761	106.0379945	106.037879	1.442599	106.103170	
2010	187	400	187.166666667	07/06/2010 4:00	07/06/2010 3:00	144.14	2.04869	0.345	16.49	0.377	12.95	41.0801	106.0367973	106.036682	1.441399	106.101970	
2010	187	500	187.208333333	07/06/2010 5:00	07/06/2010 4:00	143.82	2.04415	0.345	16.48	0.377	12.94	41.0905	106.0336048	106.033489	1.438199	106.098770	
2010	187	600	187.250000000	07/06/2010 6:00	07/06/2010 5:00	143.83	2.04429	0.348	16.5	0.381	12.96	41.0902	106.0337045	106.033589	1.438299	106.098870	
2010	187	700	187.291666667	07/06/2010 7:00	07/06/2010 6:00	143.97	2.04628	0.349	16.49	0.381	13.54	41.0856	106.0351013	106.034986	1.439699	106.100270	
2010	187	800	187.333333333	07/06/2010 8:00	07/06/2010 7:00	144.04	2.04727	0.35	16.52	0.382	13.5	41.0833	106.0357996	106.035684	1.440399	106.100970	
2010	187	900	187.375000000	07/06/2010 9:00	07/06/2010 8:00	144.24	2.05012	0.35	16.48	0.383	13.45	41.0768	106.0377949	106.037680	1.442399	106.102970	
2010	187	1000	187.416666667	07/06/2010 10:00	07/06/2010 9:00	144.52	2.05410	0.352	16.49	0.384	13.39	41.0676	106.0405884	106.040473	1.445199	106.105770	
2010	187	1100	187.458333333	07/06/2010 11:00	07/06/2010 10:00	144.19	2.04941	0.352	16.51	0.385	13.34	41.0784	106.0372961	106.037181	1.441899	106.102470	
2010	187	1200	187.500000000	07/06/2010 12:00	07/06/2010 11:00	144.44	2.05296	0.353	16.51	0.386	13.3	41.0702	106.0397903	106.039675	1.444399	106.104970	
2010	187	1300	187.541666667	07/06/2010 13:00	07/06/2010 12:00	144.82	2.05836	0.354	16.51	0.387	13.3	41.0578	106.0435814	106.043466	1.448199	106.108770	
2010	187	1400	187.583333333	07/06/2010 14:00	07/06/2010 13:00	144.65	2.05594	0.355	16.5	0.388	13.28	41.0634	106.0418854	106.041770	1.446499	106.107070	
2010	187	1500	187.625000000	07/06/2010 15:00	07/06/2010 14:00	145.24	2.06433	0.354	16.51	0.387	13.24	41.0441	106.0477715	106.047656	1.452399	106.112970	
2010	187	1600	187.666666667	07/06/2010 16:00	07/06/2010 15:00	144.99	2.06078	0.357	16.51	0.39	13.22	41.0522	106.0452774	106.045162	1.449899	106.110470	
2010	187	1700	187.708333333	07/06/2010 17:00	07/06/2010 16:00	145	2.06092	0.356	16.54	0.389	13.23	41.0519	106.0453772	106.045262	1.449999	106.110570	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	187	1800	187.750000000	07/06/2010 18:00	07/06/2010 17:00	145.01	2.06106	0.358	16.53	0.391	13.24	41.0516	106.0454769	106.045362	1.450099	106.110670	
2010	187	1900	187.791666667	07/06/2010 19:00	07/06/2010 18:00	145	2.06092	0.358	16.49	0.392	13.16	41.0519	106.0453772	106.045262	1.449999	106.110570	
2010	187	2000	187.833333333	07/06/2010 20:00	07/06/2010 19:00	144.94	2.06007	0.359	16.52	0.393	13.08	41.0539	106.0447786	106.044663	1.449399	106.109970	
2010	187	2100	187.875000000	07/06/2010 21:00	07/06/2010 20:00	144.88	2.05921	0.36	16.5	0.393	13.04	41.0558	106.04418	106.044065	1.448799	106.109370	
2010	187	2200	187.916666667	07/06/2010 22:00	07/06/2010 21:00	144.85	2.05879	0.36	16.51	0.394	13.02	41.0568	106.0438807	106.043765	1.448499	106.109070	
2010	187	2300	187.958333333	07/06/2010 23:00	07/06/2010 22:00	144.84	2.05864	0.36	16.51	0.393	12.99	41.0571	106.0437809	106.043666	1.448399	106.108970	
2010	187	2400	188.000000000	07/07/2010 0:00	07/06/2010 23:00	144.84	2.05864	0.362	16.51	0.395	12.98	41.0571	106.0437809	106.043666	1.448399	106.108970	
2010	188	100	188.041666667	07/07/2010 1:00	07/07/2010 0:00	145	2.06092	0.362	16.5	0.396	12.96	41.0519	106.0453772	106.045262	1.449999	106.110570	
2010	188	200	188.083333333	07/07/2010 2:00	07/07/2010 1:00	145.3	2.06518	0.363	16.5	0.397	12.95	41.0421	106.0483701	106.048255	1.452999	106.113570	
2010	188	300	188.125000000	07/07/2010 3:00	07/07/2010 2:00	145.63	2.06987	0.363	16.51	0.397	12.94	41.0313	106.0516624	106.051547	1.456299	106.116870	
2010	188	400	188.166666667	07/07/2010 4:00	07/07/2010 3:00	146.11	2.07669	0.363	16.51	0.397	12.94	41.0156	106.0564512	106.056336	1.461099	106.121670	
2010	188	500	188.208333333	07/07/2010 5:00	07/07/2010 4:00	146.2	2.07797	0.364	16.51	0.398	12.94	41.0126	106.0573491	106.057234	1.461999	106.122570	
2010	188	600	188.250000000	07/07/2010 6:00	07/07/2010 5:00	146.44	2.08138	0.364	16.52	0.398	12.94	41.0048	106.0597435	106.059628	1.464399	106.124970	
2010	188	700	188.291666667	07/07/2010 7:00	07/07/2010 6:00	146.94	2.08849	0.364	16.51	0.398	13.5	40.9884	106.0647318	106.064616	1.469399	106.129970	
2010	188	800	188.333333333	07/07/2010 8:00	07/07/2010 7:00	147.01	2.08949	0.365	16.54	0.398	13.46	40.9861	106.0654301	106.065315	1.470099	106.130670	
2010	188	900	188.375000000	07/07/2010 9:00	07/07/2010 8:00	147.27	2.09318	0.365	16.5	0.399	13.4	40.9776	106.0680241	106.067909	1.472699	106.133270	
2010	188	1000	188.416666667	07/07/2010 10:00	07/07/2010 9:00	147.7	2.09929	0.365	16.51	0.399	13.33	40.9635	106.072314	106.072199	1.476999	106.137570	
2010	188	1100	188.458333333	07/07/2010 11:00	07/07/2010 10:00	147.23	2.09261	0.366	16.52	0.4	13.27	40.9789	106.067625	106.067510	1.472299	106.132870	
2010	188	1200	188.500000000	07/07/2010 12:00	07/07/2010 11:00	146.76	2.08593	0.367	16.51	0.401	13.23	40.9943	106.062936	106.062821	1.467599	106.128170	
2010	188	1300	188.541666667	07/07/2010 13:00	07/07/2010 12:00	145.91	2.07385	0.367	16.53	0.401	13.2	41.0221	106.0544559	106.054341	1.459099	106.119670	
2010	188	1400	188.583333333	07/07/2010 14:00	07/07/2010 13:00	144.74	2.05722	0.367	16.54	0.401	13.16	41.0604	106.0427832	106.042668	1.447399	106.107970	
2010	188	1500	188.625000000	07/07/2010 15:00	07/07/2010 14:00	143.27	2.03633	0.368	16.54	0.402	13.13	41.1085	106.0281176	106.028002	1.432699	106.093270	
2010	188	1600	188.666666667	07/07/2010 16:00	07/07/2010 15:00	142.26	2.02197	0.369	16.51	0.403	13.1	41.1416	106.0180413	106.017926	1.422599	106.083170	
2010	188	1700	188.708333333	07/07/2010 17:00	07/07/2010 16:00	141.32	2.00861	0.369	16.52	0.403	13.1	41.1724	106.0086633	106.008548	1.413199	106.073770	
2010	188	1800	188.750000000	07/07/2010 18:00	07/07/2010 17:00	140.04	1.99042	0.37	16.53	0.404	13.14	41.2143	105.9958932	105.995778	1.400399	106.060970	
2010	188	1900	188.791666667	07/07/2010 19:00	07/07/2010 18:00	138.5	1.96853	0.371	16.53	0.405	13.07	41.2647	105.9805292	105.980414	1.384999	106.045570	
2010	188	2000	188.833333333	07/07/2010 20:00	07/07/2010 19:00	137.61	1.95588	0.371	16.51	0.406	13.01	41.2938	105.9716501	105.971535	1.376099	106.036670	
2010	188	2100	188.875000000	07/07/2010 21:00	07/07/2010 20:00	136.57	1.94110	0.371	16.53	0.406	13	41.3278	105.9612744	105.961159	1.365699	106.026270	
2010	188	2200	188.916666667	07/07/2010 22:00	07/07/2010 21:00	135.97	1.93257	0.371	16.5	0.405	12.98	41.3475	105.9552884	105.955173	1.359699	106.020270	
2010	188	2300	188.958333333	07/07/2010 23:00	07/07/2010 22:00	135.38	1.92419	0.371	16.53	0.406	12.98	41.3668	105.9494022	105.949287	1.353799	106.014370	
2010	188	2400	189.000000000	07/08/2010 0:00	07/07/2010 23:00	135.02	1.91907	0.372	16.52	0.407	12.98	41.3786	105.9458107	105.945695	1.350199	106.010770	
2010	189	100	189.041666667	07/08/2010 1:00	07/08/2010 0:00	134.91	1.91751	0.373	16.52	0.407	12.97	41.3822	105.9447132	105.944598	1.349099	106.009670	
2010	189	200	189.083333333	07/08/2010 2:00	07/08/2010 1:00	135.18	1.92134	0.372	16.53	0.407	12.95	41.3733	105.9474069	105.947292	1.351799	106.012370	
2010	189	300	189.125000000	07/08/2010 3:00	07/08/2010 2:00	135.57	1.92689	0.373	16.52	0.407	12.95	41.3606	105.9512978	105.951182	1.355699	106.016270	
2010	189	400	189.166666667	07/08/2010 4:00	07/08/2010 3:00	136.29	1.93712	0.373	16.52	0.408	12.95	41.3370	105.9584809	105.958366	1.362899	106.023470	
2010	189	500	189.208333333	07/08/2010 5:00	07/08/2010 4:00	136.46	1.93954	0.373	16.51	0.408	12.94	41.3314	105.960177	105.960062	1.364599	106.025170	
2010	189	600	189.250000000	07/08/2010 6:00	07/08/2010 5:00	136.19	1.93570	0.373	16.53	0.408	12.95	41.3403	105.9574833	105.957368	1.361899	106.022470	
2010	189	700	189.291666667	07/08/2010 7:00	07/08/2010 6:00	135.65	1.92802	0.374	16.53	0.408	13.45	41.3580	105.9520959	105.951981	1.356499	106.017070	
2010	189	800	189.333333333	07/08/2010 8:00	07/08/2010 7:00	134.71	1.91466	0.374	16.52	0.409	13.39	41.3887	105.9427179	105.942603	1.347099	106.007670	
2010	189	900	189.375000000	07/08/2010 9:00	07/08/2010 8:00	134.31	1.90898	0.374	16.52	0.409	13.32	41.4018	105.9387273	105.938612	1.343099	106.003670	
2010	189	1000	189.416666667	07/08/2010 10:00	07/08/2010 9:00	133.81	1.90187	0.375	16.53	0.41	13.28	41.4182	105.933739	105.933624	1.338099	105.998670	
2010	189	1100	189.458333333	07/08/2010 11:00	07/08/2010 10:00	133.67	1.89988	0.375	16.52	0.41	13.22	41.4228	105.9323422	105.932227	1.336699	105.997270	
2010	189	1200	189.500000000	07/08/2010 12:00	07/08/2010 11:00	133.63	1.89931	0.376	16.54	0.41	13.17	41.4241	105.9319432	105.931828	1.336299	105.996870	
2010	189	1300	189.541666667	07/08/2010 13:00	07/08/2010 12:00	133.67	1.89988	0.376	16.53	0.411	13.16	41.4228	105.9323422	105.932227	1.336699	105.997270	
2010	189	1400	189.583333333	07/08/2010 14:00	07/08/2010 13:00	132.78	1.88723	0.376	16.54	0.411	13.13	41.4519	105.9234631	105.923348	1.327799	105.988370	
2010	189	1500	189.625000000	07/08/2010 15:00	07/08/2010 14:00	132.09	1.87743	0.376	16.54	0.411	13.1	41.4745	105.9165792	105.916464	1.320899	105.981470	
2010	189	1600	189.666666667	07/08/2010 16:00	07/08/2010 15:00	131.74	1.87245	0.376	16.53	0.411	13.09	41.4859	105.9130874	105.912972	1.317399	105.977970	
2010	189	1700	189.708333333	07/08/2010 17:00	07/08/2010 16:00	131.5	1.86904	0.377	16.53	0.412	13.1	41.4938	105.910693	105.910578	1.314999	105.975570	
2010	189	1800	189.750000000	07/08/2010 18:00	07/08/2010 17:00	131.08	1.86307	0.377	16.53	0.412	13.12	41.5075	105.9065028	105.906387	1.310799	105.971370	
2010	189	1900	189.791666667	07/08/2010 19:00	07/08/2010 18:00	130.76	1.85852	0.377	16.52	0.412	13.04	41.5180	105.9033103	105.903195	1.307599	105.968170	
2010	189	2000	189.833333333	07/08/2010 20:00	07/08/2010 19:00	130.58	1.85596	0.378	16.54	0.413	13.01	41.5239	105.9015145	105.901399	1.305799	105.966370	
2010	189	2100	189.875000000	07/08/2010 21:00	07/08/2010 20:00	130.51	1.85497	0.378	16.52	0.414	12.99	41.5262	105.9008162	105.900701	1.305099	105.965670	
2010	189	2200	189.916666667	07/08/2010 22:00	07/08/2010 21:00	130.24	1.85113	0.378	16.54	0.413	12.98	41.5350	105.8981225	105.898007	1.302399	105.962970	
2010	189	2300	189.958333333	07/08/2010 23:00	07/08/2010 22:00	130.44	1.85397	0.379	16.51	0.414	12.97	41.5285	105.9001178	105.900002	1.304399	105.964970	
2010	189	2400	190.000000000	07/09/2010 0:00	07/08/2010 23:00	130.46	1.85426	0.379	16.52	0.414	12.96	41.5278	105.9003173	105.900202	1.304599	105.965170	
2010	190	100	190.041666667	07/09/2010 1:00	07/09/2010 0:00	130.76	1.85852	0.379	16.53	0.414	12.95	41.5180	105.9033103	105.903195	1.307599	105.968170	
2010	190	200	190.083333333	07/09/2010 2:00	07/09/2010 1:00	131.22	1.86506	0.38	16.51	0.415	12.95	41.5030	105.9078996	105.907784	1.312199	105.972770	
2010	190	300	190.125000000	07/09/2010 3:00	07/09/2010 2:00	131.72	1.87217	0.38	16.52	0.415	12.94	41.4866	105.9128879	105.912773	1.317199	105.977770	
2010	190	400	190.166666667	07/09/2010 4:00	07/09/2010 3:00	132.11	1.87771	0.38	16.52	0.415	12.94	41.4738	105.9167787	105.916663	1.321099	105.981670	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	190	500	190.208333333	07/09/2010 5:00	07/09/2010 4:00	131.96	1.87558	0.38	16.52	0.415	12.93	41.4787	105.9152822	105.915167	1.319599	105.980170	
2010	190	600	190.250000000	07/09/2010 6:00	07/09/2010 5:00	131.96	1.87558	0.38	16.53	0.415	12.96	41.4787	105.9152822	105.915167	1.319599	105.980170	
2010	190	700	190.291666667	07/09/2010 7:00	07/09/2010 6:00	132.23	1.87941	0.381	16.52	0.416	13.43	41.4699	105.9179759	105.917861	1.322299	105.982870	
2010	190	800	190.333333333	07/09/2010 8:00	07/09/2010 7:00	132.42	1.88212	0.381	16.53	0.416	13.37	41.4637	105.9198715	105.919756	1.324199	105.984770	
2010	190	900	190.375000000	07/09/2010 9:00	07/09/2010 8:00	132.98	1.89007	0.381	16.53	0.417	13.3	41.4453	105.9254584	105.925343	1.329799	105.990370	
2010	190	1000	190.416666667	07/09/2010 10:00	07/09/2010 9:00	133.5	1.89747	0.381	16.54	0.417	13.25	41.4283	105.9306462	105.930531	1.334999	105.995570	
2010	190	1100	190.458333333	07/09/2010 11:00	07/09/2010 10:00	133.91	1.90329	0.382	16.54	0.417	13.19	41.4149	105.9347366	105.934621	1.339099	105.999670	
2010	190	1200	190.500000000	07/09/2010 12:00	07/09/2010 11:00	134.07	1.90557	0.381	16.54	0.417	13.15	41.4097	105.9363329	105.936218	1.340699	106.001270	
2010	190	1300	190.541666667	07/09/2010 13:00	07/09/2010 12:00	134.58	1.91282	0.382	16.54	0.417	13.13	41.3930	105.941421	105.941306	1.345799	106.006370	
2010	190	1400	190.583333333	07/09/2010 14:00	07/09/2010 13:00	135.12	1.92049	0.382	16.55	0.417	13.1	41.3753	105.9468083	105.946693	1.351199	106.011770	
2010	190	1500	190.625000000	07/09/2010 15:00	07/09/2010 14:00	135.77	1.92973	0.382	16.55	0.417	13.08	41.3540	105.9532931	105.953178	1.357699	106.018270	
2010	190	1600	190.666666667	07/09/2010 16:00	07/09/2010 15:00	136.44	1.93925	0.38	16.54	0.415	13.06	41.3321	105.9599774	105.959862	1.364399	106.024970	
2010	190	1700	190.708333333	07/09/2010 17:00	07/09/2010 16:00	137.63	1.95617	0.381	16.55	0.417	13.07	41.2931	105.9718496	105.971734	1.376299	106.036870	
2010	190	1800	190.750000000	07/09/2010 18:00	07/09/2010 17:00	138.23	1.96469	0.381	16.53	0.416	13.08	41.2735	105.9778356	105.977720	1.382299	106.042870	
2010	190	1900	190.791666667	07/09/2010 19:00	07/09/2010 18:00	139.26	1.97933	0.38	16.54	0.415	13.02	41.2398	105.9881115	105.987996	1.392599	106.053170	
2010	190	2000	190.833333333	07/09/2010 20:00	07/09/2010 19:00	139.69	1.98545	0.381	16.53	0.417	12.99	41.2257	105.9924014	105.992286	1.396899	106.057470	
2010	190	2100	190.875000000	07/09/2010 21:00	07/09/2010 20:00	140.33	1.99454	0.381	16.55	0.416	12.99	41.2048	105.9987864	105.998671	1.403299	106.063870	
2010	190	2200	190.916666667	07/09/2010 22:00	07/09/2010 21:00	140.86	2.00208	0.38	16.54	0.415	12.98	41.1874	106.004074	106.003959	1.408599	106.069170	
2010	190	2300	190.958333333	07/09/2010 23:00	07/09/2010 22:00	141.49	2.01103	0.38	16.52	0.415	12.97	41.1668	106.0103593	106.010244	1.414899	106.075470	
2010	190	2400	191.000000000	07/10/2010 0:00	07/09/2010 23:00	142.02	2.01856	0.379	16.51	0.414	12.97	41.1495	106.0156469	106.015532	1.420199	106.080770	
2010	191	100	191.041666667	07/10/2010 1:00	07/10/2010 0:00	142.78	2.02936	0.379	16.52	0.414	12.96	41.1246	106.0232291	106.023114	1.427799	106.088370	
2010	191	200	191.083333333	07/10/2010 2:00	07/10/2010 1:00	143.37	2.03775	0.378	16.52	0.413	12.96	41.1053	106.0291153	106.029000	1.433699	106.094270	
2010	191	300	191.125000000	07/10/2010 3:00	07/10/2010 2:00	143.82	2.04415	0.378	16.52	0.413	12.96	41.0905	106.0336048	106.033489	1.438199	106.098770	
2010	191	400	191.166666667	07/10/2010 4:00	07/10/2010 3:00	144.04	2.04727	0.378	16.54	0.413	12.95	41.0833	106.0357996	106.035684	1.440399	106.100970	
2010	191	500	191.208333333	07/10/2010 5:00	07/10/2010 4:00	144.05	2.04742	0.378	16.54	0.413	12.95	41.0830	106.0358994	106.035784	1.440499	106.101070	
2010	191	600	191.250000000	07/10/2010 6:00	07/10/2010 5:00	143.5	2.03960	0.377	16.52	0.412	13.41	41.1010	106.0304123	106.030297	1.434999	106.095570	
2010	191	700	191.291666667	07/10/2010 7:00	07/10/2010 6:00	143.52	2.03988	0.377	16.51	0.411	13.39	41.1004	106.0306118	106.030496	1.435199	106.095770	
2010	191	800	191.333333333	07/10/2010 8:00	07/10/2010 7:00	143.28	2.03647	0.378	16.53	0.413	13.36	41.1082	106.0282174	106.028102	1.432799	106.093370	
2010	191	900	191.375000000	07/10/2010 9:00	07/10/2010 8:00	142.44	2.02453	0.379	16.53	0.414	13.3	41.1357	106.0198371	106.019722	1.424399	106.084970	
2010	191	1000	191.416666667	07/10/2010 10:00	07/10/2010 9:00	142.39	2.02382	0.38	16.55	0.416	13.22	41.1373	106.0193382	106.019223	1.423899	106.084470	
2010	191	1100	191.458333333	07/10/2010 11:00	07/10/2010 10:00	141.72	2.01430	0.381	16.53	0.417	13.18	41.1593	106.0126539	106.012539	1.417199	106.077770	
2010	191	1200	191.500000000	07/10/2010 12:00	07/10/2010 11:00	141.93	2.01728	0.382	16.53	0.417	13.16	41.1524	106.014749	106.014634	1.419299	106.079870	
2010	191	1300	191.541666667	07/10/2010 13:00	07/10/2010 12:00	141.57	2.01217	0.383	16.53	0.418	13.14	41.1642	106.0111574	106.011042	1.415699	106.076270	
2010	191	1400	191.583333333	07/10/2010 14:00	07/10/2010 13:00	140.21	1.99284	0.383	16.53	0.418	13.14	41.2087	105.9975892	105.997474	1.402099	106.062670	
2010	191	1500	191.625000000	07/10/2010 15:00	07/10/2010 14:00	139.4	1.98132	0.384	16.54	0.419	13.11	41.2352	105.9895082	105.989393	1.393999	106.054570	
2010	191	1600	191.666666667	07/10/2010 16:00	07/10/2010 15:00	139.22	1.97877	0.384	16.53	0.419	13.1	41.2411	105.9877124	105.987597	1.392199	106.052770	
2010	191	1700	191.708333333	07/10/2010 17:00	07/10/2010 16:00	139.81	1.98715	0.384	16.55	0.42	13.1	41.2218	105.9935986	105.993483	1.398099	106.058670	
2010	191	1800	191.750000000	07/10/2010 18:00	07/10/2010 17:00	139.96	1.98928	0.384	16.54	0.42	13.12	41.2169	105.9950951	105.994980	1.399599	106.060170	
2010	191	1900	191.791666667	07/10/2010 19:00	07/10/2010 18:00	139.92	1.98871	0.384	16.53	0.42	13.06	41.2182	105.994696	105.994581	1.399199	106.059770	
2010	191	2000	191.833333333	07/10/2010 20:00	07/10/2010 19:00	139.97	1.98943	0.384	16.54	0.42	13.02	41.2166	105.9951948	105.995080	1.399699	106.060270	
2010	191	2100	191.875000000	07/10/2010 21:00	07/10/2010 20:00	139.67	1.98516	0.384	16.53	0.42	13	41.2264	105.9922019	105.992087	1.396699	106.057270	
2010	191	2200	191.916666667	07/10/2010 22:00	07/10/2010 21:00	139.66	1.98502	0.385	16.54	0.42	12.99	41.2267	105.9921021	105.991987	1.396599	106.057170	
2010	191	2300	191.958333333	07/10/2010 23:00	07/10/2010 22:00	139.65	1.98488	0.385	16.51	0.42	12.97	41.2270	105.9920023	105.991887	1.396499	106.057070	
2010	191	2400	192.000000000	07/11/2010 0:00	07/10/2010 23:00	139.36	1.98076	0.385	16.5	0.421	12.98	41.2365	105.9891091	105.988994	1.393599	106.054170	
2010	192	100	192.041666667	07/11/2010 1:00	07/11/2010 0:00	139.14	1.97763	0.385	16.53	0.421	12.96	41.2437	105.9869143	105.986799	1.391399	106.051970	
2010	192	200	192.083333333	07/11/2010 2:00	07/11/2010 1:00	138.87	1.97379	0.386	16.53	0.421	12.96	41.2526	105.9842206	105.984105	1.388699	106.049270	
2010	192	300	192.125000000	07/11/2010 3:00	07/11/2010 2:00	138.67	1.97095	0.386	16.53	0.422	12.95	41.2591	105.9822253	105.982110	1.386699	106.047270	
2010	192	400	192.166666667	07/11/2010 4:00	07/11/2010 3:00	138.44	1.96768	0.386	16.54	0.421	12.95	41.2666	105.9799306	105.979815	1.384399	106.044970	
2010	192	500	192.208333333	07/11/2010 5:00	07/11/2010 4:00	138.02	1.96171	0.386	16.53	0.421	12.95	41.2804	105.9757405	105.975625	1.380199	106.040770	
2010	192	600	192.250000000	07/11/2010 6:00	07/11/2010 5:00	137.79	1.95844	0.386	16.54	0.422	12.96	41.2879	105.9734459	105.973331	1.377899	106.038470	
2010	192	700	192.291666667	07/11/2010 7:00	07/11/2010 6:00	137.59	1.95560	0.386	16.55	0.422	13.35	41.2945	105.9714505	105.971335	1.375899	106.036470	
2010	192	800	192.333333333	07/11/2010 8:00	07/11/2010 7:00	137.28	1.95119	0.386	16.52	0.422	13.32	41.3046	105.9683578	105.968242	1.372799	106.033370	
2010	192	900	192.375000000	07/11/2010 9:00	07/11/2010 8:00	136.75	1.94366	0.387	16.53	0.422	13.28	41.3219	105.9630702	105.962955	1.367499	106.028070	
2010	192	1000	192.416666667	07/11/2010 10:00	07/11/2010 9:00	136.18	1.93556	0.387	16.56	0.422	13.22	41.3406	105.9573835	105.957268	1.361799	106.022370	
2010	192	1100	192.458333333	07/11/2010 11:00	07/11/2010 10:00	134.85	1.91665	0.386	16.53	0.422	13.17	41.3841	105.9441146	105.943999	1.348499	106.009070	
2010	192	1200	192.500000000	07/11/2010 12:00	07/11/2010 11:00	133.88	1.90287	0.386	16.55	0.422	13.14	41.4159	105.9344373	105.934322	1.338799	105.999370	
2010	192	1300	192.541666667	07/11/2010 13:00	07/11/2010 12:00	132.15	1.87828	0.386	16.54	0.422	13.14	41.4725	105.9171778	105.917062	1.321499	105.982070	
2010	192	1400	192.583333333	07/11/2010 14:00	07/11/2010 13:00	131.18	1.86449	0.387	16.57	0.422	13.11	41.5043	105.9075005	105.907385	1.311799	105.972370	
2010	192	1500	192.625000000	07/11/2010 15:00	07/11/2010 14:00	130.34	1.85255	0.387	16.57	0.422	13.08	41.5318	105.8991202	105.899005	1.303399	105.963970	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	192	1600	192.666666667	07/11/2010 16:00	07/11/2010 15:00	129.9	1.84630	0.386	16.56	0.422	13.08	41.5462	105.8947304	105.894615	1.298999	105.959570	
2010	192	1700	192.708333333	07/11/2010 17:00	07/11/2010 16:00	129.12	1.83521	0.387	16.54	0.422	13.08	41.5717	105.8869487	105.886833	1.291199	105.951770	
2010	192	1800	192.750000000	07/11/2010 18:00	07/11/2010 17:00	129.09	1.83479	0.387	16.57	0.422	13.08	41.5727	105.8866494	105.886534	1.290899	105.951470	
2010	192	1900	192.791666667	07/11/2010 19:00	07/11/2010 18:00	129.29	1.83763	0.387	16.55	0.423	13.03	41.5661	105.8886447	105.888529	1.292899	105.953470	
2010	192	2000	192.833333333	07/11/2010 20:00	07/11/2010 19:00	129.23	1.83678	0.387	16.54	0.422	13.01	41.5681	105.8880461	105.887931	1.292299	105.952870	
2010	192	2100	192.875000000	07/11/2010 21:00	07/11/2010 20:00	129.3	1.83777	0.387	16.51	0.423	12.99	41.5658	105.8887445	105.888629	1.292999	105.953570	
2010	192	2200	192.916666667	07/11/2010 22:00	07/11/2010 21:00	129.37	1.83877	0.387	16.53	0.423	12.97	41.5635	105.8894428	105.889327	1.293699	105.954270	
2010	192	2300	192.958333333	07/11/2010 23:00	07/11/2010 22:00	129.51	1.84076	0.387	16.55	0.423	12.97	41.5589	105.8908396	105.890724	1.295099	105.955670	
2010	192	2400	193.000000000	07/12/2010 0:00	07/11/2010 23:00	129.6	1.84203	0.387	16.54	0.423	12.96	41.5560	105.8917375	105.891622	1.295999	105.956570	
2010	193	100	193.041666667	07/12/2010 1:00	07/12/2010 0:00	129.64	1.84260	0.387	16.57	0.423	12.96	41.5547	105.8921365	105.892021	1.296399	105.956970	
2010	193	200	193.083333333	07/12/2010 2:00	07/12/2010 1:00	129.76	1.84431	0.387	16.55	0.423	12.95	41.5507	105.8933337	105.893218	1.297599	105.958170	
2010	193	300	193.125000000	07/12/2010 3:00	07/12/2010 2:00	129.83	1.84530	0.387	16.54	0.423	12.95	41.5485	105.8940321	105.893917	1.298299	105.958870	
2010	193	400	193.166666667	07/12/2010 4:00	07/12/2010 3:00	129.99	1.84758	0.387	16.54	0.423	12.95	41.5432	105.8956283	105.895513	1.299899	105.960470	
2010	193	500	193.208333333	07/12/2010 5:00	07/12/2010 4:00	129.91	1.84644	0.388	16.52	0.423	12.94	41.5458	105.8948302	105.894715	1.299099	105.959670	
2010	193	600	193.250000000	07/12/2010 6:00	07/12/2010 5:00	129.92	1.84658	0.388	16.54	0.423	12.94	41.5455	105.89493	105.894815	1.299199	105.959770	
2010	193	700	193.291666667	07/12/2010 7:00	07/12/2010 6:00	130	1.84772	0.388	16.54	0.424	13.39	41.5429	105.8957281	105.895613	1.299999	105.960570	
2010	193	800	193.333333333	07/12/2010 8:00	07/12/2010 7:00	129.75	1.84417	0.388	16.55	0.424	13.38	41.5511	105.893234	105.893119	1.297499	105.958070	
2010	193	900	193.375000000	07/12/2010 9:00	07/12/2010 8:00	129.7	1.84346	0.388	16.56	0.424	13.33	41.5527	105.8927351	105.892620	1.296999	105.957570	
2010	193	1000	193.416666667	07/12/2010 10:00	07/12/2010 9:00	129.14	1.83550	0.388	16.55	0.424	13.28	41.5710	105.8871482	105.887033	1.291399	105.951970	
2010	193	1100	193.458333333	07/12/2010 11:00	07/12/2010 10:00	129.21	1.83649	0.388	16.55	0.424	13.26	41.5687	105.8878466	105.887731	1.292099	105.952670	
2010	193	1200	193.500000000	07/12/2010 12:00	07/12/2010 11:00	128.96	1.83294	0.388	16.54	0.424	13.24	41.5769	105.8853524	105.885237	1.289599	105.950170	
2010	193	1300	193.541666667	07/12/2010 13:00	07/12/2010 12:00	129.3	1.83777	0.389	16.53	0.425	13.25	41.5658	105.8887445	105.888629	1.292999	105.953570	
2010	193	1400	193.583333333	07/12/2010 14:00	07/12/2010 13:00	128.63	1.82825	0.389	16.53	0.425	13.24	41.5877	105.8820602	105.881945	1.286299	105.946870	
2010	193	1500	193.625000000	07/12/2010 15:00	07/12/2010 14:00	127.76	1.81588	0.389	16.54	0.425	13.23	41.6162	105.8733805	105.873265	1.277599	105.938170	
2010	193	1600	193.666666667	07/12/2010 16:00	07/12/2010 15:00	127.63	1.81403	0.389	16.56	0.425	13.24	41.6205	105.8720836	105.871968	1.276299	105.936870	
2010	193	1700	193.708333333	07/12/2010 17:00	07/12/2010 16:00	127.4	1.81077	0.389	16.56	0.425	13.27	41.6280	105.8697889	105.869674	1.273999	105.934570	
2010	193	1800	193.750000000	07/12/2010 18:00	07/12/2010 17:00	126.87	1.80323	0.389	16.52	0.425	13.33	41.6453	105.8645013	105.864386	1.268699	105.929270	
2010	193	1900	193.791666667	07/12/2010 19:00	07/12/2010 18:00	126.46	1.79740	0.389	16.54	0.425	13.24	41.6588	105.8604109	105.860296	1.264599	105.925170	
2010	193	2000	193.833333333	07/12/2010 20:00	07/12/2010 19:00	125.71	1.78674	0.389	16.53	0.426	13.16	41.6833	105.8529285	105.852813	1.257099	105.917670	
2010	193	2100	193.875000000	07/12/2010 21:00	07/12/2010 20:00	125.23	1.77992	0.39	16.54	0.426	13.12	41.6990	105.8481397	105.848024	1.252299	105.912870	
2010	193	2200	193.916666667	07/12/2010 22:00	07/12/2010 21:00	124.65	1.77168	0.39	16.55	0.426	13.08	41.7180	105.8423533	105.842238	1.246499	105.907070	
2010	193	2300	193.958333333	07/12/2010 23:00	07/12/2010 22:00	124.14	1.76443	0.389	16.55	0.425	13.07	41.7347	105.8372652	105.837150	1.241399	105.901970	
2010	193	2400	194.000000000	07/13/2010 0:00	07/12/2010 23:00	123.58	1.75647	0.39	16.54	0.426	13.05	41.7530	105.8316783	105.831563	1.235799	105.896370	
2010	194	100	194.041666667	07/13/2010 1:00	07/13/2010 0:00	123.08	1.74936	0.39	16.53	0.426	13.03	41.7694	105.82669	105.826575	1.230799	105.891370	
2010	194	200	194.083333333	07/13/2010 2:00	07/13/2010 1:00	122.43	1.74013	0.39	16.54	0.426	13.02	41.7907	105.8202052	105.820090	1.224299	105.884870	
2010	194	300	194.125000000	07/13/2010 3:00	07/13/2010 2:00	121.78	1.73089	0.39	16.55	0.426	13	41.8119	105.8137204	105.813605	1.217799	105.878370	
2010	194	400	194.166666667	07/13/2010 4:00	07/13/2010 3:00	121.02	1.72008	0.39	16.53	0.427	12.99	41.8368	105.8061382	105.806023	1.210199	105.870770	
2010	194	500	194.208333333	07/13/2010 5:00	07/13/2010 4:00	119.76	1.70218	0.39	16.55	0.426	12.98	41.8781	105.7935677	105.793452	1.197599	105.858170	
2010	194	600	194.250000000	07/13/2010 6:00	07/13/2010 5:00	118.58	1.68540	0.39	16.54	0.426	13	41.9167	105.7817953	105.781680	1.185799	105.846370	
2010	194	700	194.291666667	07/13/2010 7:00	07/13/2010 6:00	117.36	1.66806	0.39	16.54	0.426	13.58	41.9566	105.7696238	105.769508	1.173599	105.834170	
2010	194	800	194.333333333	07/13/2010 8:00	07/13/2010 7:00	116	1.64873	0.39	16.55	0.426	13.52	42.0011	105.7560557	105.755940	1.159999	105.820570	
2010	194	900	194.375000000	07/13/2010 9:00	07/13/2010 8:00	114.34	1.62514	0.39	16.55	0.426	13.47	42.0555	105.7394945	105.739379	1.143399	105.803970	
2010	194	1000	194.416666667	07/13/2010 10:00	07/13/2010 9:00	113.11	1.60766	0.39	16.55	0.426	13.43	42.0957	105.7272233	105.727108	1.131099	105.791670	
2010	194	1100	194.458333333	07/13/2010 11:00	07/13/2010 10:00	111.82	1.58932	0.39	16.55	0.426	13.39	42.1379	105.7143534	105.714238	1.118199	105.778770	
2010	194	1200	194.500000000	07/13/2010 12:00	07/13/2010 11:00	110.05	1.56417	0.39	16.52	0.426	13.37	42.1959	105.6966949	105.696580	1.100499	105.761070	
2010	194	1300	194.541666667	07/13/2010 13:00	07/13/2010 12:00	110.46	1.56999	0.39	16.55	0.426	13.38	42.1825	105.7007853	105.700670	1.104599	105.765170	
2010	194	1400	194.583333333	07/13/2010 14:00	07/13/2010 13:00	109.58	1.55749	0.39	16.53	0.426	13.4	42.2113	105.6920059	105.691891	1.095799	105.756370	
2010	194	1500	194.625000000	07/13/2010 15:00	07/13/2010 14:00	107.19	1.52352	0.39	16.52	0.427	13.37	42.2895	105.6681618	105.668046	1.071899	105.732470	
2010	194	1600	194.666666667	07/13/2010 16:00	07/13/2010 15:00	107.9	1.53361	0.39	16.54	0.426	13.34	42.2663	105.6752452	105.675130	1.078999	105.739570	
2010	194	1700	194.708333333	07/13/2010 17:00	07/13/2010 16:00	107.95	1.53432	0.39	16.54	0.426	13.35	42.2646	105.675744	105.675629	1.079499	105.740070	
2010	194	1800	194.750000000	07/13/2010 18:00	07/13/2010 17:00	108.5	1.54214	0.391	16.54	0.427	13.36	42.2466	105.6812311	105.681116	1.084999	105.745570	
2010	194	1900	194.791666667	07/13/2010 19:00	07/13/2010 18:00	109.39	1.55478	0.391	16.54	0.427	13.26	42.2175	105.6901103	105.689995	1.093899	105.754470	
2010	194	2000	194.833333333	07/13/2010 20:00	07/13/2010 19:00	110.15	1.56559	0.391	16.52	0.427	13.19	42.1926	105.6976925	105.697577	1.101499	105.762070	
2010	194	2100	194.875000000	07/13/2010 21:00	07/13/2010 20:00	111.03	1.57809	0.391	16.52	0.427	13.15	42.1638	105.7064719	105.706357	1.110299	105.770870	
2010	194	2200	194.916666667	07/13/2010 22:00	07/13/2010 21:00	111.76	1.58847	0.391	16.53	0.427	13.12	42.1399	105.7137549	105.713640	1.117599	105.778170	
2010	194	2300	194.958333333	07/13/2010 23:00	07/13/2010 22:00	112.4	1.59757	0.391	16.54	0.427	13.09	42.1190	105.7201399	105.720025	1.123999	105.784570	
2010	194	2400	195.000000000	07/14/2010 0:00	07/13/2010 23:00	112.71	1.60197	0.392	16.52	0.428	13.07	42.1088	105.7232326	105.723117	1.127099	105.787670	
2010	195	100	195.041666667	07/14/2010 1:00	07/14/2010 0:00	112.86	1.60410	0.392	16.54	0.428	13.06	42.1039	105.7247291	105.724614	1.128599	105.789170	
2010	195	200	195.083333333	07/14/2010 2:00	07/14/2010 1:00	112.74	1.60240	0.392	16.53	0.428	13.05	42.1078	105.7235319	105.723417	1.127399	105.787970	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	195	300	195.125000000	07/14/2010 3:00	07/14/2010 2:00	112.42	1.59785	0.392	16.53	0.428	13.04	42.1183	105.7203394	105.720224	1.124199	105.784770	
2010	195	400	195.166666667	07/14/2010 4:00	07/14/2010 3:00	111.86	1.58989	0.392	16.52	0.428	13.02	42.1366	105.7147525	105.714637	1.118599	105.779170	
2010	195	500	195.208333333	07/14/2010 5:00	07/14/2010 4:00	110.85	1.57554	0.392	16.55	0.429	13.02	42.1697	105.7046761	105.704561	1.108499	105.769070	
2010	195	600	195.250000000	07/14/2010 6:00	07/14/2010 5:00	110.09	1.56473	0.392	16.53	0.429	13.02	42.1946	105.6970939	105.696979	1.100899	105.761470	
2010	195	700	195.291666667	07/14/2010 7:00	07/14/2010 6:00	109.27	1.55308	0.393	16.53	0.429	13.54	42.2214	105.6889131	105.688798	1.092699	105.753270	
2010	195	800	195.333333333	07/14/2010 8:00	07/14/2010 7:00	108.14	1.53702	0.393	16.53	0.429	13.52	42.2584	105.6776395	105.677524	1.081399	105.741970	
2010	195	900	195.375000000	07/14/2010 9:00	07/14/2010 8:00	107.42	1.52678	0.393	16.53	0.429	13.46	42.2820	105.6704564	105.670341	1.074199	105.734770	
2010	195	1000	195.416666667	07/14/2010 10:00	07/14/2010 9:00	106.68	1.51627	0.393	16.55	0.429	13.41	42.3062	105.6630737	105.662958	1.066799	105.727370	
2010	195	1100	195.458333333	07/14/2010 11:00	07/14/2010 10:00	106.47	1.51328	0.393	16.53	0.429	13.36	42.3131	105.6609786	105.660863	1.064699	105.725270	
2010	195	1200	195.500000000	07/14/2010 12:00	07/14/2010 11:00	105.83	1.50419	0.393	16.52	0.429	13.32	42.3340	105.6545936	105.654478	1.058299	105.718870	
2010	195	1300	195.541666667	07/14/2010 13:00	07/14/2010 12:00	105.31	1.49679	0.393	16.55	0.429	13.31	42.3510	105.6494058	105.649290	1.053099	105.713670	
2010	195	1400	195.583333333	07/14/2010 14:00	07/14/2010 13:00	105.37	1.49765	0.393	16.56	0.429	13.28	42.3491	105.6500044	105.649889	1.053699	105.714270	
2010	195	1500	195.625000000	07/14/2010 15:00	07/14/2010 14:00	104.96	1.49182	0.393	16.54	0.43	13.24	42.3625	105.6459139	105.645799	1.049599	105.710170	
2010	195	1600	195.666666667	07/14/2010 16:00	07/14/2010 15:00	104.6	1.48670	0.393	16.55	0.43	13.23	42.3743	105.6423224	105.642207	1.046000	105.706570	
2010	195	1700	195.708333333	07/14/2010 17:00	07/14/2010 16:00	104.96	1.49182	0.393	16.54	0.43	13.22	42.3625	105.6459139	105.645799	1.049599	105.710170	
2010	195	1800	195.750000000	07/14/2010 18:00	07/14/2010 17:00	105.56	1.50035	0.393	16.54	0.43	13.24	42.3428	105.6518999	105.651785	1.055599	105.716170	
2010	195	1900	195.791666667	07/14/2010 19:00	07/14/2010 18:00	106.43	1.51271	0.393	16.54	0.43	13.16	42.3144	105.6605796	105.660464	1.064299	105.724870	
2010	195	2000	195.833333333	07/14/2010 20:00	07/14/2010 19:00	107.36	1.52593	0.393	16.55	0.43	13.11	42.2839	105.6698578	105.669742	1.073599	105.734170	
2010	195	2100	195.875000000	07/14/2010 21:00	07/14/2010 20:00	108.35	1.54000	0.394	16.55	0.43	13.09	42.2515	105.6797346	105.679619	1.083499	105.744070	
2010	195	2200	195.916666667	07/14/2010 22:00	07/14/2010 21:00	109.46	1.55578	0.394	16.55	0.43	13.06	42.2152	105.6908087	105.690693	1.094599	105.755170	
2010	195	2300	195.958333333	07/14/2010 23:00	07/14/2010 22:00	110.57	1.57156	0.394	16.54	0.43	13.05	42.1789	105.7018827	105.701767	1.105699	105.766270	
2010	195	2400	196.000000000	07/15/2010 0:00	07/14/2010 23:00	111.58	1.58591	0.394	16.55	0.43	13.04	42.1458	105.7119591	105.711844	1.115799	105.776370	
2010	196	100	196.041666667	07/15/2010 1:00	07/15/2010 0:00	112.66	1.60126	0.393	16.54	0.429	13.03	42.1105	105.7227338	105.722618	1.126599	105.787170	
2010	196	200	196.083333333	07/15/2010 2:00	07/15/2010 1:00	113.44	1.61235	0.393	16.54	0.43	13.02	42.0849	105.7305155	105.730400	1.134399	105.794970	
2010	196	300	196.125000000	07/15/2010 3:00	07/15/2010 2:00	113.88	1.61860	0.394	16.55	0.43	13.01	42.0705	105.7349053	105.734790	1.138799	105.799370	
2010	196	400	196.166666667	07/15/2010 4:00	07/15/2010 3:00	114.15	1.62244	0.393	16.56	0.43	13	42.0617	105.7375989	105.737484	1.141499	105.802070	
2010	196	500	196.208333333	07/15/2010 5:00	07/15/2010 4:00	113.82	1.61775	0.393	16.55	0.429	12.99	42.0725	105.7343067	105.734191	1.138199	105.798770	
2010	196	600	196.250000000	07/15/2010 6:00	07/15/2010 5:00	113.48	1.61292	0.394	16.53	0.43	12.99	42.0836	105.7309146	105.730799	1.134799	105.795370	
2010	196	700	196.291666667	07/15/2010 7:00	07/15/2010 6:00	113.07	1.60709	0.394	16.56	0.43	13.46	42.0970	105.7268242	105.726709	1.130699	105.791270	
2010	196	800	196.333333333	07/15/2010 8:00	07/15/2010 7:00	112.75	1.60254	0.394	16.53	0.431	13.44	42.1075	105.7236317	105.723516	1.127499	105.788070	
2010	196	900	196.375000000	07/15/2010 9:00	07/15/2010 8:00	113.14	1.60808	0.394	16.54	0.43	13.36	42.0947	105.7275226	105.727407	1.131399	105.791970	
2010	196	1000	196.416666667	07/15/2010 10:00	07/15/2010 9:00	114.13	1.62216	0.394	16.53	0.431	13.3	42.0623	105.7373994	105.737284	1.141299	105.801870	
2010	196	1100	196.458333333	07/15/2010 11:00	07/15/2010 10:00	115.46	1.64106	0.394	16.54	0.431	13.24	42.0188	105.7506683	105.750553	1.154599	105.815170	
2010	196	1200	196.500000000	07/15/2010 12:00	07/15/2010 11:00	115.95	1.64802	0.394	16.56	0.43	13.22	42.0028	105.7555568	105.755441	1.159499	105.820070	
2010	196	1300	196.541666667	07/15/2010 13:00	07/15/2010 12:00	116.62	1.65755	0.394	16.56	0.43	13.19	41.9808	105.7622411	105.762126	1.166199	105.826770	
2010	196	1400	196.583333333	07/15/2010 14:00	07/15/2010 13:00	117.56	1.67091	0.393	16.56	0.43	13.16	41.9501	105.7716192	105.771504	1.175599	105.836170	
2010	196	1500	196.625000000	07/15/2010 15:00	07/15/2010 14:00	118.01	1.67730	0.393	16.57	0.429	13.12	41.9353	105.7761086	105.775993	1.180099	105.840670	
2010	196	1600	196.666666667	07/15/2010 16:00	07/15/2010 15:00	119.03	1.69180	0.393	16.56	0.429	13.1	41.9020	105.7862848	105.786169	1.190299	105.850870	
2010	196	1700	196.708333333	07/15/2010 17:00	07/15/2010 16:00	120.46	1.71213	0.392	16.58	0.429	13.09	41.8551	105.8005513	105.800436	1.204599	105.865170	
2010	196	1800	196.750000000	07/15/2010 18:00	07/15/2010 17:00	120.6	1.71412	0.392	16.54	0.429	13.1	41.8506	105.801948	105.801833	1.205999	105.866570	
2010	196	1900	196.791666667	07/15/2010 19:00	07/15/2010 18:00	121.42	1.72577	0.393	16.54	0.429	13.05	41.8237	105.8101288	105.810013	1.214199	105.874770	
2010	196	2000	196.833333333	07/15/2010 20:00	07/15/2010 19:00	121.87	1.73217	0.393	16.55	0.43	13.02	41.8090	105.8146183	105.814503	1.218699	105.879270	
2010	196	2100	196.875000000	07/15/2010 21:00	07/15/2010 20:00	122.5	1.74112	0.393	16.53	0.429	13.01	41.7884	105.8209036	105.820788	1.224999	105.885570	
2010	196	2200	196.916666667	07/15/2010 22:00	07/15/2010 21:00	123.19	1.75093	0.393	16.54	0.429	13.01	41.7658	105.8277874	105.827672	1.231899	105.892470	
2010	196	2300	196.958333333	07/15/2010 23:00	07/15/2010 22:00	123.92	1.76130	0.392	16.56	0.428	13	41.7419	105.8350704	105.834955	1.239199	105.899770	
2010	196	2400	197.000000000	07/16/2010 0:00	07/15/2010 23:00	124.55	1.77026	0.39	16.53	0.426	12.99	41.7213	105.8413556	105.841240	1.245499	105.906070	
2010	197	100	197.041666667	07/16/2010 1:00	07/16/2010 0:00	125.23	1.77992	0.39	16.52	0.426	12.99	41.6990	105.8481397	105.848024	1.252299	105.912870	
2010	197	200	197.083333333	07/16/2010 2:00	07/16/2010 1:00	125.65	1.78589	0.39	16.54	0.426	12.98	41.6853	105.8523299	105.852215	1.256499	105.917070	
2010	197	300	197.125000000	07/16/2010 3:00	07/16/2010 2:00	126.01	1.79101	0.39	16.54	0.426	12.97	41.6735	105.8559215	105.855806	1.260099	105.920670	
2010	197	400	197.166666667	07/16/2010 4:00	07/16/2010 3:00	125.82	1.78831	0.39	16.54	0.426	12.96	41.6797	105.8540259	105.853911	1.258199	105.918770	
2010	197	500	197.208333333	07/16/2010 5:00	07/16/2010 4:00	125.23	1.77992	0.391	16.55	0.427	12.96	41.6990	105.8481397	105.848024	1.252299	105.912870	
2010	197	600	197.250000000	07/16/2010 6:00	07/16/2010 5:00	124.93	1.77566	0.389	16.54	0.425	12.95	41.7088	105.8451467	105.845031	1.249299	105.909870	
2010	197	700	197.291666667	07/16/2010 7:00	07/16/2010 6:00	124.6	1.77097	0.385	16.53	0.421	13.4	41.7196	105.8418544	105.841739	1.245999	105.906570	
2010	197	800	197.333333333	07/16/2010 8:00	07/16/2010 7:00	124.22	1.76557	0.385	16.54	0.42	13.38	41.7321	105.8380633	105.837948	1.242199	105.902770	
2010	197	900	197.375000000	07/16/2010 9:00	07/16/2010 8:00	124.48	1.76926	0.384	16.57	0.42	13.32	41.7236	105.8406573	105.840542	1.244799	105.905370	
2010	197	1000	197.416666667	07/16/2010 10:00	07/16/2010 9:00	124.82	1.77409	0.385	16.55	0.42	13.28	41.7124	105.8440493	105.843934	1.248199	105.908770	
2010	197	1100	197.458333333	07/16/2010 11:00	07/16/2010 10:00	125.1	1.77807	0.386	16.56	0.421	13.23	41.7033	105.8468427	105.846727	1.250999	105.911570	
2010	197	1200	197.500000000	07/16/2010 12:00	07/16/2010 11:00	125.56	1.78461	0.386	16.55	0.422	13.2	41.6882	105.851432	105.851317	1.255599	105.916170	
2010	197	1300	197.541666667	07/16/2010 13:00	07/16/2010 12:00	125.47	1.78333	0.386	16.56	0.421	13.2	41.6912	105.8505341	105.850419	1.254699	105.915270	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	197	1400	197.583333333	07/16/2010 14:00	07/16/2010 13:00	126.26	1.79456	0.385	16.55	0.421	13.17	41.6653	105.8584156	105.858300	1.262599	105.923170	
2010	197	1500	197.625000000	07/16/2010 15:00	07/16/2010 14:00	126.79	1.80210	0.385	16.56	0.42	13.14	41.6480	105.8637032	105.863588	1.267899	105.928470	
2010	197	1600	197.666666667	07/16/2010 16:00	07/16/2010 15:00	127.22	1.80821	0.384	16.56	0.42	13.11	41.6339	105.8679931	105.867878	1.272199	105.932770	
2010	197	1700	197.708333333	07/16/2010 17:00	07/16/2010 16:00	128.14	1.82128	0.383	16.55	0.418	13.1	41.6038	105.8771716	105.877056	1.281399	105.941970	
2010	197	1800	197.750000000	07/16/2010 18:00	07/16/2010 17:00	128.61	1.82796	0.383	16.55	0.418	13.12	41.5884	105.8818606	105.881745	1.286099	105.946670	
2010	197	1900	197.791666667	07/16/2010 19:00	07/16/2010 18:00	129.16	1.83578	0.383	16.55	0.419	13.06	41.5704	105.8873478	105.887232	1.291599	105.952170	
2010	197	2000	197.833333333	07/16/2010 20:00	07/16/2010 19:00	129.63	1.84246	0.385	16.55	0.42	13.03	41.5550	105.8920368	105.891921	1.296299	105.956870	
2010	197	2100	197.875000000	07/16/2010 21:00	07/16/2010 20:00	129.73	1.84388	0.383	16.53	0.419	13	41.5517	105.8930344	105.892919	1.297299	105.957870	
2010	197	2200	197.916666667	07/16/2010 22:00	07/16/2010 21:00	129.62	1.84232	0.383	16.52	0.419	13	41.5553	105.891937	105.891822	1.296199	105.956770	
2010	197	2300	197.958333333	07/16/2010 23:00	07/16/2010 22:00	129.3	1.83777	0.381	16.53	0.416	12.98	41.5658	105.8887445	105.888629	1.292999	105.953570	
2010	197	2400	198.000000000	07/17/2010 0:00	07/16/2010 23:00	128.66	1.82867	0.381	16.53	0.417	12.98	41.5867	105.8823595	105.882244	1.286599	105.947170	
2010	198	100	198.041666667	07/17/2010 1:00	07/17/2010 0:00	127.55	1.81290	0.387	16.54	0.422	12.97	41.6231	105.8712854	105.871170	1.275499	105.936070	
2010	198	200	198.083333333	07/17/2010 2:00	07/17/2010 1:00	126.3	1.79513	0.39	16.53	0.426	12.96	41.6640	105.8588147	105.858699	1.262999	105.923570	
2010	198	300	198.125000000	07/17/2010 3:00	07/17/2010 2:00	124.88	1.77495	0.392	16.55	0.428	12.95	41.7105	105.8446479	105.844533	1.248799	105.909370	
2010	198	400	198.166666667	07/17/2010 4:00	07/17/2010 3:00	123.4	1.75391	0.392	16.55	0.428	12.94	41.7589	105.8298825	105.829767	1.233999	105.894570	
2010	198	500	198.208333333	07/17/2010 5:00	07/17/2010 4:00	121.83	1.73160	0.392	16.53	0.428	12.94	41.8103	105.8142193	105.814104	1.218299	105.878870	
2010	198	600	198.250000000	07/17/2010 6:00	07/17/2010 5:00	120.52	1.71298	0.391	16.54	0.428	12.94	41.8532	105.8011499	105.801035	1.205199	105.865770	
2010	198	700	198.291666667	07/17/2010 7:00	07/17/2010 6:00	119.4	1.69706	0.391	16.55	0.427	13.44	41.8898	105.7899761	105.789861	1.193999	105.854570	
2010	198	800	198.333333333	07/17/2010 8:00	07/17/2010 7:00	118.15	1.67929	0.39	16.55	0.426	13.41	41.9308	105.7775053	105.777390	1.181499	105.842070	
2010	198	900	198.375000000	07/17/2010 9:00	07/17/2010 8:00	117.97	1.67673	0.389	16.56	0.425	13.35	41.9366	105.7757096	105.775594	1.179699	105.840270	
2010	198	1000	198.416666667	07/17/2010 10:00	07/17/2010 9:00	117.46	1.66949	0.389	16.55	0.424	13.29	41.9533	105.7706215	105.770506	1.174599	105.835170	
2010	198	1100	198.458333333	07/17/2010 11:00	07/17/2010 10:00	117.44	1.66920	0.388	16.55	0.424	13.27	41.9540	105.770422	105.770307	1.174399	105.834970	
2010	198	1200	198.500000000	07/17/2010 12:00	07/17/2010 11:00	117.31	1.66735	0.388	16.55	0.424	13.25	41.9583	105.769125	105.769010	1.173099	105.833670	
2010	198	1300	198.541666667	07/17/2010 13:00	07/17/2010 12:00	117.48	1.66977	0.388	16.55	0.424	13.24	41.9527	105.770821	105.770706	1.174799	105.835370	
2010	198	1400	198.583333333	07/17/2010 14:00	07/17/2010 13:00	117.22	1.66607	0.388	16.54	0.424	13.22	41.9612	105.7682271	105.768112	1.172199	105.832770	
2010	198	1500	198.625000000	07/17/2010 15:00	07/17/2010 14:00	117.42	1.66892	0.389	16.56	0.425	13.18	41.9547	105.7702224	105.770107	1.174199	105.834770	
2010	198	1600	198.666666667	07/17/2010 16:00	07/17/2010 15:00	116.96	1.66238	0.389	16.57	0.425	13.18	41.9697	105.7656332	105.765518	1.169599	105.830170	
2010	198	1700	198.708333333	07/17/2010 17:00	07/17/2010 16:00	116.59	1.65712	0.389	16.56	0.425	13.17	41.9818	105.7619418	105.761827	1.165899	105.826470	
2010	198	1800	198.750000000	07/17/2010 18:00	07/17/2010 17:00	115.77	1.64547	0.39	16.57	0.425	13.2	42.0087	105.753761	105.753646	1.157699	105.818270	
2010	198	1900	198.791666667	07/17/2010 19:00	07/17/2010 18:00	115.03	1.63495	0.39	16.57	0.426	13.12	42.0329	105.7463783	105.746263	1.150299	105.810870	
2010	198	2000	198.833333333	07/17/2010 20:00	07/17/2010 19:00	114.66	1.62969	0.39	16.56	0.426	13.07	42.0450	105.742687	105.742572	1.146599	105.807170	
2010	198	2100	198.875000000	07/17/2010 21:00	07/17/2010 20:00	114.53	1.62784	0.39	16.56	0.426	13.04	42.0492	105.74139	105.741275	1.145299	105.805870	
2010	198	2200	198.916666667	07/17/2010 22:00	07/17/2010 21:00	114.63	1.62926	0.39	16.56	0.426	13.02	42.0460	105.7423877	105.742272	1.146299	105.806870	
2010	198	2300	198.958333333	07/17/2010 23:00	07/17/2010 22:00	115.12	1.63623	0.39	16.53	0.426	13.01	42.0299	105.7472762	105.747161	1.151199	105.811770	
2010	198	2400	199.000000000	07/18/2010 0:00	07/17/2010 23:00	115.57	1.64262	0.39	16.54	0.426	13	42.0152	105.7517657	105.751650	1.155699	105.816270	
2010	199	100	199.041666667	07/18/2010 1:00	07/18/2010 0:00	115.75	1.64518	0.39	16.53	0.426	12.99	42.0093	105.7535615	105.753446	1.157499	105.818070	
2010	199	200	199.083333333	07/18/2010 2:00	07/18/2010 1:00	115.71	1.64461	0.39	16.56	0.426	12.97	42.0106	105.7531624	105.753047	1.157099	105.817670	
2010	199	300	199.125000000	07/18/2010 3:00	07/18/2010 2:00	115.34	1.63935	0.39	16.54	0.426	12.97	42.0227	105.7494711	105.749356	1.153399	105.813970	
2010	199	400	199.166666667	07/18/2010 4:00	07/18/2010 3:00	114.85	1.63239	0.391	16.54	0.427	12.96	42.0388	105.7445826	105.744467	1.148499	105.809070	
2010	199	500	199.208333333	07/18/2010 5:00	07/18/2010 4:00	113.93	1.61931	0.391	16.55	0.427	12.95	42.0689	105.7354041	105.735289	1.139299	105.799870	
2010	199	600	199.250000000	07/18/2010 6:00	07/18/2010 5:00	113.07	1.60709	0.391	16.55	0.427	12.95	42.0970	105.7268242	105.726709	1.130699	105.791270	
2010	199	700	199.291666667	07/18/2010 7:00	07/18/2010 6:00	112.38	1.59728	0.39	16.56	0.426	13.46	42.1196	105.7199403	105.719825	1.123799	105.784370	
2010	199	800	199.333333333	07/18/2010 8:00	07/18/2010 7:00	111.4	1.58335	0.391	16.55	0.427	13.43	42.1517	105.7101633	105.710048	1.113999	105.774570	
2010	199	900	199.375000000	07/18/2010 9:00	07/18/2010 8:00	111.18	1.58023	0.391	16.56	0.427	13.38	42.1589	105.7079684	105.707853	1.111799	105.772370	
2010	199	1000	199.416666667	07/18/2010 10:00	07/18/2010 9:00	110.72	1.57369	0.391	16.54	0.427	13.33	42.1740	105.7033792	105.703264	1.107199	105.767770	
2010	199	1100	199.458333333	07/18/2010 11:00	07/18/2010 10:00	111.31	1.58207	0.391	16.56	0.427	13.27	42.1546	105.7092654	105.709150	1.113099	105.773670	
2010	199	1200	199.500000000	07/18/2010 12:00	07/18/2010 11:00	111.98	1.59160	0.391	16.57	0.427	13.24	42.1327	105.7159497	105.715834	1.119799	105.780370	
2010	199	1300	199.541666667	07/18/2010 13:00	07/18/2010 12:00	112.69	1.60169	0.391	16.57	0.427	13.24	42.1095	105.7230331	105.722918	1.126899	105.787470	
2010	199	1400	199.583333333	07/18/2010 14:00	07/18/2010 13:00	112.91	1.60482	0.391	16.56	0.427	13.21	42.1023	105.7252279	105.725113	1.129099	105.789670	
2010	199	1500	199.625000000	07/18/2010 15:00	07/18/2010 14:00	114.04	1.62088	0.391	16.56	0.427	13.17	42.0653	105.7365015	105.736386	1.140399	105.800970	
2010	199	1600	199.666666667	07/18/2010 16:00	07/18/2010 15:00	115.25	1.63807	0.391	16.56	0.427	13.16	42.0257	105.7485732	105.748458	1.152499	105.813070	
2010	199	1700	199.708333333	07/18/2010 17:00	07/18/2010 16:00	115.73	1.64490	0.391	16.56	0.427	13.16	42.0100	105.753362	105.753247	1.157299	105.817870	
2010	199	1800	199.750000000	07/18/2010 18:00	07/18/2010 17:00	116.66	1.65812	0.39	16.57	0.426	13.18	41.9795	105.7626402	105.762525	1.166599	105.827170	
2010	199	1900	199.791666667	07/18/2010 19:00	07/18/2010 18:00	117.29	1.66707	0.39	16.58	0.426	13.1	41.9589	105.7689255	105.768810	1.172899	105.833470	
2010	199	2000	199.833333333	07/18/2010 20:00	07/18/2010 19:00	117.61	1.67162	0.39	16.55	0.426	13.06	41.9484	105.772118	105.772003	1.176099	105.836670	
2010	199	2100	199.875000000	07/18/2010 21:00	07/18/2010 20:00	117.82	1.67460	0.389	16.53	0.425	13.03	41.9416	105.7742131	105.774098	1.178199	105.838770	
2010	199	2200	199.916666667	07/18/2010 22:00	07/18/2010 21:00	118.21	1.68015	0.39	16.55	0.426	13.02	41.9288	105.7781039	105.777989	1.182099	105.842670	
2010	199	2300	199.958333333	07/18/2010 23:00	07/18/2010 22:00	118.62	1.68597	0.39	16.55	0.426	13	41.9154	105.7821944	105.782079	1.186199	105.846770	
2010	199	2400	200.000000000	07/19/2010 0:00	07/18/2010 23:00	118.9	1.68995	0.39	16.55	0.426	12.99	41.9062	105.7849878	105.784872	1.188999	105.849570	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	200	100	200.041666667	07/19/2010 1:00	07/19/2010 0:00	119.05	1.69208	0.39	16.55	0.426	12.98	41.9013	105.7864843	105.786369	1.190499	105.851070	
2010	200	200	200.083333333	07/19/2010 2:00	07/19/2010 1:00	119.23	1.69464	0.39	16.55	0.426	12.97	41.8954	105.7882801	105.788165	1.192299	105.852870	
2010	200	300	200.125000000	07/19/2010 3:00	07/19/2010 2:00	119.37	1.69663	0.39	16.55	0.426	12.96	41.8908	105.7896768	105.789561	1.193699	105.854270	
2010	200	400	200.166666667	07/19/2010 4:00	07/19/2010 3:00	119.53	1.69891	0.39	16.54	0.426	12.96	41.8856	105.7912731	105.791158	1.195299	105.855870	
2010	200	500	200.208333333	07/19/2010 5:00	07/19/2010 4:00	119.49	1.69834	0.391	16.55	0.427	12.94	41.8869	105.790874	105.790759	1.194899	105.855470	
2010	200	600	200.250000000	07/19/2010 6:00	07/19/2010 5:00	119.91	1.70431	0.391	16.56	0.427	12.95	41.8731	105.7950642	105.794949	1.199099	105.859670	
2010	200	700	200.291666667	07/19/2010 7:00	07/19/2010 6:00	120.31	1.70999	0.391	16.55	0.427	13.48	41.8601	105.7990548	105.798939	1.203099	105.863670	
2010	200	800	200.333333333	07/19/2010 8:00	07/19/2010 7:00	120.33	1.71028	0.39	16.53	0.426	13.43	41.8594	105.7992543	105.799139	1.203299	105.863870	
2010	200	900	200.375000000	07/19/2010 9:00	07/19/2010 8:00	119.74	1.70189	0.39	16.56	0.426	13.37	41.8787	105.7933681	105.793253	1.197399	105.857970	
2010	200	1000	200.416666667	07/19/2010 10:00	07/19/2010 9:00	118.98	1.69109	0.39	16.56	0.426	13.32	41.9036	105.7857859	105.785671	1.189799	105.850370	
2010	200	1100	200.458333333	07/19/2010 11:00	07/19/2010 10:00	118.47	1.68384	0.391	16.57	0.427	13.28	41.9203	105.7806979	105.780583	1.184699	105.845270	
2010	200	1200	200.500000000	07/19/2010 12:00	07/19/2010 11:00	116.93	1.66195	0.39	16.57	0.426	13.26	41.9707	105.7653339	105.765219	1.169299	105.829870	
2010	200	1300	200.541666667	07/19/2010 13:00	07/19/2010 12:00	115.55	1.64234	0.39	16.54	0.426	13.27	42.0159	105.7515662	105.751451	1.155499	105.816070	
2010	200	1400	200.583333333	07/19/2010 14:00	07/19/2010 13:00	114.21	1.62329	0.39	16.58	0.426	13.24	42.0597	105.7381975	105.738082	1.142099	105.802670	
2010	200	1500	200.625000000	07/19/2010 15:00	07/19/2010 14:00	113.36	1.61121	0.39	16.56	0.426	13.2	42.0875	105.7297174	105.729602	1.133599	105.794170	
2010	200	1600	200.666666667	07/19/2010 16:00	07/19/2010 15:00	112.11	1.59344	0.39	16.55	0.426	13.19	42.1285	105.7172467	105.717131	1.121099	105.781670	
2010	200	1700	200.708333333	07/19/2010 17:00	07/19/2010 16:00	111.66	1.58705	0.39	16.57	0.425	13.2	42.1432	105.7127572	105.712642	1.116599	105.777170	
2010	200	1800	200.750000000	07/19/2010 18:00	07/19/2010 17:00	110.88	1.57596	0.389	16.54	0.425	13.21	42.1687	105.7049754	105.704860	1.108799	105.769370	
2010	200	1900	200.791666667	07/19/2010 19:00	07/19/2010 18:00	110.71	1.57355	0.39	16.58	0.426	13.14	42.1743	105.7032794	105.703164	1.107099	105.767670	
2010	200	2000	200.833333333	07/19/2010 20:00	07/19/2010 19:00	110.8	1.57483	0.39	16.54	0.426	13.07	42.1713	105.7041773	105.704062	1.107999	105.768570	
2010	200	2100	200.875000000	07/19/2010 21:00	07/19/2010 20:00	111.23	1.58094	0.39	16.56	0.426	13.06	42.1573	105.7084673	105.708352	1.112299	105.772870	
2010	200	2200	200.916666667	07/19/2010 22:00	07/19/2010 21:00	112.06	1.59273	0.39	16.54	0.426	13.04	42.1301	105.7167478	105.716632	1.120599	105.781170	
2010	200	2300	200.958333333	07/19/2010 23:00	07/19/2010 22:00	113	1.60609	0.39	16.57	0.426	13.02	42.0993	105.7261258	105.726010	1.129999	105.790570	
2010	200	2400	201.000000000	07/20/2010 0:00	07/19/2010 23:00	113.85	1.61818	0.39	16.53	0.426	13	42.0715	105.734606	105.734491	1.138499	105.799070	
2010	201	100	201.041666667	07/20/2010 1:00	07/20/2010 0:00	114.6	1.62884	0.39	16.55	0.426	12.99	42.0470	105.7420884	105.741973	1.145999	105.806570	
2010	201	200	201.083333333	07/20/2010 2:00	07/20/2010 1:00	114.91	1.63324	0.39	16.55	0.426	12.98	42.0368	105.7451812	105.745066	1.149099	105.809670	
2010	201	300	201.125000000	07/20/2010 3:00	07/20/2010 2:00	114.69	1.63011	0.39	16.55	0.426	12.97	42.0440	105.7429863	105.742871	1.146899	105.807470	
2010	201	400	201.166666667	07/20/2010 4:00	07/20/2010 3:00	113.98	1.62002	0.391	16.54	0.427	12.96	42.0672	105.7359029	105.735788	1.139799	105.800370	
2010	201	500	201.208333333	07/20/2010 5:00	07/20/2010 4:00	112.81	1.60339	0.391	16.54	0.427	12.96	42.1055	105.7242303	105.724115	1.128099	105.788670	
2010	201	600	201.250000000	07/20/2010 6:00	07/20/2010 5:00	111.62	1.58648	0.39	16.53	0.427	12.97	42.1445	105.7123581	105.712243	1.116199	105.776770	
2010	201	700	201.291666667	07/20/2010 7:00	07/20/2010 6:00	110.45	1.56985	0.391	16.54	0.427	13.47	42.1828	105.7006855	105.700570	1.104499	105.765070	
2010	201	800	201.333333333	07/20/2010 8:00	07/20/2010 7:00	108.88	1.54754	0.391	16.52	0.427	13.44	42.2342	105.6850222	105.684907	1.088799	105.749370	
2010	201	900	201.375000000	07/20/2010 9:00	07/20/2010 8:00	107.86	1.53304	0.391	16.56	0.426	13.38	42.2676	105.6748461	105.674731	1.078599	105.739170	
2010	201	1000	201.416666667	07/20/2010 10:00	07/20/2010 9:00	106.62	1.51541	0.391	16.56	0.427	13.32	42.3082	105.6624751	105.662360	1.066199	105.726770	
2010	201	1100	201.458333333	07/20/2010 11:00	07/20/2010 10:00	105.15	1.49452	0.391	16.55	0.427	13.28	42.3563	105.6478095	105.647694	1.051499	105.712070	
2010	201	1200	201.500000000	07/20/2010 12:00	07/20/2010 11:00	103.57	1.47206	0.391	16.56	0.427	13.22	42.4080	105.6320465	105.631931	1.035700	105.696270	
2010	201	1300	201.541666667	07/20/2010 13:00	07/20/2010 12:00	103.17	1.46638	0.391	16.56	0.427	13.2	42.4211	105.6280558	105.627940	1.031700	105.692270	
2010	201	1400	201.583333333	07/20/2010 14:00	07/20/2010 13:00	102.52	1.45714	0.39	16.57	0.426	13.16	42.4424	105.621571	105.621456	1.025200	105.685770	
2010	201	1500	201.625000000	07/20/2010 15:00	07/20/2010 14:00	101.92	1.44861	0.391	16.57	0.427	13.14	42.4620	105.6155851	105.615470	1.019200	105.679770	
2010	201	1600	201.666666667	07/20/2010 16:00	07/20/2010 15:00	101.93	1.44875	0.39	16.56	0.426	13.12	42.4617	105.6156848	105.615569	1.019300	105.679870	
2010	201	1700	201.708333333	07/20/2010 17:00	07/20/2010 16:00	102.49	1.45671	0.391	16.56	0.427	13.13	42.4433	105.6212717	105.621156	1.024900	105.685470	
2010	201	1800	201.750000000	07/20/2010 18:00	07/20/2010 17:00	101.63	1.44449	0.39	16.56	0.426	13.16	42.4715	105.6126919	105.612577	1.016300	105.676870	
2010	201	1900	201.791666667	07/20/2010 19:00	07/20/2010 18:00	101.42	1.44151	0.39	16.56	0.426	13.08	42.4784	105.6105968	105.610481	1.014200	105.674770	
2010	201	2000	201.833333333	07/20/2010 20:00	07/20/2010 19:00	101.42	1.44151	0.391	16.53	0.427	13.04	42.4784	105.6105968	105.610481	1.014200	105.674770	
2010	201	2100	201.875000000	07/20/2010 21:00	07/20/2010 20:00	101.38	1.44094	0.391	16.55	0.427	13.02	42.4797	105.6101977	105.610082	1.013800	105.674370	
2010	201	2200	201.916666667	07/20/2010 22:00	07/20/2010 21:00	101.3	1.43980	0.391	16.49	0.427	13.02	42.4823	105.6093996	105.609284	1.013000	105.673570	
2010	201	2300	201.958333333	07/20/2010 23:00	07/20/2010 22:00	101.15	1.43767	0.391	16.53	0.427	13	42.4872	105.6079031	105.607788	1.011500	105.672070	
2010	201	2400	202.000000000	07/21/2010 0:00	07/20/2010 23:00	100.91	1.43426	0.391	16.53	0.428	12.98	42.4951	105.6055087	105.605393	1.009100	105.669670	
2010	202	100	202.041666667	07/21/2010 1:00	07/21/2010 0:00	100.63	1.43028	0.391	16.53	0.427	12.97	42.5042	105.6027152	105.602600	1.006300	105.666870	
2010	202	200	202.083333333	07/21/2010 2:00	07/21/2010 1:00	100.15	1.42345	0.391	16.55	0.427	12.97	42.5199	105.5979265	105.597811	1.001500	105.662070	
2010	202	300	202.125000000	07/21/2010 3:00	07/21/2010 2:00	99.629	1.41605	0.391	16.54	0.427	12.96	42.5370	105.5927287	105.592613	0.996290	105.656860	
2010	202	400	202.166666667	07/21/2010 4:00	07/21/2010 3:00	98.928	1.40609	0.391	16.54	0.427	12.96	42.5599	105.5857351	105.585620	0.989280	105.649850	
2010	202	500	202.208333333	07/21/2010 5:00	07/21/2010 4:00	97.949	1.39217	0.391	16.55	0.427	12.95	42.5920	105.575968	105.575853	0.979490	105.640060	
2010	202	600	202.250000000	07/21/2010 6:00	07/21/2010 5:00	97.053	1.37944	0.391	16.55	0.427	12.96	42.6213	105.5670289	105.566914	0.970530	105.631100	
2010	202	700	202.291666667	07/21/2010 7:00	07/21/2010 6:00	96.18	1.36703	0.391	16.53	0.427	13.41	42.6499	105.5583194	105.558204	0.961800	105.622370	
2010	202	800	202.333333333	07/21/2010 8:00	07/21/2010 7:00	95.118	1.35193	0.391	16.52	0.427	13.36	42.6846	105.5477242	105.547609	0.951180	105.611750	
2010	202	900	202.375000000	07/21/2010 9:00	07/21/2010 8:00	94.474	1.34278	0.391	16.53	0.428	13.3	42.7057	105.5412993	105.541184	0.944740	105.605310	
2010	202	1000	202.416666667	07/21/2010 10:00	07/21/2010 9:00	93.879	1.33432	0.391	16.55	0.427	13.26	42.7252	105.5353632	105.535248	0.938790	105.599360	
2010	202	1100	202.458333333	07/21/2010 11:00	07/21/2010 10:00	93.416	1.32774	0.392	16.55	0.428	13.21	42.7403	105.530744	105.530629	0.934160	105.594730	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	202	1200	202.500000000	07/21/2010 12:00	07/21/2010 11:00	93.3	1.32609	0.392	16.54	0.428	13.18	42.7441	105.5295867	105.529471	0.933000	105.593570	
2010	202	1300	202.541666667	07/21/2010 13:00	07/21/2010 12:00	93.304	1.32615	0.391	16.55	0.427	13.17	42.7440	105.5296266	105.529511	0.933040	105.593610	
2010	202	1400	202.583333333	07/21/2010 14:00	07/21/2010 13:00	93.458	1.32834	0.392	16.55	0.428	13.15	42.7390	105.531163	105.531048	0.934580	105.595150	
2010	202	1500	202.625000000	07/21/2010 15:00	07/21/2010 14:00	93.505	1.32901	0.391	16.56	0.427	13.13	42.7374	105.5316319	105.531517	0.935050	105.595620	
2010	202	1600	202.666666667	07/21/2010 16:00	07/21/2010 15:00	93.333	1.32656	0.391	16.55	0.427	13.11	42.7431	105.529916	105.529801	0.933330	105.593900	
2010	202	1700	202.708333333	07/21/2010 17:00	07/21/2010 16:00	93.623	1.33068	0.391	16.55	0.427	13.12	42.7336	105.5328092	105.532694	0.936230	105.596800	
2010	202	1800	202.750000000	07/21/2010 18:00	07/21/2010 17:00	93.646	1.33101	0.391	16.55	0.427	13.14	42.7328	105.5330386	105.532923	0.936460	105.597030	
2010	202	1900	202.791666667	07/21/2010 19:00	07/21/2010 18:00	94.103	1.33751	0.391	16.54	0.428	13.06	42.7179	105.537598	105.537483	0.941030	105.601600	
2010	202	2000	202.833333333	07/21/2010 20:00	07/21/2010 19:00	94.199	1.33887	0.392	16.55	0.428	13.03	42.7147	105.5385557	105.538440	0.941990	105.602560	
2010	202	2100	202.875000000	07/21/2010 21:00	07/21/2010 20:00	94.753	1.34675	0.391	16.52	0.428	13.01	42.6966	105.5440827	105.543967	0.947530	105.608100	
2010	202	2200	202.916666667	07/21/2010 22:00	07/21/2010 21:00	95.346	1.35517	0.392	16.52	0.428	12.99	42.6772	105.5499989	105.549884	0.953460	105.614030	
2010	202	2300	202.958333333	07/21/2010 23:00	07/21/2010 22:00	95.805	1.36170	0.392	16.54	0.428	12.98	42.6621	105.5545781	105.554463	0.958050	105.618620	
2010	202	2400	203.000000000	07/22/2010 0:00	07/21/2010 23:00	96.267	1.36826	0.392	16.53	0.428	12.98	42.6470	105.5591873	105.559072	0.962670	105.623240	
2010	203	100	203.041666667	07/22/2010 1:00	07/22/2010 0:00	96.671	1.37401	0.392	16.53	0.428	12.97	42.6338	105.5632179	105.563103	0.966710	105.627280	
2010	203	200	203.083333333	07/22/2010 2:00	07/22/2010 1:00	97.032	1.37914	0.392	16.53	0.428	12.96	42.6220	105.5668194	105.566704	0.970320	105.630890	
2010	203	300	203.125000000	07/22/2010 3:00	07/22/2010 2:00	97.099	1.38009	0.392	16.52	0.428	12.96	42.6198	105.5674879	105.567373	0.970990	105.631560	
2010	203	400	203.166666667	07/22/2010 4:00	07/22/2010 3:00	97.173	1.38114	0.392	16.5	0.428	12.95	42.6174	105.5682261	105.568111	0.971730	105.632300	
2010	203	500	203.208333333	07/22/2010 5:00	07/22/2010 4:00	96.616	1.37323	0.392	16.52	0.428	12.95	42.6356	105.5626692	105.562554	0.966160	105.626730	
2010	203	600	203.250000000	07/22/2010 6:00	07/22/2010 5:00	96.384	1.36993	0.392	16.54	0.428	12.95	42.6432	105.5603546	105.560239	0.963840	105.624410	
2010	203	700	203.291666667	07/22/2010 7:00	07/22/2010 6:00	95.453	1.35670	0.392	16.55	0.428	13.41	42.6737	105.5510664	105.550951	0.954530	105.615100	
2010	203	800	203.333333333	07/22/2010 8:00	07/22/2010 7:00	95.041	1.35084	0.392	16.53	0.428	13.36	42.6872	105.546956	105.546841	0.950410	105.610980	
2010	203	900	203.375000000	07/22/2010 9:00	07/22/2010 8:00	94.762	1.34687	0.392	16.56	0.428	13.3	42.6963	105.5441725	105.544057	0.947620	105.608190	
2010	203	1000	203.416666667	07/22/2010 10:00	07/22/2010 9:00	94.241	1.33947	0.392	16.55	0.428	13.26	42.7133	105.5389747	105.538859	0.942410	105.602980	
2010	203	1100	203.458333333	07/22/2010 11:00	07/22/2010 10:00	94.112	1.33764	0.392	16.55	0.428	13.23	42.7176	105.5376877	105.537572	0.941120	105.601690	
2010	203	1200	203.500000000	07/22/2010 12:00	07/22/2010 11:00	95.122	1.35199	0.392	16.55	0.428	13.2	42.6845	105.5477641	105.547649	0.951220	105.611790	
2010	203	1300	203.541666667	07/22/2010 13:00	07/22/2010 12:00	95.947	1.36372	0.392	16.55	0.428	13.18	42.6575	105.5559948	105.555879	0.959470	105.620040	
2010	203	1400	203.583333333	07/22/2010 14:00	07/22/2010 13:00	97.067	1.37964	0.392	16.54	0.428	13.16	42.6208	105.5671686	105.567053	0.970670	105.631240	
2010	203	1500	203.625000000	07/22/2010 15:00	07/22/2010 14:00	98.045	1.39354	0.392	16.54	0.428	13.16	42.5888	105.5769257	105.576810	0.980450	105.641020	
2010	203	1600	203.666666667	07/22/2010 16:00	07/22/2010 15:00	98.827	1.40465	0.392	16.54	0.428	13.16	42.5632	105.5847274	105.584612	0.988270	105.648840	
2010	203	1700	203.708333333	07/22/2010 17:00	07/22/2010 16:00	100.26	1.42502	0.392	16.56	0.428	13.18	42.5163	105.5990239	105.598909	1.002600	105.663170	
2010	203	1800	203.750000000	07/22/2010 18:00	07/22/2010 17:00	100.97	1.43511	0.392	16.53	0.429	13.22	42.4931	105.6061073	105.605992	1.009700	105.670270	
2010	203	1900	203.791666667	07/22/2010 19:00	07/22/2010 18:00	101.75	1.44620	0.393	16.52	0.429	13.14	42.4676	105.613889	105.613774	1.017500	105.678070	
2010	203	2000	203.833333333	07/22/2010 20:00	07/22/2010 19:00	102.15	1.45188	0.392	16.55	0.428	13.08	42.4545	105.6178797	105.617764	1.021500	105.682070	
2010	203	2100	203.875000000	07/22/2010 21:00	07/22/2010 20:00	102.46	1.45629	0.392	16.52	0.429	13.04	42.4443	105.6209724	105.620857	1.024600	105.685170	
2010	203	2200	203.916666667	07/22/2010 22:00	07/22/2010 21:00	102.85	1.46183	0.392	16.52	0.429	13.03	42.4316	105.6248633	105.624748	1.028500	105.689070	
2010	203	2300	203.958333333	07/22/2010 23:00	07/22/2010 22:00	103.14	1.46595	0.392	16.53	0.428	13.01	42.4221	105.6277565	105.627641	1.031400	105.691970	
2010	203	2400	204.000000000	07/23/2010 0:00	07/22/2010 23:00	103.52	1.47135	0.392	16.55	0.428	13	42.4096	105.6315476	105.631432	1.035200	105.695770	
2010	204	100	204.041666667	07/23/2010 1:00	07/23/2010 0:00	104.14	1.48017	0.391	16.53	0.427	12.99	42.3893	105.6377331	105.637618	1.041400	105.701970	
2010	204	200	204.083333333	07/23/2010 2:00	07/23/2010 1:00	104.75	1.48884	0.389	16.53	0.425	12.98	42.3694	105.6438189	105.643704	1.047499	105.708070	
2010	204	300	204.125000000	07/23/2010 3:00	07/23/2010 2:00	105.34	1.49722	0.387	16.54	0.423	12.96	42.3500	105.6497051	105.649590	1.053399	105.713970	
2010	204	400	204.166666667	07/23/2010 4:00	07/23/2010 3:00	105.76	1.50319	0.386	16.54	0.421	12.96	42.3363	105.6538952	105.653780	1.057599	105.718170	
2010	204	500	204.208333333	07/23/2010 5:00	07/23/2010 4:00	105.73	1.50276	0.385	16.55	0.421	12.95	42.3373	105.6535959	105.653481	1.057299	105.717870	
2010	204	600	204.250000000	07/23/2010 6:00	07/23/2010 5:00	105.99	1.50646	0.385	16.56	0.42	12.95	42.3288	105.6561898	105.656074	1.059899	105.720470	
2010	204	700	204.291666667	07/23/2010 7:00	07/23/2010 6:00	105.92	1.50546	0.384	16.54	0.42	13.49	42.3311	105.6554915	105.655376	1.059199	105.719770	
2010	204	800	204.333333333	07/23/2010 8:00	07/23/2010 7:00	106.18	1.50916	0.386	16.54	0.422	13.44	42.3226	105.6580854	105.657970	1.061799	105.722370	
2010	204	900	204.375000000	07/23/2010 9:00	07/23/2010 8:00	106.12	1.50831	0.388	16.55	0.424	13.4	42.3245	105.6574868	105.657371	1.061199	105.721770	
2010	204	1000	204.416666667	07/23/2010 10:00	07/23/2010 9:00	106.18	1.50916	0.39	16.55	0.426	13.34	42.3226	105.6580854	105.657970	1.061799	105.722370	
2010	204	1100	204.458333333	07/23/2010 11:00	07/23/2010 10:00	106.35	1.51158	0.391	16.55	0.427	13.28	42.3170	105.6597814	105.659666	1.063499	105.724070	
2010	204	1200	204.500000000	07/23/2010 12:00	07/23/2010 11:00	106.58	1.51485	0.391	16.55	0.428	13.26	42.3095	105.662076	105.661961	1.065799	105.726370	
2010	204	1300	204.541666667	07/23/2010 13:00	07/23/2010 12:00	107.05	1.52153	0.392	16.55	0.428	13.27	42.2941	105.666765	105.666650	1.070499	105.731070	
2010	204	1400	204.583333333	07/23/2010 14:00	07/23/2010 13:00	106.7	1.51655	0.392	16.57	0.428	13.25	42.3055	105.6632732	105.663158	1.066999	105.727570	
2010	204	1500	204.625000000	07/23/2010 15:00	07/23/2010 14:00	107.28	1.52479	0.392	16.56	0.428	13.22	42.2865	105.6690597	105.668944	1.072799	105.733370	
2010	204	1600	204.666666667	07/23/2010 16:00	07/23/2010 15:00	107.53	1.52835	0.392	16.55	0.428	13.2	42.2784	105.6715538	105.671438	1.075299	105.735870	
2010	204	1700	204.708333333	07/23/2010 17:00	07/23/2010 16:00	107.74	1.53133	0.392	16.54	0.428	13.2	42.2715	105.6736489	105.673534	1.077399	105.737970	
2010	204	1800	204.750000000	07/23/2010 18:00	07/23/2010 17:00	107.61	1.52949	0.391	16.56	0.427	13.2	42.2757	105.6723519	105.672237	1.076099	105.736670	
2010	204	1900	204.791666667	07/23/2010 19:00	07/23/2010 18:00	106.98	1.52053	0.392	16.54	0.428	13.12	42.2964	105.6660667	105.665951	1.069799	105.730370	
2010	204	2000	204.833333333	07/23/2010 20:00	07/23/2010 19:00	106.44	1.51286	0.392	16.54	0.428	13.07	42.3140	105.6606793	105.660564	1.064399	105.724970	
2010	204	2100	204.875000000	07/23/2010 21:00	07/23/2010 20:00	105.62	1.50120	0.392	16.54	0.428	13.05	42.3409	105.6524985	105.652383	1.056199	105.716770	
2010	204	2200	204.916666667	07/23/2010 22:00	07/23/2010 21:00	104.95	1.49168	0.391	16.55	0.428	13.04	42.3628	105.6458142	105.645699	1.049499	105.710070	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	204	2300	204.958333333	07/23/2010 23:00	07/23/2010 22:00	104.51	1.48542	0.392	16.53	0.428	13.02	42.3772	105.6414245	105.641309	1.045100	105.705670	
2010	204	2400	205.000000000	07/24/2010 0:00	07/23/2010 23:00	104.43	1.48429	0.392	16.54	0.428	13.01	42.3798	105.6406263	105.640511	1.044300	105.704870	
2010	205	100	205.041666667	07/24/2010 1:00	07/24/2010 0:00	104.85	1.49026	0.392	16.54	0.428	12.99	42.3661	105.6448165	105.644701	1.048499	105.709070	
2010	205	200	205.083333333	07/24/2010 2:00	07/24/2010 1:00	105.45	1.49878	0.392	16.53	0.428	12.98	42.3464	105.6508025	105.650687	1.054499	105.715070	
2010	205	300	205.125000000	07/24/2010 3:00	07/24/2010 2:00	106.02	1.50689	0.391	16.53	0.427	12.97	42.3278	105.6564891	105.656374	1.060199	105.720770	
2010	205	400	205.166666667	07/24/2010 4:00	07/24/2010 3:00	106.5	1.51371	0.391	16.53	0.427	12.97	42.3121	105.6612779	105.661163	1.064999	105.725570	
2010	205	500	205.208333333	07/24/2010 5:00	07/24/2010 4:00	106.15	1.50873	0.391	16.54	0.427	12.96	42.3235	105.6577861	105.657671	1.061499	105.722070	
2010	205	600	205.250000000	07/24/2010 6:00	07/24/2010 5:00	105.88	1.50490	0.391	16.55	0.427	12.95	42.3324	105.6550924	105.654977	1.058799	105.719370	
2010	205	700	205.291666667	07/24/2010 7:00	07/24/2010 6:00	105.22	1.49552	0.391	16.55	0.427	13.45	42.3540	105.6485079	105.648393	1.052199	105.712770	
2010	205	800	205.333333333	07/24/2010 8:00	07/24/2010 7:00	104.14	1.48017	0.391	16.55	0.427	13.42	42.3893	105.6377331	105.637618	1.041400	105.701970	
2010	205	900	205.375000000	07/24/2010 9:00	07/24/2010 8:00	102.91	1.46268	0.391	16.55	0.427	13.36	42.4296	105.6254619	105.625347	1.029100	105.689670	
2010	205	1000	205.416666667	07/24/2010 10:00	07/24/2010 9:00	102.06	1.45060	0.391	16.53	0.427	13.29	42.4574	105.6169818	105.616866	1.020600	105.681170	
2010	205	1100	205.458333333	07/24/2010 11:00	07/24/2010 10:00	101.3	1.43980	0.391	16.57	0.427	13.23	42.4823	105.6093996	105.609284	1.013000	105.673570	
2010	205	1200	205.500000000	07/24/2010 12:00	07/24/2010 11:00	100.3	1.42559	0.391	16.55	0.427	13.19	42.5150	105.599423	105.599308	1.003000	105.663570	
2010	205	1300	205.541666667	07/24/2010 13:00	07/24/2010 12:00	99.779	1.41818	0.391	16.58	0.427	13.18	42.5321	105.5942252	105.594110	0.997790	105.658360	
2010	205	1400	205.583333333	07/24/2010 14:00	07/24/2010 13:00	99.394	1.41271	0.391	16.56	0.427	13.14	42.5447	105.5903842	105.590269	0.993940	105.654510	
2010	205	1500	205.625000000	07/24/2010 15:00	07/24/2010 14:00	98.806	1.40435	0.391	16.57	0.427	13.12	42.5639	105.5845179	105.584403	0.988060	105.648630	
2010	205	1600	205.666666667	07/24/2010 16:00	07/24/2010 15:00	98.509	1.40013	0.391	16.56	0.427	13.1	42.5736	105.5815549	105.581440	0.985090	105.645660	
2010	205	1700	205.708333333	07/24/2010 17:00	07/24/2010 16:00	98.369	1.39814	0.391	16.57	0.427	13.1	42.5782	105.5801581	105.580043	0.983690	105.644260	
2010	205	1800	205.750000000	07/24/2010 18:00	07/24/2010 17:00	98.694	1.40276	0.391	16.56	0.427	13.11	42.5676	105.5834005	105.583285	0.986940	105.647510	
2010	205	1900	205.791666667	07/24/2010 19:00	07/24/2010 18:00	99.543	1.41483	0.391	16.56	0.427	13.04	42.5398	105.5918707	105.591755	0.995430	105.656000	
2010	205	2000	205.833333333	07/24/2010 20:00	07/24/2010 19:00	100.66	1.43070	0.392	16.55	0.428	13.02	42.5032	105.6030145	105.602899	1.006600	105.667170	
2010	205	2100	205.875000000	07/24/2010 21:00	07/24/2010 20:00	101.71	1.44563	0.392	16.55	0.428	13.01	42.4689	105.61349	105.613375	1.017100	105.677670	
2010	205	2200	205.916666667	07/24/2010 22:00	07/24/2010 21:00	102.71	1.45984	0.391	16.55	0.427	12.99	42.4361	105.6234666	105.623351	1.027100	105.687670	
2010	205	2300	205.958333333	07/24/2010 23:00	07/24/2010 22:00	103.51	1.47121	0.391	16.55	0.428	12.98	42.4099	105.6314479	105.631333	1.035100	105.695670	
2010	205	2400	206.000000000	07/25/2010 0:00	07/24/2010 23:00	104.12	1.47988	0.391	16.54	0.428	12.97	42.3900	105.6375336	105.637418	1.041200	105.701770	
2010	206	100	206.041666667	07/25/2010 1:00	07/25/2010 0:00	104.59	1.48656	0.391	16.55	0.428	12.96	42.3746	105.6422226	105.642107	1.045900	105.706470	
2010	206	200	206.083333333	07/25/2010 2:00	07/25/2010 1:00	104.71	1.48827	0.391	16.55	0.428	12.95	42.3707	105.6434198	105.643304	1.047099	105.707670	
2010	206	300	206.125000000	07/25/2010 3:00	07/25/2010 2:00	104.62	1.48699	0.392	16.55	0.428	12.95	42.3736	105.6425219	105.642407	1.046200	105.706770	
2010	206	400	206.166666667	07/25/2010 4:00	07/25/2010 3:00	104.46	1.48471	0.391	16.54	0.428	12.94	42.3789	105.6409256	105.640810	1.044600	105.705170	
2010	206	500	206.208333333	07/25/2010 5:00	07/25/2010 4:00	103.81	1.47548	0.392	16.55	0.428	12.94	42.4001	105.6344408	105.634326	1.038100	105.698670	
2010	206	600	206.250000000	07/25/2010 6:00	07/25/2010 5:00	103.15	1.46609	0.392	16.55	0.428	12.94	42.4217	105.6278563	105.627741	1.031500	105.692070	
2010	206	700	206.291666667	07/25/2010 7:00	07/25/2010 6:00	102.58	1.45799	0.392	16.57	0.428	13.41	42.4404	105.6221696	105.622054	1.025800	105.686370	
2010	206	800	206.333333333	07/25/2010 8:00	07/25/2010 7:00	102.01	1.44989	0.392	16.57	0.428	13.38	42.4590	105.616483	105.616368	1.020100	105.680670	
2010	206	900	206.375000000	07/25/2010 9:00	07/25/2010 8:00	101.14	1.43753	0.392	16.56	0.428	13.33	42.4875	105.6078033	105.607688	1.011400	105.671970	
2010	206	1000	206.416666667	07/25/2010 10:00	07/25/2010 9:00	100.56	1.42928	0.392	16.55	0.428	13.27	42.5065	105.6020169	105.601902	1.005600	105.666170	
2010	206	1100	206.458333333	07/25/2010 11:00	07/25/2010 10:00	99.896	1.41984	0.392	16.55	0.428	13.2	42.5282	105.5953924	105.595277	0.998960	105.659530	
2010	206	1200	206.500000000	07/25/2010 12:00	07/25/2010 11:00	98.812	1.40444	0.392	16.56	0.428	13.15	42.5637	105.5845778	105.584462	0.988120	105.648690	
2010	206	1300	206.541666667	07/25/2010 13:00	07/25/2010 12:00	98.254	1.39651	0.392	16.56	0.428	13.13	42.5820	105.5790108	105.578895	0.982540	105.643110	
2010	206	1400	206.583333333	07/25/2010 14:00	07/25/2010 13:00	97.367	1.38390	0.392	16.57	0.428	13.1	42.6110	105.5701616	105.570046	0.973670	105.634240	
2010	206	1500	206.625000000	07/25/2010 15:00	07/25/2010 14:00	96.819	1.37611	0.392	16.57	0.428	13.08	42.6290	105.5646944	105.564579	0.968190	105.628760	
2010	206	1600	206.666666667	07/25/2010 16:00	07/25/2010 15:00	96.138	1.36643	0.392	16.57	0.428	13.07	42.6512	105.5579003	105.557785	0.961380	105.621950	
2010	206	1700	206.708333333	07/25/2010 17:00	07/25/2010 16:00	95.345	1.35516	0.392	16.56	0.428	13.06	42.6772	105.5499889	105.549874	0.953450	105.614020	
2010	206	1800	206.750000000	07/25/2010 18:00	07/25/2010 17:00	94.834	1.34790	0.392	16.56	0.428	13.1	42.6939	105.5448909	105.544776	0.948340	105.608910	
2010	206	1900	206.791666667	07/25/2010 19:00	07/25/2010 18:00	94.275	1.33995	0.392	16.55	0.428	13.03	42.7122	105.5393139	105.539199	0.942750	105.603320	
2010	206	2000	206.833333333	07/25/2010 20:00	07/25/2010 19:00	93.662	1.33124	0.392	16.53	0.428	13.01	42.7323	105.5331983	105.533083	0.936620	105.597190	
2010	206	2100	206.875000000	07/25/2010 21:00	07/25/2010 20:00	92.835	1.31948	0.392	16.56	0.428	12.99	42.7594	105.5249476	105.524832	0.928350	105.588920	
2010	206	2200	206.916666667	07/25/2010 22:00	07/25/2010 21:00	91.998	1.30759	0.393	16.54	0.429	12.98	42.7868	105.5165972	105.516482	0.919980	105.580550	
2010	206	2300	206.958333333	07/25/2010 23:00	07/25/2010 22:00	91.321	1.29797	0.392	16.55	0.429	12.98	42.8089	105.509843	105.509728	0.913210	105.573780	
2010	206	2400	207.000000000	07/26/2010 0:00	07/25/2010 23:00	90.541	1.28688	0.392	16.53	0.428	12.98	42.8344	105.5020613	105.501946	0.905410	105.565980	
2010	207	100	207.041666667	07/26/2010 1:00	07/26/2010 0:00	89.797	1.27631	0.392	16.52	0.429	12.96	42.8588	105.4946387	105.494523	0.897970	105.558540	
2010	207	200	207.083333333	07/26/2010 2:00	07/26/2010 1:00	89.24	1.26839	0.392	16.54	0.428	12.96	42.8770	105.4890817	105.488966	0.892400	105.552970	
2010	207	300	207.125000000	07/26/2010 3:00	07/26/2010 2:00	88.6	1.25929	0.392	16.56	0.428	12.96	42.8980	105.4826967	105.482581	0.886000	105.546570	
2010	207	400	207.166666667	07/26/2010 4:00	07/26/2010 3:00	88.106	1.25227	0.392	16.54	0.429	12.95	42.9141	105.4777683	105.477653	0.881060	105.541630	
2010	207	500	207.208333333	07/26/2010 5:00	07/26/2010 4:00	87.5	1.24366	0.392	16.54	0.428	12.95	42.9340	105.4717224	105.471607	0.875000	105.535570	
2010	207	600	207.250000000	07/26/2010 6:00	07/26/2010 5:00	87.084	1.23774	0.392	16.55	0.428	12.95	42.9476	105.4675722	105.467457	0.870840	105.531410	
2010	207	700	207.291666667	07/26/2010 7:00	07/26/2010 6:00	86.935	1.23563	0.392	16.56	0.428	13.32	42.9525	105.4660857	105.465970	0.869350	105.529920	
2010	207	800	207.333333333	07/26/2010 8:00	07/26/2010 7:00	86.6	1.23087	0.392	16.56	0.429	13.32	42.9634	105.4627435	105.462628	0.866000	105.526570	
2010	207	900	207.375000000	07/26/2010 9:00	07/26/2010 8:00	86.253	1.22593	0.392	16.54	0.428	13.28	42.9748	105.4592816	105.459166	0.862530	105.523100	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	207	1000	207.416666667	07/26/2010 10:00	07/26/2010 9:00	86.098	1.22373	0.392	16.56	0.428	13.22	42.9799	105.4577352	105.457620	0.860980	105.521550	
2010	207	1100	207.458333333	07/26/2010 11:00	07/26/2010 10:00	85.678	1.21776	0.392	16.55	0.429	13.18	42.9936	105.4535451	105.453430	0.856780	105.517350	
2010	207	1200	207.500000000	07/26/2010 12:00	07/26/2010 11:00	85.259	1.21181	0.392	16.54	0.429	13.14	43.0073	105.4493649	105.449250	0.852590	105.513160	
2010	207	1300	207.541666667	07/26/2010 13:00	07/26/2010 12:00	84.769	1.20484	0.393	16.56	0.429	13.14	43.0234	105.4444763	105.444361	0.847690	105.508260	
2010	207	1400	207.583333333	07/26/2010 14:00	07/26/2010 13:00	84.329	1.19859	0.393	16.56	0.429	13.12	43.0378	105.4400866	105.439971	0.843290	105.503860	
2010	207	1500	207.625000000	07/26/2010 15:00	07/26/2010 14:00	84.591	1.20231	0.393	16.55	0.429	13.08	43.0292	105.4427005	105.442585	0.845910	105.506480	
2010	207	1600	207.666666667	07/26/2010 16:00	07/26/2010 15:00	83.95	1.19320	0.393	16.56	0.429	13.07	43.0502	105.4363055	105.436190	0.839500	105.500070	
2010	207	1700	207.708333333	07/26/2010 17:00	07/26/2010 16:00	84.327	1.19856	0.393	16.55	0.429	13.08	43.0378	105.4400667	105.439951	0.843270	105.503840	
2010	207	1800	207.750000000	07/26/2010 18:00	07/26/2010 17:00	84.312	1.19835	0.393	16.54	0.429	13.12	43.0383	105.439917	105.439802	0.843120	105.503690	
2010	207	1900	207.791666667	07/26/2010 19:00	07/26/2010 18:00	84.38	1.19931	0.393	16.54	0.429	13.07	43.0361	105.4405954	105.440480	0.843800	105.504370	
2010	207	2000	207.833333333	07/26/2010 20:00	07/26/2010 19:00	84.336	1.19869	0.393	16.53	0.43	13.02	43.0375	105.4401565	105.440041	0.843360	105.503930	
2010	207	2100	207.875000000	07/26/2010 21:00	07/26/2010 20:00	84.354	1.19894	0.393	16.56	0.43	13.01	43.0370	105.440336	105.440221	0.843540	105.504110	
2010	207	2200	207.916666667	07/26/2010 22:00	07/26/2010 21:00	84.82	1.20557	0.394	16.53	0.43	12.99	43.0217	105.4449851	105.444870	0.848200	105.508770	
2010	207	2300	207.958333333	07/26/2010 23:00	07/26/2010 22:00	85.439	1.21436	0.394	16.55	0.43	12.98	43.0014	105.4511607	105.451045	0.854390	105.514960	
2010	207	2400	208.000000000	07/27/2010 0:00	07/26/2010 23:00	86.427	1.22841	0.394	16.53	0.43	12.97	42.9691	105.4610175	105.460902	0.864270	105.524840	
2010	208	100	208.041666667	07/27/2010 1:00	07/27/2010 0:00	87.285	1.24060	0.394	16.52	0.431	12.96	42.9410	105.4695775	105.469462	0.872850	105.533420	
2010	208	200	208.083333333	07/27/2010 2:00	07/27/2010 1:00	88.426	1.25682	0.394	16.55	0.43	12.96	42.9037	105.4809608	105.480845	0.884260	105.544830	
2010	208	300	208.125000000	07/27/2010 3:00	07/27/2010 2:00	88.772	1.26174	0.394	16.54	0.43	12.96	42.8923	105.4844127	105.484297	0.887720	105.548290	
2010	208	400	208.166666667	07/27/2010 4:00	07/27/2010 3:00	89.096	1.26634	0.394	16.54	0.43	12.95	42.8817	105.4876451	105.487530	0.890960	105.551530	
2010	208	500	208.208333333	07/27/2010 5:00	07/27/2010 4:00	89.224	1.26816	0.394	16.55	0.43	12.96	42.8776	105.4889221	105.488807	0.892240	105.552810	
2010	208	600	208.250000000	07/27/2010 6:00	07/27/2010 5:00	88.991	1.26485	0.394	16.52	0.431	12.95	42.8852	105.4865976	105.486482	0.889910	105.550480	
2010	208	700	208.291666667	07/27/2010 7:00	07/27/2010 6:00	88.603	1.25933	0.394	16.53	0.431	12.96	42.8979	105.4827266	105.482611	0.886030	105.546600	
2010	208	800	208.333333333	07/27/2010 8:00	07/27/2010 7:00	88.031	1.25120	0.394	16.55	0.431	13.19	42.9166	105.47702	105.476905	0.880310	105.540880	
2010	208	900	208.375000000	07/27/2010 9:00	07/27/2010 8:00	87.074	1.23760	0.394	16.54	0.431	13.36	42.9479	105.4674724	105.467357	0.870740	105.531310	
2010	208	1000	208.416666667	07/27/2010 10:00	07/27/2010 9:00	86.184	1.22495	0.394	16.56	0.431	13.32	42.9771	105.4585932	105.458478	0.861840	105.522410	
2010	208	1100	208.458333333	07/27/2010 11:00	07/27/2010 10:00	84.619	1.20271	0.394	16.56	0.431	13.24	43.0283	105.4429798	105.442864	0.846190	105.506760	
2010	208	1200	208.500000000	07/27/2010 12:00	07/27/2010 11:00	84.494	1.20093	0.394	16.55	0.431	13.18	43.0324	105.4417328	105.441617	0.844940	105.505510	
2010	208	1300	208.541666667	07/27/2010 13:00	07/27/2010 12:00	84.025	1.19427	0.395	16.55	0.431	13.18	43.0477	105.4370537	105.436938	0.840250	105.500820	
2010	208	1400	208.583333333	07/27/2010 14:00	07/27/2010 13:00	82.002	1.16551	0.395	16.54	0.431	13.18	43.1139	105.4168711	105.416756	0.820020	105.480590	
2010	208	1500	208.625000000	07/27/2010 15:00	07/27/2010 14:00	81.794	1.16256	0.395	16.54	0.431	13.16	43.1207	105.4147959	105.414681	0.817940	105.478510	
2010	208	1600	208.666666667	07/27/2010 16:00	07/27/2010 15:00	81.115	1.15291	0.395	16.55	0.431	13.15	43.1430	105.4080218	105.407906	0.811150	105.471720	
2010	208	1700	208.708333333	07/27/2010 17:00	07/27/2010 16:00	80.391	1.14262	0.395	16.55	0.431	13.16	43.1667	105.4007988	105.400683	0.803910	105.464480	
2010	208	1800	208.750000000	07/27/2010 18:00	07/27/2010 17:00	80.636	1.14610	0.395	16.53	0.432	13.18	43.1587	105.403243	105.403128	0.806360	105.466930	
2010	208	1900	208.791666667	07/27/2010 19:00	07/27/2010 18:00	81.365	1.15646	0.395	16.54	0.432	13.09	43.1348	105.410516	105.410401	0.813650	105.474220	
2010	208	2000	208.833333333	07/27/2010 20:00	07/27/2010 19:00	82.014	1.16568	0.395	16.54	0.432	13.05	43.1135	105.4169908	105.416875	0.820140	105.480710	
2010	208	2100	208.875000000	07/27/2010 21:00	07/27/2010 20:00	82.843	1.17747	0.395	16.52	0.432	13.03	43.0864	105.4252614	105.425146	0.828430	105.489000	
2010	208	2200	208.916666667	07/27/2010 22:00	07/27/2010 21:00	83.525	1.18716	0.396	16.53	0.432	13.01	43.0641	105.4320654	105.431950	0.835250	105.495820	
2010	208	2300	208.958333333	07/27/2010 23:00	07/27/2010 22:00	83.953	1.19324	0.395	16.53	0.432	13	43.0501	105.4363354	105.436220	0.839530	105.500100	
2010	208	2400	209.000000000	07/28/2010 0:00	07/27/2010 23:00	84.145	1.19597	0.395	16.54	0.432	12.99	43.0438	105.4382509	105.438136	0.841450	105.502020	
2010	209	100	209.041666667	07/28/2010 1:00	07/28/2010 0:00	84.323	1.19850	0.395	16.53	0.432	12.98	43.0380	105.4400268	105.439911	0.843230	105.503800	
2010	209	200	209.083333333	07/28/2010 2:00	07/28/2010 1:00	84.368	1.19914	0.395	16.54	0.432	12.97	43.0365	105.4404757	105.440360	0.843680	105.504250	
2010	209	300	209.125000000	07/28/2010 3:00	07/28/2010 2:00	84.372	1.19920	0.395	16.54	0.432	12.97	43.0364	105.4405156	105.440400	0.843720	105.504290	
2010	209	400	209.166666667	07/28/2010 4:00	07/28/2010 3:00	84.339	1.19873	0.395	16.54	0.432	12.96	43.0374	105.4401864	105.440071	0.843390	105.503960	
2010	209	500	209.208333333	07/28/2010 5:00	07/28/2010 4:00	83.971	1.19350	0.395	16.55	0.432	12.95	43.0495	105.436515	105.436400	0.839710	105.500280	
2010	209	600	209.250000000	07/28/2010 6:00	07/28/2010 5:00	83.684	1.18942	0.396	16.56	0.432	12.95	43.0589	105.4336517	105.433536	0.836840	105.497410	
2010	209	700	209.291666667	07/28/2010 7:00	07/28/2010 6:00	83.403	1.18543	0.396	16.52	0.432	13.4	43.0681	105.4308483	105.430733	0.834030	105.494600	
2010	209	800	209.333333333	07/28/2010 8:00	07/28/2010 7:00	82.713	1.17562	0.396	16.55	0.432	13.36	43.0907	105.4239644	105.423849	0.827130	105.487700	
2010	209	900	209.375000000	07/28/2010 9:00	07/28/2010 8:00	82.453	1.17192	0.396	16.53	0.432	13.31	43.0992	105.4213705	105.421255	0.824530	105.485100	
2010	209	1000	209.416666667	07/28/2010 10:00	07/28/2010 9:00	82.784	1.17663	0.396	16.55	0.433	13.28	43.0883	105.4246728	105.424557	0.827840	105.488410	
2010	209	1100	209.458333333	07/28/2010 11:00	07/28/2010 10:00	83.207	1.18264	0.396	16.56	0.432	13.26	43.0745	105.4288929	105.428778	0.832070	105.492640	
2010	209	1200	209.500000000	07/28/2010 12:00	07/28/2010 11:00	84.109	1.19546	0.396	16.53	0.433	13.26	43.0450	105.4378918	105.437776	0.841090	105.501660	
2010	209	1300	209.541666667	07/28/2010 13:00	07/28/2010 12:00	85.232	1.21142	0.396	16.56	0.432	13.25	43.0082	105.4490955	105.448980	0.852320	105.512890	
2010	209	1400	209.583333333	07/28/2010 14:00	07/28/2010 13:00	86.304	1.22666	0.396	16.55	0.433	13.26	42.9731	105.4597904	105.459675	0.863040	105.523610	
2010	209	1500	209.625000000	07/28/2010 15:00	07/28/2010 14:00	86.967	1.23608	0.396	16.55	0.433	13.22	42.9514	105.4664049	105.466290	0.869670	105.530240	
2010	209	1600	209.666666667	07/28/2010 16:00	07/28/2010 15:00	87.926	1.24971	0.396	16.54	0.433	13.14	42.9200	105.4759725	105.475857	0.879260	105.539830	
2010	209	1700	209.708333333	07/28/2010 17:00	07/28/2010 16:00	88.783	1.26189	0.396	16.55	0.433	13.11	42.8920	105.4845224	105.484407	0.887830	105.548400	
2010	209	1800	209.750000000	07/28/2010 18:00	07/28/2010 17:00	89.638	1.27405	0.396	16.51	0.432	13.07	42.8640	105.4930524	105.492937	0.896380	105.556950	
2010	209	1900	209.791666667	07/28/2010 19:00	07/28/2010 18:00	90.429	1.28529	0.396	16.53	0.433	13.05	42.8381	105.5009439	105.500829	0.904290	105.564860	
2010	209	2000	209.833333333	07/28/2010 20:00	07/28/2010 19:00	91.025	1.29376	0.396	16.55	0.432	13.04	42.8186	105.50689	105.506775	0.910250	105.570820	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	209	2100	209.875000000	07/28/2010 21:00	07/28/2010 20:00	91.673	1.30297	0.396	16.53	0.433	13.02	42.7974	105.5133548	105.513239	0.916730	105.577300	
2010	209	2200	209.916666667	07/28/2010 22:00	07/28/2010 21:00	92.483	1.31448	0.395	16.54	0.432	13.01	42.7709	105.5214359	105.521321	0.924830	105.585400	
2010	209	2300	209.958333333	07/28/2010 23:00	07/28/2010 22:00	92.828	1.31939	0.395	16.53	0.432	13	42.7596	105.5248778	105.524762	0.928280	105.588850	
2010	209	2400	210.000000000	07/29/2010 0:00	07/28/2010 23:00	93.06	1.32268	0.395	16.53	0.432	12.99	42.7520	105.5271924	105.527077	0.930600	105.591170	
2010	210	100	210.041666667	07/29/2010 1:00	07/29/2010 0:00	93.408	1.32763	0.395	16.54	0.432	12.98	42.7406	105.5306642	105.530549	0.934080	105.594650	
2010	210	200	210.083333333	07/29/2010 2:00	07/29/2010 1:00	93.774	1.33283	0.395	16.55	0.431	12.97	42.7286	105.5343157	105.534200	0.937740	105.598310	
2010	210	300	210.125000000	07/29/2010 3:00	07/29/2010 2:00	94.165	1.33839	0.394	16.54	0.431	12.96	42.7158	105.5382165	105.538101	0.941650	105.602220	
2010	210	400	210.166666667	07/29/2010 4:00	07/29/2010 3:00	94.514	1.34335	0.394	16.56	0.43	12.96	42.7044	105.5416983	105.541583	0.945140	105.605710	
2010	210	500	210.208333333	07/29/2010 5:00	07/29/2010 4:00	94.701	1.34601	0.393	16.56	0.429	12.95	42.6983	105.543564	105.543449	0.947010	105.607580	
2010	210	600	210.250000000	07/29/2010 6:00	07/29/2010 5:00	94.333	1.34078	0.392	16.57	0.428	12.95	42.7103	105.5398926	105.539777	0.943330	105.603900	
2010	210	700	210.291666667	07/29/2010 7:00	07/29/2010 6:00	93.993	1.33594	0.391	16.56	0.427	13.44	42.7215	105.5365005	105.536385	0.939930	105.600500	
2010	210	800	210.333333333	07/29/2010 8:00	07/29/2010 7:00	92.952	1.32115	0.391	16.56	0.427	13.41	42.7555	105.5261149	105.526000	0.929520	105.590090	
2010	210	900	210.375000000	07/29/2010 9:00	07/29/2010 8:00	91.943	1.30681	0.393	16.56	0.43	13.35	42.7886	105.5160485	105.515933	0.919430	105.580000	
2010	210	1000	210.416666667	07/29/2010 10:00	07/29/2010 9:00	90.249	1.28273	0.395	16.55	0.431	13.3	42.8440	105.4991481	105.499033	0.902490	105.563060	
2010	210	1100	210.458333333	07/29/2010 11:00	07/29/2010 10:00	89.682	1.27467	0.395	16.56	0.432	13.23	42.8626	105.4934914	105.493376	0.896820	105.557390	
2010	210	1200	210.500000000	07/29/2010 12:00	07/29/2010 11:00	88.423	1.25678	0.396	16.56	0.432	13.19	42.9038	105.4809308	105.480815	0.884230	105.544800	
2010	210	1300	210.541666667	07/29/2010 13:00	07/29/2010 12:00	87.923	1.24967	0.396	16.56	0.433	13.18	42.9201	105.4759425	105.475827	0.879230	105.539800	
2010	210	1400	210.583333333	07/29/2010 14:00	07/29/2010 13:00	87.895	1.24927	0.396	16.55	0.433	13.15	42.9211	105.4756632	105.475548	0.878950	105.539520	
2010	210	1500	210.625000000	07/29/2010 15:00	07/29/2010 14:00	88.032	1.25122	0.396	16.56	0.432	13.11	42.9166	105.47703	105.476915	0.880320	105.540890	
2010	210	1600	210.666666667	07/29/2010 16:00	07/29/2010 15:00	88.525	1.25823	0.396	16.55	0.433	13.09	42.9004	105.4819485	105.481833	0.885250	105.545820	
2010	210	1700	210.708333333	07/29/2010 17:00	07/29/2010 16:00	90.074	1.28024	0.396	16.56	0.433	13.08	42.8497	105.4974022	105.497287	0.900740	105.561310	
2010	210	1800	210.750000000	07/29/2010 18:00	07/29/2010 17:00	90.062	1.28007	0.396	16.56	0.433	13.11	42.8501	105.4972825	105.497167	0.900620	105.561190	
2010	210	1900	210.791666667	07/29/2010 19:00	07/29/2010 18:00	90.242	1.28263	0.396	16.55	0.433	13.05	42.8442	105.4990783	105.498963	0.902420	105.562990	
2010	210	2000	210.833333333	07/29/2010 20:00	07/29/2010 19:00	90.535	1.28679	0.396	16.53	0.433	13.02	42.8346	105.5020014	105.501886	0.905350	105.565920	
2010	210	2100	210.875000000	07/29/2010 21:00	07/29/2010 20:00	90.916	1.29221	0.396	16.54	0.433	13	42.8222	105.5058025	105.505687	0.909160	105.569730	
2010	210	2200	210.916666667	07/29/2010 22:00	07/29/2010 21:00	91.464	1.30000	0.396	16.55	0.433	12.99	42.8042	105.5112697	105.511154	0.914640	105.575210	
2010	210	2300	210.958333333	07/29/2010 23:00	07/29/2010 22:00	91.955	1.30698	0.396	16.53	0.433	12.98	42.7882	105.5161682	105.516053	0.919550	105.580120	
2010	210	2400	211.000000000	07/30/2010 0:00	07/29/2010 23:00	92.448	1.31398	0.397	16.54	0.433	12.98	42.7720	105.5210867	105.520971	0.924480	105.585050	
2010	211	100	211.041666667	07/30/2010 1:00	07/30/2010 0:00	93.087	1.32307	0.397	16.53	0.433	12.97	42.7511	105.5274617	105.527346	0.930870	105.591440	
2010	211	200	211.083333333	07/30/2010 2:00	07/30/2010 1:00	93.364	1.32700	0.397	16.54	0.433	12.96	42.7420	105.5302252	105.530110	0.933640	105.594210	
2010	211	300	211.125000000	07/30/2010 3:00	07/30/2010 2:00	93.569	1.32992	0.397	16.53	0.433	12.96	42.7353	105.5322704	105.532155	0.935690	105.596260	
2010	211	400	211.166666667	07/30/2010 4:00	07/30/2010 3:00	93.77	1.33277	0.396	16.55	0.433	12.96	42.7288	105.5342757	105.534160	0.937700	105.598270	
2010	211	500	211.208333333	07/30/2010 5:00	07/30/2010 4:00	93.54	1.32951	0.396	16.54	0.433	12.96	42.7363	105.5319811	105.531866	0.935400	105.595970	
2010	211	600	211.250000000	07/30/2010 6:00	07/30/2010 5:00	92.566	1.31566	0.397	16.56	0.433	13.08	42.7682	105.5222639	105.522149	0.925660	105.586230	
2010	211	700	211.291666667	07/30/2010 7:00	07/30/2010 6:00	91.941	1.30678	0.396	16.53	0.433	13.41	42.7886	105.5160285	105.515913	0.919410	105.579980	
2010	211	800	211.333333333	07/30/2010 8:00	07/30/2010 7:00	90.58	1.28743	0.396	16.55	0.433	13.35	42.8332	105.5024504	105.502335	0.905800	105.566370	
2010	211	900	211.375000000	07/30/2010 9:00	07/30/2010 8:00	89.447	1.27133	0.396	16.53	0.433	13.3	42.8703	105.4911469	105.491032	0.894470	105.555040	
2010	211	1000	211.416666667	07/30/2010 10:00	07/30/2010 9:00	87.593	1.24498	0.397	16.56	0.433	13.26	42.9309	105.4726503	105.472535	0.875930	105.536500	
2010	211	1100	211.458333333	07/30/2010 11:00	07/30/2010 10:00	86.527	1.22983	0.396	16.57	0.433	13.22	42.9658	105.4620152	105.461900	0.865270	105.525840	
2010	211	1200	211.500000000	07/30/2010 12:00	07/30/2010 11:00	84.943	1.20731	0.396	16.55	0.433	13.18	43.0177	105.4462123	105.446097	0.849430	105.510000	
2010	211	1300	211.541666667	07/30/2010 13:00	07/30/2010 12:00	84.186	1.19655	0.396	16.56	0.433	13.18	43.0425	105.43866	105.438545	0.841860	105.502430	
2010	211	1400	211.583333333	07/30/2010 14:00	07/30/2010 13:00	82.83	1.17728	0.396	16.55	0.433	13.15	43.0868	105.4251317	105.425016	0.828300	105.488870	
2010	211	1500	211.625000000	07/30/2010 15:00	07/30/2010 14:00	82.105	1.16698	0.397	16.58	0.433	13.11	43.1106	105.4178987	105.417783	0.821050	105.481620	
2010	211	1600	211.666666667	07/30/2010 16:00	07/30/2010 15:00	81.699	1.16121	0.397	16.56	0.433	13.09	43.1239	105.4138482	105.413733	0.816990	105.477560	
2010	211	1700	211.708333333	07/30/2010 17:00	07/30/2010 16:00	82.444	1.17180	0.397	16.55	0.433	13.08	43.0995	105.4212807	105.421165	0.824440	105.485010	
2010	211	1800	211.750000000	07/30/2010 18:00	07/30/2010 17:00	81.989	1.16533	0.397	16.56	0.433	13.1	43.1144	105.4167414	105.416626	0.819890	105.480460	
2010	211	1900	211.791666667	07/30/2010 19:00	07/30/2010 18:00	82.671	1.17502	0.397	16.55	0.433	13.04	43.0920	105.4235454	105.423430	0.826710	105.487280	
2010	211	2000	211.833333333	07/30/2010 20:00	07/30/2010 19:00	83.157	1.18193	0.397	16.56	0.433	13.01	43.0761	105.428394	105.428279	0.831570	105.492140	
2010	211	2100	211.875000000	07/30/2010 21:00	07/30/2010 20:00	83.453	1.18614	0.397	16.57	0.433	12.99	43.0664	105.4313471	105.431232	0.834530	105.495100	
2010	211	2200	211.916666667	07/30/2010 22:00	07/30/2010 21:00	83.409	1.18551	0.397	16.53	0.434	12.99	43.0679	105.4309082	105.430793	0.834090	105.494660	
2010	211	2300	211.958333333	07/30/2010 23:00	07/30/2010 22:00	83.652	1.18896	0.397	16.53	0.433	12.98	43.0599	105.4333325	105.433217	0.836520	105.497090	
2010	211	2400	212.000000000	07/31/2010 0:00	07/30/2010 23:00	83.769	1.19063	0.397	16.52	0.434	12.98	43.0561	105.4344997	105.434384	0.837690	105.498260	
2010	212	100	212.041666667	07/31/2010 1:00	07/31/2010 0:00	83.804	1.19113	0.397	16.56	0.433	12.97	43.0550	105.4348489	105.434734	0.838040	105.498610	
2010	212	200	212.083333333	07/31/2010 2:00	07/31/2010 1:00	83.719	1.18992	0.396	16.53	0.433	12.96	43.0577	105.4340009	105.433886	0.837190	105.497760	
2010	212	300	212.125000000	07/31/2010 3:00	07/31/2010 2:00	84.534	1.20150	0.397	16.54	0.433	12.96	43.0311	105.4421318	105.442016	0.845340	105.505910	
2010	212	400	212.166666667	07/31/2010 4:00	07/31/2010 3:00	83.224	1.18288	0.397	16.55	0.434	12.96	43.0739	105.4290625	105.428947	0.832240	105.492810	
2010	212	500	212.208333333	07/31/2010 5:00	07/31/2010 4:00	83.005	1.17977	0.397	16.53	0.434	12.96	43.0811	105.4268776	105.426762	0.830050	105.490620	
2010	212	600	212.250000000	07/31/2010 6:00	07/31/2010 5:00	82.537	1.17312	0.397	16.56	0.434	12.96	43.0964	105.4222086	105.422093	0.825370	105.485940	
2010	212	700	212.291666667	07/31/2010 7:00	07/31/2010 6:00	82.034	1.16597	0.397	16.55	0.434	13.14	43.1129	105.4171903	105.417075	0.820340	105.480910	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	212	800	212.333333333	07/31/2010 8:00	07/31/2010 7:00	81.411	1.15711	0.397	16.52	0.434	13.22	43.1333	105.4109749	105.410860	0.814110	105.474680	
2010	212	900	212.375000000	07/31/2010 9:00	07/31/2010 8:00	80.195	1.13983	0.397	16.55	0.434	13.49	43.1731	105.3988433	105.398728	0.801950	105.462520	
2010	212	1000	212.416666667	07/31/2010 10:00	07/31/2010 9:00	78.982	1.12259	0.397	16.56	0.434	13.44	43.2128	105.3867417	105.386626	0.789820	105.450390	
2010	212	1100	212.458333333	07/31/2010 11:00	07/31/2010 10:00	78.568	1.11670	0.398	16.56	0.434	13.38	43.2263	105.3826114	105.382496	0.785680	105.446250	
2010	212	1200	212.500000000	07/31/2010 12:00	07/31/2010 11:00	77.537	1.10205	0.397	16.53	0.434	13.34	43.2601	105.3723255	105.372210	0.775370	105.435940	
2010	212	1300	212.541666667	07/31/2010 13:00	07/31/2010 12:00	76.683	1.08991	0.397	16.53	0.434	13.31	43.2880	105.3638055	105.363690	0.766830	105.427400	
2010	212	1400	212.583333333	07/31/2010 14:00	07/31/2010 13:00	75.762	1.07682	0.397	16.57	0.434	13.28	43.3182	105.3546171	105.354502	0.757620	105.418190	
2010	212	1500	212.625000000	07/31/2010 15:00	07/31/2010 14:00	75.117	1.06765	0.397	16.56	0.434	13.24	43.3393	105.3481822	105.348067	0.751170	105.411740	
2010	212	1600	212.666666667	07/31/2010 16:00	07/31/2010 15:00	74.785	1.06294	0.397	16.56	0.434	13.2	43.3502	105.3448699	105.344755	0.747850	105.408420	
2010	212	1700	212.708333333	07/31/2010 17:00	07/31/2010 16:00	76.004	1.08026	0.398	16.53	0.434	13.2	43.3103	105.3570314	105.356916	0.760040	105.420610	
2010	212	1800	212.750000000	07/31/2010 18:00	07/31/2010 17:00	76.064	1.08111	0.398	16.52	0.434	13.2	43.3083	105.35763	105.357515	0.760640	105.421210	
2010	212	1900	212.791666667	07/31/2010 19:00	07/31/2010 18:00	76.289	1.08431	0.397	16.52	0.434	13.19	43.3009	105.3598747	105.359759	0.762890	105.423460	
2010	212	2000	212.833333333	07/31/2010 20:00	07/31/2010 19:00	76.751	1.09088	0.398	16.54	0.434	13.13	43.2858	105.3644839	105.364369	0.767510	105.428080	
2010	212	2100	212.875000000	07/31/2010 21:00	07/31/2010 20:00	76.698	1.09013	0.398	16.54	0.434	13.09	43.2875	105.3639552	105.363840	0.766980	105.427550	
2010	212	2200	212.916666667	07/31/2010 22:00	07/31/2010 21:00	76.416	1.08612	0.398	16.53	0.434	13.07	43.2968	105.3611418	105.361026	0.764160	105.424730	
2010	212	2300	212.958333333	07/31/2010 23:00	07/31/2010 22:00	75.997	1.08016	0.398	16.52	0.435	13.06	43.3105	105.3569616	105.356846	0.759970	105.420540	
2010	212	2400	213.000000000	08/01/2010 0:00	07/31/2010 23:00	75.434	1.07216	0.398	16.53	0.434	13.05	43.3289	105.3513447	105.351229	0.754340	105.414910	
2010	213	100	213.041666667	08/01/2010 1:00	08/01/2010 0:00	74.824	1.06349	0.398	16.55	0.434	13.03	43.3489	105.345259	105.345144	0.748240	105.408810	
2010	213	200	213.083333333	08/01/2010 2:00	08/01/2010 1:00	74.182	1.05437	0.397	16.57	0.434	13.02	43.3699	105.338854	105.338739	0.741820	105.402390	
2010	213	300	213.125000000	08/01/2010 3:00	08/01/2010 2:00	73.54	1.04524	0.398	16.55	0.435	13.01	43.3909	105.3324491	105.332334	0.735400	105.395970	
2010	213	400	213.166666667	08/01/2010 4:00	08/01/2010 3:00	72.802	1.03475	0.397	16.53	0.434	13	43.4151	105.3250863	105.324971	0.728020	105.388590	
2010	213	500	213.208333333	08/01/2010 5:00	08/01/2010 4:00	72.159	1.02561	0.398	16.53	0.435	13	43.4361	105.3186714	105.318556	0.721590	105.382160	
2010	213	600	213.250000000	08/01/2010 6:00	08/01/2010 5:00	71.232	1.01244	0.398	16.53	0.435	13	43.4665	105.309423	105.309308	0.712320	105.372890	
2010	213	700	213.291666667	08/01/2010 7:00	08/01/2010 6:00	70.422	1.00092	0.398	16.53	0.435	13.51	43.4930	105.301342	105.301227	0.704220	105.364790	
2010	213	800	213.333333333	08/01/2010 8:00	08/01/2010 7:00	69.384	0.98617	0.398	16.55	0.435	13.47	43.5269	105.2909863	105.290871	0.693840	105.354410	
2010	213	900	213.375000000	08/01/2010 9:00	08/01/2010 8:00	68.517	0.97385	0.398	16.54	0.435	13.41	43.5553	105.2823366	105.282221	0.685170	105.345740	
2010	213	1000	213.416666667	08/01/2010 10:00	08/01/2010 9:00	67.497	0.95935	0.398	16.53	0.435	13.36	43.5887	105.2721604	105.272045	0.674970	105.335540	
2010	213	1100	213.458333333	08/01/2010 11:00	08/01/2010 10:00	66.935	0.95136	0.398	16.52	0.435	13.31	43.6071	105.2665536	105.266438	0.669350	105.329920	
2010	213	1200	213.500000000	08/01/2010 12:00	08/01/2010 11:00	65.814	0.93543	0.398	16.53	0.435	13.26	43.6438	105.2553698	105.255254	0.658140	105.318710	
2010	213	1300	213.541666667	08/01/2010 13:00	08/01/2010 12:00	65.651	0.93311	0.398	16.54	0.434	13.26	43.6491	105.2537436	105.253628	0.656510	105.317080	
2010	213	1400	213.583333333	08/01/2010 14:00	08/01/2010 13:00	64.458	0.91616	0.397	16.54	0.434	13.24	43.6882	105.2418415	105.241726	0.644580	105.305150	
2010	213	1500	213.625000000	08/01/2010 15:00	08/01/2010 14:00	63.689	0.90523	0.397	16.55	0.434	13.21	43.7134	105.2341695	105.234054	0.636890	105.297460	
2010	213	1600	213.666666667	08/01/2010 16:00	08/01/2010 15:00	63.237	0.89880	0.397	16.53	0.434	13.2	43.7281	105.2296601	105.229545	0.632370	105.292940	
2010	213	1700	213.708333333	08/01/2010 17:00	08/01/2010 16:00	62.595	0.88968	0.397	16.54	0.434	13.2	43.7492	105.2232551	105.223140	0.625950	105.286520	
2010	213	1800	213.750000000	08/01/2010 18:00	08/01/2010 17:00	62.182	0.88381	0.397	16.54	0.434	13.22	43.7627	105.2191348	105.219019	0.621820	105.282390	
2010	213	1900	213.791666667	08/01/2010 19:00	08/01/2010 18:00	61.597	0.87549	0.397	16.53	0.434	13.14	43.7818	105.2132985	105.213183	0.615970	105.276540	
2010	213	2000	213.833333333	08/01/2010 20:00	08/01/2010 19:00	60.981	0.86674	0.397	16.55	0.434	13.1	43.8020	105.2071529	105.207038	0.609810	105.270380	
2010	213	2100	213.875000000	08/01/2010 21:00	08/01/2010 20:00	60.373	0.85810	0.397	16.54	0.434	13.07	43.8219	105.2010871	105.200972	0.603730	105.264300	
2010	213	2200	213.916666667	08/01/2010 22:00	08/01/2010 21:00	59.721	0.84883	0.397	16.53	0.434	13.05	43.8432	105.1945824	105.194467	0.597210	105.257780	
2010	213	2300	213.958333333	08/01/2010 23:00	08/01/2010 22:00	59.212	0.84159	0.397	16.53	0.434	13.04	43.8599	105.1895043	105.189389	0.592120	105.252690	
2010	213	2400	214.000000000	08/02/2010 0:00	08/01/2010 23:00	58.534	0.83196	0.397	16.52	0.434	13.03	43.8821	105.1827401	105.182625	0.585340	105.245910	
2010	214	100	214.041666667	08/02/2010 1:00	08/02/2010 0:00	58.233	0.82768	0.397	16.54	0.434	13.02	43.8919	105.1797372	105.179622	0.582330	105.242900	
2010	214	200	214.083333333	08/02/2010 2:00	08/02/2010 1:00	57.771	0.82111	0.397	16.52	0.434	13.01	43.9071	105.175128	105.175013	0.577710	105.238280	
2010	214	300	214.125000000	08/02/2010 3:00	08/02/2010 2:00	57.414	0.81604	0.397	16.5	0.434	13	43.9187	105.1715663	105.171451	0.574140	105.234710	
2010	214	400	214.166666667	08/02/2010 4:00	08/02/2010 3:00	57.11	0.81172	0.397	16.53	0.434	12.99	43.9287	105.1685334	105.168418	0.571100	105.231670	
2010	214	500	214.208333333	08/02/2010 5:00	08/02/2010 4:00	56.638	0.80501	0.397	16.53	0.434	12.99	43.9441	105.1638245	105.163709	0.566380	105.226950	
2010	214	600	214.250000000	08/02/2010 6:00	08/02/2010 5:00	55.924	0.79486	0.397	16.53	0.434	13.03	43.9675	105.1567012	105.156586	0.559240	105.219810	
2010	214	700	214.291666667	08/02/2010 7:00	08/02/2010 6:00	55.437	0.78794	0.397	16.53	0.434	13.49	43.9835	105.1518426	105.151727	0.554370	105.214940	
2010	214	800	214.333333333	08/02/2010 8:00	08/02/2010 7:00	54.796	0.77883	0.397	16.52	0.434	13.44	44.0044	105.1454476	105.145332	0.547960	105.208530	
2010	214	900	214.375000000	08/02/2010 9:00	08/02/2010 8:00	54.049	0.76821	0.398	16.52	0.434	13.38	44.0289	105.1379951	105.137880	0.540490	105.201060	
2010	214	1000	214.416666667	08/02/2010 10:00	08/02/2010 9:00	53.333	0.75803	0.397	16.53	0.434	13.32	44.0523	105.1308518	105.130736	0.533330	105.193900	
2010	214	1100	214.458333333	08/02/2010 11:00	08/02/2010 10:00	52.819	0.75073	0.397	16.52	0.434	13.28	44.0691	105.1257238	105.125608	0.528190	105.188760	
2010	214	1200	214.500000000	08/02/2010 12:00	08/02/2010 11:00	51.699	0.73481	0.398	16.55	0.434	13.24	44.1058	105.11455	105.114435	0.516990	105.177560	
2010	214	1300	214.541666667	08/02/2010 13:00	08/02/2010 12:00	51.148	0.72698	0.398	16.51	0.435	13.23	44.1238	105.1090529	105.108938	0.511480	105.172050	
2010	214	1400	214.583333333	08/02/2010 14:00	08/02/2010 13:00	50.237	0.71403	0.397	16.53	0.434	13.2	44.1537	105.0999642	105.099849	0.502370	105.162940	
2010	214	1500	214.625000000	08/02/2010 15:00	08/02/2010 14:00	50.261	0.71437	0.397	16.53	0.434	13.16	44.1529	105.1002037	105.100088	0.502610	105.163180	
2010	214	1600	214.666666667	08/02/2010 16:00	08/02/2010 15:00	49.664	0.70589	0.398	16.52	0.434	13.16	44.1724	105.0942477	105.094132	0.496640	105.157210	
2010	214	1700	214.708333333	08/02/2010 17:00	08/02/2010 16:00	49.663	0.70587	0.397	16.53	0.434	13.17	44.1724	105.0942377	105.094122	0.496630	105.157200	
2010	214	1800	214.750000000	08/02/2010 18:00	08/02/2010 17:00	49.731	0.70684	0.398	16.54	0.434	13.2	44.1702	105.0949161	105.094801	0.497310	105.157880	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	214	1900	214.791666667	08/02/2010 19:00	08/02/2010 18:00	50.353	0.71568	0.398	16.5	0.435	13.11	44.1499	105.1011215	105.101006	0.503530	105.164100	
2010	214	2000	214.833333333	08/02/2010 20:00	08/02/2010 19:00	51.472	0.73158	0.398	16.51	0.435	13.07	44.1132	105.1122854	105.112170	0.514720	105.175290	
2010	214	2100	214.875000000	08/02/2010 21:00	08/02/2010 20:00	52.835	0.75096	0.398	16.5	0.435	13.05	44.0686	105.1258835	105.125768	0.528350	105.188920	
2010	214	2200	214.916666667	08/02/2010 22:00	08/02/2010 21:00	54.157	0.76975	0.398	16.52	0.435	13.04	44.0254	105.1390725	105.138957	0.541570	105.202140	
2010	214	2300	214.958333333	08/02/2010 23:00	08/02/2010 22:00	55.475	0.78848	0.399	16.51	0.436	13.02	43.9822	105.1522217	105.152106	0.554750	105.215320	
2010	214	2400	215.000000000	08/03/2010 0:00	08/02/2010 23:00	56.394	0.80154	0.399	16.51	0.436	13.02	43.9521	105.1613902	105.161275	0.563940	105.224510	
2010	215	100	215.041666667	08/03/2010 1:00	08/03/2010 0:00	57.246	0.81365	0.399	16.5	0.436	13.01	43.9242	105.1698903	105.169775	0.572460	105.233030	
2010	215	200	215.083333333	08/03/2010 2:00	08/03/2010 1:00	57.823	0.82185	0.399	16.51	0.437	13	43.9054	105.1756468	105.175531	0.578230	105.238800	
2010	215	300	215.125000000	08/03/2010 3:00	08/03/2010 2:00	58.468	0.83102	0.399	16.5	0.436	12.99	43.8842	105.1820817	105.181966	0.584680	105.245250	
2010	215	400	215.166666667	08/03/2010 4:00	08/03/2010 3:00	59.055	0.83936	0.399	16.52	0.437	12.98	43.8650	105.1879379	105.187823	0.590550	105.251120	
2010	215	500	215.208333333	08/03/2010 5:00	08/03/2010 4:00	59.521	0.84599	0.4	16.53	0.436	12.98	43.8498	105.192587	105.192472	0.595210	105.255780	
2010	215	600	215.250000000	08/03/2010 6:00	08/03/2010 5:00	59.603	0.84715	0.399	16.54	0.436	12.99	43.8471	105.1934051	105.193290	0.596030	105.256600	
2010	215	700	215.291666667	08/03/2010 7:00	08/03/2010 6:00	59.831	0.85039	0.4	16.54	0.437	13.44	43.8396	105.1956798	105.195564	0.598310	105.258880	
2010	215	800	215.333333333	08/03/2010 8:00	08/03/2010 7:00	59.766	0.84947	0.4	16.53	0.437	13.4	43.8418	105.1950313	105.194916	0.597660	105.258230	
2010	215	900	215.375000000	08/03/2010 9:00	08/03/2010 8:00	59.663	0.84800	0.4	16.54	0.437	13.35	43.8451	105.1940037	105.193888	0.596630	105.257200	
2010	215	1000	215.416666667	08/03/2010 10:00	08/03/2010 9:00	59.397	0.84422	0.4	16.52	0.437	13.3	43.8538	105.1913499	105.191235	0.593970	105.254540	
2010	215	1100	215.458333333	08/03/2010 11:00	08/03/2010 10:00	59.04	0.83915	0.4	16.53	0.437	13.26	43.8655	105.1877883	105.187673	0.590400	105.250970	
2010	215	1200	215.500000000	08/03/2010 12:00	08/03/2010 11:00	58.975	0.83823	0.4	16.54	0.437	13.22	43.8677	105.1871398	105.187024	0.589750	105.250320	
2010	215	1300	215.541666667	08/03/2010 13:00	08/03/2010 12:00	58.672	0.83392	0.4	16.52	0.437	13.22	43.8776	105.1841169	105.184002	0.586720	105.247290	
2010	215	1400	215.583333333	08/03/2010 14:00	08/03/2010 13:00	58.746	0.83497	0.4	16.54	0.437	13.19	43.8751	105.1848552	105.184740	0.587460	105.248030	
2010	215	1500	215.625000000	08/03/2010 15:00	08/03/2010 14:00	59.649	0.84780	0.4	16.53	0.437	13.16	43.8456	105.193864	105.193749	0.596490	105.257060	
2010	215	1600	215.666666667	08/03/2010 16:00	08/03/2010 15:00	60.501	0.85991	0.4	16.54	0.437	13.14	43.8177	105.2023641	105.202249	0.605010	105.265580	
2010	215	1700	215.708333333	08/03/2010 17:00	08/03/2010 16:00	61.631	0.87598	0.4	16.54	0.437	13.15	43.7807	105.2136377	105.213522	0.616310	105.276880	
2010	215	1800	215.750000000	08/03/2010 18:00	08/03/2010 17:00	62.992	0.89532	0.4	16.52	0.437	13.18	43.7362	105.2272158	105.227100	0.629920	105.290490	
2010	215	1900	215.791666667	08/03/2010 19:00	08/03/2010 18:00	64.456	0.91613	0.4	16.53	0.437	13.11	43.6882	105.2418216	105.241706	0.644560	105.305130	
2010	215	2000	215.833333333	08/03/2010 20:00	08/03/2010 19:00	65.768	0.93478	0.4	16.51	0.437	13.07	43.6453	105.2549109	105.254796	0.657680	105.318250	
2010	215	2100	215.875000000	08/03/2010 21:00	08/03/2010 20:00	67.081	0.95344	0.4	16.55	0.437	13.04	43.6023	105.2680102	105.267895	0.670810	105.331380	
2010	215	2200	215.916666667	08/03/2010 22:00	08/03/2010 21:00	68.128	0.96832	0.399	16.52	0.436	13.03	43.5681	105.2784557	105.278340	0.681280	105.341850	
2010	215	2300	215.958333333	08/03/2010 23:00	08/03/2010 22:00	68.961	0.98016	0.399	16.52	0.436	13.02	43.5408	105.2867662	105.286651	0.689610	105.350180	
2010	215	2400	216.000000000	08/04/2010 0:00	08/03/2010 23:00	69.323	0.98530	0.399	16.53	0.436	13	43.5289	105.2903777	105.290262	0.693230	105.353800	
2010	216	100	216.041666667	08/04/2010 1:00	08/04/2010 0:00	69.708	0.99078	0.399	16.53	0.435	13	43.5163	105.2942187	105.294103	0.697080	105.357650	
2010	216	200	216.083333333	08/04/2010 2:00	08/04/2010 1:00	69.722	0.99097	0.399	16.52	0.435	12.99	43.5159	105.2943584	105.294243	0.697220	105.357790	
2010	216	300	216.125000000	08/04/2010 3:00	08/04/2010 2:00	69.838	0.99262	0.398	16.52	0.435	12.99	43.5121	105.2955157	105.295400	0.698380	105.358950	
2010	216	400	216.166666667	08/04/2010 4:00	08/04/2010 3:00	70.055	0.99571	0.399	16.54	0.435	12.98	43.5050	105.2976806	105.297565	0.700550	105.361120	
2010	216	500	216.208333333	08/04/2010 5:00	08/04/2010 4:00	70.135	0.99684	0.399	16.53	0.436	12.97	43.5024	105.2984787	105.298363	0.701350	105.361920	
2010	216	600	216.250000000	08/04/2010 6:00	08/04/2010 5:00	70.023	0.99525	0.399	16.53	0.436	13.02	43.5060	105.2973613	105.297246	0.700230	105.360800	
2010	216	700	216.291666667	08/04/2010 7:00	08/04/2010 6:00	69.926	0.99387	0.399	16.52	0.436	13.43	43.5092	105.2963936	105.296278	0.699260	105.359830	
2010	216	800	216.333333333	08/04/2010 8:00	08/04/2010 7:00	70.013	0.99511	0.399	16.53	0.436	13.38	43.5064	105.2972616	105.297146	0.700130	105.360700	
2010	216	900	216.375000000	08/04/2010 9:00	08/04/2010 8:00	69.623	0.98957	0.399	16.51	0.436	13.35	43.5191	105.2933707	105.293255	0.696230	105.356800	
2010	216	1000	216.416666667	08/04/2010 10:00	08/04/2010 9:00	69.512	0.98799	0.399	16.51	0.436	13.3	43.5228	105.2922633	105.292148	0.695120	105.355690	
2010	216	1100	216.458333333	08/04/2010 11:00	08/04/2010 10:00	69.023	0.98104	0.399	16.51	0.436	13.26	43.5388	105.2873847	105.287269	0.690230	105.350800	
2010	216	1200	216.500000000	08/04/2010 12:00	08/04/2010 11:00	68.905	0.97936	0.399	16.54	0.436	13.22	43.5426	105.2862075	105.286092	0.689050	105.349620	
2010	216	1300	216.541666667	08/04/2010 13:00	08/04/2010 12:00	68.657	0.97584	0.399	16.55	0.436	13.2	43.5507	105.2837333	105.283618	0.686570	105.347140	
2010	216	1400	216.583333333	08/04/2010 14:00	08/04/2010 13:00	68.551	0.97433	0.4	16.52	0.437	13.18	43.5542	105.2826758	105.282560	0.685510	105.346080	
2010	216	1500	216.625000000	08/04/2010 15:00	08/04/2010 14:00	68.963	0.98019	0.4	16.54	0.437	13.15	43.5407	105.2867861	105.286671	0.689630	105.350200	
2010	216	1600	216.666666667	08/04/2010 16:00	08/04/2010 15:00	69.877	0.99318	0.4	16.54	0.437	13.13	43.5108	105.2959048	105.295789	0.698770	105.359340	
2010	216	1700	216.708333333	08/04/2010 17:00	08/04/2010 16:00	70.377	1.00028	0.4	16.53	0.437	13.13	43.4944	105.3008931	105.300778	0.703770	105.364340	
2010	216	1800	216.750000000	08/04/2010 18:00	08/04/2010 17:00	71.214	1.01218	0.4	16.54	0.437	13.14	43.4670	105.3092435	105.309128	0.712140	105.372710	
2010	216	1900	216.791666667	08/04/2010 19:00	08/04/2010 18:00	72.263	1.02709	0.4	16.52	0.437	13.06	43.4327	105.3197089	105.319594	0.722630	105.383200	
2010	216	2000	216.833333333	08/04/2010 20:00	08/04/2010 19:00	72.999	1.03755	0.4	16.52	0.437	13.04	43.4086	105.3270517	105.326936	0.729990	105.390560	
2010	216	2100	216.875000000	08/04/2010 21:00	08/04/2010 20:00	73.993	1.05168	0.399	16.54	0.436	13.02	43.3761	105.3369685	105.336853	0.739930	105.400500	
2010	216	2200	216.916666667	08/04/2010 22:00	08/04/2010 21:00	74.794	1.06306	0.399	16.54	0.436	13.01	43.3499	105.3449597	105.344844	0.747940	105.408510	
2010	216	2300	216.958333333	08/04/2010 23:00	08/04/2010 22:00	75.978	1.07989	0.4	16.54	0.437	13.01	43.3111	105.356772	105.356657	0.759780	105.420350	
2010	216	2400	217.000000000	08/05/2010 0:00	08/04/2010 23:00	76.752	1.09089	0.399	16.52	0.436	13	43.2858	105.3644939	105.364379	0.767520	105.428090	
2010	217	100	217.041666667	08/05/2010 1:00	08/05/2010 0:00	77.781	1.10552	0.399	16.52	0.436	12.99	43.2521	105.3747598	105.374644	0.777810	105.438380	
2010	217	200	217.083333333	08/05/2010 2:00	08/05/2010 1:00	78.462	1.11520	0.398	16.53	0.435	12.98	43.2298	105.3815539	105.381439	0.784620	105.445190	
2010	217	300	217.125000000	08/05/2010 3:00	08/05/2010 2:00	79.083	1.12402	0.398	16.53	0.435	12.98	43.2095	105.3877494	105.387634	0.790830	105.451400	
2010	217	400	217.166666667	08/05/2010 4:00	08/05/2010 3:00	79.343	1.12772	0.398	16.53	0.435	12.97	43.2010	105.3903433	105.390228	0.793430	105.454000	
2010	217	500	217.208333333	08/05/2010 5:00	08/05/2010 4:00	79.371	1.12812	0.398	16.53	0.435	12.96	43.2001	105.3906226	105.390507	0.793710	105.454280	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	217	600	217.250000000	08/05/2010 6:00	08/05/2010 5:00	78.786	1.11980	0.398	16.52	0.434	12.98	43.2192	105.3847863	105.384671	0.787860	105.448430	
2010	217	700	217.291666667	08/05/2010 7:00	08/05/2010 6:00	78.289	1.11274	0.398	16.51	0.435	13.42	43.2355	105.3798279	105.379713	0.782890	105.443460	
2010	217	800	217.333333333	08/05/2010 8:00	08/05/2010 7:00	77.252	1.09800	0.399	16.53	0.435	13.36	43.2694	105.3694822	105.369367	0.772520	105.433090	
2010	217	900	217.375000000	08/05/2010 9:00	08/05/2010 8:00	76.47	1.08689	0.398	16.53	0.435	13.31	43.2950	105.3616805	105.361565	0.764700	105.425270	
2010	217	1000	217.416666667	08/05/2010 10:00	08/05/2010 9:00	75.681	1.07567	0.398	16.54	0.435	13.26	43.3208	105.353809	105.353694	0.756810	105.417380	
2010	217	1100	217.458333333	08/05/2010 11:00	08/05/2010 10:00	74.883	1.06433	0.399	16.54	0.436	13.2	43.3470	105.3458476	105.345732	0.748830	105.409400	
2010	217	1200	217.500000000	08/05/2010 12:00	08/05/2010 11:00	73.961	1.05122	0.399	16.54	0.436	13.16	43.3771	105.3366492	105.336534	0.739610	105.400180	
2010	217	1300	217.541666667	08/05/2010 13:00	08/05/2010 12:00	73.548	1.04535	0.399	16.51	0.436	13.14	43.3907	105.3325289	105.332414	0.735480	105.396050	
2010	217	1400	217.583333333	08/05/2010 14:00	08/05/2010 13:00	72.846	1.03538	0.4	16.53	0.437	13.12	43.4136	105.3255253	105.325410	0.728460	105.389030	
2010	217	1500	217.625000000	08/05/2010 15:00	08/05/2010 14:00	73.059	1.03840	0.4	16.52	0.437	13.09	43.4067	105.3276503	105.327535	0.730590	105.391160	
2010	217	1600	217.666666667	08/05/2010 16:00	08/05/2010 15:00	72.899	1.03613	0.4	16.54	0.437	13.08	43.4119	105.326054	105.325939	0.728990	105.389560	
2010	217	1700	217.708333333	08/05/2010 17:00	08/05/2010 16:00	73.32	1.04211	0.4	16.53	0.437	13.08	43.3981	105.3302542	105.330139	0.733200	105.393770	
2010	217	1800	217.750000000	08/05/2010 18:00	08/05/2010 17:00	74.057	1.05259	0.4	16.54	0.437	13.1	43.3740	105.337607	105.337492	0.740570	105.401140	
2010	217	1900	217.791666667	08/05/2010 19:00	08/05/2010 18:00	74.105	1.05327	0.4	16.54	0.437	13.03	43.3724	105.3380858	105.337970	0.741050	105.401620	
2010	217	2000	217.833333333	08/05/2010 20:00	08/05/2010 19:00	74.642	1.06090	0.4	16.54	0.437	13.01	43.3548	105.3434433	105.343328	0.746420	105.406990	
2010	217	2100	217.875000000	08/05/2010 21:00	08/05/2010 20:00	74.974	1.06562	0.4	16.54	0.437	12.99	43.3440	105.3467555	105.346640	0.749740	105.410310	
2010	217	2200	217.916666667	08/05/2010 22:00	08/05/2010 21:00	75.832	1.07782	0.4	16.53	0.438	12.99	43.3159	105.3553154	105.355200	0.758320	105.418890	
2010	217	2300	217.958333333	08/05/2010 23:00	08/05/2010 22:00	76.534	1.08780	0.4	16.53	0.437	12.98	43.2929	105.362319	105.362204	0.765340	105.425910	
2010	217	2400	218.000000000	08/06/2010 0:00	08/05/2010 23:00	77.032	1.09487	0.4	16.51	0.437	12.98	43.2766	105.3672874	105.367172	0.770320	105.430890	
2010	218	100	218.041666667	08/06/2010 1:00	08/06/2010 0:00	77.611	1.10310	0.4	16.53	0.437	12.97	43.2577	105.3730638	105.372948	0.776110	105.436680	
2010	218	200	218.083333333	08/06/2010 2:00	08/06/2010 1:00	77.925	1.10757	0.4	16.53	0.437	12.97	43.2474	105.3761965	105.376081	0.779250	105.439820	
2010	218	300	218.125000000	08/06/2010 3:00	08/06/2010 2:00	78.355	1.11368	0.4	16.52	0.437	12.96	43.2333	105.3804864	105.380371	0.783550	105.444120	
2010	218	400	218.166666667	08/06/2010 4:00	08/06/2010 3:00	78.532	1.11619	0.4	16.52	0.437	12.96	43.2275	105.3822523	105.382137	0.785320	105.445890	
2010	218	500	218.208333333	08/06/2010 5:00	08/06/2010 4:00	78.618	1.11742	0.4	16.51	0.437	12.96	43.2247	105.3831102	105.382995	0.786180	105.446750	
2010	218	600	218.250000000	08/06/2010 6:00	08/06/2010 5:00	78.051	1.10936	0.4	16.53	0.437	13.02	43.2433	105.3774535	105.377338	0.780510	105.441080	
2010	218	700	218.291666667	08/06/2010 7:00	08/06/2010 6:00	77.351	1.09941	0.4	16.52	0.438	13.42	43.2662	105.3704699	105.370355	0.773510	105.434080	
2010	218	800	218.333333333	08/06/2010 8:00	08/06/2010 7:00	76.694	1.09007	0.4	16.52	0.438	13.36	43.2877	105.3639153	105.363800	0.766940	105.427510	
2010	218	900	218.375000000	08/06/2010 9:00	08/06/2010 8:00	75.658	1.07534	0.4	16.55	0.437	13.31	43.3216	105.3535795	105.353464	0.756580	105.417150	
2010	218	1000	218.416666667	08/06/2010 10:00	08/06/2010 9:00	75.305	1.07033	0.4	16.54	0.437	13.26	43.3331	105.3500578	105.349942	0.753050	105.413620	
2010	218	1100	218.458333333	08/06/2010 11:00	08/06/2010 10:00	74.756	1.06252	0.4	16.55	0.437	13.21	43.3511	105.3445806	105.344465	0.747560	105.408130	
2010	218	1200	218.500000000	08/06/2010 12:00	08/06/2010 11:00	74.023	1.05211	0.4	16.53	0.437	13.18	43.3751	105.3372677	105.337152	0.740230	105.400800	
2010	218	1300	218.541666667	08/06/2010 13:00	08/06/2010 12:00	73.797	1.04889	0.4	16.53	0.437	13.16	43.3825	105.335013	105.334898	0.737970	105.398540	
2010	218	1400	218.583333333	08/06/2010 14:00	08/06/2010 13:00	73.594	1.04601	0.4	16.55	0.437	13.14	43.3891	105.3329878	105.332872	0.735940	105.396510	
2010	218	1500	218.625000000	08/06/2010 15:00	08/06/2010 14:00	73.971	1.05137	0.4	16.53	0.437	13.12	43.3768	105.336749	105.336634	0.739710	105.400280	
2010	218	1600	218.666666667	08/06/2010 16:00	08/06/2010 15:00	74.228	1.05502	0.4	16.53	0.437	13.11	43.3684	105.339313	105.339198	0.742280	105.402850	
2010	218	1700	218.708333333	08/06/2010 17:00	08/06/2010 16:00	74.789	1.06299	0.4	16.54	0.437	13.12	43.3500	105.3449098	105.344794	0.747890	105.408460	
2010	218	1800	218.750000000	08/06/2010 18:00	08/06/2010 17:00	75.615	1.07473	0.4	16.53	0.437	13.14	43.3230	105.3531505	105.353035	0.756150	105.416720	
2010	218	1900	218.791666667	08/06/2010 19:00	08/06/2010 18:00	76.79	1.09143	0.4	16.52	0.437	13.06	43.2845	105.364873	105.364758	0.767900	105.428470	
2010	218	2000	218.833333333	08/06/2010 20:00	08/06/2010 19:00	77.495	1.10145	0.4	16.51	0.438	13.03	43.2615	105.3719065	105.371791	0.774950	105.435520	
2010	218	2100	218.875000000	08/06/2010 21:00	08/06/2010 20:00	77.914	1.10741	0.4	16.54	0.437	13.01	43.2477	105.3760867	105.375971	0.779140	105.439710	
2010	218	2200	218.916666667	08/06/2010 22:00	08/06/2010 21:00	78.255	1.11226	0.4	16.52	0.437	13	43.2366	105.3794887	105.379373	0.782550	105.443120	
2010	218	2300	218.958333333	08/06/2010 23:00	08/06/2010 22:00	78.661	1.11803	0.4	16.54	0.437	12.99	43.2233	105.3835392	105.383424	0.786610	105.447180	
2010	218	2400	219.000000000	08/07/2010 0:00	08/06/2010 23:00	78.654	1.11793	0.401	16.51	0.438	12.98	43.2235	105.3834694	105.383354	0.786540	105.447110	
2010	219	100	219.041666667	08/07/2010 1:00	08/07/2010 0:00	78.722	1.11889	0.4	16.52	0.438	12.97	43.2213	105.3841478	105.384032	0.787220	105.447790	
2010	219	200	219.083333333	08/07/2010 2:00	08/07/2010 1:00	78.719	1.11885	0.4	16.53	0.438	12.97	43.2214	105.3841179	105.384003	0.787190	105.447760	
2010	219	300	219.125000000	08/07/2010 3:00	08/07/2010 2:00	78.633	1.11763	0.4	16.52	0.438	12.96	43.2242	105.3832599	105.383145	0.786330	105.446900	
2010	219	400	219.166666667	08/07/2010 4:00	08/07/2010 3:00	78.74	1.11915	0.4	16.54	0.438	12.95	43.2207	105.3843274	105.384212	0.787400	105.447970	
2010	219	500	219.208333333	08/07/2010 5:00	08/07/2010 4:00	78.708	1.11869	0.401	16.54	0.438	12.95	43.2218	105.3840081	105.383893	0.787080	105.447650	
2010	219	600	219.250000000	08/07/2010 6:00	08/07/2010 5:00	78.304	1.11295	0.4	16.52	0.438	12.95	43.2350	105.3799776	105.379862	0.783040	105.443610	
2010	219	700	219.291666667	08/07/2010 7:00	08/07/2010 6:00	77.909	1.10734	0.401	16.54	0.438	13.41	43.2479	105.3760368	105.375921	0.779090	105.439660	
2010	219	800	219.333333333	08/07/2010 8:00	08/07/2010 7:00	77.446	1.10076	0.4	16.53	0.437	13.38	43.2631	105.3714177	105.371302	0.774460	105.435030	
2010	219	900	219.375000000	08/07/2010 9:00	08/07/2010 8:00	76.966	1.09394	0.401	16.55	0.438	13.33	43.2788	105.3666289	105.366514	0.769660	105.430230	
2010	219	1000	219.416666667	08/07/2010 10:00	08/07/2010 9:00	76.817	1.09182	0.401	16.51	0.438	13.28	43.2837	105.3651424	105.365027	0.768170	105.428740	
2010	219	1100	219.458333333	08/07/2010 11:00	08/07/2010 10:00	75.941	1.07937	0.4	16.56	0.437	13.24	43.3123	105.3564029	105.356288	0.759410	105.419980	
2010	219	1200	219.500000000	08/07/2010 12:00	08/07/2010 11:00	75.043	1.06660	0.401	16.56	0.438	13.22	43.3417	105.3474439	105.347329	0.750430	105.411000	
2010	219	1300	219.541666667	08/07/2010 13:00	08/07/2010 12:00	74.244	1.05525	0.4	16.54	0.437	13.22	43.3679	105.3394726	105.339357	0.742440	105.403010	
2010	219	1400	219.583333333	08/07/2010 14:00	08/07/2010 13:00	72.525	1.03081	0.4	16.54	0.437	13.2	43.4241	105.3223228	105.322207	0.725250	105.385820	
2010	219	1500	219.625000000	08/07/2010 15:00	08/07/2010 14:00	74.088	1.05303	0.401	16.54	0.438	13.16	43.3730	105.3379162	105.337801	0.740880	105.401450	
2010	219	1600	219.666666667	08/07/2010 16:00	08/07/2010 15:00	73.456	1.04405	0.401	16.53	0.438	13.16	43.3937	105.331611	105.331496	0.734560	105.395130	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	219	1700	219.708333333	08/07/2010 17:00	08/07/2010 16:00	73.478	1.04436	0.401	16.56	0.438	13.18	43.3929	105.3318305	105.331715	0.734780	105.395350	
2010	219	1800	219.750000000	08/07/2010 18:00	08/07/2010 17:00	74.536	1.05940	0.401	16.55	0.438	13.21	43.3583	105.3423857	105.342270	0.745360	105.405930	
2010	219	1900	219.791666667	08/07/2010 19:00	08/07/2010 18:00	75.554	1.07387	0.401	16.54	0.438	13.09	43.3250	105.3525419	105.352427	0.755540	105.416110	
2010	219	2000	219.833333333	08/07/2010 20:00	08/07/2010 19:00	76.651	1.08946	0.401	16.53	0.438	13.06	43.2891	105.3634863	105.363371	0.766510	105.427080	
2010	219	2100	219.875000000	08/07/2010 21:00	08/07/2010 20:00	77.816	1.10602	0.4	16.52	0.437	13.04	43.2510	105.375109	105.374994	0.778160	105.438730	
2010	219	2200	219.916666667	08/07/2010 22:00	08/07/2010 21:00	78.84	1.12057	0.401	16.53	0.438	13.02	43.2174	105.3853251	105.385210	0.788400	105.448970	
2010	219	2300	219.958333333	08/07/2010 23:00	08/07/2010 22:00	79.602	1.13140	0.4	16.53	0.437	13.01	43.1925	105.3929272	105.392812	0.796020	105.456590	
2010	219	2400	220.000000000	08/08/2010 0:00	08/07/2010 23:00	80.18	1.13962	0.4	16.55	0.437	13	43.1736	105.3986937	105.398578	0.801800	105.462370	
2010	220	100	220.041666667	08/08/2010 1:00	08/08/2010 0:00	80.507	1.14426	0.4	16.52	0.437	12.99	43.1629	105.401956	105.401841	0.805070	105.465640	
2010	220	200	220.083333333	08/08/2010 2:00	08/08/2010 1:00	80.735	1.14750	0.4	16.52	0.437	12.99	43.1554	105.4042307	105.404115	0.807350	105.467920	
2010	220	300	220.125000000	08/08/2010 3:00	08/08/2010 2:00	80.683	1.14677	0.4	16.54	0.437	12.98	43.1571	105.4037119	105.403597	0.806830	105.467400	
2010	220	400	220.166666667	08/08/2010 4:00	08/08/2010 3:00	80.526	1.14453	0.4	16.53	0.437	12.97	43.1623	105.4021456	105.402030	0.805260	105.465830	
2010	220	500	220.208333333	08/08/2010 5:00	08/08/2010 4:00	80.074	1.13811	0.4	16.54	0.437	12.97	43.1770	105.3976362	105.397521	0.800740	105.461310	
2010	220	600	220.250000000	08/08/2010 6:00	08/08/2010 5:00	79.102	1.12429	0.401	16.54	0.438	12.96	43.2089	105.3879389	105.387824	0.791020	105.451590	
2010	220	700	220.291666667	08/08/2010 7:00	08/08/2010 6:00	78.149	1.11075	0.401	16.54	0.438	13.34	43.2401	105.3784312	105.378316	0.781490	105.442060	
2010	220	800	220.333333333	08/08/2010 8:00	08/08/2010 7:00	77.231	1.09770	0.401	16.53	0.438	13.4	43.2701	105.3692727	105.369157	0.772310	105.432880	
2010	220	900	220.375000000	08/08/2010 9:00	08/08/2010 8:00	76.556	1.08811	0.401	16.54	0.438	13.36	43.2922	105.3625385	105.362423	0.765560	105.426130	
2010	220	1000	220.416666667	08/08/2010 10:00	08/08/2010 9:00	75.364	1.07117	0.401	16.57	0.437	13.32	43.3312	105.3506464	105.350531	0.753640	105.414210	
2010	220	1100	220.458333333	08/08/2010 11:00	08/08/2010 10:00	75.091	1.06729	0.4	16.56	0.437	13.28	43.3401	105.3479228	105.347807	0.750910	105.411480	
2010	220	1200	220.500000000	08/08/2010 12:00	08/08/2010 11:00	75.584	1.07429	0.4	16.54	0.438	13.26	43.3240	105.3528412	105.352726	0.755840	105.416410	
2010	220	1300	220.541666667	08/08/2010 13:00	08/08/2010 12:00	73.018	1.03782	0.401	16.54	0.438	13.26	43.4080	105.3272413	105.327126	0.730180	105.390750	
2010	220	1400	220.583333333	08/08/2010 14:00	08/08/2010 13:00	73.136	1.03950	0.401	16.56	0.438	13.23	43.4041	105.3284185	105.328303	0.731360	105.391930	
2010	220	1500	220.625000000	08/08/2010 15:00	08/08/2010 14:00	71.744	1.01971	0.401	16.55	0.438	13.21	43.4497	105.3145311	105.314416	0.717440	105.378010	
2010	220	1600	220.666666667	08/08/2010 16:00	08/08/2010 15:00	71.599	1.01765	0.401	16.55	0.438	13.19	43.4544	105.3130845	105.312969	0.715990	105.376560	
2010	220	1700	220.708333333	08/08/2010 17:00	08/08/2010 16:00	71.316	1.01363	0.401	16.56	0.437	13.19	43.4637	105.3102611	105.310146	0.713160	105.373730	
2010	220	1800	220.750000000	08/08/2010 18:00	08/08/2010 17:00	70.923	1.00804	0.401	16.53	0.438	13.2	43.4766	105.3063403	105.306225	0.709230	105.369800	
2010	220	1900	220.791666667	08/08/2010 19:00	08/08/2010 18:00	70.296	0.99913	0.4	16.54	0.437	13.12	43.4971	105.3000849	105.299970	0.702960	105.363530	
2010	220	2000	220.833333333	08/08/2010 20:00	08/08/2010 19:00	69.65	0.98995	0.401	16.52	0.438	13.08	43.5182	105.2936401	105.293525	0.696500	105.357070	
2010	220	2100	220.875000000	08/08/2010 21:00	08/08/2010 20:00	69.013	0.98090	0.401	16.52	0.438	13.06	43.5391	105.287285	105.287170	0.690130	105.350700	
2010	220	2200	220.916666667	08/08/2010 22:00	08/08/2010 21:00	68.712	0.97662	0.4	16.52	0.438	13.04	43.5489	105.284282	105.284167	0.687120	105.347690	
2010	220	2300	220.958333333	08/08/2010 23:00	08/08/2010 22:00	68.079	0.96762	0.401	16.54	0.438	13.03	43.5697	105.2779668	105.277851	0.680790	105.341360	
2010	220	2400	221.000000000	08/09/2010 0:00	08/08/2010 23:00	67.498	0.95936	0.4	16.53	0.437	13.02	43.5887	105.2721704	105.272055	0.674980	105.335550	
2010	221	100	221.041666667	08/09/2010 1:00	08/09/2010 0:00	66.928	0.95126	0.4	16.53	0.437	13.01	43.6073	105.2664837	105.266368	0.669280	105.329850	
2010	221	200	221.083333333	08/09/2010 2:00	08/09/2010 1:00	66.423	0.94409	0.4	16.54	0.437	12.99	43.6239	105.2614456	105.261330	0.664230	105.324800	
2010	221	300	221.125000000	08/09/2010 3:00	08/09/2010 2:00	65.815	0.93544	0.4	16.54	0.437	12.99	43.6438	105.2553798	105.255264	0.658150	105.318720	
2010	221	400	221.166666667	08/09/2010 4:00	08/09/2010 3:00	65.278	0.92781	0.4	16.54	0.437	12.97	43.6613	105.2500223	105.249907	0.652780	105.313350	
2010	221	500	221.208333333	08/09/2010 5:00	08/09/2010 4:00	64.654	0.91894	0.4	16.54	0.436	12.97	43.6818	105.2437969	105.243682	0.646540	105.307110	
2010	221	600	221.250000000	08/09/2010 6:00	08/09/2010 5:00	63.893	0.90813	0.4	16.55	0.437	12.96	43.7067	105.2362048	105.236089	0.638930	105.299500	
2010	221	700	221.291666667	08/09/2010 7:00	08/09/2010 6:00	63.333	0.90017	0.399	16.55	0.436	13.09	43.7250	105.2306179	105.230503	0.633330	105.293900	
2010	221	800	221.333333333	08/09/2010 8:00	08/09/2010 7:00	61.963	0.88069	0.399	16.55	0.436	13.5	43.7698	105.2169499	105.216835	0.619630	105.280200	
2010	221	900	221.375000000	08/09/2010 9:00	08/09/2010 8:00	62.377	0.88658	0.399	16.55	0.436	13.46	43.7563	105.2210802	105.220965	0.623770	105.284340	
2010	221	1000	221.416666667	08/09/2010 10:00	08/09/2010 9:00	61.189	0.86969	0.399	16.55	0.436	13.39	43.7952	105.209228	105.209113	0.611890	105.272460	
2010	221	1100	221.458333333	08/09/2010 11:00	08/09/2010 10:00	60.645	0.86196	0.399	16.52	0.436	13.34	43.8130	105.2038007	105.203685	0.606450	105.267020	
2010	221	1200	221.500000000	08/09/2010 12:00	08/09/2010 11:00	60.004	0.85285	0.399	16.54	0.436	13.3	43.8340	105.1974057	105.197290	0.600040	105.260610	
2010	221	1300	221.541666667	08/09/2010 13:00	08/09/2010 12:00	59.65	0.84782	0.399	16.54	0.436	13.28	43.8456	105.193874	105.193759	0.596500	105.257070	
2010	221	1400	221.583333333	08/09/2010 14:00	08/09/2010 13:00	59.327	0.84323	0.399	16.54	0.436	13.24	43.8561	105.1906516	105.190536	0.593270	105.253840	
2010	221	1500	221.625000000	08/09/2010 15:00	08/09/2010 14:00	59.956	0.85217	0.399	16.54	0.436	13.21	43.8355	105.1969269	105.196812	0.599560	105.260130	
2010	221	1600	221.666666667	08/09/2010 16:00	08/09/2010 15:00	59.897	0.85133	0.399	16.55	0.436	13.19	43.8375	105.1963382	105.196223	0.598970	105.259540	
2010	221	1700	221.708333333	08/09/2010 17:00	08/09/2010 16:00	60.594	0.86124	0.399	16.56	0.436	13.21	43.8147	105.2032919	105.203177	0.605940	105.266510	
2010	221	1800	221.750000000	08/09/2010 18:00	08/09/2010 17:00	62.245	0.88470	0.399	16.53	0.436	13.21	43.7606	105.2197633	105.219648	0.622450	105.283020	
2010	221	1900	221.791666667	08/09/2010 19:00	08/09/2010 18:00	62.911	0.89417	0.399	16.55	0.436	13.11	43.7388	105.2264077	105.226292	0.629110	105.289680	
2010	221	2000	221.833333333	08/09/2010 20:00	08/09/2010 19:00	63.612	0.90413	0.399	16.53	0.436	13.08	43.7159	105.2334013	105.233286	0.636120	105.296690	
2010	221	2100	221.875000000	08/09/2010 21:00	08/09/2010 20:00	64.237	0.91302	0.4	16.53	0.437	13.06	43.6954	105.2396367	105.239521	0.642370	105.302940	
2010	221	2200	221.916666667	08/09/2010 22:00	08/09/2010 21:00	64.782	0.92076	0.4	16.52	0.437	13.04	43.6776	105.245074	105.244959	0.647820	105.308390	
2010	221	2300	221.958333333	08/09/2010 23:00	08/09/2010 22:00	65.253	0.92746	0.4	16.52	0.437	13.03	43.6622	105.2497729	105.249658	0.652530	105.313100	
2010	221	2400	222.000000000	08/10/2010 0:00	08/09/2010 23:00	65.658	0.93321	0.4	16.53	0.437	13.02	43.6489	105.2538135	105.253698	0.656580	105.317150	
2010	222	100	222.041666667	08/10/2010 1:00	08/10/2010 0:00	66.006	0.93816	0.4	16.53	0.437	13.01	43.6375	105.2572853	105.257170	0.660060	105.320630	
2010	222	200	222.083333333	08/10/2010 2:00	08/10/2010 1:00	66.334	0.94282	0.4	16.52	0.437	12.99	43.6268	105.2605576	105.260442	0.663340	105.323910	
2010	222	300	222.125000000	08/10/2010 3:00	08/10/2010 2:00	66.678	0.94771	0.4	16.53	0.437	12.99	43.6155	105.2639896	105.263874	0.666780	105.327350	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	222	400	222.166666667	08/10/2010 4:00	08/10/2010 3:00	66.838	0.94998	0.4	16.52	0.437	12.98	43.6103	105.2655859	105.265471	0.668380	105.328950	
2010	222	500	222.208333333	08/10/2010 5:00	08/10/2010 4:00	66.838	0.94998	0.4	16.54	0.437	12.97	43.6103	105.2655859	105.265471	0.668380	105.328950	
2010	222	600	222.250000000	08/10/2010 6:00	08/10/2010 5:00	66.415	0.94397	0.4	16.54	0.437	12.97	43.6241	105.2613657	105.261250	0.664150	105.324720	
2010	222	700	222.291666667	08/10/2010 7:00	08/10/2010 6:00	65.788	0.93506	0.4	16.53	0.437	13.49	43.6447	105.2551104	105.254995	0.657880	105.318450	
2010	222	800	222.333333333	08/10/2010 8:00	08/10/2010 7:00	65.233	0.92717	0.4	16.53	0.437	13.47	43.6628	105.2495734	105.249458	0.652330	105.312900	
2010	222	900	222.375000000	08/10/2010 9:00	08/10/2010 8:00	64.195	0.91242	0.4	16.53	0.437	13.43	43.6968	105.2392177	105.239102	0.641950	105.302520	
2010	222	1000	222.416666667	08/10/2010 10:00	08/10/2010 9:00	63.169	0.89784	0.4	16.53	0.437	13.38	43.7304	105.2289817	105.228866	0.631690	105.292260	
2010	222	1100	222.458333333	08/10/2010 11:00	08/10/2010 10:00	62.316	0.88571	0.4	16.52	0.437	13.34	43.7583	105.2204716	105.220356	0.623160	105.283730	
2010	222	1200	222.500000000	08/10/2010 12:00	08/10/2010 11:00	61.882	0.87954	0.4	16.52	0.437	13.31	43.7725	105.2161418	105.216026	0.618820	105.279390	
2010	222	1300	222.541666667	08/10/2010 13:00	08/10/2010 12:00	61.314	0.87147	0.4	16.53	0.437	13.3	43.7911	105.2104751	105.210360	0.613140	105.273710	
2010	222	1400	222.583333333	08/10/2010 14:00	08/10/2010 13:00	60.868	0.86513	0.4	16.53	0.437	13.3	43.8057	105.2060255	105.205910	0.608680	105.269250	
2010	222	1500	222.625000000	08/10/2010 15:00	08/10/2010 14:00	60.027	0.85318	0.4	16.52	0.437	13.3	43.8332	105.1976352	105.197520	0.600270	105.260840	
2010	222	1600	222.666666667	08/10/2010 16:00	08/10/2010 15:00	59.429	0.84468	0.4	16.54	0.437	13.29	43.8528	105.1916692	105.191554	0.594290	105.254860	
2010	222	1700	222.708333333	08/10/2010 17:00	08/10/2010 16:00	60.129	0.85463	0.4	16.54	0.437	13.28	43.8299	105.1986528	105.198537	0.601290	105.261860	
2010	222	1800	222.750000000	08/10/2010 18:00	08/10/2010 17:00	60.82	0.86445	0.401	16.52	0.438	13.3	43.8073	105.2055466	105.205431	0.608200	105.268770	
2010	222	1900	222.791666667	08/10/2010 19:00	08/10/2010 18:00	61.884	0.87957	0.4	16.51	0.437	13.2	43.7724	105.2161618	105.216046	0.618840	105.279410	
2010	222	2000	222.833333333	08/10/2010 20:00	08/10/2010 19:00	63.009	0.89556	0.401	16.53	0.438	13.15	43.7356	105.2273854	105.227270	0.630090	105.290660	
2010	222	2100	222.875000000	08/10/2010 21:00	08/10/2010 20:00	63.957	0.90904	0.401	16.53	0.438	13.12	43.7046	105.2368433	105.236728	0.639570	105.300140	
2010	222	2200	222.916666667	08/10/2010 22:00	08/10/2010 21:00	64.912	0.92261	0.401	16.52	0.438	13.1	43.6733	105.2463709	105.246256	0.649120	105.309690	
2010	222	2300	222.958333333	08/10/2010 23:00	08/10/2010 22:00	65.649	0.93308	0.4	16.54	0.437	13.08	43.6492	105.2537237	105.253608	0.656490	105.317060	
2010	222	2400	223.000000000	08/11/2010 0:00	08/10/2010 23:00	66.458	0.94458	0.4	16.52	0.438	13.06	43.6227	105.2617947	105.261679	0.664580	105.325150	
2010	223	100	223.041666667	08/11/2010 1:00	08/11/2010 0:00	67.09	0.95357	0.401	16.51	0.438	13.05	43.6020	105.2681	105.267985	0.670900	105.331470	
2010	223	200	223.083333333	08/11/2010 2:00	08/11/2010 1:00	67.551	0.96012	0.401	16.5	0.438	13.03	43.5869	105.2726992	105.272584	0.675510	105.336080	
2010	223	300	223.125000000	08/11/2010 3:00	08/11/2010 2:00	67.983	0.96626	0.401	16.54	0.438	13.03	43.5728	105.2770091	105.276894	0.679830	105.340400	
2010	223	400	223.166666667	08/11/2010 4:00	08/11/2010 3:00	68.44	0.97275	0.401	16.53	0.438	13.01	43.5578	105.2815684	105.281453	0.684400	105.344970	
2010	223	500	223.208333333	08/11/2010 5:00	08/11/2010 4:00	68.776	0.97753	0.401	16.53	0.438	13.01	43.5468	105.2849205	105.284805	0.687760	105.348330	
2010	223	600	223.250000000	08/11/2010 6:00	08/11/2010 5:00	69.042	0.98131	0.401	16.53	0.438	13.01	43.5381	105.2875743	105.287459	0.690420	105.350990	
2010	223	700	223.291666667	08/11/2010 7:00	08/11/2010 6:00	69.272	0.98458	0.401	16.53	0.438	13.54	43.5306	105.2898689	105.289754	0.692720	105.353290	
2010	223	800	223.333333333	08/11/2010 8:00	08/11/2010 7:00	69.367	0.98593	0.4	16.53	0.438	13.53	43.5275	105.2908167	105.290701	0.693670	105.354240	
2010	223	900	223.375000000	08/11/2010 9:00	08/11/2010 8:00	69.753	0.99142	0.401	16.54	0.438	13.5	43.5149	105.2946677	105.294552	0.697530	105.358100	
2010	223	1000	223.416666667	08/11/2010 10:00	08/11/2010 9:00	69.891	0.99338	0.4	16.52	0.437	13.49	43.5104	105.2960444	105.295929	0.698910	105.359480	
2010	223	1100	223.458333333	08/11/2010 11:00	08/11/2010 10:00	69.257	0.98437	0.401	16.53	0.438	13.43	43.5311	105.2897193	105.289604	0.692570	105.353140	
2010	223	1200	223.500000000	08/11/2010 12:00	08/11/2010 11:00	68.609	0.97516	0.401	16.54	0.438	13.35	43.5523	105.2832544	105.283139	0.686090	105.346660	
2010	223	1300	223.541666667	08/11/2010 13:00	08/11/2010 12:00	69.393	0.98630	0.401	16.53	0.438	13.31	43.5267	105.2910761	105.290961	0.693930	105.354500	
2010	223	1400	223.583333333	08/11/2010 14:00	08/11/2010 13:00	69.43	0.98682	0.401	16.52	0.438	13.29	43.5254	105.2914452	105.291330	0.694300	105.354870	
2010	223	1500	223.625000000	08/11/2010 15:00	08/11/2010 14:00	69.715	0.99088	0.401	16.52	0.438	13.27	43.5161	105.2942885	105.294173	0.697150	105.357720	
2010	223	1600	223.666666667	08/11/2010 16:00	08/11/2010 15:00	70.393	1.00051	0.4	16.56	0.437	13.26	43.4939	105.3010527	105.300937	0.703930	105.364500	
2010	223	1700	223.708333333	08/11/2010 17:00	08/11/2010 16:00	71.327	1.01379	0.401	16.54	0.438	13.26	43.4634	105.3103708	105.310255	0.713270	105.373840	
2010	223	1800	223.750000000	08/11/2010 18:00	08/11/2010 17:00	72.37	1.02861	0.4	16.55	0.437	13.28	43.4292	105.3207764	105.320661	0.723700	105.384270	
2010	223	1900	223.791666667	08/11/2010 19:00	08/11/2010 18:00	73.186	1.04021	0.4	16.5	0.438	13.18	43.4025	105.3289173	105.328802	0.731860	105.392430	
2010	223	2000	223.833333333	08/11/2010 20:00	08/11/2010 19:00	73.576	1.04575	0.4	16.53	0.437	13.14	43.3897	105.3328082	105.332693	0.735760	105.396330	
2010	223	2100	223.875000000	08/11/2010 21:00	08/11/2010 20:00	73.875	1.05000	0.4	16.5	0.437	13.11	43.3800	105.3357912	105.335676	0.738750	105.399320	
2010	223	2200	223.916666667	08/11/2010 22:00	08/11/2010 21:00	74.156	1.05400	0.4	16.52	0.437	13.08	43.3708	105.3385946	105.338479	0.741560	105.402130	
2010	223	2300	223.958333333	08/11/2010 23:00	08/11/2010 22:00	74.106	1.05329	0.4	16.54	0.437	13.07	43.3724	105.3380958	105.337980	0.741060	105.401630	
2010	223	2400	224.000000000	08/12/2010 0:00	08/11/2010 23:00	73.83	1.04936	0.4	16.53	0.437	13.06	43.3814	105.3353423	105.335227	0.738300	105.398870	
2010	224	100	224.041666667	08/12/2010 1:00	08/12/2010 0:00	73.402	1.04328	0.401	16.51	0.438	13.05	43.3954	105.3310723	105.330957	0.734020	105.394590	
2010	224	200	224.083333333	08/12/2010 2:00	08/12/2010 1:00	72.952	1.03688	0.401	16.53	0.438	13.04	43.4102	105.3265828	105.326467	0.729520	105.390090	
2010	224	300	224.125000000	08/12/2010 3:00	08/12/2010 2:00	72.506	1.03054	0.401	16.52	0.438	13.03	43.4248	105.3221332	105.322018	0.725060	105.385630	
2010	224	400	224.166666667	08/12/2010 4:00	08/12/2010 3:00	72.199	1.02618	0.401	16.52	0.438	13.03	43.4348	105.3190704	105.318955	0.721990	105.382560	
2010	224	500	224.208333333	08/12/2010 5:00	08/12/2010 4:00	71.818	1.02077	0.401	16.52	0.438	13.01	43.4473	105.3152693	105.315154	0.718180	105.378750	
2010	224	600	224.250000000	08/12/2010 6:00	08/12/2010 5:00	71.361	1.01427	0.401	16.52	0.438	13.01	43.4622	105.31071	105.310595	0.713610	105.374180	
2010	224	700	224.291666667	08/12/2010 7:00	08/12/2010 6:00	70.718	1.00513	0.401	16.53	0.438	13.45	43.4833	105.3042951	105.304180	0.707180	105.367750	
2010	224	800	224.333333333	08/12/2010 8:00	08/12/2010 7:00	70.117	0.99659	0.4	16.55	0.437	13.44	43.5030	105.2982991	105.298184	0.701170	105.361740	
2010	224	900	224.375000000	08/12/2010 9:00	08/12/2010 8:00	69.27	0.98455	0.401	16.54	0.438	13.38	43.5307	105.289849	105.289734	0.692700	105.353270	
2010	224	1000	224.416666667	08/12/2010 10:00	08/12/2010 9:00	68.739	0.97700	0.401	16.53	0.438	13.32	43.5481	105.2845514	105.284436	0.687390	105.347960	
2010	224	1100	224.458333333	08/12/2010 11:00	08/12/2010 10:00	67.832	0.96411	0.4	16.53	0.438	13.28	43.5777	105.2755026	105.275387	0.678320	105.338890	
2010	224	1200	224.500000000	08/12/2010 12:00	08/12/2010 11:00	66.823	0.94977	0.4	16.53	0.437	13.24	43.6108	105.2654362	105.265321	0.668230	105.328800	
2010	224	1300	224.541666667	08/12/2010 13:00	08/12/2010 12:00	66.642	0.94720	0.4	16.54	0.437	13.22	43.6167	105.2636304	105.263515	0.666420	105.326990	
2010	224	1400	224.583333333	08/12/2010 14:00	08/12/2010 13:00	66.008	0.93819	0.4	16.56	0.437	13.19	43.6374	105.2573053	105.257190	0.660080	105.320650	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	224	1500	224.625000000	08/12/2010 15:00	08/12/2010 14:00	65.34	0.92869	0.4	16.55	0.437	13.16	43.6593	105.2506409	105.250526	0.653400	105.313970	
2010	224	1600	224.666666667	08/12/2010 16:00	08/12/2010 15:00	65.116	0.92551	0.4	16.54	0.437	13.15	43.6666	105.2484061	105.248291	0.651160	105.311730	
2010	224	1700	224.708333333	08/12/2010 17:00	08/12/2010 16:00	64.394	0.91525	0.4	16.54	0.437	13.16	43.6903	105.241203	105.241088	0.643940	105.304510	
2010	224	1800	224.750000000	08/12/2010 18:00	08/12/2010 17:00	64.616	0.91840	0.4	16.54	0.437	13.16	43.6830	105.2434178	105.243302	0.646160	105.306730	
2010	224	1900	224.791666667	08/12/2010 19:00	08/12/2010 18:00	64.777	0.92069	0.4	16.54	0.437	13.08	43.6777	105.2450241	105.244909	0.647770	105.308340	
2010	224	2000	224.833333333	08/12/2010 20:00	08/12/2010 19:00	64.885	0.92223	0.4	16.56	0.437	13.06	43.6742	105.2461015	105.245986	0.648850	105.309420	
2010	224	2100	224.875000000	08/12/2010 21:00	08/12/2010 20:00	65.408	0.92966	0.4	16.52	0.437	13.04	43.6571	105.2513193	105.251204	0.654080	105.314650	
2010	224	2200	224.916666667	08/12/2010 22:00	08/12/2010 21:00	65.781	0.93496	0.4	16.52	0.437	13.03	43.6449	105.2550406	105.254925	0.657810	105.318380	
2010	224	2300	224.958333333	08/12/2010 23:00	08/12/2010 22:00	66.037	0.93860	0.4	16.53	0.437	13.01	43.6365	105.2575946	105.257479	0.660370	105.320940	
2010	224	2400	225.000000000	08/13/2010 0:00	08/12/2010 23:00	66.447	0.94443	0.4	16.52	0.437	13.01	43.6231	105.261685	105.261570	0.664470	105.325040	
2010	225	100	225.041666667	08/13/2010 1:00	08/13/2010 0:00	66.228	0.94131	0.4	16.53	0.437	13.02	43.6302	105.2595001	105.259385	0.662280	105.322850	
2010	225	200	225.083333333	08/13/2010 2:00	08/13/2010 1:00	66.444	0.94438	0.4	16.53	0.437	13	43.6232	105.2616551	105.261540	0.664440	105.325010	
2010	225	300	225.125000000	08/13/2010 3:00	08/13/2010 2:00	67.037	0.95281	0.4	16.51	0.437	13	43.6038	105.2675712	105.267456	0.670370	105.330940	
2010	225	400	225.166666667	08/13/2010 4:00	08/13/2010 3:00	67.443	0.95858	0.4	16.54	0.437	12.99	43.5905	105.2716217	105.271506	0.674430	105.335000	
2010	225	500	225.208333333	08/13/2010 5:00	08/13/2010 4:00	67.783	0.96342	0.4	16.55	0.437	12.98	43.5794	105.2750137	105.274898	0.677830	105.338400	
2010	225	600	225.250000000	08/13/2010 6:00	08/13/2010 5:00	67.585	0.96060	0.401	16.54	0.438	12.97	43.5858	105.2730384	105.272923	0.675850	105.336420	
2010	225	700	225.291666667	08/13/2010 7:00	08/13/2010 6:00	67.053	0.95304	0.4	16.54	0.437	13.43	43.6032	105.2677308	105.267615	0.670530	105.331100	
2010	225	800	225.333333333	08/13/2010 8:00	08/13/2010 7:00	66.364	0.94325	0.4	16.52	0.437	13.42	43.6258	105.2608569	105.260742	0.663640	105.324210	
2010	225	900	225.375000000	08/13/2010 9:00	08/13/2010 8:00	65.73	0.93424	0.4	16.53	0.437	13.38	43.6465	105.2545318	105.254416	0.657300	105.317870	
2010	225	1000	225.416666667	08/13/2010 10:00	08/13/2010 9:00	64.643	0.91879	0.4	16.55	0.437	13.32	43.6821	105.2436872	105.243572	0.646430	105.307000	
2010	225	1100	225.458333333	08/13/2010 11:00	08/13/2010 10:00	63.716	0.90561	0.4	16.54	0.437	13.28	43.7125	105.2344389	105.234324	0.637160	105.297730	
2010	225	1200	225.500000000	08/13/2010 12:00	08/13/2010 11:00	62.996	0.89538	0.4	16.55	0.437	13.26	43.7360	105.2272557	105.227140	0.629960	105.290530	
2010	225	1300	225.541666667	08/13/2010 13:00	08/13/2010 12:00	62.216	0.88429	0.4	16.53	0.437	13.25	43.7616	105.219474	105.219359	0.622160	105.282730	
2010	225	1400	225.583333333	08/13/2010 14:00	08/13/2010 13:00	61.542	0.87471	0.4	16.55	0.437	13.22	43.7836	105.2127498	105.212634	0.615420	105.275990	
2010	225	1500	225.625000000	08/13/2010 15:00	08/13/2010 14:00	61.192	0.86974	0.4	16.53	0.437	13.19	43.7951	105.2092579	105.209143	0.611920	105.272490	
2010	225	1600	225.666666667	08/13/2010 16:00	08/13/2010 15:00	61.139	0.86898	0.4	16.54	0.437	13.18	43.7968	105.2087292	105.208614	0.611390	105.271960	
2010	225	1700	225.708333333	08/13/2010 17:00	08/13/2010 16:00	61.107	0.86853	0.4	16.55	0.436	13.19	43.7979	105.2084099	105.208295	0.611070	105.271640	
2010	225	1800	225.750000000	08/13/2010 18:00	08/13/2010 17:00	61.906	0.87988	0.4	16.53	0.437	13.21	43.7717	105.2163812	105.216266	0.619060	105.279630	
2010	225	1900	225.791666667	08/13/2010 19:00	08/13/2010 18:00	62.972	0.89504	0.4	16.52	0.437	13.11	43.7368	105.2270163	105.226901	0.629720	105.290290	
2010	225	2000	225.833333333	08/13/2010 20:00	08/13/2010 19:00	64.136	0.91158	0.4	16.54	0.437	13.07	43.6987	105.2386291	105.238514	0.641360	105.301930	
2010	225	2100	225.875000000	08/13/2010 21:00	08/13/2010 20:00	65.25	0.92741	0.4	16.55	0.437	13.05	43.6623	105.249743	105.249628	0.652500	105.313070	
2010	225	2200	225.916666667	08/13/2010 22:00	08/13/2010 21:00	66.462	0.94464	0.4	16.54	0.437	13.04	43.6226	105.2618346	105.261719	0.664620	105.325190	
2010	225	2300	225.958333333	08/13/2010 23:00	08/13/2010 22:00	67.437	0.95850	0.4	16.53	0.437	13.02	43.5907	105.2715618	105.271446	0.674370	105.334940	
2010	225	2400	226.000000000	08/14/2010 0:00	08/13/2010 23:00	68.059	0.96734	0.4	16.51	0.437	13.02	43.5703	105.2777673	105.277652	0.680590	105.341160	
2010	226	100	226.041666667	08/14/2010 1:00	08/14/2010 0:00	68.613	0.97521	0.4	16.54	0.437	13.01	43.5522	105.2832943	105.283179	0.686130	105.346700	
2010	226	200	226.083333333	08/14/2010 2:00	08/14/2010 1:00	69.062	0.98159	0.4	16.53	0.437	13	43.5375	105.2877738	105.287658	0.690620	105.351190	
2010	226	300	226.125000000	08/14/2010 3:00	08/14/2010 2:00	69.463	0.98729	0.4	16.52	0.437	12.99	43.5244	105.2917744	105.291659	0.694630	105.355200	
2010	226	400	226.166666667	08/14/2010 4:00	08/14/2010 3:00	69.959	0.99434	0.4	16.52	0.437	12.98	43.5081	105.2967228	105.296607	0.699590	105.360160	
2010	226	500	226.208333333	08/14/2010 5:00	08/14/2010 4:00	70.231	0.99821	0.4	16.53	0.437	12.98	43.4992	105.2994365	105.299321	0.702310	105.362880	
2010	226	600	226.250000000	08/14/2010 6:00	08/14/2010 5:00	70.232	0.99822	0.4	16.53	0.437	12.97	43.4992	105.2994464	105.299331	0.702320	105.362890	
2010	226	700	226.291666667	08/14/2010 7:00	08/14/2010 6:00	70.106	0.99643	0.4	16.55	0.437	13.38	43.5033	105.2981894	105.298074	0.701060	105.361630	
2010	226	800	226.333333333	08/14/2010 8:00	08/14/2010 7:00	69.584	0.98901	0.4	16.54	0.437	13.42	43.5204	105.2929816	105.292866	0.695840	105.356410	
2010	226	900	226.375000000	08/14/2010 9:00	08/14/2010 8:00	68.984	0.98049	0.4	16.52	0.437	13.36	43.5400	105.2869956	105.286880	0.689840	105.350410	
2010	226	1000	226.416666667	08/14/2010 10:00	08/14/2010 9:00	67.819	0.96393	0.4	16.54	0.437	13.3	43.5782	105.2753729	105.275258	0.678190	105.338760	
2010	226	1100	226.458333333	08/14/2010 11:00	08/14/2010 10:00	67.195	0.95506	0.4	16.52	0.437	13.24	43.5986	105.2691475	105.269032	0.671950	105.332520	
2010	226	1200	226.500000000	08/14/2010 12:00	08/14/2010 11:00	66.47	0.94475	0.4	16.56	0.437	13.2	43.6223	105.2619145	105.261799	0.664700	105.325270	
2010	226	1300	226.541666667	08/14/2010 13:00	08/14/2010 12:00	65.11	0.92542	0.4	16.54	0.437	13.19	43.6668	105.2483463	105.248231	0.651100	105.311670	
2010	226	1400	226.583333333	08/14/2010 14:00	08/14/2010 13:00	64.608	0.91829	0.4	16.54	0.436	13.16	43.6833	105.243338	105.243223	0.646080	105.306650	
2010	226	1500	226.625000000	08/14/2010 15:00	08/14/2010 14:00	64.147	0.91174	0.4	16.54	0.437	13.14	43.6984	105.2387388	105.238623	0.641470	105.302040	
2010	226	1600	226.666666667	08/14/2010 16:00	08/14/2010 15:00	63.553	0.90329	0.4	16.54	0.437	13.13	43.7178	105.2328127	105.232697	0.635530	105.296100	
2010	226	1700	226.708333333	08/14/2010 17:00	08/14/2010 16:00	63.52	0.90282	0.4	16.54	0.437	13.14	43.7189	105.2324835	105.232368	0.635200	105.295770	
2010	226	1800	226.750000000	08/14/2010 18:00	08/14/2010 17:00	63.166	0.89779	0.4	16.55	0.437	13.16	43.7305	105.2289518	105.228836	0.631660	105.292230	
2010	226	1900	226.791666667	08/14/2010 19:00	08/14/2010 18:00	63.44	0.90169	0.4	16.52	0.437	13.08	43.7215	105.2316854	105.231570	0.634400	105.294970	
2010	226	2000	226.833333333	08/14/2010 20:00	08/14/2010 19:00	64.449	0.91603	0.4	16.52	0.437	13.05	43.6885	105.2417517	105.241636	0.644490	105.305060	
2010	226	2100	226.875000000	08/14/2010 21:00	08/14/2010 20:00	65.757	0.93462	0.4	16.53	0.437	13.03	43.6457	105.2548011	105.254686	0.657570	105.318140	
2010	226	2200	226.916666667	08/14/2010 22:00	08/14/2010 21:00	66.731	0.94846	0.4	16.54	0.437	13.02	43.6138	105.2645184	105.264403	0.667310	105.327880	
2010	226	2300	226.958333333	08/14/2010 23:00	08/14/2010 22:00	67.76	0.96309	0.4	16.51	0.437	13.01	43.5801	105.2747843	105.274669	0.677600	105.338170	
2010	226	2400	227.000000000	08/15/2010 0:00	08/14/2010 23:00	68.521	0.97390	0.4	16.53	0.437	13	43.5552	105.2823765	105.282261	0.685210	105.345780	
2010	227	100	227.041666667	08/15/2010 1:00	08/15/2010 0:00	68.99	0.98057	0.4	16.51	0.437	12.99	43.5398	105.2870555	105.286940	0.689900	105.350470	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	227	200	227.083333333	08/15/2010 2:00	08/15/2010 1:00	69.253	0.98431	0.4	16.52	0.437	12.98	43.5312	105.2896793	105.289564	0.692530	105.353100	
2010	227	300	227.125000000	08/15/2010 3:00	08/15/2010 2:00	69.351	0.98570	0.4	16.54	0.437	12.98	43.5280	105.2906571	105.290542	0.693510	105.354080	
2010	227	400	227.166666667	08/15/2010 4:00	08/15/2010 3:00	69.257	0.98437	0.4	16.53	0.437	12.98	43.5311	105.2897193	105.289604	0.692570	105.353140	
2010	227	500	227.208333333	08/15/2010 5:00	08/15/2010 4:00	68.942	0.97989	0.4	16.53	0.437	12.97	43.5414	105.2865766	105.286461	0.689420	105.349990	
2010	227	600	227.250000000	08/15/2010 6:00	08/15/2010 5:00	68.114	0.96812	0.4	16.52	0.437	12.97	43.5685	105.278316	105.278201	0.681140	105.341710	
2010	227	700	227.291666667	08/15/2010 7:00	08/15/2010 6:00	67.391	0.95784	0.4	16.56	0.437	13.32	43.5922	105.2711029	105.270988	0.673910	105.334480	
2010	227	800	227.333333333	08/15/2010 8:00	08/15/2010 7:00	66.559	0.94602	0.4	16.54	0.437	13.38	43.6194	105.2628024	105.262687	0.665590	105.326160	
2010	227	900	227.375000000	08/15/2010 9:00	08/15/2010 8:00	65.574	0.93202	0.4	16.53	0.437	13.34	43.6517	105.2529754	105.252860	0.655740	105.316310	
2010	227	1000	227.416666667	08/15/2010 10:00	08/15/2010 9:00	64.746	0.92025	0.399	16.54	0.436	13.29	43.6788	105.2447148	105.244599	0.647460	105.308030	
2010	227	1100	227.458333333	08/15/2010 11:00	08/15/2010 10:00	63.709	0.90551	0.4	16.55	0.437	13.24	43.7127	105.2343691	105.234254	0.637090	105.297660	
2010	227	1200	227.500000000	08/15/2010 12:00	08/15/2010 11:00	63.025	0.89579	0.399	16.53	0.436	13.2	43.7351	105.2275451	105.227430	0.630250	105.290820	
2010	227	1300	227.541666667	08/15/2010 13:00	08/15/2010 12:00	61.777	0.87805	0.4	16.54	0.436	13.18	43.7759	105.2150943	105.214979	0.617770	105.278340	
2010	227	1400	227.583333333	08/15/2010 14:00	08/15/2010 13:00	60.943	0.86620	0.399	16.54	0.436	13.16	43.8032	105.2067738	105.206658	0.609430	105.270000	
2010	227	1500	227.625000000	08/15/2010 15:00	08/15/2010 14:00	60.619	0.86159	0.399	16.54	0.436	13.12	43.8138	105.2035414	105.203426	0.606190	105.266760	
2010	227	1600	227.666666667	08/15/2010 16:00	08/15/2010 15:00	59.697	0.84849	0.399	16.55	0.436	13.11	43.8440	105.1943429	105.194228	0.596970	105.257540	
2010	227	1700	227.708333333	08/15/2010 17:00	08/15/2010 16:00	59.099	0.83999	0.399	16.54	0.436	13.12	43.8636	105.1883769	105.188262	0.590990	105.251560	
2010	227	1800	227.750000000	08/15/2010 18:00	08/15/2010 17:00	58.665	0.83382	0.399	16.54	0.436	13.13	43.8778	105.1840471	105.183932	0.586650	105.247220	
2010	227	1900	227.791666667	08/15/2010 19:00	08/15/2010 18:00	58.456	0.83085	0.399	16.54	0.436	13.05	43.8846	105.181962	105.181847	0.584560	105.245130	
2010	227	2000	227.833333333	08/15/2010 20:00	08/15/2010 19:00	58.099	0.82577	0.399	16.52	0.436	13.03	43.8963	105.1784003	105.178285	0.580990	105.241560	
2010	227	2100	227.875000000	08/15/2010 21:00	08/15/2010 20:00	58.105	0.82586	0.399	16.52	0.436	13.01	43.8961	105.1784602	105.178345	0.581050	105.241620	
2010	227	2200	227.916666667	08/15/2010 22:00	08/15/2010 21:00	58.303	0.82867	0.399	16.53	0.436	13	43.8896	105.1804355	105.180320	0.583030	105.243600	
2010	227	2300	227.958333333	08/15/2010 23:00	08/15/2010 22:00	59.033	0.83905	0.399	16.52	0.436	12.99	43.8658	105.1877185	105.187603	0.590330	105.250900	
2010	227	2400	228.000000000	08/16/2010 0:00	08/15/2010 23:00	59.801	0.84997	0.399	16.52	0.436	12.98	43.8406	105.1953805	105.195265	0.598010	105.258580	
2010	228	100	228.041666667	08/16/2010 1:00	08/16/2010 0:00	60.805	0.86424	0.399	16.51	0.436	12.97	43.8078	105.205397	105.205282	0.608050	105.268620	
2010	228	200	228.083333333	08/16/2010 2:00	08/16/2010 1:00	61.422	0.87300	0.399	16.51	0.436	12.97	43.7876	105.2115526	105.211437	0.614220	105.274790	
2010	228	300	228.125000000	08/16/2010 3:00	08/16/2010 2:00	61.878	0.87949	0.399	16.53	0.436	12.96	43.7726	105.2161019	105.215987	0.618780	105.279350	
2010	228	400	228.166666667	08/16/2010 4:00	08/16/2010 3:00	62.082	0.88239	0.399	16.53	0.436	12.96	43.7660	105.2181371	105.218022	0.620820	105.281390	
2010	228	500	228.208333333	08/16/2010 5:00	08/16/2010 4:00	61.926	0.88017	0.399	16.54	0.436	12.95	43.7711	105.2165808	105.216465	0.619260	105.279830	
2010	228	600	228.250000000	08/16/2010 6:00	08/16/2010 5:00	61.28	0.87099	0.399	16.54	0.436	12.95	43.7922	105.2101359	105.210021	0.612800	105.273370	
2010	228	700	228.291666667	08/16/2010 7:00	08/16/2010 6:00	60.778	0.86385	0.399	16.53	0.436	13.37	43.8086	105.2051276	105.205012	0.607780	105.268350	
2010	228	800	228.333333333	08/16/2010 8:00	08/16/2010 7:00	59.664	0.84802	0.399	16.54	0.436	13.41	43.8451	105.1940137	105.193898	0.596640	105.257210	
2010	228	900	228.375000000	08/16/2010 9:00	08/16/2010 8:00	58.913	0.83734	0.399	16.55	0.435	13.34	43.8697	105.1865213	105.186406	0.589130	105.249700	
2010	228	1000	228.416666667	08/16/2010 10:00	08/16/2010 9:00	57.965	0.82387	0.399	16.53	0.436	13.28	43.9007	105.1770634	105.176948	0.579650	105.240220	
2010	228	1100	228.458333333	08/16/2010 11:00	08/16/2010 10:00	57.455	0.81662	0.399	16.54	0.436	13.22	43.9174	105.1719754	105.171860	0.574550	105.235120	
2010	228	1200	228.500000000	08/16/2010 12:00	08/16/2010 11:00	56.261	0.79965	0.399	16.55	0.435	13.18	43.9565	105.1600633	105.159948	0.562610	105.223180	
2010	228	1300	228.541666667	08/16/2010 13:00	08/16/2010 12:00	55.557	0.78964	0.398	16.55	0.435	13.16	43.9795	105.1530398	105.152924	0.555570	105.216140	
2010	228	1400	228.583333333	08/16/2010 14:00	08/16/2010 13:00	55.153	0.78390	0.399	16.54	0.435	13.14	43.9928	105.1490092	105.148894	0.551530	105.212100	
2010	228	1500	228.625000000	08/16/2010 15:00	08/16/2010 14:00	55.034	0.78221	0.398	16.56	0.435	13.11	43.9966	105.147822	105.147707	0.550340	105.210910	
2010	228	1600	228.666666667	08/16/2010 16:00	08/16/2010 15:00	55.034	0.78221	0.398	16.55	0.435	13.09	43.9966	105.147822	105.147707	0.550340	105.210910	
2010	228	1700	228.708333333	08/16/2010 17:00	08/16/2010 16:00	55.727	0.79206	0.398	16.54	0.435	13.1	43.9740	105.1547358	105.154620	0.557270	105.217840	
2010	228	1800	228.750000000	08/16/2010 18:00	08/16/2010 17:00	56.307	0.80030	0.398	16.55	0.435	13.11	43.9550	105.1605222	105.160407	0.563070	105.223640	
2010	228	1900	228.791666667	08/16/2010 19:00	08/16/2010 18:00	57.576	0.81834	0.398	16.51	0.435	13.03	43.9134	105.1731825	105.173067	0.575760	105.236330	
2010	228	2000	228.833333333	08/16/2010 20:00	08/16/2010 19:00	58.519	0.83174	0.399	16.53	0.436	13.01	43.8826	105.1825905	105.182475	0.585190	105.245760	
2010	228	2100	228.875000000	08/16/2010 21:00	08/16/2010 20:00	59.426	0.84464	0.399	16.53	0.436	13	43.8529	105.1916393	105.191524	0.594260	105.254830	
2010	228	2200	228.916666667	08/16/2010 22:00	08/16/2010 21:00	60.257	0.85645	0.399	16.54	0.436	12.99	43.8257	105.1999298	105.199814	0.602570	105.263140	
2010	228	2300	228.958333333	08/16/2010 23:00	08/16/2010 22:00	61.078	0.86812	0.399	16.53	0.436	12.99	43.7988	105.2081206	105.208005	0.610780	105.271350	
2010	228	2400	229.000000000	08/17/2010 0:00	08/16/2010 23:00	62.028	0.88162	0.399	16.53	0.436	12.98	43.7677	105.2175984	105.217483	0.620280	105.280850	
2010	229	100	229.041666667	08/17/2010 1:00	08/17/2010 0:00	62.61	0.88989	0.399	16.52	0.436	12.98	43.7487	105.2234048	105.223289	0.626100	105.286670	
2010	229	200	229.083333333	08/17/2010 2:00	08/17/2010 1:00	63.133	0.89732	0.399	16.53	0.436	12.97	43.7316	105.2286225	105.228507	0.631330	105.291900	
2010	229	300	229.125000000	08/17/2010 3:00	08/17/2010 2:00	63.65	0.90467	0.399	16.53	0.436	12.97	43.7146	105.2337804	105.233665	0.636500	105.297070	
2010	229	400	229.166666667	08/17/2010 4:00	08/17/2010 3:00	63.887	0.90804	0.399	16.55	0.436	12.96	43.7069	105.2361449	105.236030	0.638870	105.299440	
2010	229	500	229.208333333	08/17/2010 5:00	08/17/2010 4:00	64.032	0.91010	0.399	16.53	0.436	12.96	43.7021	105.2375915	105.237476	0.640320	105.300890	
2010	229	600	229.250000000	08/17/2010 6:00	08/17/2010 5:00	63.51	0.90268	0.399	16.53	0.436	12.95	43.7192	105.2323837	105.232268	0.635100	105.295670	
2010	229	700	229.291666667	08/17/2010 7:00	08/17/2010 6:00	63.005	0.89550	0.399	16.54	0.436	13.44	43.7357	105.2273455	105.227230	0.630050	105.290620	
2010	229	800	229.333333333	08/17/2010 8:00	08/17/2010 7:00	62.044	0.88185	0.399	16.54	0.436	13.41	43.7672	105.217758	105.217643	0.620440	105.281010	
2010	229	900	229.375000000	08/17/2010 9:00	08/17/2010 8:00	61.408	0.87281	0.399	16.52	0.436	13.34	43.7880	105.2114129	105.211298	0.614080	105.274650	
2010	229	1000	229.416666667	08/17/2010 10:00	08/17/2010 9:00	60.154	0.85498	0.399	16.54	0.436	13.28	43.8291	105.1989022	105.198787	0.601540	105.262110	
2010	229	1100	229.458333333	08/17/2010 11:00	08/17/2010 10:00	59.573	0.84672	0.398	16.54	0.435	13.19	43.8481	105.1931058	105.192990	0.595730	105.256300	
2010	229	1200	229.500000000	08/17/2010 12:00	08/17/2010 11:00	58.529	0.83189	0.398	16.55	0.435	13.15	43.8822	105.1826902	105.182575	0.585290	105.245860	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	229	1300	229.541666667	08/17/2010 13:00	08/17/2010 12:00	58.074	0.82542	0.398	16.55	0.435	13.13	43.8971	105.1781509	105.178036	0.580740	105.241310	
2010	229	1400	229.583333333	08/17/2010 14:00	08/17/2010 13:00	57.698	0.82007	0.398	16.55	0.435	13.1	43.9094	105.1743997	105.174284	0.576980	105.237550	
2010	229	1500	229.625000000	08/17/2010 15:00	08/17/2010 14:00	57.991	0.82424	0.398	16.54	0.435	13.08	43.8999	105.1773228	105.177207	0.579910	105.240480	
2010	229	1600	229.666666667	08/17/2010 16:00	08/17/2010 15:00	59.053	0.83933	0.398	16.55	0.435	13.08	43.8651	105.187918	105.187803	0.590530	105.251100	
2010	229	1700	229.708333333	08/17/2010 17:00	08/17/2010 16:00	60.583	0.86108	0.399	16.56	0.435	13.07	43.8150	105.2031822	105.203067	0.605830	105.266400	
2010	229	1800	229.750000000	08/17/2010 18:00	08/17/2010 17:00	61.961	0.88067	0.399	16.54	0.435	13.07	43.7699	105.21693	105.216815	0.619610	105.280180	
2010	229	1900	229.791666667	08/17/2010 19:00	08/17/2010 18:00	62.952	0.89475	0.398	16.53	0.435	13.02	43.7375	105.2268168	105.226701	0.629520	105.290090	
2010	229	2000	229.833333333	08/17/2010 20:00	08/17/2010 19:00	64.398	0.91530	0.399	16.54	0.435	13.01	43.6901	105.2412429	105.241128	0.643980	105.304550	
2010	229	2100	229.875000000	08/17/2010 21:00	08/17/2010 20:00	65.372	0.92915	0.399	16.53	0.435	12.99	43.6583	105.2509601	105.250845	0.653720	105.314290	
2010	229	2200	229.916666667	08/17/2010 22:00	08/17/2010 21:00	66.517	0.94542	0.399	16.51	0.436	12.98	43.6208	105.2623834	105.262268	0.665170	105.325740	
2010	229	2300	229.958333333	08/17/2010 23:00	08/17/2010 22:00	67.325	0.95691	0.399	16.51	0.436	12.99	43.5943	105.2704445	105.270329	0.673250	105.333820	
2010	229	2400	230.000000000	08/18/2010 0:00	08/17/2010 23:00	68.077	0.96759	0.399	16.52	0.436	12.98	43.5697	105.2779469	105.277832	0.680770	105.341340	
2010	230	100	230.041666667	08/18/2010 1:00	08/18/2010 0:00	68.423	0.97251	0.399	16.52	0.436	12.97	43.5584	105.2813988	105.281283	0.684230	105.344800	
2010	230	200	230.083333333	08/18/2010 2:00	08/18/2010 1:00	68.964	0.98020	0.399	16.54	0.435	12.98	43.5407	105.2867961	105.286681	0.689640	105.350210	
2010	230	300	230.125000000	08/18/2010 3:00	08/18/2010 2:00	69.291	0.98485	0.398	16.51	0.435	12.98	43.5300	105.2900585	105.289943	0.692910	105.353480	
2010	230	400	230.166666667	08/18/2010 4:00	08/18/2010 3:00	69.478	0.98751	0.398	16.55	0.435	12.98	43.5239	105.2919241	105.291809	0.694780	105.355350	
2010	230	500	230.208333333	08/18/2010 5:00	08/18/2010 4:00	69.456	0.98719	0.398	16.55	0.435	12.98	43.5246	105.2917046	105.291589	0.694560	105.355130	
2010	230	600	230.250000000	08/18/2010 6:00	08/18/2010 5:00	69.566	0.98876	0.399	16.53	0.435	12.97	43.5210	105.292802	105.292687	0.695660	105.356230	
2010	230	700	230.291666667	08/18/2010 7:00	08/18/2010 6:00	68.772	0.97747	0.399	16.54	0.435	13.25	43.5470	105.2848806	105.284765	0.687720	105.348290	
2010	230	800	230.333333333	08/18/2010 8:00	08/18/2010 7:00	68.279	0.97046	0.399	16.52	0.436	13.36	43.5631	105.2799621	105.279847	0.682790	105.343360	
2010	230	900	230.375000000	08/18/2010 9:00	08/18/2010 8:00	67.691	0.96211	0.399	16.55	0.436	13.34	43.5824	105.2740959	105.273981	0.676910	105.337480	
2010	230	1000	230.416666667	08/18/2010 10:00	08/18/2010 9:00	67.217	0.95537	0.399	16.53	0.436	13.35	43.5979	105.269367	105.269252	0.672170	105.332740	
2010	230	1100	230.458333333	08/18/2010 11:00	08/18/2010 10:00	66.645	0.94724	0.399	16.52	0.436	13.34	43.6166	105.2636604	105.263545	0.666450	105.327020	
2010	230	1200	230.500000000	08/18/2010 12:00	08/18/2010 11:00	65.974	0.93770	0.399	16.51	0.436	13.33	43.6386	105.2569661	105.256851	0.659740	105.320310	
2010	230	1300	230.541666667	08/18/2010 13:00	08/18/2010 12:00	66.174	0.94055	0.399	16.51	0.436	13.29	43.6320	105.2589614	105.258846	0.661740	105.322310	
2010	230	1400	230.583333333	08/18/2010 14:00	08/18/2010 13:00	65.804	0.93529	0.399	16.53	0.435	13.25	43.6441	105.25527	105.255155	0.658040	105.318610	
2010	230	1500	230.625000000	08/18/2010 15:00	08/18/2010 14:00	66.378	0.94345	0.399	16.52	0.435	13.2	43.6253	105.2609966	105.260881	0.663780	105.324350	
2010	230	1600	230.666666667	08/18/2010 16:00	08/18/2010 15:00	67.141	0.95429	0.399	16.54	0.435	13.16	43.6004	105.2686088	105.268493	0.671410	105.331980	
2010	230	1700	230.708333333	08/18/2010 17:00	08/18/2010 16:00	67.976	0.96616	0.398	16.56	0.435	13.13	43.5730	105.2769392	105.276824	0.679760	105.340330	
2010	230	1800	230.750000000	08/18/2010 18:00	08/18/2010 17:00	69.171	0.98314	0.398	16.53	0.435	13.14	43.5339	105.2888613	105.288746	0.691710	105.352280	
2010	230	1900	230.791666667	08/18/2010 19:00	08/18/2010 18:00	70.515	1.00225	0.398	16.52	0.435	13.06	43.4899	105.3022698	105.302154	0.705150	105.365720	
2010	230	2000	230.833333333	08/18/2010 20:00	08/18/2010 19:00	71.529	1.01666	0.398	16.52	0.435	13.05	43.4567	105.3123861	105.312271	0.715290	105.375860	
2010	230	2100	230.875000000	08/18/2010 21:00	08/18/2010 20:00	72.496	1.03040	0.398	16.52	0.435	13.03	43.4251	105.3220335	105.321918	0.724960	105.385530	
2010	230	2200	230.916666667	08/18/2010 22:00	08/18/2010 21:00	73.452	1.04399	0.398	16.53	0.435	13.02	43.3938	105.3315711	105.331456	0.734520	105.395090	
2010	230	2300	230.958333333	08/18/2010 23:00	08/18/2010 22:00	74.395	1.05739	0.398	16.53	0.435	13	43.3629	105.340979	105.340864	0.743950	105.404520	
2010	230	2400	231.000000000	08/19/2010 0:00	08/18/2010 23:00	74.945	1.06521	0.399	16.53	0.435	12.99	43.3449	105.3464662	105.346351	0.749450	105.410020	
2010	231	100	231.041666667	08/19/2010 1:00	08/19/2010 0:00	75.464	1.07259	0.398	16.53	0.435	12.99	43.3279	105.351644	105.351529	0.754640	105.415210	
2010	231	200	231.083333333	08/19/2010 2:00	08/19/2010 1:00	75.889	1.07863	0.398	16.53	0.435	12.97	43.3140	105.3558841	105.355769	0.758890	105.419460	
2010	231	300	231.125000000	08/19/2010 3:00	08/19/2010 2:00	76.375	1.08554	0.399	16.54	0.435	12.97	43.2981	105.3607327	105.360617	0.763750	105.424320	
2010	231	400	231.166666667	08/19/2010 4:00	08/19/2010 3:00	76.69	1.09001	0.399	16.53	0.436	12.96	43.2878	105.3638754	105.363760	0.766900	105.427470	
2010	231	500	231.208333333	08/19/2010 5:00	08/19/2010 4:00	76.816	1.09180	0.399	16.53	0.436	12.96	43.2837	105.3651324	105.365017	0.768160	105.428730	
2010	231	600	231.250000000	08/19/2010 6:00	08/19/2010 5:00	76.646	1.08939	0.398	16.54	0.435	12.96	43.2893	105.3634364	105.363321	0.766460	105.427030	
2010	231	700	231.291666667	08/19/2010 7:00	08/19/2010 6:00	76.367	1.08542	0.398	16.52	0.435	13.47	43.2984	105.3606529	105.360538	0.763670	105.424240	
2010	231	800	231.333333333	08/19/2010 8:00	08/19/2010 7:00	76.06	1.08106	0.399	16.54	0.435	13.44	43.3084	105.3575901	105.357475	0.760600	105.421170	
2010	231	900	231.375000000	08/19/2010 9:00	08/19/2010 8:00	75.385	1.07146	0.399	16.51	0.436	13.39	43.3305	105.3508559	105.350741	0.753850	105.414420	
2010	231	1000	231.416666667	08/19/2010 10:00	08/19/2010 9:00	74.367	1.05700	0.399	16.54	0.436	13.34	43.3638	105.3406997	105.340584	0.743670	105.404240	
2010	231	1100	231.458333333	08/19/2010 11:00	08/19/2010 10:00	73.493	1.04457	0.399	16.52	0.436	13.29	43.3925	105.3319801	105.331865	0.734930	105.395500	
2010	231	1200	231.500000000	08/19/2010 12:00	08/19/2010 11:00	72.494	1.03037	0.399	16.52	0.436	13.25	43.4252	105.3220135	105.321898	0.724940	105.385510	
2010	231	1300	231.541666667	08/19/2010 13:00	08/19/2010 12:00	71.617	1.01791	0.399	16.55	0.435	13.22	43.4539	105.313264	105.313149	0.716170	105.376740	
2010	231	1400	231.583333333	08/19/2010 14:00	08/19/2010 13:00	70.888	1.00755	0.399	16.55	0.435	13.2	43.4777	105.3059911	105.305876	0.708880	105.369450	
2010	231	1500	231.625000000	08/19/2010 15:00	08/19/2010 14:00	69.982	0.99467	0.398	16.54	0.435	13.16	43.5074	105.2969523	105.296837	0.699820	105.360390	
2010	231	1600	231.666666667	08/19/2010 16:00	08/19/2010 15:00	69.397	0.98636	0.398	16.54	0.435	13.15	43.5265	105.291116	105.291001	0.693970	105.354540	
2010	231	1700	231.708333333	08/19/2010 17:00	08/19/2010 16:00	68.692	0.97633	0.398	16.54	0.435	13.16	43.5496	105.2840825	105.283967	0.686920	105.347490	
2010	231	1800	231.750000000	08/19/2010 18:00	08/19/2010 17:00	68.393	0.97209	0.398	16.54	0.435	13.17	43.5594	105.2810995	105.280984	0.683930	105.344500	
2010	231	1900	231.791666667	08/19/2010 19:00	08/19/2010 18:00	68.209	0.96947	0.399	16.54	0.436	13.08	43.5654	105.2792638	105.279148	0.682090	105.342660	
2010	231	2000	231.833333333	08/19/2010 20:00	08/19/2010 19:00	68.05	0.96721	0.399	16.54	0.435	13.05	43.5706	105.2776775	105.277562	0.680500	105.341070	
2010	231	2100	231.875000000	08/19/2010 21:00	08/19/2010 20:00	67.923	0.96541	0.398	16.53	0.435	13.03	43.5748	105.2764105	105.276295	0.679230	105.339800	
2010	231	2200	231.916666667	08/19/2010 22:00	08/19/2010 21:00	67.911	0.96523	0.398	16.52	0.435	13.02	43.5752	105.2762907	105.276175	0.679110	105.339680	
2010	231	2300	231.958333333	08/19/2010 23:00	08/19/2010 22:00	67.885	0.96486	0.399	16.55	0.435	13.01	43.5760	105.2760314	105.275916	0.678850	105.339420	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	231	2400	232.000000000	08/20/2010 0:00	08/19/2010 23:00	67.617	0.96106	0.398	16.53	0.435	13	43.5848	105.2733576	105.273242	0.676170	105.336740	
2010	232	100	232.041666667	08/20/2010 1:00	08/20/2010 0:00	67.441	0.95855	0.398	16.53	0.435	12.99	43.5905	105.2716017	105.271486	0.674410	105.334980	
2010	232	200	232.083333333	08/20/2010 2:00	08/20/2010 1:00	67.164	0.95462	0.399	16.53	0.435	12.98	43.5996	105.2688382	105.268723	0.671640	105.332210	
2010	232	300	232.125000000	08/20/2010 3:00	08/20/2010 2:00	66.762	0.94890	0.399	16.53	0.435	12.97	43.6128	105.2648276	105.264712	0.667620	105.328190	
2010	232	400	232.166666667	08/20/2010 4:00	08/20/2010 3:00	66.34	0.94291	0.398	16.55	0.435	12.96	43.6266	105.2606175	105.260502	0.663400	105.323970	
2010	232	500	232.208333333	08/20/2010 5:00	08/20/2010 4:00	65.842	0.93583	0.398	16.53	0.435	12.96	43.6429	105.2556492	105.255534	0.658420	105.318990	
2010	232	600	232.250000000	08/20/2010 6:00	08/20/2010 5:00	65.198	0.92667	0.398	16.52	0.435	12.95	43.6640	105.2492242	105.249109	0.651980	105.312550	
2010	232	700	232.291666667	08/20/2010 7:00	08/20/2010 6:00	64.308	0.91402	0.398	16.53	0.435	13.58	43.6931	105.240345	105.240230	0.643080	105.303650	
2010	232	800	232.333333333	08/20/2010 8:00	08/20/2010 7:00	63.927	0.90861	0.398	16.56	0.435	13.51	43.7056	105.236544	105.236429	0.639270	105.299840	
2010	232	900	232.375000000	08/20/2010 9:00	08/20/2010 8:00	63.597	0.90392	0.398	16.56	0.435	13.44	43.7164	105.2332517	105.233136	0.635970	105.296540	
2010	232	1000	232.416666667	08/20/2010 10:00	08/20/2010 9:00	62.862	0.89347	0.398	16.55	0.435	13.4	43.7404	105.2259189	105.225804	0.628620	105.289190	
2010	232	1100	232.458333333	08/20/2010 11:00	08/20/2010 10:00	62.158	0.88347	0.398	16.54	0.435	13.35	43.7635	105.2188953	105.218780	0.621580	105.282150	
2010	232	1200	232.500000000	08/20/2010 12:00	08/20/2010 11:00	61.336	0.87178	0.398	16.53	0.434	13.32	43.7904	105.2106946	105.210579	0.613360	105.273930	
2010	232	1300	232.541666667	08/20/2010 13:00	08/20/2010 12:00	60.673	0.86236	0.398	16.55	0.434	13.31	43.8121	105.2040801	105.203965	0.606730	105.267300	
2010	232	1400	232.583333333	08/20/2010 14:00	08/20/2010 13:00	60.341	0.85764	0.398	16.55	0.434	13.28	43.8229	105.2007679	105.200653	0.603410	105.263980	
2010	232	1500	232.625000000	08/20/2010 15:00	08/20/2010 14:00	59.141	0.84058	0.398	16.57	0.434	13.25	43.8622	105.1887959	105.188681	0.591410	105.251980	
2010	232	1600	232.666666667	08/20/2010 16:00	08/20/2010 15:00	59.069	0.83956	0.397	16.55	0.434	13.23	43.8646	105.1880776	105.187962	0.590690	105.251260	
2010	232	1700	232.708333333	08/20/2010 17:00	08/20/2010 16:00	59.151	0.84073	0.398	16.56	0.434	13.24	43.8619	105.1888957	105.188780	0.591510	105.252080	
2010	232	1800	232.750000000	08/20/2010 18:00	08/20/2010 17:00	59.496	0.84563	0.397	16.56	0.434	13.27	43.8506	105.1923376	105.192222	0.594960	105.255530	
2010	232	1900	232.791666667	08/20/2010 19:00	08/20/2010 18:00	60.463	0.85937	0.397	16.52	0.434	13.16	43.8189	105.201985	105.201870	0.604630	105.265200	
2010	232	2000	232.833333333	08/20/2010 20:00	08/20/2010 19:00	61.477	0.87379	0.398	16.53	0.434	13.11	43.7858	105.2121013	105.211986	0.614770	105.275340	
2010	232	2100	232.875000000	08/20/2010 21:00	08/20/2010 20:00	62.656	0.89054	0.398	16.55	0.434	13.09	43.7472	105.2238637	105.223748	0.626560	105.287130	
2010	232	2200	232.916666667	08/20/2010 22:00	08/20/2010 21:00	63.725	0.90574	0.398	16.53	0.435	13.07	43.7122	105.2345287	105.234413	0.637250	105.297820	
2010	232	2300	232.958333333	08/20/2010 23:00	08/20/2010 22:00	64.534	0.91724	0.398	16.52	0.435	13.06	43.6857	105.2425998	105.242484	0.645340	105.305910	
2010	232	2400	233.000000000	08/21/2010 0:00	08/20/2010 23:00	65.467	0.93050	0.398	16.53	0.434	13.05	43.6552	105.2519079	105.251793	0.654670	105.315240	
2010	233	100	233.041666667	08/21/2010 1:00	08/21/2010 0:00	65.989	0.93792	0.398	16.56	0.434	13.04	43.6381	105.2571157	105.257000	0.659890	105.320460	
2010	233	200	233.083333333	08/21/2010 2:00	08/21/2010 1:00	66.211	0.94107	0.398	16.52	0.435	13.03	43.6308	105.2593305	105.259215	0.662110	105.322680	
2010	233	300	233.125000000	08/21/2010 3:00	08/21/2010 2:00	66.498	0.94515	0.398	16.53	0.435	13.01	43.6214	105.2621938	105.262078	0.664980	105.325550	
2010	233	400	233.166666667	08/21/2010 4:00	08/21/2010 3:00	66.918	0.95112	0.398	16.52	0.435	13.01	43.6077	105.266384	105.266269	0.669180	105.329750	
2010	233	500	233.208333333	08/21/2010 5:00	08/21/2010 4:00	67.234	0.95561	0.398	16.54	0.435	13	43.5973	105.2695366	105.269421	0.672340	105.332910	
2010	233	600	233.250000000	08/21/2010 6:00	08/21/2010 5:00	67.253	0.95588	0.398	16.54	0.435	13	43.5967	105.2697261	105.269611	0.672530	105.333100	
2010	233	700	233.291666667	08/21/2010 7:00	08/21/2010 6:00	67.108	0.95382	0.398	16.56	0.435	13.56	43.6014	105.2682795	105.268164	0.671080	105.331650	
2010	233	800	233.333333333	08/21/2010 8:00	08/21/2010 7:00	66.937	0.95139	0.398	16.53	0.435	13.54	43.6070	105.2665735	105.266458	0.669370	105.329940	
2010	233	900	233.375000000	08/21/2010 9:00	08/21/2010 8:00	66.306	0.94242	0.398	16.56	0.434	13.48	43.6277	105.2602783	105.260163	0.663060	105.323630	
2010	233	1000	233.416666667	08/21/2010 10:00	08/21/2010 9:00	65.165	0.92620	0.398	16.54	0.434	13.4	43.6650	105.248895	105.248780	0.651650	105.312220	
2010	233	1100	233.458333333	08/21/2010 11:00	08/21/2010 10:00	64.075	0.91071	0.397	16.53	0.434	13.34	43.7007	105.2380205	105.237905	0.640750	105.301320	
2010	233	1200	233.500000000	08/21/2010 12:00	08/21/2010 11:00	63.14	0.89742	0.397	16.55	0.434	13.32	43.7313	105.2286924	105.228577	0.631400	105.291970	
2010	233	1300	233.541666667	08/21/2010 13:00	08/21/2010 12:00	63.069	0.89641	0.397	16.55	0.434	13.3	43.7336	105.227984	105.227869	0.630690	105.291260	
2010	233	1400	233.583333333	08/21/2010 14:00	08/21/2010 13:00	62.374	0.88654	0.397	16.56	0.434	13.28	43.7564	105.2210503	105.220935	0.623740	105.284310	
2010	233	1500	233.625000000	08/21/2010 15:00	08/21/2010 14:00	61.654	0.87630	0.397	16.56	0.434	13.26	43.7800	105.2138671	105.213752	0.616540	105.277110	
2010	233	1600	233.666666667	08/21/2010 16:00	08/21/2010 15:00	61.211	0.87001	0.397	16.56	0.434	13.26	43.7945	105.2094475	105.209332	0.612110	105.272680	
2010	233	1700	233.708333333	08/21/2010 17:00	08/21/2010 16:00	60.723	0.86307	0.397	16.54	0.434	13.24	43.8104	105.2045789	105.204464	0.607230	105.267800	
2010	233	1800	233.750000000	08/21/2010 18:00	08/21/2010 17:00	60.023	0.85312	0.397	16.54	0.434	13.15	43.8333	105.1975953	105.197480	0.600230	105.260800	
2010	233	1900	233.791666667	08/21/2010 19:00	08/21/2010 18:00	59.681	0.84826	0.397	16.52	0.434	13.12	43.8445	105.1941833	105.194068	0.596810	105.257380	
2010	233	2000	233.833333333	08/21/2010 20:00	08/21/2010 19:00	59.347	0.84351	0.397	16.53	0.434	13.09	43.8555	105.1908511	105.190736	0.593470	105.254040	
2010	233	2100	233.875000000	08/21/2010 21:00	08/21/2010 20:00	59.241	0.84201	0.397	16.52	0.434	13.07	43.8589	105.1897936	105.189678	0.592410	105.252980	
2010	233	2200	233.916666667	08/21/2010 22:00	08/21/2010 21:00	59.314	0.84304	0.397	16.54	0.434	13.07	43.8566	105.1905219	105.190407	0.593140	105.253710	
2010	233	2300	233.958333333	08/21/2010 23:00	08/21/2010 22:00	59.651	0.84783	0.397	16.52	0.434	13.06	43.8455	105.193884	105.193769	0.596510	105.257080	
2010	233	2400	234.000000000	08/22/2010 0:00	08/21/2010 23:00	60.422	0.85879	0.397	16.5	0.434	13.04	43.8203	105.201576	105.201461	0.604220	105.264790	
2010	234	100	234.041666667	08/22/2010 1:00	08/22/2010 0:00	61.404	0.87275	0.397	16.54	0.434	13.03	43.7881	105.211373	105.211258	0.614040	105.274610	
2010	234	200	234.083333333	08/22/2010 2:00	08/22/2010 1:00	62.182	0.88381	0.397	16.54	0.434	13.03	43.7627	105.2191348	105.219019	0.621820	105.282390	
2010	234	300	234.125000000	08/22/2010 3:00	08/22/2010 2:00	62.721	0.89147	0.397	16.54	0.434	13.01	43.7450	105.2245122	105.224397	0.627210	105.287780	
2010	234	400	234.166666667	08/22/2010 4:00	08/22/2010 3:00	63.154	0.89762	0.397	16.55	0.434	13.01	43.7309	105.228832	105.228717	0.631540	105.292110	
2010	234	500	234.208333333	08/22/2010 5:00	08/22/2010 4:00	63.034	0.89592	0.397	16.54	0.434	13	43.7348	105.2276348	105.227520	0.630340	105.290910	
2010	234	600	234.250000000	08/22/2010 6:00	08/22/2010 5:00	62.489	0.88817	0.397	16.55	0.434	13.02	43.7526	105.2221976	105.222082	0.624890	105.285460	
2010	234	700	234.291666667	08/22/2010 7:00	08/22/2010 6:00	62.257	0.88487	0.397	16.52	0.434	13.58	43.7602	105.219883	105.219768	0.622570	105.283140	
2010	234	800	234.333333333	08/22/2010 8:00	08/22/2010 7:00	61.42	0.87298	0.397	16.53	0.434	13.54	43.7876	105.2115326	105.211417	0.614200	105.274770	
2010	234	900	234.375000000	08/22/2010 9:00	08/22/2010 8:00	60.725	0.86310	0.397	16.54	0.434	13.47	43.8104	105.2045989	105.204484	0.607250	105.267820	
2010	234	1000	234.416666667	08/22/2010 10:00	08/22/2010 9:00	60.144	0.85484	0.397	16.54	0.434	13.42	43.8294	105.1988025	105.198687	0.601440	105.262010	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	234	1100	234.458333333	08/22/2010 11:00	08/22/2010 10:00	59.3	0.84284	0.397	16.53	0.433	13.37	43.8570	105.1903822	105.190267	0.593000	105.253570	
2010	234	1200	234.500000000	08/22/2010 12:00	08/22/2010 11:00	58.275	0.82828	0.397	16.55	0.433	13.36	43.8906	105.1801562	105.180041	0.582750	105.243320	
2010	234	1300	234.541666667	08/22/2010 13:00	08/22/2010 12:00	58.727	0.83470	0.397	16.54	0.433	13.33	43.8758	105.1846656	105.184550	0.587270	105.247840	
2010	234	1400	234.583333333	08/22/2010 14:00	08/22/2010 13:00	57.601	0.81870	0.397	16.51	0.434	13.33	43.9126	105.173432	105.173317	0.576010	105.236580	
2010	234	1500	234.625000000	08/22/2010 15:00	08/22/2010 14:00	57.018	0.81041	0.397	16.52	0.433	13.34	43.9317	105.1676156	105.167500	0.570180	105.230750	
2010	234	1600	234.666666667	08/22/2010 16:00	08/22/2010 15:00	56.405	0.80170	0.397	16.56	0.433	13.35	43.9518	105.1614999	105.161385	0.564050	105.224620	
2010	234	1700	234.708333333	08/22/2010 17:00	08/22/2010 16:00	55.152	0.78389	0.396	16.53	0.433	13.37	43.9928	105.1489993	105.148884	0.551520	105.212090	
2010	234	1800	234.750000000	08/22/2010 18:00	08/22/2010 17:00	54.849	0.77958	0.397	16.55	0.433	13.39	44.0027	105.1459763	105.145861	0.548490	105.209060	
2010	234	1900	234.791666667	08/22/2010 19:00	08/22/2010 18:00	54.067	0.76847	0.397	16.52	0.434	13.25	44.0283	105.1381746	105.138059	0.540670	105.201240	
2010	234	2000	234.833333333	08/22/2010 20:00	08/22/2010 19:00	53.233	0.75661	0.396	16.52	0.433	13.2	44.0556	105.1298542	105.129739	0.532330	105.192900	
2010	234	2100	234.875000000	08/22/2010 21:00	08/22/2010 20:00	52.509	0.74632	0.397	16.54	0.433	13.16	44.0793	105.1226311	105.122516	0.525090	105.185660	
2010	234	2200	234.916666667	08/22/2010 22:00	08/22/2010 21:00	51.781	0.73598	0.397	16.53	0.433	13.14	44.1031	105.1153681	105.115253	0.517810	105.178380	
2010	234	2300	234.958333333	08/22/2010 23:00	08/22/2010 22:00	51.009	0.72500	0.396	16.52	0.433	13.11	44.1284	105.1076662	105.107551	0.510090	105.170660	
2010	234	2400	235.000000000	08/23/2010 0:00	08/22/2010 23:00	50.183	0.71326	0.396	16.55	0.433	13.09	44.1554	105.0994255	105.099310	0.501830	105.162400	
2010	235	100	235.041666667	08/23/2010 1:00	08/23/2010 0:00	49.497	0.70351	0.396	16.55	0.433	13.08	44.1779	105.0925816	105.092466	0.494970	105.155540	
2010	235	200	235.083333333	08/23/2010 2:00	08/23/2010 1:00	48.721	0.69248	0.396	16.55	0.433	13.06	44.2033	105.0848397	105.084724	0.487210	105.147780	
2010	235	300	235.125000000	08/23/2010 3:00	08/23/2010 2:00	47.967	0.68177	0.396	16.55	0.433	13.05	44.2280	105.0773174	105.077202	0.479670	105.140240	
2010	235	400	235.166666667	08/23/2010 4:00	08/23/2010 3:00	47.205	0.67094	0.396	16.56	0.432	13.04	44.2529	105.0697152	105.069600	0.472050	105.132620	
2010	235	500	235.208333333	08/23/2010 5:00	08/23/2010 4:00	46.397	0.65945	0.396	16.54	0.433	13.03	44.2794	105.0616541	105.061539	0.463970	105.124540	
2010	235	600	235.250000000	08/23/2010 6:00	08/23/2010 5:00	45.388	0.64511	0.396	16.56	0.432	13.03	44.3124	105.0515877	105.051472	0.453880	105.114450	
2010	235	700	235.291666667	08/23/2010 7:00	08/23/2010 6:00	44.458	0.63189	0.396	16.55	0.432	13.63	44.3428	105.0423095	105.042194	0.444580	105.105150	
2010	235	800	235.333333333	08/23/2010 8:00	08/23/2010 7:00	43.708	0.62123	0.396	16.57	0.432	13.6	44.3674	105.034827	105.034712	0.437080	105.097650	
2010	235	900	235.375000000	08/23/2010 9:00	08/23/2010 8:00	42.883	0.60951	0.396	16.54	0.432	13.54	44.3944	105.0265963	105.026481	0.428830	105.089400	
2010	235	1000	235.416666667	08/23/2010 10:00	08/23/2010 9:00	42.296	0.60116	0.396	16.54	0.432	13.48	44.4136	105.02074	105.020625	0.422960	105.083530	
2010	235	1100	235.458333333	08/23/2010 11:00	08/23/2010 10:00	41.263	0.58648	0.396	16.56	0.432	13.42	44.4474	105.0104342	105.010319	0.412630	105.073200	
2010	235	1200	235.500000000	08/23/2010 12:00	08/23/2010 11:00	40.534	0.57612	0.396	16.56	0.432	13.39	44.4713	105.0031613	105.003046	0.405340	105.065910	
2010	235	1300	235.541666667	08/23/2010 13:00	08/23/2010 12:00	39.781	0.56542	0.397	16.55	0.434	13.39	44.4959	104.9956489	104.995534	0.397810	105.058380	
2010	235	1400	235.583333333	08/23/2010 14:00	08/23/2010 13:00	38.938	0.55343	0.398	16.59	0.434	13.37	44.5235	104.9872386	104.987123	0.389380	105.049950	
2010	235	1500	235.625000000	08/23/2010 15:00	08/23/2010 14:00	38.41	0.54593	0.397	16.54	0.434	13.34	44.5408	104.981971	104.981856	0.384100	105.044670	
2010	235	1600	235.666666667	08/23/2010 16:00	08/23/2010 15:00	37.818	0.53752	0.398	16.57	0.434	13.33	44.5602	104.9760648	104.975949	0.378180	105.038750	
2010	235	1700	235.708333333	08/23/2010 17:00	08/23/2010 16:00	37.537	0.53352	0.397	16.55	0.434	13.33	44.5694	104.9732614	104.973146	0.375370	105.035940	
2010	235	1800	235.750000000	08/23/2010 18:00	08/23/2010 17:00	37.567	0.53395	0.398	16.55	0.434	13.37	44.5684	104.9735607	104.973445	0.375670	105.036240	
2010	235	1900	235.791666667	08/23/2010 19:00	08/23/2010 18:00	38.189	0.54279	0.397	16.56	0.434	13.24	44.5480	104.9797661	104.979651	0.381890	105.042460	
2010	235	2000	235.833333333	08/23/2010 20:00	08/23/2010 19:00	38.723	0.55038	0.397	16.54	0.434	13.18	44.5305	104.9850936	104.984978	0.387230	105.047800	
2010	235	2100	235.875000000	08/23/2010 21:00	08/23/2010 20:00	39.372	0.55960	0.397	16.56	0.434	13.16	44.5093	104.9915684	104.991453	0.393720	105.054290	
2010	235	2200	235.916666667	08/23/2010 22:00	08/23/2010 21:00	39.925	0.56746	0.396	16.55	0.433	13.13	44.4912	104.9970855	104.996970	0.399250	105.059820	
2010	235	2300	235.958333333	08/23/2010 23:00	08/23/2010 22:00	40.134	0.57043	0.395	16.54	0.432	13.11	44.4843	104.9991706	104.999055	0.401340	105.061910	
2010	235	2400	236.000000000	08/24/2010 0:00	08/23/2010 23:00	39.963	0.56800	0.395	16.56	0.432	13.09	44.4899	104.9974646	104.997349	0.399630	105.060200	
2010	236	100	236.041666667	08/24/2010 1:00	08/24/2010 0:00	39.771	0.56527	0.396	16.57	0.433	13.08	44.4962	104.9955491	104.995434	0.397710	105.058280	
2010	236	200	236.083333333	08/24/2010 2:00	08/24/2010 1:00	39.485	0.56121	0.397	16.55	0.434	13.06	44.5056	104.9926958	104.992580	0.394850	105.055420	
2010	236	300	236.125000000	08/24/2010 3:00	08/24/2010 2:00	39.099	0.55572	0.397	16.55	0.434	13.06	44.5182	104.9888448	104.988729	0.390990	105.051560	
2010	236	400	236.166666667	08/24/2010 4:00	08/24/2010 3:00	38.953	0.55365	0.397	16.57	0.434	13.04	44.5230	104.9873883	104.987273	0.389530	105.050100	
2010	236	500	236.208333333	08/24/2010 5:00	08/24/2010 4:00	38.743	0.55066	0.397	16.57	0.434	13.04	44.5299	104.9852932	104.985178	0.387430	105.048000	
2010	236	600	236.250000000	08/24/2010 6:00	08/24/2010 5:00	38.264	0.54385	0.397	16.55	0.434	13.02	44.5456	104.9805144	104.980399	0.382640	105.043210	
2010	236	700	236.291666667	08/24/2010 7:00	08/24/2010 6:00	37.703	0.53588	0.397	16.56	0.433	13.65	44.5639	104.9749175	104.974802	0.377030	105.037600	
2010	236	800	236.333333333	08/24/2010 8:00	08/24/2010 7:00	37.484	0.53277	0.397	16.56	0.434	13.58	44.5711	104.9727326	104.972617	0.374840	105.035410	
2010	236	900	236.375000000	08/24/2010 9:00	08/24/2010 8:00	36.771	0.52263	0.397	16.55	0.434	13.51	44.5944	104.9656193	104.965504	0.367710	105.028280	
2010	236	1000	236.416666667	08/24/2010 10:00	08/24/2010 9:00	36.465	0.51829	0.397	16.56	0.434	13.45	44.6044	104.9625665	104.962451	0.364650	105.025220	
2010	236	1100	236.458333333	08/24/2010 11:00	08/24/2010 10:00	35.864	0.50974	0.397	16.56	0.434	13.39	44.6241	104.9565705	104.956455	0.358640	105.019210	
2010	236	1200	236.500000000	08/24/2010 12:00	08/24/2010 11:00	35.426	0.50352	0.397	16.54	0.434	13.35	44.6384	104.9522008	104.952085	0.354260	105.014830	
2010	236	1300	236.541666667	08/24/2010 13:00	08/24/2010 12:00	34.782	0.49436	0.397	16.58	0.434	13.33	44.6595	104.9457758	104.945660	0.347820	105.008390	
2010	236	1400	236.583333333	08/24/2010 14:00	08/24/2010 13:00	34.305	0.48758	0.397	16.56	0.434	13.29	44.6751	104.941017	104.940902	0.343050	105.003620	
2010	236	1500	236.625000000	08/24/2010 15:00	08/24/2010 14:00	33.813	0.48059	0.397	16.58	0.433	13.24	44.6912	104.9361085	104.935993	0.338130	104.998700	
2010	236	1600	236.666666667	08/24/2010 16:00	08/24/2010 15:00	33.503	0.47619	0.397	16.58	0.434	13.22	44.7014	104.9330158	104.932900	0.335030	104.995600	
2010	236	1700	236.708333333	08/24/2010 17:00	08/24/2010 16:00	34.239	0.48665	0.397	16.55	0.433	13.21	44.6773	104.9403585	104.940243	0.342390	105.002960	
2010	236	1800	236.750000000	08/24/2010 18:00	08/24/2010 17:00	35.048	0.49815	0.396	16.58	0.433	13.23	44.6508	104.9484296	104.948314	0.350480	105.011050	
2010	236	1900	236.791666667	08/24/2010 19:00	08/24/2010 18:00	36.283	0.51570	0.396	16.58	0.433	13.14	44.6104	104.9607507	104.960635	0.362830	105.023400	
2010	236	2000	236.833333333	08/24/2010 20:00	08/24/2010 19:00	37.47	0.53257	0.396	16.55	0.433	13.11	44.5715	104.9725929	104.972478	0.374700	105.035270	
2010	236	2100	236.875000000	08/24/2010 21:00	08/24/2010 20:00	38.69	0.54991	0.396	16.54	0.432	13.09	44.5316	104.9847644	104.984649	0.386900	105.047470	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	236	2200	236.916666667	08/24/2010 22:00	08/24/2010 21:00	39.912	0.56728	0.395	16.54	0.431	13.08	44.4916	104.9969558	104.996840	0.399120	105.059690	
2010	236	2300	236.958333333	08/24/2010 23:00	08/24/2010 22:00	40.861	0.58077	0.395	16.54	0.431	13.07	44.4606	105.0064236	105.006308	0.408610	105.069180	
2010	236	2400	237.000000000	08/25/2010 0:00	08/24/2010 23:00	41.616	0.59150	0.394	16.55	0.431	13.05	44.4358	105.0139559	105.013841	0.416160	105.076730	
2010	237	100	237.041666667	08/25/2010 1:00	08/25/2010 0:00	42.383	0.60240	0.394	16.54	0.431	13.04	44.4107	105.021608	105.021493	0.423830	105.084400	
2010	237	200	237.083333333	08/25/2010 2:00	08/25/2010 1:00	42.906	0.60983	0.395	16.54	0.431	13.03	44.3936	105.0268258	105.026710	0.429060	105.089630	
2010	237	300	237.125000000	08/25/2010 3:00	08/25/2010 2:00	43.338	0.61597	0.395	16.54	0.431	13.02	44.3795	105.0311357	105.031020	0.433380	105.093950	
2010	237	400	237.166666667	08/25/2010 4:00	08/25/2010 3:00	43.749	0.62181	0.395	16.54	0.431	13.02	44.3660	105.035236	105.035121	0.437490	105.098060	
2010	237	500	237.208333333	08/25/2010 5:00	08/25/2010 4:00	43.892	0.62385	0.395	16.54	0.432	13	44.3613	105.0366627	105.036547	0.438920	105.099490	
2010	237	600	237.250000000	08/25/2010 6:00	08/25/2010 5:00	43.653	0.62045	0.395	16.54	0.432	13	44.3692	105.0342783	105.034163	0.436530	105.097100	
2010	237	700	237.291666667	08/25/2010 7:00	08/25/2010 6:00	43	0.61117	0.395	16.55	0.432	13.6	44.3905	105.0277636	105.027648	0.430000	105.090570	
2010	237	800	237.333333333	08/25/2010 8:00	08/25/2010 7:00	42.697	0.60686	0.395	16.55	0.431	13.52	44.4005	105.0247407	105.024625	0.426970	105.087540	
2010	237	900	237.375000000	08/25/2010 9:00	08/25/2010 8:00	42.123	0.59870	0.395	16.55	0.431	13.44	44.4192	105.0190141	105.018899	0.421230	105.081800	
2010	237	1000	237.416666667	08/25/2010 10:00	08/25/2010 9:00	41.401	0.58844	0.395	16.54	0.431	13.38	44.4429	105.011811	105.011696	0.414010	105.074580	
2010	237	1100	237.458333333	08/25/2010 11:00	08/25/2010 10:00	40.229	0.57178	0.394	16.55	0.43	13.32	44.4812	105.0001184	105.000003	0.402290	105.062860	
2010	237	1200	237.500000000	08/25/2010 12:00	08/25/2010 11:00	39.338	0.55912	0.397	16.57	0.433	13.27	44.5104	104.9912292	104.991114	0.393380	105.053950	
2010	237	1300	237.541666667	08/25/2010 13:00	08/25/2010 12:00	38.365	0.54529	0.397	16.57	0.433	13.25	44.5423	104.981522	104.981407	0.383650	105.044220	
2010	237	1400	237.583333333	08/25/2010 14:00	08/25/2010 13:00	37.676	0.53550	0.396	16.57	0.433	13.21	44.5648	104.9746481	104.974533	0.376760	105.037330	
2010	237	1500	237.625000000	08/25/2010 15:00	08/25/2010 14:00	36.851	0.52377	0.396	16.57	0.433	13.17	44.5918	104.9664174	104.966302	0.368510	105.029080	
2010	237	1600	237.666666667	08/25/2010 16:00	08/25/2010 15:00	36.399	0.51735	0.397	16.58	0.433	13.15	44.6066	104.961908	104.961793	0.363990	105.024560	
2010	237	1700	237.708333333	08/25/2010 17:00	08/25/2010 16:00	35.711	0.50757	0.397	16.58	0.433	13.15	44.6291	104.9550441	104.954929	0.357110	105.017680	
2010	237	1800	237.750000000	08/25/2010 18:00	08/25/2010 17:00	35.938	0.51079	0.397	16.57	0.433	13.17	44.6217	104.9573088	104.957193	0.359380	105.019950	
2010	237	1900	237.791666667	08/25/2010 19:00	08/25/2010 18:00	35.868	0.50980	0.397	16.55	0.433	13.09	44.6240	104.9566104	104.956495	0.358680	105.019250	
2010	237	2000	237.833333333	08/25/2010 20:00	08/25/2010 19:00	35.785	0.50862	0.397	16.58	0.433	13.07	44.6267	104.9557824	104.955667	0.357850	105.018420	
2010	237	2100	237.875000000	08/25/2010 21:00	08/25/2010 20:00	36.318	0.51620	0.396	16.58	0.433	13.06	44.6093	104.9610999	104.960985	0.363180	105.023750	
2010	237	2200	237.916666667	08/25/2010 22:00	08/25/2010 21:00	37.163	0.52821	0.396	16.55	0.433	13.04	44.5816	104.9695301	104.969415	0.371630	105.032200	
2010	237	2300	237.958333333	08/25/2010 23:00	08/25/2010 22:00	38.116	0.54175	0.396	16.55	0.432	13.03	44.5504	104.9790378	104.978922	0.381160	105.041730	
2010	237	2400	238.000000000	08/26/2010 0:00	08/25/2010 23:00	39.051	0.55504	0.395	16.56	0.432	13.02	44.5198	104.988366	104.988251	0.390510	105.051080	
2010	238	100	238.041666667	08/26/2010 1:00	08/26/2010 0:00	39.92	0.56739	0.394	16.55	0.43	13.01	44.4914	104.9970356	104.996920	0.399200	105.059770	
2010	238	200	238.083333333	08/26/2010 2:00	08/26/2010 1:00	40.645	0.57770	0.394	16.55	0.43	13.02	44.4676	105.0042687	105.004153	0.406450	105.067020	
2010	238	300	238.125000000	08/26/2010 3:00	08/26/2010 2:00	41.24	0.58615	0.394	16.57	0.43	13.01	44.4481	105.0102047	105.010089	0.412400	105.072970	
2010	238	400	238.166666667	08/26/2010 4:00	08/26/2010 3:00	41.687	0.59251	0.394	16.56	0.43	13.01	44.4335	105.0146643	105.014549	0.416870	105.077440	
2010	238	500	238.208333333	08/26/2010 5:00	08/26/2010 4:00	41.758	0.59352	0.394	16.56	0.43	13	44.4312	105.0153726	105.015257	0.417580	105.078150	
2010	238	600	238.250000000	08/26/2010 6:00	08/26/2010 5:00	41.321	0.58730	0.394	16.55	0.43	13	44.4455	105.0110128	105.010898	0.413210	105.073780	
2010	238	700	238.291666667	08/26/2010 7:00	08/26/2010 6:00	40.683	0.57824	0.394	16.56	0.43	13.52	44.4664	105.0046478	105.004532	0.406830	105.067400	
2010	238	800	238.333333333	08/26/2010 8:00	08/26/2010 7:00	40.387	0.57403	0.393	16.55	0.43	13.48	44.4761	105.0016947	105.001579	0.403870	105.064440	
2010	238	900	238.375000000	08/26/2010 9:00	08/26/2010 8:00	39.081	0.55547	0.395	16.57	0.432	13.39	44.5188	104.9886653	104.988550	0.390810	105.051380	
2010	238	1000	238.416666667	08/26/2010 10:00	08/26/2010 9:00	38.964	0.55380	0.396	16.56	0.433	13.31	44.5226	104.987498	104.987383	0.389640	105.050210	
2010	238	1100	238.458333333	08/26/2010 11:00	08/26/2010 10:00	38.226	0.54331	0.396	16.57	0.432	13.26	44.5468	104.9801353	104.980020	0.382260	105.042830	
2010	238	1200	238.500000000	08/26/2010 12:00	08/26/2010 11:00	37.895	0.53861	0.395	16.56	0.432	13.21	44.5576	104.976833	104.976718	0.378950	105.039520	
2010	238	1300	238.541666667	08/26/2010 13:00	08/26/2010 12:00	37.64	0.53499	0.396	16.55	0.433	13.18	44.5660	104.974289	104.974174	0.376400	105.036970	
2010	238	1400	238.583333333	08/26/2010 14:00	08/26/2010 13:00	37.374	0.53121	0.396	16.56	0.433	13.16	44.5747	104.9716352	104.971520	0.373740	105.034310	
2010	238	1500	238.625000000	08/26/2010 15:00	08/26/2010 14:00	37.025	0.52624	0.396	16.57	0.433	13.17	44.5861	104.9681534	104.968038	0.370250	105.030820	
2010	238	1600	238.666666667	08/26/2010 16:00	08/26/2010 15:00	37.358	0.53098	0.396	16.55	0.433	13.2	44.5752	104.9714756	104.971360	0.373580	105.034150	
2010	238	1700	238.708333333	08/26/2010 17:00	08/26/2010 16:00	38.235	0.54344	0.396	16.53	0.432	13.25	44.5465	104.980225	104.980110	0.382350	105.042920	
2010	238	1800	238.750000000	08/26/2010 18:00	08/26/2010 17:00	39.085	0.55552	0.395	16.56	0.432	13.33	44.5187	104.9887052	104.988590	0.390850	105.051420	
2010	238	1900	238.791666667	08/26/2010 19:00	08/26/2010 18:00	40.214	0.57157	0.394	16.57	0.43	13.18	44.4817	104.9999687	104.999853	0.402140	105.062710	
2010	238	2000	238.833333333	08/26/2010 20:00	08/26/2010 19:00	41.435	0.58893	0.393	16.54	0.429	13.13	44.4418	105.0121502	105.012035	0.414350	105.074920	
2010	238	2100	238.875000000	08/26/2010 21:00	08/26/2010 20:00	42.588	0.60531	0.393	16.55	0.429	13.1	44.4040	105.0236532	105.023538	0.425880	105.086450	
2010	238	2200	238.916666667	08/26/2010 22:00	08/26/2010 21:00	43.777	0.62221	0.393	16.53	0.43	13.07	44.3651	105.0355154	105.035400	0.437770	105.098340	
2010	238	2300	238.958333333	08/26/2010 23:00	08/26/2010 22:00	44.694	0.63525	0.393	16.54	0.43	13.05	44.3351	105.0446639	105.044549	0.446940	105.107510	
2010	238	2400	239.000000000	08/27/2010 0:00	08/26/2010 23:00	45.702	0.64957	0.393	16.51	0.43	13.03	44.3021	105.0547204	105.054605	0.457020	105.117590	
2010	239	100	239.041666667	08/27/2010 1:00	08/27/2010 0:00	46.588	0.66217	0.393	16.53	0.43	13.02	44.2731	105.0635596	105.063444	0.465880	105.126450	
2010	239	200	239.083333333	08/27/2010 2:00	08/27/2010 1:00	47.412	0.67388	0.394	16.55	0.43	13.01	44.2461	105.0717803	105.071665	0.474120	105.134690	
2010	239	300	239.125000000	08/27/2010 3:00	08/27/2010 2:00	48.312	0.68667	0.394	16.57	0.43	13	44.2167	105.0807593	105.080644	0.483120	105.143690	
2010	239	400	239.166666667	08/27/2010 4:00	08/27/2010 3:00	48.963	0.69592	0.394	16.57	0.43	12.99	44.1954	105.0872541	105.087139	0.489630	105.150200	
2010	239	500	239.208333333	08/27/2010 5:00	08/27/2010 4:00	49.305	0.70078	0.394	16.57	0.43	12.99	44.1842	105.0906661	105.090551	0.493050	105.153620	
2010	239	600	239.250000000	08/27/2010 6:00	08/27/2010 5:00	49.304	0.70077	0.394	16.57	0.431	13.14	44.1842	105.0906561	105.090541	0.493040	105.153610	
2010	239	700	239.291666667	08/27/2010 7:00	08/27/2010 6:00	49.115	0.69808	0.394	16.55	0.431	13.69	44.1904	105.0887705	105.088655	0.491150	105.151720	
2010	239	800	239.333333333	08/27/2010 8:00	08/27/2010 7:00	48.945	0.69567	0.394	16.56	0.431	13.63	44.1959	105.0870745	105.086959	0.489450	105.150020	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	239	900	239.375000000	08/27/2010 9:00	08/27/2010 8:00	48.22	0.68536	0.394	16.59	0.43	13.54	44.2197	105.0798414	105.079726	0.482200	105.142770	
2010	239	1000	239.416666667	08/27/2010 10:00	08/27/2010 9:00	47.815	0.67961	0.394	16.56	0.43	13.48	44.2329	105.0758009	105.075686	0.478150	105.138720	
2010	239	1100	239.458333333	08/27/2010 11:00	08/27/2010 10:00	47.084	0.66922	0.394	16.53	0.43	13.44	44.2569	105.068508	105.068393	0.470840	105.131410	
2010	239	1200	239.500000000	08/27/2010 12:00	08/27/2010 11:00	46.778	0.66487	0.394	16.55	0.43	13.41	44.2669	105.0654552	105.065340	0.467780	105.128350	
2010	239	1300	239.541666667	08/27/2010 13:00	08/27/2010 12:00	46.129	0.65564	0.394	16.55	0.43	13.43	44.2881	105.0589804	105.058865	0.461290	105.121860	
2010	239	1400	239.583333333	08/27/2010 14:00	08/27/2010 13:00	45.368	0.64483	0.394	16.55	0.43	13.4	44.3130	105.0513882	105.051273	0.453680	105.114250	
2010	239	1500	239.625000000	08/27/2010 15:00	08/27/2010 14:00	45.119	0.64129	0.393	16.56	0.429	13.38	44.3212	105.048904	105.048789	0.451190	105.111760	
2010	239	1600	239.666666667	08/27/2010 16:00	08/27/2010 15:00	44.742	0.63593	0.393	16.52	0.429	13.37	44.3335	105.0451428	105.045027	0.447420	105.107990	
2010	239	1700	239.708333333	08/27/2010 17:00	08/27/2010 16:00	45.201	0.64245	0.393	16.52	0.429	13.38	44.3185	105.0497221	105.049607	0.452010	105.112580	
2010	239	1800	239.750000000	08/27/2010 18:00	08/27/2010 17:00	45.719	0.64981	0.393	16.53	0.429	13.33	44.3015	105.05489	105.054775	0.457190	105.117760	
2010	239	1900	239.791666667	08/27/2010 19:00	08/27/2010 18:00	46.155	0.65601	0.393	16.55	0.429	13.24	44.2873	105.0592398	105.059124	0.461550	105.122120	
2010	239	2000	239.833333333	08/27/2010 20:00	08/27/2010 19:00	47.094	0.66936	0.393	16.54	0.43	13.19	44.2565	105.0686078	105.068492	0.470940	105.131510	
2010	239	2100	239.875000000	08/27/2010 21:00	08/27/2010 20:00	47.973	0.68185	0.393	16.57	0.429	13.16	44.2278	105.0773772	105.077262	0.479730	105.140300	
2010	239	2200	239.916666667	08/27/2010 22:00	08/27/2010 21:00	48.723	0.69251	0.394	16.54	0.43	13.13	44.2032	105.0848597	105.084744	0.487230	105.147800	
2010	239	2300	239.958333333	08/27/2010 23:00	08/27/2010 22:00	49.44	0.70270	0.394	16.54	0.43	13.11	44.1797	105.0920129	105.091898	0.494400	105.154970	
2010	239	2400	240.000000000	08/28/2010 0:00	08/27/2010 23:00	49.921	0.70954	0.394	16.57	0.43	13.1	44.1640	105.0968116	105.096696	0.499210	105.159780	
2010	240	100	240.041666667	08/28/2010 1:00	08/28/2010 0:00	50.251	0.71423	0.394	16.56	0.43	13.09	44.1532	105.1001039	105.099989	0.502510	105.163080	
2010	240	200	240.083333333	08/28/2010 2:00	08/28/2010 1:00	50.523	0.71809	0.394	16.57	0.43	13.07	44.1443	105.1028176	105.102702	0.505230	105.165800	
2010	240	300	240.125000000	08/28/2010 3:00	08/28/2010 2:00	50.728	0.72101	0.394	16.54	0.43	13.06	44.1376	105.1048628	105.104747	0.507280	105.167850	
2010	240	400	240.166666667	08/28/2010 4:00	08/28/2010 3:00	50.883	0.72321	0.394	16.55	0.43	13.05	44.1325	105.1064091	105.106294	0.508830	105.169400	
2010	240	500	240.208333333	08/28/2010 5:00	08/28/2010 4:00	50.951	0.72418	0.394	16.55	0.43	13.04	44.1303	105.1070875	105.106972	0.509510	105.170080	
2010	240	600	240.250000000	08/28/2010 6:00	08/28/2010 5:00	50.916	0.72368	0.394	16.57	0.43	13.03	44.1314	105.1067384	105.106623	0.509160	105.169730	
2010	240	700	240.291666667	08/28/2010 7:00	08/28/2010 6:00	50.635	0.71969	0.394	16.57	0.43	13.61	44.1406	105.1039349	105.103820	0.506350	105.166920	
2010	240	800	240.333333333	08/28/2010 8:00	08/28/2010 7:00	50.324	0.71527	0.394	16.53	0.43	13.6	44.1508	105.1008322	105.100717	0.503240	105.163810	
2010	240	900	240.375000000	08/28/2010 9:00	08/28/2010 8:00	49.493	0.70346	0.394	16.55	0.43	13.54	44.1780	105.0925417	105.092426	0.494930	105.155500	
2010	240	1000	240.416666667	08/28/2010 10:00	08/28/2010 9:00	49.475	0.70320	0.393	16.54	0.43	13.5	44.1786	105.0923621	105.092247	0.494750	105.155320	
2010	240	1100	240.458333333	08/28/2010 11:00	08/28/2010 10:00	48.176	0.68474	0.393	16.56	0.429	13.45	44.2211	105.0794025	105.079287	0.481760	105.142330	
2010	240	1200	240.500000000	08/28/2010 12:00	08/28/2010 11:00	46.869	0.66616	0.393	16.54	0.429	13.43	44.2639	105.066363	105.066248	0.468690	105.129260	
2010	240	1300	240.541666667	08/28/2010 13:00	08/28/2010 12:00	47.075	0.66909	0.392	16.57	0.428	13.39	44.2572	105.0684182	105.068303	0.470750	105.131320	
2010	240	1400	240.583333333	08/28/2010 14:00	08/28/2010 13:00	46.335	0.65857	0.393	16.59	0.429	13.35	44.2814	105.0610355	105.060920	0.463350	105.123920	
2010	240	1500	240.625000000	08/28/2010 15:00	08/28/2010 14:00	45.676	0.64920	0.392	16.57	0.428	13.35	44.3029	105.054461	105.054346	0.456760	105.117330	
2010	240	1600	240.666666667	08/28/2010 16:00	08/28/2010 15:00	44.744	0.63596	0.392	16.58	0.429	13.35	44.3335	105.0451628	105.045047	0.447440	105.108010	
2010	240	1700	240.708333333	08/28/2010 17:00	08/28/2010 16:00	44.568	0.63346	0.392	16.55	0.429	13.37	44.3392	105.0434069	105.043292	0.445680	105.106250	
2010	240	1800	240.750000000	08/28/2010 18:00	08/28/2010 17:00	44.423	0.63139	0.392	16.52	0.429	13.37	44.3440	105.0419603	105.041845	0.444230	105.104800	
2010	240	1900	240.791666667	08/28/2010 19:00	08/28/2010 18:00	43.95	0.62467	0.393	16.57	0.429	13.26	44.3594	105.0372413	105.037126	0.439500	105.100070	
2010	240	2000	240.833333333	08/28/2010 20:00	08/28/2010 19:00	43.761	0.62199	0.392	16.54	0.429	13.2	44.3656	105.0353558	105.035240	0.437610	105.098180	
2010	240	2100	240.875000000	08/28/2010 21:00	08/28/2010 20:00	43.989	0.62523	0.393	16.55	0.429	13.16	44.3582	105.0376304	105.037515	0.439890	105.100460	
2010	240	2200	240.916666667	08/28/2010 22:00	08/28/2010 21:00	44.246	0.62888	0.393	16.56	0.429	13.14	44.3498	105.0401944	105.040079	0.442460	105.103030	
2010	240	2300	240.958333333	08/28/2010 23:00	08/28/2010 22:00	44.46	0.63192	0.392	16.55	0.429	13.12	44.3428	105.0423294	105.042214	0.444600	105.105170	
2010	240	2400	241.000000000	08/29/2010 0:00	08/28/2010 23:00	44.462	0.63195	0.393	16.56	0.429	13.1	44.3427	105.0423494	105.042234	0.444620	105.105190	
2010	241	100	241.041666667	08/29/2010 1:00	08/29/2010 0:00	44.243	0.62884	0.393	16.56	0.429	13.09	44.3499	105.0401645	105.040049	0.442430	105.103000	
2010	241	200	241.083333333	08/29/2010 2:00	08/29/2010 1:00	43.803	0.62258	0.392	16.55	0.429	13.08	44.3643	105.0357748	105.035659	0.438030	105.098600	
2010	241	300	241.125000000	08/29/2010 3:00	08/29/2010 2:00	43.456	0.61765	0.392	16.56	0.429	13.06	44.3756	105.0323129	105.032198	0.434560	105.095130	
2010	241	400	241.166666667	08/29/2010 4:00	08/29/2010 3:00	42.999	0.61115	0.392	16.55	0.429	13.06	44.3906	105.0277536	105.027638	0.429990	105.090560	
2010	241	500	241.208333333	08/29/2010 5:00	08/29/2010 4:00	42.532	0.60452	0.392	16.56	0.428	13.04	44.4059	105.0230945	105.022979	0.425320	105.085890	
2010	241	600	241.250000000	08/29/2010 6:00	08/29/2010 5:00	41.946	0.59619	0.392	16.59	0.428	13.04	44.4250	105.0172482	105.017133	0.419460	105.080030	
2010	241	700	241.291666667	08/29/2010 7:00	08/29/2010 6:00	41.41	0.58857	0.394	16.56	0.43	13.63	44.4426	105.0119008	105.011785	0.414100	105.074670	
2010	241	800	241.333333333	08/29/2010 8:00	08/29/2010 7:00	40.917	0.58156	0.395	16.59	0.431	13.58	44.4587	105.0069823	105.006867	0.409170	105.069740	
2010	241	900	241.375000000	08/29/2010 9:00	08/29/2010 8:00	40.311	0.57295	0.395	16.58	0.432	13.52	44.4786	105.0009365	105.000821	0.403110	105.063680	
2010	241	1000	241.416666667	08/29/2010 10:00	08/29/2010 9:00	39.98	0.56824	0.395	16.58	0.432	13.46	44.4894	104.9976342	104.997519	0.399800	105.060370	
2010	241	1100	241.458333333	08/29/2010 11:00	08/29/2010 10:00	39.663	0.56374	0.396	16.58	0.432	13.41	44.4998	104.9944716	104.994356	0.396630	105.057200	
2010	241	1200	241.500000000	08/29/2010 12:00	08/29/2010 11:00	39.337	0.55911	0.395	16.58	0.432	13.39	44.5104	104.9912193	104.991104	0.393370	105.053940	
2010	241	1300	241.541666667	08/29/2010 13:00	08/29/2010 12:00	38.787	0.55129	0.396	16.57	0.432	13.39	44.5284	104.9857321	104.985617	0.387870	105.048440	
2010	241	1400	241.583333333	08/29/2010 14:00	08/29/2010 13:00	37.97	0.53968	0.395	16.55	0.432	13.37	44.5552	104.9775812	104.977466	0.379700	105.040270	
2010	241	1500	241.625000000	08/29/2010 15:00	08/29/2010 14:00	37.332	0.53061	0.395	16.57	0.432	13.34	44.5761	104.9712162	104.971101	0.373320	105.033890	
2010	241	1600	241.666666667	08/29/2010 16:00	08/29/2010 15:00	37.074	0.52694	0.395	16.56	0.432	13.35	44.5845	104.9686422	104.968527	0.370740	105.031310	
2010	241	1700	241.708333333	08/29/2010 17:00	08/29/2010 16:00	36.935	0.52497	0.395	16.6	0.432	13.37	44.5891	104.9672555	104.967140	0.369350	105.029920	
2010	241	1800	241.750000000	08/29/2010 18:00	08/29/2010 17:00	36.28	0.51566	0.395	16.56	0.432	13.34	44.6105	104.9607208	104.960605	0.362800	105.023370	
2010	241	1900	241.791666667	08/29/2010 19:00	08/29/2010 18:00	35.62	0.50628	0.395	16.57	0.432	13.23	44.6321	104.9541362	104.954021	0.356200	105.016770	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	241	2000	241.833333333	08/29/2010 20:00	08/29/2010 19:00	35.056	0.49826	0.395	16.58	0.432	13.19	44.6506	104.9485094	104.948394	0.350560	105.011130	
2010	241	2100	241.875000000	08/29/2010 21:00	08/29/2010 20:00	34.401	0.48895	0.395	16.58	0.431	13.16	44.6720	104.9419748	104.941859	0.344010	105.004580	
2010	241	2200	241.916666667	08/29/2010 22:00	08/29/2010 21:00	33.846	0.48106	0.395	16.57	0.432	13.12	44.6902	104.9364377	104.936322	0.338460	104.999030	
2010	241	2300	241.958333333	08/29/2010 23:00	08/29/2010 22:00	33.269	0.47286	0.395	16.53	0.432	13.11	44.7091	104.9306812	104.930566	0.332690	104.993260	
2010	241	2400	242.000000000	08/30/2010 0:00	08/29/2010 23:00	32.598	0.46332	0.395	16.53	0.432	13.09	44.7310	104.9239869	104.923872	0.325980	104.986550	
2010	242	100	242.041666667	08/30/2010 1:00	08/30/2010 0:00	32.072	0.45585	0.396	16.55	0.432	13.07	44.7482	104.9187392	104.918624	0.320720	104.981290	
2010	242	200	242.083333333	08/30/2010 2:00	08/30/2010 1:00	31.487	0.44753	0.396	16.52	0.432	13.07	44.7674	104.9129029	104.912788	0.314870	104.975440	
2010	242	300	242.125000000	08/30/2010 3:00	08/30/2010 2:00	30.832	0.43822	0.396	16.57	0.432	13.06	44.7888	104.9063683	104.906253	0.308320	104.968890	
2010	242	400	242.166666667	08/30/2010 4:00	08/30/2010 3:00	30.284	0.43043	0.396	16.58	0.432	13.04	44.8068	104.9009011	104.900786	0.302840	104.963410	
2010	242	500	242.208333333	08/30/2010 5:00	08/30/2010 4:00	29.673	0.42175	0.395	16.59	0.432	13.04	44.8268	104.8948054	104.894690	0.296730	104.957300	
2010	242	600	242.250000000	08/30/2010 6:00	08/30/2010 5:00	29.098	0.41358	0.396	16.6	0.432	13.03	44.8456	104.8890688	104.888953	0.290980	104.951550	
2010	242	700	242.291666667	08/30/2010 7:00	08/30/2010 6:00	28.497	0.40503	0.396	16.57	0.432	13.67	44.8652	104.8830729	104.882958	0.284970	104.945540	
2010	242	800	242.333333333	08/30/2010 8:00	08/30/2010 7:00	27.732	0.39416	0.395	16.58	0.432	13.66	44.8903	104.8754408	104.875325	0.277320	104.937890	
2010	242	900	242.375000000	08/30/2010 9:00	08/30/2010 8:00	27.21	0.38674	0.394	16.56	0.431	13.6	44.9074	104.870233	104.870118	0.272100	104.932670	
2010	242	1000	242.416666667	08/30/2010 10:00	08/30/2010 9:00	26.858	0.38174	0.394	16.56	0.43	13.53	44.9189	104.8667212	104.866606	0.268580	104.929150	
2010	242	1100	242.458333333	08/30/2010 11:00	08/30/2010 10:00	25.864	0.36761	0.394	16.55	0.43	13.47	44.9514	104.8568045	104.856689	0.258640	104.919210	
2010	242	1200	242.500000000	08/30/2010 12:00	08/30/2010 11:00	25.555	0.36322	0.394	16.52	0.43	13.45	44.9615	104.8537217	104.853606	0.255550	104.916120	
2010	242	1300	242.541666667	08/30/2010 13:00	08/30/2010 12:00	25.068	0.35630	0.393	16.57	0.43	13.43	44.9775	104.8488631	104.848748	0.250680	104.911250	
2010	242	1400	242.583333333	08/30/2010 14:00	08/30/2010 13:00	24.551	0.34895	0.393	16.57	0.429	13.41	44.9944	104.8437052	104.843590	0.245510	104.906080	
2010	242	1500	242.625000000	08/30/2010 15:00	08/30/2010 14:00	24.219	0.34423	0.393	16.57	0.429	13.37	45.0053	104.840393	104.840278	0.242190	104.902760	
2010	242	1600	242.666666667	08/30/2010 16:00	08/30/2010 15:00	24.098	0.34251	0.393	16.55	0.429	13.37	45.0092	104.8391858	104.839070	0.240980	104.901550	
2010	242	1700	242.708333333	08/30/2010 17:00	08/30/2010 16:00	24.32	0.34567	0.393	16.55	0.429	13.38	45.0020	104.8414006	104.841285	0.243200	104.903770	
2010	242	1800	242.750000000	08/30/2010 18:00	08/30/2010 17:00	25.24	0.35874	0.393	16.56	0.429	13.42	44.9719	104.8505791	104.850464	0.252400	104.912970	
2010	242	1900	242.791666667	08/30/2010 19:00	08/30/2010 18:00	25.763	0.36618	0.393	16.53	0.429	13.27	44.9547	104.8557968	104.855681	0.257630	104.918200	
2010	242	2000	242.833333333	08/30/2010 20:00	08/30/2010 19:00	26.511	0.37681	0.393	16.55	0.429	13.21	44.9303	104.8632593	104.863144	0.265110	104.925680	
2010	242	2100	242.875000000	08/30/2010 21:00	08/30/2010 20:00	27.155	0.38596	0.393	16.54	0.429	13.18	44.9092	104.8696843	104.869569	0.271550	104.932120	
2010	242	2200	242.916666667	08/30/2010 22:00	08/30/2010 21:00	27.632	0.39274	0.393	16.53	0.429	13.15	44.8936	104.8744431	104.874328	0.276320	104.936890	
2010	242	2300	242.958333333	08/30/2010 23:00	08/30/2010 22:00	27.813	0.39531	0.393	16.55	0.429	13.13	44.8876	104.8762489	104.876134	0.278130	104.938700	
2010	242	2400	243.000000000	08/31/2010 0:00	08/30/2010 23:00	27.651	0.39301	0.393	16.54	0.429	13.11	44.8929	104.8746327	104.874517	0.276510	104.937080	
2010	243	100	243.041666667	08/31/2010 1:00	08/31/2010 0:00	27.302	0.38805	0.393	16.55	0.429	13.09	44.9044	104.8711508	104.871035	0.273020	104.933590	
2010	243	200	243.083333333	08/31/2010 2:00	08/31/2010 1:00	26.976	0.38342	0.393	16.56	0.429	13.08	44.9150	104.8678985	104.867783	0.269760	104.930330	
2010	243	300	243.125000000	08/31/2010 3:00	08/31/2010 2:00	26.751	0.38022	0.393	16.57	0.429	13.07	44.9224	104.8656537	104.865538	0.267510	104.928080	
2010	243	400	243.166666667	08/31/2010 4:00	08/31/2010 3:00	26.541	0.37723	0.393	16.55	0.429	13.06	44.9293	104.8635586	104.863443	0.265410	104.925980	
2010	243	500	243.208333333	08/31/2010 5:00	08/31/2010 4:00	26.332	0.37426	0.393	16.57	0.429	13.05	44.9361	104.8614735	104.861358	0.263320	104.923890	
2010	243	600	243.250000000	08/31/2010 6:00	08/31/2010 5:00	26.1	0.37097	0.393	16.56	0.429	13.06	44.9437	104.859159	104.859044	0.261000	104.921570	
2010	243	700	243.291666667	08/31/2010 7:00	08/31/2010 6:00	25.623	0.36419	0.393	16.53	0.429	13.67	44.9593	104.8544001	104.854285	0.256230	104.916800	
2010	243	800	243.333333333	08/31/2010 8:00	08/31/2010 7:00	25.512	0.36261	0.393	16.55	0.429	13.64	44.9630	104.8532927	104.853177	0.255120	104.915690	
2010	243	900	243.375000000	08/31/2010 9:00	08/31/2010 8:00	24.779	0.35219	0.393	16.55	0.43	13.58	44.9869	104.8459799	104.845865	0.247790	104.908360	
2010	243	1000	243.416666667	08/31/2010 10:00	08/31/2010 9:00	24.724	0.35141	0.393	16.55	0.429	13.53	44.9887	104.8454312	104.845316	0.247240	104.907810	
2010	243	1100	243.458333333	08/31/2010 11:00	08/31/2010 10:00	24.26	0.34481	0.393	16.56	0.429	13.5	45.0039	104.840802	104.840687	0.242600	104.903170	
2010	243	1200	243.500000000	08/31/2010 12:00	08/31/2010 11:00	23.764	0.33776	0.393	16.53	0.429	13.47	45.0202	104.8358536	104.835738	0.237640	104.898210	
2010	243	1300	243.541666667	08/31/2010 13:00	08/31/2010 12:00	23.144	0.32895	0.393	16.53	0.429	13.48	45.0405	104.8296681	104.829553	0.231440	104.892010	
2010	243	1400	243.583333333	08/31/2010 14:00	08/31/2010 13:00	22.769	0.32362	0.393	16.54	0.429	13.46	45.0527	104.8259269	104.825812	0.227690	104.888260	
2010	243	1500	243.625000000	08/31/2010 15:00	08/31/2010 14:00	22.531	0.32024	0.392	16.56	0.429	13.46	45.0605	104.8235525	104.823437	0.225310	104.885880	
2010	243	1600	243.666666667	08/31/2010 16:00	08/31/2010 15:00	22.488	0.31963	0.393	16.53	0.429	13.53	45.0619	104.8231235	104.823008	0.224880	104.885450	
2010	243	1700	243.708333333	08/31/2010 17:00	08/31/2010 16:00	21.723	0.30875	0.392	16.56	0.429	13.48	45.0870	104.8154914	104.815376	0.217230	104.877800	
2010	243	1800	243.750000000	08/31/2010 18:00	08/31/2010 17:00	21.626	0.30738	0.392	16.54	0.429	13.34	45.0901	104.8145236	104.814408	0.216260	104.876830	
2010	243	1900	243.791666667	08/31/2010 19:00	08/31/2010 18:00	21.863	0.31074	0.393	16.56	0.429	13.29	45.0824	104.8168881	104.816773	0.218630	104.879200	
2010	243	2000	243.833333333	08/31/2010 20:00	08/31/2010 19:00	22.653	0.32197	0.392	16.55	0.429	13.24	45.0565	104.8247696	104.824654	0.226530	104.887100	
2010	243	2100	243.875000000	08/31/2010 21:00	08/31/2010 20:00	23.497	0.33397	0.393	16.54	0.429	13.21	45.0289	104.8331899	104.833075	0.234970	104.895540	
2010	243	2200	243.916666667	08/31/2010 22:00	08/31/2010 21:00	24.285	0.34517	0.392	16.54	0.429	13.18	45.0031	104.8410514	104.840936	0.242850	104.903420	
2010	243	2300	243.958333333	08/31/2010 23:00	08/31/2010 22:00	24.998	0.35530	0.392	16.54	0.429	13.16	44.9798	104.8481647	104.848049	0.249980	104.910550	
2010	243	2400	244.000000000	09/01/2010 0:00	08/31/2010 23:00	25.488	0.36227	0.392	16.56	0.428	13.15	44.9637	104.8530533	104.852938	0.254880	104.915450	
2010	244	100	244.041666667	09/01/2010 1:00	09/01/2010 0:00	25.731	0.36572	0.393	16.57	0.429	13.13	44.9558	104.8554776	104.855362	0.257310	104.917880	
2010	244	200	244.083333333	09/01/2010 2:00	09/01/2010 1:00	25.871	0.36771	0.393	16.54	0.429	13.12	44.9512	104.8568743	104.856759	0.258710	104.919280	
2010	244	300	244.125000000	09/01/2010 3:00	09/01/2010 2:00	26.105	0.37104	0.392	16.55	0.429	13.11	44.9435	104.8592088	104.859093	0.261050	104.921620	
2010	244	400	244.166666667	09/01/2010 4:00	09/01/2010 3:00	26.374	0.37486	0.392	16.54	0.429	13.09	44.9347	104.8618926	104.861777	0.263740	104.924310	
2010	244	500	244.208333333	09/01/2010 5:00	09/01/2010 4:00	26.423	0.37556	0.392	16.55	0.428	13.09	44.9331	104.8623814	104.862266	0.264230	104.924800	
2010	244	600	244.250000000	09/01/2010 6:00	09/01/2010 5:00	26.445	0.37587	0.393	16.54	0.429	13.08	44.9324	104.8626009	104.862486	0.264450	104.925020	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	244	700	244.291666667	09/01/2010 7:00	09/01/2010 6:00	26.221	0.37269	0.393	16.53	0.429	13.51	44.9397	104.8603661	104.860251	0.262210	104.922780	
2010	244	800	244.333333333	09/01/2010 8:00	09/01/2010 7:00	25.985	0.36933	0.392	16.56	0.429	13.57	44.9475	104.8580117	104.857896	0.259850	104.920420	
2010	244	900	244.375000000	09/01/2010 9:00	09/01/2010 8:00	25.274	0.35923	0.393	16.55	0.429	13.53	44.9707	104.8509183	104.850803	0.252740	104.913310	
2010	244	1000	244.416666667	09/01/2010 10:00	09/01/2010 9:00	25.325	0.35995	0.392	16.56	0.429	13.46	44.9691	104.8514271	104.851312	0.253250	104.913820	
2010	244	1100	244.458333333	09/01/2010 11:00	09/01/2010 10:00	24.766	0.35200	0.393	16.56	0.429	13.4	44.9874	104.8458502	104.845735	0.247660	104.908230	
2010	244	1200	244.500000000	09/01/2010 12:00	09/01/2010 11:00	24.621	0.34994	0.392	16.57	0.429	13.37	44.9921	104.8444036	104.844288	0.246210	104.906780	
2010	244	1300	244.541666667	09/01/2010 13:00	09/01/2010 12:00	23.667	0.33638	0.392	16.55	0.429	13.35	45.0233	104.8348859	104.834771	0.236670	104.897240	
2010	244	1400	244.583333333	09/01/2010 14:00	09/01/2010 13:00	23.673	0.33647	0.392	16.56	0.428	13.35	45.0231	104.8349457	104.834830	0.236730	104.897300	
2010	244	1500	244.625000000	09/01/2010 15:00	09/01/2010 14:00	25.044	0.35596	0.392	16.56	0.428	13.35	44.9783	104.8486237	104.848508	0.250440	104.911010	
2010	244	1600	244.666666667	09/01/2010 16:00	09/01/2010 15:00	24.796	0.35243	0.392	16.54	0.428	13.32	44.9864	104.8461495	104.846034	0.247960	104.908530	
2010	244	1700	244.708333333	09/01/2010 17:00	09/01/2010 16:00	26.115	0.37118	0.392	16.55	0.429	13.31	44.9432	104.8593086	104.859193	0.261150	104.921720	
2010	244	1800	244.750000000	09/01/2010 18:00	09/01/2010 17:00	26.853	0.38167	0.392	16.52	0.429	13.33	44.9191	104.8666713	104.866556	0.268530	104.929100	
2010	244	1900	244.791666667	09/01/2010 19:00	09/01/2010 18:00	27.367	0.38897	0.392	16.53	0.429	13.21	44.9022	104.8717993	104.871684	0.273670	104.934240	
2010	244	2000	244.833333333	09/01/2010 20:00	09/01/2010 19:00	28.184	0.40059	0.392	16.52	0.429	13.17	44.8755	104.8799502	104.879835	0.281840	104.942410	
2010	244	2100	244.875000000	09/01/2010 21:00	09/01/2010 20:00	28.849	0.41004	0.392	16.55	0.428	13.14	44.8537	104.8865846	104.886469	0.288490	104.949060	
2010	244	2200	244.916666667	09/01/2010 22:00	09/01/2010 21:00	29.257	0.41584	0.392	16.55	0.428	13.12	44.8404	104.8906551	104.890540	0.292570	104.953140	
2010	244	2300	244.958333333	09/01/2010 23:00	09/01/2010 22:00	29.563	0.42019	0.392	16.54	0.429	13.1	44.8304	104.8937079	104.893593	0.295630	104.956200	
2010	244	2400	245.000000000	09/02/2010 0:00	09/01/2010 23:00	29.875	0.42462	0.393	16.54	0.429	13.09	44.8201	104.8968206	104.896705	0.298750	104.959320	
2010	245	100	245.041666667	09/02/2010 1:00	09/02/2010 0:00	29.884	0.42475	0.393	16.54	0.429	13.07	44.8198	104.8969104	104.896795	0.298840	104.959410	
2010	245	200	245.083333333	09/02/2010 2:00	09/02/2010 1:00	29.785	0.42334	0.392	16.54	0.429	13.06	44.8231	104.8959227	104.895807	0.297850	104.958420	
2010	245	300	245.125000000	09/02/2010 3:00	09/02/2010 2:00	29.646	0.42137	0.392	16.55	0.429	13.04	44.8276	104.894536	104.894421	0.296460	104.957030	
2010	245	400	245.166666667	09/02/2010 4:00	09/02/2010 3:00	29.514	0.41949	0.392	16.54	0.428	13.03	44.8320	104.8932191	104.893104	0.295140	104.955710	
2010	245	500	245.208333333	09/02/2010 5:00	09/02/2010 4:00	29.469	0.41885	0.392	16.53	0.428	13.02	44.8334	104.8927701	104.892655	0.294690	104.955260	
2010	245	600	245.250000000	09/02/2010 6:00	09/02/2010 5:00	28.957	0.41157	0.392	16.55	0.429	13.02	44.8502	104.8876621	104.887547	0.289570	104.950140	
2010	245	700	245.291666667	09/02/2010 7:00	09/02/2010 6:00	28.764	0.40883	0.392	16.53	0.429	13.68	44.8565	104.8857366	104.885621	0.287640	104.948210	
2010	245	800	245.333333333	09/02/2010 8:00	09/02/2010 7:00	28.847	0.41001	0.392	16.54	0.429	13.64	44.8538	104.8865647	104.886449	0.288470	104.949040	
2010	245	900	245.375000000	09/02/2010 9:00	09/02/2010 8:00	28.367	0.40319	0.392	16.55	0.429	13.58	44.8695	104.8817759	104.881661	0.283670	104.944240	
2010	245	1000	245.416666667	09/02/2010 10:00	09/02/2010 9:00	28.567	0.40603	0.392	16.55	0.429	13.52	44.8630	104.8837712	104.883656	0.285670	104.946240	
2010	245	1100	245.458333333	09/02/2010 11:00	09/02/2010 10:00	28.031	0.39841	0.392	16.55	0.429	13.46	44.8805	104.8784238	104.878308	0.280310	104.940880	
2010	245	1200	245.500000000	09/02/2010 12:00	09/02/2010 11:00	27.82	0.39541	0.392	16.53	0.429	13.42	44.8874	104.8763187	104.876203	0.278200	104.938770	
2010	245	1300	245.541666667	09/02/2010 13:00	09/02/2010 12:00	27.291	0.38789	0.392	16.57	0.428	13.39	44.9047	104.8710411	104.870926	0.272910	104.933480	
2010	245	1400	245.583333333	09/02/2010 14:00	09/02/2010 13:00	27.456	0.39024	0.392	16.53	0.429	13.35	44.8993	104.8726872	104.872572	0.274560	104.935130	
2010	245	1500	245.625000000	09/02/2010 15:00	09/02/2010 14:00	26.935	0.38283	0.392	16.54	0.429	13.31	44.9164	104.8674894	104.867374	0.269350	104.929920	
2010	245	1600	245.666666667	09/02/2010 16:00	09/02/2010 15:00	26.931	0.38278	0.392	16.55	0.428	13.29	44.9165	104.8674495	104.867334	0.269310	104.929880	
2010	245	1700	245.708333333	09/02/2010 17:00	09/02/2010 16:00	26.825	0.38127	0.392	16.56	0.428	13.29	44.9200	104.866392	104.866277	0.268250	104.928820	
2010	245	1800	245.750000000	09/02/2010 18:00	09/02/2010 17:00	27.389	0.38929	0.392	16.54	0.428	13.31	44.9015	104.8720188	104.871903	0.273890	104.934460	
2010	245	1900	245.791666667	09/02/2010 19:00	09/02/2010 18:00	27.667	0.39324	0.392	16.52	0.428	13.19	44.8924	104.8747923	104.874677	0.276670	104.937240	
2010	245	2000	245.833333333	09/02/2010 20:00	09/02/2010 19:00	28.22	0.40110	0.392	16.55	0.428	13.15	44.8743	104.8803094	104.880194	0.282200	104.942770	
2010	245	2100	245.875000000	09/02/2010 21:00	09/02/2010 20:00	28.298	0.40221	0.392	16.54	0.428	13.12	44.8718	104.8810875	104.880972	0.282980	104.943550	
2010	245	2200	245.916666667	09/02/2010 22:00	09/02/2010 21:00	28.722	0.40823	0.392	16.52	0.428	13.1	44.8579	104.8853176	104.885202	0.287220	104.947790	
2010	245	2300	245.958333333	09/02/2010 23:00	09/02/2010 22:00	28.884	0.41053	0.392	16.54	0.428	13.09	44.8526	104.8869338	104.886818	0.288840	104.949410	
2010	245	2400	246.000000000	09/03/2010 0:00	09/02/2010 23:00	28.892	0.41065	0.392	16.54	0.428	13.07	44.8523	104.8870136	104.886898	0.288920	104.949490	
2010	246	100	246.041666667	09/03/2010 1:00	09/03/2010 0:00	28.699	0.40791	0.392	16.54	0.428	13.06	44.8586	104.8850882	104.884973	0.286990	104.947560	
2010	246	200	246.083333333	09/03/2010 2:00	09/03/2010 1:00	28.633	0.40697	0.392	16.54	0.428	13.05	44.8608	104.8844297	104.884314	0.286330	104.946900	
2010	246	300	246.125000000	09/03/2010 3:00	09/03/2010 2:00	28.508	0.40519	0.392	16.54	0.428	13.04	44.8649	104.8831826	104.883067	0.285080	104.945650	
2010	246	400	246.166666667	09/03/2010 4:00	09/03/2010 3:00	28.475	0.40472	0.392	16.54	0.428	13.03	44.8660	104.8828534	104.882738	0.284750	104.945320	
2010	246	500	246.208333333	09/03/2010 5:00	09/03/2010 4:00	28.456	0.40445	0.392	16.54	0.428	13.03	44.8666	104.8826638	104.882548	0.284560	104.945130	
2010	246	600	246.250000000	09/03/2010 6:00	09/03/2010 5:00	28.073	0.39901	0.392	16.52	0.429	13.02	44.8791	104.8788428	104.878727	0.280730	104.941300	
2010	246	700	246.291666667	09/03/2010 7:00	09/03/2010 6:00	27.989	0.39781	0.392	16.56	0.428	13.5	44.8819	104.8780048	104.877889	0.279890	104.940460	
2010	246	800	246.333333333	09/03/2010 8:00	09/03/2010 7:00	27.671	0.39329	0.392	16.55	0.428	13.54	44.8923	104.8748322	104.874717	0.276710	104.937280	
2010	246	900	246.375000000	09/03/2010 9:00	09/03/2010 8:00	27.168	0.38614	0.392	16.53	0.428	13.49	44.9087	104.869814	104.869699	0.271680	104.932250	
2010	246	1000	246.416666667	09/03/2010 10:00	09/03/2010 9:00	27.23	0.38703	0.392	16.54	0.428	13.43	44.9067	104.8704325	104.870317	0.272300	104.932870	
2010	246	1100	246.458333333	09/03/2010 11:00	09/03/2010 10:00	26.518	0.37691	0.392	16.55	0.428	13.36	44.9300	104.8633292	104.863214	0.265180	104.925750	
2010	246	1200	246.500000000	09/03/2010 12:00	09/03/2010 11:00	26.531	0.37709	0.392	16.55	0.428	13.32	44.9296	104.8634589	104.863344	0.265310	104.925880	
2010	246	1300	246.541666667	09/03/2010 13:00	09/03/2010 12:00	25.964	0.36903	0.392	16.53	0.428	13.31	44.9482	104.8578021	104.857687	0.259640	104.920210	
2010	246	1400	246.583333333	09/03/2010 14:00	09/03/2010 13:00	25.923	0.36845	0.392	16.57	0.428	13.28	44.9495	104.8573931	104.857278	0.259230	104.919800	
2010	246	1500	246.625000000	09/03/2010 15:00	09/03/2010 14:00	26.48	0.37637	0.392	16.54	0.428	13.27	44.9313	104.8629501	104.862835	0.264800	104.925370	
2010	246	1600	246.666666667	09/03/2010 16:00	09/03/2010 15:00	26.705	0.37956	0.392	16.55	0.428	13.29	44.9239	104.8651948	104.865079	0.267050	104.927620	
2010	246	1700	246.708333333	09/03/2010 17:00	09/03/2010 16:00	26.35	0.37452	0.392	16.51	0.428	13.32	44.9355	104.8616531	104.861538	0.263500	104.924070	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	246	1800	246.750000000	09/03/2010 18:00	09/03/2010 17:00	26.482	0.37639	0.392	16.54	0.428	13.3	44.9312	104.86297	104.862855	0.264820	104.925390	
2010	246	1900	246.791666667	09/03/2010 19:00	09/03/2010 18:00	26.568	0.37762	0.392	16.54	0.428	13.19	44.9284	104.863828	104.863713	0.265680	104.926250	
2010	246	2000	246.833333333	09/03/2010 20:00	09/03/2010 19:00	26.658	0.37890	0.392	16.53	0.428	13.15	44.9254	104.8647259	104.864611	0.266580	104.927150	
2010	246	2100	246.875000000	09/03/2010 21:00	09/03/2010 20:00	26.791	0.38079	0.392	16.56	0.428	13.11	44.9211	104.8660528	104.865937	0.267910	104.928480	
2010	246	2200	246.916666667	09/03/2010 22:00	09/03/2010 21:00	27.02	0.38404	0.392	16.54	0.428	13.1	44.9136	104.8683374	104.868222	0.270200	104.930770	
2010	246	2300	246.958333333	09/03/2010 23:00	09/03/2010 22:00	27.397	0.38940	0.391	16.54	0.428	13.08	44.9013	104.8720986	104.871983	0.273970	104.934540	
2010	246	2400	247.000000000	09/04/2010 0:00	09/03/2010 23:00	27.68	0.39342	0.392	16.55	0.428	13.06	44.8920	104.874922	104.874807	0.276800	104.937370	
2010	247	100	247.041666667	09/04/2010 1:00	09/04/2010 0:00	27.968	0.39752	0.392	16.54	0.428	13.05	44.8826	104.8777953	104.877680	0.279680	104.940250	
2010	247	200	247.083333333	09/04/2010 2:00	09/04/2010 1:00	28.005	0.39804	0.391	16.54	0.428	13.04	44.8814	104.8781644	104.878049	0.280050	104.940620	
2010	247	300	247.125000000	09/04/2010 3:00	09/04/2010 2:00	27.974	0.39760	0.391	16.52	0.428	13.03	44.8824	104.8778551	104.877740	0.279740	104.940310	
2010	247	400	247.166666667	09/04/2010 4:00	09/04/2010 3:00	27.952	0.39729	0.391	16.53	0.428	13.03	44.8831	104.8776356	104.877520	0.279520	104.940090	
2010	247	500	247.208333333	09/04/2010 5:00	09/04/2010 4:00	27.896	0.39649	0.391	16.53	0.428	13.02	44.8849	104.8770769	104.876962	0.278960	104.939530	
2010	247	600	247.250000000	09/04/2010 6:00	09/04/2010 5:00	27.476	0.39052	0.392	16.54	0.428	13.02	44.8987	104.8728868	104.872771	0.274760	104.935330	
2010	247	700	247.291666667	09/04/2010 7:00	09/04/2010 6:00	27.251	0.38732	0.391	16.56	0.428	13.4	44.9060	104.870642	104.870527	0.272510	104.933080	
2010	247	800	247.333333333	09/04/2010 8:00	09/04/2010 7:00	27.273	0.38764	0.392	16.53	0.428	13.47	44.9053	104.8708615	104.870746	0.272730	104.933300	
2010	247	900	247.375000000	09/04/2010 9:00	09/04/2010 8:00	26.908	0.38245	0.391	16.54	0.428	13.41	44.9173	104.8672201	104.867105	0.269080	104.929650	
2010	247	1000	247.416666667	09/04/2010 10:00	09/04/2010 9:00	27.288	0.38785	0.392	16.52	0.428	13.35	44.9048	104.8710112	104.870896	0.272880	104.933450	
2010	247	1100	247.458333333	09/04/2010 11:00	09/04/2010 10:00	26.344	0.37443	0.391	16.54	0.428	13.31	44.9357	104.8615933	104.861478	0.263440	104.924010	
2010	247	1200	247.500000000	09/04/2010 12:00	09/04/2010 11:00	26.689	0.37934	0.392	16.55	0.428	13.29	44.9244	104.8650352	104.864920	0.266890	104.927460	
2010	247	1300	247.541666667	09/04/2010 13:00	09/04/2010 12:00	26.558	0.37747	0.391	16.56	0.428	13.29	44.9287	104.8637282	104.863613	0.265580	104.926150	
2010	247	1400	247.583333333	09/04/2010 14:00	09/04/2010 13:00	25.969	0.36910	0.391	16.56	0.427	13.27	44.9480	104.857852	104.857737	0.259690	104.920260	
2010	247	1500	247.625000000	09/04/2010 15:00	09/04/2010 14:00	26.013	0.36973	0.392	16.55	0.428	13.27	44.9466	104.858291	104.858176	0.260130	104.920700	
2010	247	1600	247.666666667	09/04/2010 16:00	09/04/2010 15:00	25.873	0.36774	0.392	16.54	0.428	13.27	44.9511	104.8568943	104.856779	0.258730	104.919300	
2010	247	1700	247.708333333	09/04/2010 17:00	09/04/2010 16:00	25.33	0.36002	0.392	16.54	0.428	13.31	44.9689	104.851477	104.851362	0.253300	104.913870	
2010	247	1800	247.750000000	09/04/2010 18:00	09/04/2010 17:00	26.176	0.37205	0.391	16.51	0.428	13.35	44.9412	104.8599172	104.859802	0.261760	104.922330	
2010	247	1900	247.791666667	09/04/2010 19:00	09/04/2010 18:00	25.768	0.36625	0.392	16.53	0.428	13.2	44.9546	104.8558467	104.855731	0.257680	104.918250	
2010	247	2000	247.833333333	09/04/2010 20:00	09/04/2010 19:00	25.299	0.35958	0.392	16.54	0.428	13.15	44.9699	104.8511677	104.851052	0.252990	104.913560	
2010	247	2100	247.875000000	09/04/2010 21:00	09/04/2010 20:00	25.129	0.35716	0.391	16.53	0.427	13.12	44.9755	104.8494717	104.849356	0.251290	104.911860	
2010	247	2200	247.916666667	09/04/2010 22:00	09/04/2010 21:00	24.888	0.35374	0.392	16.54	0.428	13.08	44.9834	104.8470673	104.846952	0.248880	104.909450	
2010	247	2300	247.958333333	09/04/2010 23:00	09/04/2010 22:00	24.88	0.35363	0.391	16.52	0.428	13.07	44.9836	104.8469875	104.846872	0.248800	104.909370	
2010	247	2400	248.000000000	09/05/2010 0:00	09/04/2010 23:00	24.628	0.35004	0.391	16.54	0.427	13.06	44.9919	104.8444734	104.844358	0.246280	104.906850	
2010	248	100	248.041666667	09/05/2010 1:00	09/05/2010 0:00	24.448	0.34748	0.391	16.53	0.427	13.04	44.9978	104.8426776	104.842562	0.244480	104.905050	
2010	248	200	248.083333333	09/05/2010 2:00	09/05/2010 1:00	24.391	0.34667	0.391	16.53	0.427	13.03	44.9996	104.8421089	104.841994	0.243910	104.904480	
2010	248	300	248.125000000	09/05/2010 3:00	09/05/2010 2:00	24.276	0.34504	0.391	16.52	0.428	13.02	45.0034	104.8409616	104.840846	0.242760	104.903330	
2010	248	400	248.166666667	09/05/2010 4:00	09/05/2010 3:00	24.446	0.34746	0.391	16.53	0.428	13.01	44.9978	104.8426577	104.842542	0.244460	104.905030	
2010	248	500	248.208333333	09/05/2010 5:00	09/05/2010 4:00	24.717	0.35131	0.391	16.55	0.427	13	44.9890	104.8453613	104.845246	0.247170	104.907740	
2010	248	600	248.250000000	09/05/2010 6:00	09/05/2010 5:00	24.752	0.35181	0.392	16.53	0.428	12.99	44.9878	104.8457105	104.845595	0.247520	104.908090	
2010	248	700	248.291666667	09/05/2010 7:00	09/05/2010 6:00	24.658	0.35047	0.391	16.54	0.427	13.68	44.9909	104.8447727	104.844657	0.246580	104.907150	
2010	248	800	248.333333333	09/05/2010 8:00	09/05/2010 7:00	24.824	0.35283	0.391	16.52	0.427	13.64	44.9855	104.8464288	104.846313	0.248240	104.908810	
2010	248	900	248.375000000	09/05/2010 9:00	09/05/2010 8:00	24.405	0.34687	0.391	16.55	0.427	13.58	44.9992	104.8422486	104.842133	0.244050	104.904620	
2010	248	1000	248.416666667	09/05/2010 10:00	09/05/2010 9:00	24.675	0.35071	0.391	16.54	0.427	13.51	44.9903	104.8449423	104.844827	0.246750	104.907320	
2010	248	1100	248.458333333	09/05/2010 11:00	09/05/2010 10:00	23.355	0.33195	0.391	16.53	0.427	13.47	45.0336	104.8317732	104.831658	0.233550	104.894120	
2010	248	1200	248.500000000	09/05/2010 12:00	09/05/2010 11:00	24.32	0.34567	0.391	16.56	0.427	13.45	45.0020	104.8414006	104.841285	0.243200	104.903770	
2010	248	1300	248.541666667	09/05/2010 13:00	09/05/2010 12:00	23.756	0.33765	0.391	16.53	0.428	13.44	45.0204	104.8357738	104.835658	0.237560	104.898130	
2010	248	1400	248.583333333	09/05/2010 14:00	09/05/2010 13:00	24.094	0.34245	0.391	16.54	0.427	13.43	45.0094	104.8391459	104.839031	0.240940	104.901510	
2010	248	1500	248.625000000	09/05/2010 15:00	09/05/2010 14:00	23.755	0.33764	0.391	16.54	0.427	13.4	45.0205	104.8357638	104.835648	0.237550	104.898120	
2010	248	1600	248.666666667	09/05/2010 16:00	09/05/2010 15:00	22.767	0.32359	0.391	16.55	0.427	13.39	45.0528	104.8259069	104.825792	0.227670	104.888240	
2010	248	1700	248.708333333	09/05/2010 17:00	09/05/2010 16:00	22.572	0.32082	0.391	16.53	0.427	13.42	45.0592	104.8239615	104.823846	0.225720	104.886290	
2010	248	1800	248.750000000	09/05/2010 18:00	09/05/2010 17:00	23.486	0.33381	0.391	16.54	0.427	13.36	45.0293	104.8330801	104.832965	0.234860	104.895430	
2010	248	1900	248.791666667	09/05/2010 19:00	09/05/2010 18:00	23.144	0.32895	0.391	16.53	0.427	13.26	45.0405	104.8296681	104.829553	0.231440	104.892010	
2010	248	2000	248.833333333	09/05/2010 20:00	09/05/2010 19:00	22.929	0.32590	0.391	16.53	0.427	13.2	45.0475	104.8275232	104.827408	0.229290	104.889860	
2010	248	2100	248.875000000	09/05/2010 21:00	09/05/2010 20:00	22.815	0.32427	0.391	16.54	0.427	13.17	45.0512	104.8263858	104.826270	0.228150	104.888720	
2010	248	2200	248.916666667	09/05/2010 22:00	09/05/2010 21:00	22.658	0.32204	0.391	16.53	0.427	13.14	45.0564	104.8248195	104.824704	0.226580	104.887150	
2010	248	2300	248.958333333	09/05/2010 23:00	09/05/2010 22:00	22.5	0.31980	0.391	16.52	0.427	13.12	45.0615	104.8232432	104.823128	0.225000	104.885570	
2010	248	2400	249.000000000	09/06/2010 0:00	09/05/2010 23:00	22.338	0.31750	0.391	16.53	0.427	13.09	45.0668	104.821627	104.821512	0.223380	104.883950	
2010	249	100	249.041666667	09/06/2010 1:00	09/06/2010 0:00	22.329	0.31737	0.391	16.54	0.427	13.08	45.0671	104.8215372	104.821422	0.223290	104.883860	
2010	249	200	249.083333333	09/06/2010 2:00	09/06/2010 1:00	22.214	0.31573	0.391	16.53	0.427	13.07	45.0709	104.8203899	104.820275	0.222140	104.882710	
2010	249	300	249.125000000	09/06/2010 3:00	09/06/2010 2:00	22.089	0.31396	0.391	16.53	0.427	13.06	45.0750	104.8191428	104.819027	0.220890	104.881460	
2010	249	400	249.166666667	09/06/2010 4:00	09/06/2010 3:00	21.925	0.31162	0.391	16.55	0.427	13.04	45.0804	104.8175066	104.817391	0.219250	104.879820	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	249	500	249.208333333	09/06/2010 5:00	09/06/2010 4:00	21.879	0.31097	0.391	16.54	0.427	13.03	45.0819	104.8170477	104.816932	0.218790	104.879360	
2010	249	600	249.250000000	09/06/2010 6:00	09/06/2010 5:00	21.807	0.30995	0.391	16.53	0.427	13.02	45.0842	104.8163294	104.816214	0.218070	104.878640	
2010	249	700	249.291666667	09/06/2010 7:00	09/06/2010 6:00	21.653	0.30776	0.391	16.53	0.427	13.7	45.0893	104.814793	104.814678	0.216530	104.877100	
2010	249	800	249.333333333	09/06/2010 8:00	09/06/2010 7:00	21.131	0.30034	0.391	16.52	0.427	13.67	45.1063	104.8095852	104.809470	0.211310	104.871880	
2010	249	900	249.375000000	09/06/2010 9:00	09/06/2010 8:00	20.951	0.29778	0.391	16.53	0.427	13.62	45.1122	104.8077894	104.807674	0.209510	104.870080	
2010	249	1000	249.416666667	09/06/2010 10:00	09/06/2010 9:00	21.038	0.29902	0.391	16.53	0.427	13.57	45.1094	104.8086574	104.808542	0.210380	104.870950	
2010	249	1100	249.458333333	09/06/2010 11:00	09/06/2010 10:00	20.55	0.29208	0.391	16.54	0.427	13.5	45.1254	104.8037888	104.803673	0.205500	104.866070	
2010	249	1200	249.500000000	09/06/2010 12:00	09/06/2010 11:00	20.766	0.29515	0.391	16.55	0.427	13.46	45.1183	104.8059438	104.805828	0.207660	104.868230	
2010	249	1300	249.541666667	09/06/2010 13:00	09/06/2010 12:00	21.134	0.30038	0.391	16.51	0.427	13.45	45.1062	104.8096151	104.809500	0.211340	104.871910	
2010	249	1400	249.583333333	09/06/2010 14:00	09/06/2010 13:00	20.874	0.29669	0.391	16.54	0.427	13.42	45.1148	104.8070212	104.806906	0.208740	104.869310	
2010	249	1500	249.625000000	09/06/2010 15:00	09/06/2010 14:00	20.347	0.28920	0.391	16.55	0.427	13.4	45.1320	104.8017636	104.801648	0.203470	104.864040	
2010	249	1600	249.666666667	09/06/2010 16:00	09/06/2010 15:00	20.511	0.29153	0.391	16.53	0.427	13.41	45.1266	104.8033997	104.803284	0.205110	104.865680	
2010	249	1700	249.708333333	09/06/2010 17:00	09/06/2010 16:00	21.037	0.29900	0.391	16.53	0.427	13.41	45.1094	104.8086474	104.808532	0.210370	104.870940	
2010	249	1800	249.750000000	09/06/2010 18:00	09/06/2010 17:00	21.156	0.30070	0.391	16.53	0.427	13.35	45.1055	104.8098346	104.809719	0.211560	104.872130	
2010	249	1900	249.791666667	09/06/2010 19:00	09/06/2010 18:00	20.989	0.29832	0.391	16.54	0.427	13.26	45.1110	104.8081685	104.808053	0.209890	104.870460	
2010	249	2000	249.833333333	09/06/2010 20:00	09/06/2010 19:00	20.979	0.29818	0.391	16.53	0.427	13.21	45.1113	104.8080688	104.807953	0.209790	104.870360	
2010	249	2100	249.875000000	09/06/2010 21:00	09/06/2010 20:00	21.008	0.29859	0.391	16.53	0.427	13.17	45.1104	104.8083581	104.808243	0.210080	104.870650	
2010	249	2200	249.916666667	09/06/2010 22:00	09/06/2010 21:00	20.998	0.29845	0.391	16.54	0.427	13.15	45.1107	104.8082583	104.808143	0.209980	104.870550	
2010	249	2300	249.958333333	09/06/2010 23:00	09/06/2010 22:00	20.968	0.29802	0.391	16.52	0.427	13.13	45.1117	104.807959	104.807844	0.209680	104.870250	
2010	249	2400	250.000000000	09/07/2010 0:00	09/06/2010 23:00	20.818	0.29589	0.391	16.54	0.427	13.1	45.1166	104.8064625	104.806347	0.208180	104.868750	
2010	250	100	250.041666667	09/07/2010 1:00	09/07/2010 0:00	20.938	0.29760	0.391	16.52	0.427	13.09	45.1127	104.8076597	104.807544	0.209380	104.869950	
2010	250	200	250.083333333	09/07/2010 2:00	09/07/2010 1:00	20.963	0.29795	0.39	16.53	0.427	13.08	45.1118	104.8079091	104.807794	0.209630	104.870200	
2010	250	300	250.125000000	09/07/2010 3:00	09/07/2010 2:00	20.989	0.29832	0.391	16.53	0.427	13.07	45.1110	104.8081685	104.808053	0.209890	104.870460	
2010	250	400	250.166666667	09/07/2010 4:00	09/07/2010 3:00	21.388	0.30399	0.391	16.54	0.427	13.05	45.0979	104.8121492	104.812034	0.213880	104.874450	
2010	250	500	250.208333333	09/07/2010 5:00	09/07/2010 4:00	21.963	0.31217	0.39	16.54	0.426	13.05	45.0791	104.8178858	104.817770	0.219630	104.880200	
2010	250	600	250.250000000	09/07/2010 6:00	09/07/2010 5:00	22.478	0.31948	0.39	16.52	0.427	13.04	45.0623	104.8230237	104.822908	0.224780	104.885350	
2010	250	700	250.291666667	09/07/2010 7:00	09/07/2010 6:00	22.854	0.32483	0.39	16.53	0.426	13.14	45.0500	104.8267749	104.826660	0.228540	104.889110	
2010	250	800	250.333333333	09/07/2010 8:00	09/07/2010 7:00	23.015	0.32712	0.39	16.54	0.426	13.64	45.0447	104.8283811	104.828266	0.230150	104.890720	
2010	250	900	250.375000000	09/07/2010 9:00	09/07/2010 8:00	23.046	0.32756	0.39	16.53	0.427	13.63	45.0437	104.8286904	104.828575	0.230460	104.891030	
2010	250	1000	250.416666667	09/07/2010 10:00	09/07/2010 9:00	22.996	0.32685	0.39	16.53	0.426	13.59	45.0453	104.8281916	104.828076	0.229960	104.890530	
2010	250	1100	250.458333333	09/07/2010 11:00	09/07/2010 10:00	22.979	0.32661	0.39	16.53	0.426	13.57	45.0459	104.828022	104.827907	0.229790	104.890360	
2010	250	1200	250.500000000	09/07/2010 12:00	09/07/2010 11:00	22.674	0.32227	0.39	16.53	0.427	13.57	45.0558	104.8249791	104.824864	0.226740	104.887310	
2010	250	1300	250.541666667	09/07/2010 13:00	09/07/2010 12:00	23.093	0.32823	0.39	16.54	0.426	13.55	45.0421	104.8291593	104.829044	0.230930	104.891500	
2010	250	1400	250.583333333	09/07/2010 14:00	09/07/2010 13:00	22.833	0.32453	0.39	16.53	0.426	13.53	45.0506	104.8265654	104.826450	0.228330	104.888900	
2010	250	1500	250.625000000	09/07/2010 15:00	09/07/2010 14:00	23.298	0.33114	0.39	16.53	0.426	13.53	45.0354	104.8312045	104.831089	0.232980	104.893550	
2010	250	1600	250.666666667	09/07/2010 16:00	09/07/2010 15:00	23.263	0.33064	0.39	16.51	0.426	13.53	45.0366	104.8308553	104.830740	0.232630	104.893200	
2010	250	1700	250.708333333	09/07/2010 17:00	09/07/2010 16:00	24	0.34112	0.39	16.53	0.426	13.53	45.0124	104.8382081	104.838093	0.240000	104.900570	
2010	250	1800	250.750000000	09/07/2010 18:00	09/07/2010 17:00	24.928	0.35431	0.39	16.54	0.426	13.38	44.9821	104.8474664	104.847351	0.249280	104.909850	
2010	250	1900	250.791666667	09/07/2010 19:00	09/07/2010 18:00	25.847	0.36737	0.39	16.54	0.426	13.3	44.9520	104.8566349	104.856520	0.258470	104.919040	
2010	250	2000	250.833333333	09/07/2010 20:00	09/07/2010 19:00	26.774	0.38054	0.39	16.53	0.426	13.25	44.9216	104.8658832	104.865768	0.267740	104.928310	
2010	250	2100	250.875000000	09/07/2010 21:00	09/07/2010 20:00	27.564	0.39177	0.39	16.53	0.426	13.21	44.8958	104.8737647	104.873649	0.275640	104.936210	
2010	250	2200	250.916666667	09/07/2010 22:00	09/07/2010 21:00	28.249	0.40151	0.39	16.53	0.426	13.18	44.8734	104.8805987	104.880483	0.282490	104.943060	
2010	250	2300	250.958333333	09/07/2010 23:00	09/07/2010 22:00	28.838	0.40988	0.39	16.53	0.426	13.16	44.8541	104.8864749	104.886360	0.288380	104.948950	
2010	250	2400	251.000000000	09/08/2010 0:00	09/07/2010 23:00	29.1	0.41360	0.39	16.53	0.426	13.14	44.8455	104.8890888	104.888973	0.291000	104.951570	
2010	251	100	251.041666667	09/08/2010 1:00	09/08/2010 0:00	29.289	0.41629	0.39	16.52	0.426	13.13	44.8393	104.8909744	104.890859	0.292890	104.953460	
2010	251	200	251.083333333	09/08/2010 2:00	09/08/2010 1:00	29.42	0.41815	0.39	16.54	0.426	13.11	44.8350	104.8922813	104.892166	0.294200	104.954770	
2010	251	300	251.125000000	09/08/2010 3:00	09/08/2010 2:00	29.631	0.42115	0.39	16.52	0.426	13.1	44.8281	104.8943863	104.894271	0.296310	104.956880	
2010	251	400	251.166666667	09/08/2010 4:00	09/08/2010 3:00	29.923	0.42530	0.39	16.53	0.426	13.09	44.8186	104.8972995	104.897184	0.299230	104.959800	
2010	251	500	251.208333333	09/08/2010 5:00	09/08/2010 4:00	30.262	0.43012	0.39	16.51	0.426	13.08	44.8075	104.9006816	104.900566	0.302620	104.963190	
2010	251	600	251.250000000	09/08/2010 6:00	09/08/2010 5:00	30.578	0.43461	0.39	16.52	0.426	13.07	44.7971	104.9038342	104.903719	0.305780	104.966350	
2010	251	700	251.291666667	09/08/2010 7:00	09/08/2010 6:00	30.753	0.43710	0.39	16.52	0.426	13.38	44.7914	104.9055801	104.905465	0.307530	104.968100	
2010	251	800	251.333333333	09/08/2010 8:00	09/08/2010 7:00	30.831	0.43821	0.39	16.53	0.426	13.63	44.7889	104.9063583	104.906243	0.308310	104.968880	
2010	251	900	251.375000000	09/08/2010 9:00	09/08/2010 8:00	31.353	0.44563	0.39	16.51	0.426	13.59	44.7718	104.9115661	104.911451	0.313530	104.974100	
2010	251	1000	251.416666667	09/08/2010 10:00	09/08/2010 9:00	30.887	0.43900	0.39	16.53	0.426	13.55	44.7870	104.906917	104.906802	0.308870	104.969440	
2010	251	1100	251.458333333	09/08/2010 11:00	09/08/2010 10:00	31.139	0.44259	0.39	16.54	0.426	13.52	44.7788	104.9094311	104.909316	0.311390	104.971960	
2010	251	1200	251.500000000	09/08/2010 12:00	09/08/2010 11:00	30.735	0.43684	0.39	16.53	0.426	13.5	44.7920	104.9054005	104.905285	0.307350	104.967920	
2010	251	1300	251.541666667	09/08/2010 13:00	09/08/2010 12:00	31.105	0.44210	0.391	16.56	0.427	13.47	44.7799	104.9090919	104.908977	0.311050	104.971620	
2010	251	1400	251.583333333	09/08/2010 14:00	09/08/2010 13:00	30.943	0.43980	0.391	16.54	0.427	13.51	44.7852	104.9074757	104.907360	0.309430	104.970000	
2010	251	1500	251.625000000	09/08/2010 15:00	09/08/2010 14:00	29.518	0.41955	0.39	16.52	0.426	13.45	44.8318	104.893259	104.893144	0.295180	104.955750	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	251	1600	251.666666667	09/08/2010 16:00	09/08/2010 15:00	29.597	0.42067	0.39	16.53	0.427	13.44	44.8292	104.8940471	104.893932	0.295970	104.956540	
2010	251	1700	251.708333333	09/08/2010 17:00	09/08/2010 16:00	30.173	0.42886	0.39	16.53	0.426	13.47	44.8104	104.8997937	104.899678	0.301730	104.962300	
2010	251	1800	251.750000000	09/08/2010 18:00	09/08/2010 17:00	31.046	0.44126	0.39	16.55	0.426	13.43	44.7818	104.9085032	104.908388	0.310460	104.971030	
2010	251	1900	251.791666667	09/08/2010 19:00	09/08/2010 18:00	31.65	0.44985	0.39	16.53	0.426	13.3	44.7620	104.9145291	104.914414	0.316500	104.977070	
2010	251	2000	251.833333333	09/08/2010 20:00	09/08/2010 19:00	32.362	0.45997	0.39	16.55	0.426	13.24	44.7387	104.9216325	104.921517	0.323620	104.984190	
2010	251	2100	251.875000000	09/08/2010 21:00	09/08/2010 20:00	33.045	0.46968	0.39	16.53	0.426	13.2	44.7164	104.9284465	104.928331	0.330450	104.991020	
2010	251	2200	251.916666667	09/08/2010 22:00	09/08/2010 21:00	33.594	0.47748	0.39	16.53	0.426	13.17	44.6984	104.9339236	104.933808	0.335940	104.996510	
2010	251	2300	251.958333333	09/08/2010 23:00	09/08/2010 22:00	34.006	0.48333	0.39	16.51	0.426	13.15	44.6849	104.938034	104.937919	0.340060	105.000630	
2010	251	2400	252.000000000	09/09/2010 0:00	09/08/2010 23:00	34.133	0.48514	0.39	16.52	0.426	13.13	44.6808	104.939301	104.939186	0.341330	105.001900	
2010	252	100	252.041666667	09/09/2010 1:00	09/09/2010 0:00	34.174	0.48572	0.39	16.51	0.426	13.11	44.6794	104.9397101	104.939595	0.341740	105.002310	
2010	252	200	252.083333333	09/09/2010 2:00	09/09/2010 1:00	34.123	0.48500	0.39	16.54	0.426	13.09	44.6811	104.9392013	104.939086	0.341230	105.001800	
2010	252	300	252.125000000	09/09/2010 3:00	09/09/2010 2:00	34.146	0.48532	0.39	16.52	0.426	13.09	44.6803	104.9394307	104.939315	0.341460	105.002030	
2010	252	400	252.166666667	09/09/2010 4:00	09/09/2010 3:00	34.158	0.48550	0.39	16.54	0.426	13.07	44.6800	104.9395504	104.939435	0.341580	105.002150	
2010	252	500	252.208333333	09/09/2010 5:00	09/09/2010 4:00	34.183	0.48585	0.39	16.54	0.426	13.06	44.6791	104.9397999	104.939685	0.341830	105.002400	
2010	252	600	252.250000000	09/09/2010 6:00	09/09/2010 5:00	34.158	0.48550	0.39	16.51	0.426	13.05	44.6800	104.9395504	104.939435	0.341580	105.002150	
2010	252	700	252.291666667	09/09/2010 7:00	09/09/2010 6:00	34.11	0.48481	0.39	16.53	0.427	13.04	44.6815	104.9390716	104.938956	0.341100	105.001670	
2010	252	800	252.333333333	09/09/2010 8:00	09/09/2010 7:00	33.991	0.48312	0.39	16.54	0.426	13.65	44.6854	104.9378843	104.937769	0.339910	105.000480	
2010	252	900	252.375000000	09/09/2010 9:00	09/09/2010 8:00	33.268	0.47285	0.39	16.53	0.426	13.59	44.7091	104.9306713	104.930556	0.332680	104.993250	
2010	252	1000	252.416666667	09/09/2010 10:00	09/09/2010 9:00	33.419	0.47499	0.39	16.54	0.426	13.56	44.7041	104.9321777	104.932062	0.334190	104.994760	
2010	252	1100	252.458333333	09/09/2010 11:00	09/09/2010 10:00	32.733	0.46524	0.391	16.54	0.427	13.49	44.7266	104.9253338	104.925218	0.327330	104.987900	
2010	252	1200	252.500000000	09/09/2010 12:00	09/09/2010 11:00	31.49	0.44757	0.39	16.53	0.426	13.45	44.7673	104.9129329	104.912818	0.314900	104.975470	
2010	252	1300	252.541666667	09/09/2010 13:00	09/09/2010 12:00	31.834	0.45246	0.391	16.54	0.427	13.44	44.7560	104.9163648	104.916249	0.318340	104.978910	
2010	252	1400	252.583333333	09/09/2010 14:00	09/09/2010 13:00	31.657	0.44995	0.39	16.53	0.427	13.44	44.7618	104.9145989	104.914484	0.316570	104.977140	
2010	252	1500	252.625000000	09/09/2010 15:00	09/09/2010 14:00	31.084	0.44180	0.39	16.53	0.426	13.43	44.7806	104.9088824	104.908767	0.310840	104.971410	
2010	252	1600	252.666666667	09/09/2010 16:00	09/09/2010 15:00	30.523	0.43383	0.391	16.54	0.427	13.43	44.7989	104.9032855	104.903170	0.305230	104.965800	
2010	252	1700	252.708333333	09/09/2010 17:00	09/09/2010 16:00	30.487	0.43332	0.39	16.55	0.426	13.34	44.8001	104.9029263	104.902811	0.304870	104.965440	
2010	252	1800	252.750000000	09/09/2010 18:00	09/09/2010 17:00	30.172	0.42884	0.39	16.54	0.426	13.38	44.8104	104.8997837	104.899668	0.301720	104.962290	
2010	252	1900	252.791666667	09/09/2010 19:00	09/09/2010 18:00	29.838	0.42409	0.39	16.54	0.426	13.26	44.8214	104.8964515	104.896336	0.298380	104.958950	
2010	252	2000	252.833333333	09/09/2010 20:00	09/09/2010 19:00	29.521	0.41959	0.39	16.53	0.426	13.21	44.8317	104.8932889	104.893174	0.295210	104.955780	
2010	252	2100	252.875000000	09/09/2010 21:00	09/09/2010 20:00	29.23	0.41545	0.39	16.52	0.426	13.18	44.8413	104.8903857	104.890270	0.292300	104.952870	
2010	252	2200	252.916666667	09/09/2010 22:00	09/09/2010 21:00	28.886	0.41056	0.39	16.53	0.426	13.14	44.8525	104.8869538	104.886838	0.288860	104.949430	
2010	252	2300	252.958333333	09/09/2010 23:00	09/09/2010 22:00	28.607	0.40660	0.39	16.52	0.426	13.13	44.8616	104.8841703	104.884055	0.286070	104.946640	
2010	252	2400	253.000000000	09/10/2010 0:00	09/09/2010 23:00	28.166	0.40033	0.39	16.53	0.426	13.11	44.8761	104.8797706	104.879655	0.281660	104.942230	
2010	253	100	253.041666667	09/10/2010 1:00	09/10/2010 0:00	27.757	0.39452	0.39	16.54	0.426	13.09	44.8895	104.8756902	104.875575	0.277570	104.938140	
2010	253	200	253.083333333	09/10/2010 2:00	09/10/2010 1:00	27.316	0.38825	0.39	16.51	0.426	13.08	44.9039	104.8712905	104.871175	0.273160	104.933730	
2010	253	300	253.125000000	09/10/2010 3:00	09/10/2010 2:00	27.004	0.38381	0.39	16.52	0.426	13.06	44.9141	104.8681778	104.868062	0.270040	104.930610	
2010	253	400	253.166666667	09/10/2010 4:00	09/10/2010 3:00	26.582	0.37782	0.39	16.53	0.426	13.05	44.9279	104.8639677	104.863852	0.265820	104.926390	
2010	253	500	253.208333333	09/10/2010 5:00	09/10/2010 4:00	26.171	0.37197	0.39	16.53	0.426	13.04	44.9414	104.8598673	104.859752	0.261710	104.922280	
2010	253	600	253.250000000	09/10/2010 6:00	09/10/2010 5:00	25.585	0.36365	0.39	16.54	0.426	13.02	44.9606	104.854021	104.853906	0.255850	104.916420	
2010	253	700	253.291666667	09/10/2010 7:00	09/10/2010 6:00	25.126	0.35712	0.39	16.53	0.426	13.67	44.9756	104.8494417	104.849326	0.251260	104.911830	
2010	253	800	253.333333333	09/10/2010 8:00	09/10/2010 7:00	24.847	0.35316	0.39	16.54	0.426	13.66	44.9847	104.8466583	104.846543	0.248470	104.909040	
2010	253	900	253.375000000	09/10/2010 9:00	09/10/2010 8:00	24.194	0.34387	0.39	16.55	0.426	13.6	45.0061	104.8401436	104.840028	0.241940	104.902510	
2010	253	1000	253.416666667	09/10/2010 10:00	09/10/2010 9:00	23.799	0.33826	0.39	16.54	0.426	13.54	45.0190	104.8362028	104.836087	0.237990	104.898560	
2010	253	1100	253.458333333	09/10/2010 11:00	09/10/2010 10:00	23.157	0.32914	0.389	16.52	0.426	13.49	45.0400	104.8297978	104.829682	0.231570	104.892140	
2010	253	1200	253.500000000	09/10/2010 12:00	09/10/2010 11:00	22.814	0.32426	0.39	16.54	0.426	13.46	45.0513	104.8263758	104.826260	0.228140	104.888710	
2010	253	1300	253.541666667	09/10/2010 13:00	09/10/2010 12:00	22.386	0.31818	0.39	16.55	0.426	13.45	45.0653	104.8221059	104.821991	0.223860	104.884430	
2010	253	1400	253.583333333	09/10/2010 14:00	09/10/2010 13:00	22.385	0.31816	0.39	16.53	0.426	13.43	45.0653	104.8220959	104.821981	0.223850	104.884420	
2010	253	1500	253.625000000	09/10/2010 15:00	09/10/2010 14:00	22.233	0.31600	0.39	16.52	0.426	13.41	45.0703	104.8205794	104.820464	0.222330	104.882900	
2010	253	1600	253.666666667	09/10/2010 16:00	09/10/2010 15:00	21.387	0.30398	0.39	16.52	0.426	13.4	45.0980	104.8121392	104.812024	0.213870	104.874440	
2010	253	1700	253.708333333	09/10/2010 17:00	09/10/2010 16:00	21.211	0.30148	0.39	16.54	0.426	13.41	45.1037	104.8103833	104.810268	0.212110	104.872680	
2010	253	1800	253.750000000	09/10/2010 18:00	09/10/2010 17:00	21.237	0.30185	0.39	16.53	0.426	13.37	45.1029	104.8106427	104.810527	0.212370	104.872940	
2010	253	1900	253.791666667	09/10/2010 19:00	09/10/2010 18:00	20.881	0.29679	0.389	16.54	0.425	13.26	45.1145	104.8070911	104.806976	0.208810	104.869380	
2010	253	2000	253.833333333	09/10/2010 20:00	09/10/2010 19:00	20.595	0.29272	0.389	16.51	0.426	13.21	45.1239	104.8042378	104.804122	0.205950	104.866520	
2010	253	2100	253.875000000	09/10/2010 21:00	09/10/2010 20:00	20.283	0.28829	0.39	16.52	0.426	13.18	45.1341	104.8011251	104.801010	0.202830	104.863400	
2010	253	2200	253.916666667	09/10/2010 22:00	09/10/2010 21:00	20.067	0.28522	0.389	16.52	0.426	13.15	45.1412	104.7989701	104.798855	0.200670	104.861240	
2010	253	2300	253.958333333	09/10/2010 23:00	09/10/2010 22:00	19.86	0.28227	0.389	16.53	0.425	13.12	45.1479	104.796905	104.796790	0.198600	104.859170	
2010	253	2400	254.000000000	09/11/2010 0:00	09/10/2010 23:00	19.571	0.27817	0.39	16.53	0.426	13.11	45.1574	104.7940217	104.793906	0.195710	104.856280	
2010	254	100	254.041666667	09/11/2010 1:00	09/11/2010 0:00	19.525	0.27751	0.389	16.52	0.425	13.08	45.1589	104.7935628	104.793447	0.195250	104.855820	
2010	254	200	254.083333333	09/11/2010 2:00	09/11/2010 1:00	19.367	0.27527	0.39	16.52	0.426	13.07	45.1641	104.7919865	104.791871	0.193670	104.854240	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	254	300	254.125000000	09/11/2010 3:00	09/11/2010 2:00	19.157	0.27228	0.389	16.53	0.425	13.05	45.1710	104.7898914	104.789776	0.191570	104.852140	
2010	254	400	254.166666667	09/11/2010 4:00	09/11/2010 3:00	19.02	0.27034	0.389	16.52	0.426	13.04	45.1754	104.7885246	104.788409	0.190200	104.850770	
2010	254	500	254.208333333	09/11/2010 5:00	09/11/2010 4:00	18.846	0.26786	0.39	16.52	0.426	13.02	45.1811	104.7867887	104.786673	0.188460	104.849030	
2010	254	600	254.250000000	09/11/2010 6:00	09/11/2010 5:00	18.329	0.26051	0.389	16.51	0.426	13.02	45.1981	104.7816308	104.781515	0.183290	104.843860	
2010	254	700	254.291666667	09/11/2010 7:00	09/11/2010 6:00	18.079	0.25696	0.39	16.53	0.426	13.72	45.2062	104.7791366	104.779021	0.180790	104.841360	
2010	254	800	254.333333333	09/11/2010 8:00	09/11/2010 7:00	17.848	0.25368	0.389	16.54	0.425	13.68	45.2138	104.776832	104.776717	0.178480	104.839050	
2010	254	900	254.375000000	09/11/2010 9:00	09/11/2010 8:00	17.598	0.25012	0.389	16.53	0.425	13.63	45.2220	104.7743379	104.774223	0.175980	104.836550	
2010	254	1000	254.416666667	09/11/2010 10:00	09/11/2010 9:00	17.731	0.25201	0.389	16.54	0.425	13.57	45.2176	104.7756648	104.775549	0.177310	104.837880	
2010	254	1100	254.458333333	09/11/2010 11:00	09/11/2010 10:00	17.011	0.24178	0.389	16.52	0.425	13.51	45.2412	104.7684816	104.768366	0.170110	104.830680	
2010	254	1200	254.500000000	09/11/2010 12:00	09/11/2010 11:00	16.795	0.23871	0.389	16.51	0.425	13.48	45.2483	104.7663267	104.766211	0.167950	104.828520	
2010	254	1300	254.541666667	09/11/2010 13:00	09/11/2010 12:00	16.499	0.23450	0.389	16.51	0.425	13.47	45.2580	104.7633736	104.763258	0.164990	104.825560	
2010	254	1400	254.583333333	09/11/2010 14:00	09/11/2010 13:00	16.45	0.23381	0.389	16.54	0.425	13.43	45.2596	104.7628847	104.762769	0.164500	104.825070	
2010	254	1500	254.625000000	09/11/2010 15:00	09/11/2010 14:00	16.271	0.23126	0.389	16.51	0.425	13.4	45.2654	104.7610989	104.760984	0.162710	104.823280	
2010	254	1600	254.666666667	09/11/2010 16:00	09/11/2010 15:00	16.116	0.22906	0.389	16.51	0.425	13.39	45.2705	104.7595525	104.759437	0.161160	104.821730	
2010	254	1700	254.708333333	09/11/2010 17:00	09/11/2010 16:00	16.316	0.23190	0.389	16.54	0.425	13.4	45.2640	104.7615479	104.761433	0.163160	104.823730	
2010	254	1800	254.750000000	09/11/2010 18:00	09/11/2010 17:00	16.577	0.23561	0.389	16.52	0.425	13.37	45.2554	104.7641518	104.764036	0.165770	104.826340	
2010	254	1900	254.791666667	09/11/2010 19:00	09/11/2010 18:00	16.327	0.23206	0.389	16.53	0.425	13.26	45.2636	104.7616576	104.761542	0.163270	104.823840	
2010	254	2000	254.833333333	09/11/2010 20:00	09/11/2010 19:00	16.38	0.23281	0.389	16.52	0.425	13.21	45.2619	104.7621864	104.762071	0.163800	104.824370	
2010	254	2100	254.875000000	09/11/2010 21:00	09/11/2010 20:00	16.37	0.23267	0.389	16.52	0.425	13.18	45.2622	104.7620866	104.761971	0.163700	104.824270	
2010	254	2200	254.916666667	09/11/2010 22:00	09/11/2010 21:00	16.513	0.23470	0.389	16.53	0.425	13.14	45.2575	104.7635133	104.763398	0.165130	104.825700	
2010	254	2300	254.958333333	09/11/2010 23:00	09/11/2010 22:00	16.539	0.23507	0.389	16.51	0.425	13.12	45.2567	104.7637727	104.763657	0.165390	104.825960	
2010	254	2400	255.000000000	09/12/2010 0:00	09/11/2010 23:00	16.544	0.23514	0.389	16.53	0.425	13.11	45.2565	104.7638225	104.763707	0.165440	104.826010	
2010	255	100	255.041666667	09/12/2010 1:00	09/12/2010 0:00	16.651	0.23666	0.389	16.53	0.425	13.09	45.2530	104.76489	104.764775	0.166510	104.827080	
2010	255	200	255.083333333	09/12/2010 2:00	09/12/2010 1:00	16.633	0.23641	0.389	16.52	0.425	13.07	45.2536	104.7647105	104.764595	0.166330	104.826900	
2010	255	300	255.125000000	09/12/2010 3:00	09/12/2010 2:00	16.775	0.23843	0.389	16.53	0.425	13.06	45.2489	104.7661271	104.766012	0.167750	104.828320	
2010	255	400	255.166666667	09/12/2010 4:00	09/12/2010 3:00	16.766	0.23830	0.389	16.54	0.425	13.04	45.2492	104.7660373	104.765922	0.167660	104.828230	
2010	255	500	255.208333333	09/12/2010 5:00	09/12/2010 4:00	16.742	0.23796	0.389	16.52	0.425	13.03	45.2500	104.7657979	104.765683	0.167420	104.827990	
2010	255	600	255.250000000	09/12/2010 6:00	09/12/2010 5:00	16.404	0.23315	0.389	16.54	0.425	13.01	45.2611	104.7624258	104.762310	0.164040	104.824610	
2010	255	700	255.291666667	09/12/2010 7:00	09/12/2010 6:00	16.367	0.23263	0.389	16.54	0.425	13.7	45.2623	104.7620567	104.761941	0.163670	104.824240	
2010	255	800	255.333333333	09/12/2010 8:00	09/12/2010 7:00	16.464	0.23401	0.389	16.52	0.425	13.66	45.2591	104.7630244	104.762909	0.164640	104.825210	
2010	255	900	255.375000000	09/12/2010 9:00	09/12/2010 8:00	16.27	0.23125	0.389	16.54	0.425	13.59	45.2655	104.7610889	104.760974	0.162700	104.823270	
2010	255	1000	255.416666667	09/12/2010 10:00	09/12/2010 9:00	16.463	0.23399	0.389	16.53	0.425	13.51	45.2591	104.7630144	104.762899	0.164630	104.825200	
2010	255	1100	255.458333333	09/12/2010 11:00	09/12/2010 10:00	15.856	0.22536	0.389	16.55	0.425	13.44	45.2790	104.7569586	104.756843	0.158560	104.819130	
2010	255	1200	255.500000000	09/12/2010 12:00	09/12/2010 11:00	16.297	0.23163	0.389	16.52	0.425	13.39	45.2646	104.7613583	104.761243	0.162970	104.823540	
2010	255	1300	255.541666667	09/12/2010 13:00	09/12/2010 12:00	15.718	0.22340	0.389	16.52	0.425	13.37	45.2835	104.7555819	104.755467	0.157180	104.817750	
2010	255	1400	255.583333333	09/12/2010 14:00	09/12/2010 13:00	15.773	0.22419	0.389	16.52	0.424	13.32	45.2817	104.7561306	104.756015	0.157730	104.818300	
2010	255	1500	255.625000000	09/12/2010 15:00	09/12/2010 14:00	16.06	0.22826	0.389	16.52	0.425	13.29	45.2723	104.7589939	104.758879	0.160600	104.821170	
2010	255	1600	255.666666667	09/12/2010 16:00	09/12/2010 15:00	16.339	0.23223	0.389	16.53	0.425	13.27	45.2632	104.7617773	104.761662	0.163390	104.823960	
2010	255	1700	255.708333333	09/12/2010 17:00	09/12/2010 16:00	16.328	0.23207	0.388	16.54	0.424	13.28	45.2636	104.7616676	104.761552	0.163280	104.823850	
2010	255	1800	255.750000000	09/12/2010 18:00	09/12/2010 17:00	16.669	0.23692	0.388	16.52	0.424	13.24	45.2524	104.7650696	104.764954	0.166690	104.827260	
2010	255	1900	255.791666667	09/12/2010 19:00	09/12/2010 18:00	16.56	0.23537	0.389	16.53	0.425	13.16	45.2560	104.7639822	104.763867	0.165600	104.826170	
2010	255	2000	255.833333333	09/12/2010 20:00	09/12/2010 19:00	16.696	0.23730	0.389	16.53	0.425	13.13	45.2515	104.765339	104.765224	0.166960	104.827530	
2010	255	2100	255.875000000	09/12/2010 21:00	09/12/2010 20:00	16.83	0.23921	0.389	16.54	0.425	13.11	45.2471	104.7666758	104.766560	0.168300	104.828870	
2010	255	2200	255.916666667	09/12/2010 22:00	09/12/2010 21:00	16.972	0.24123	0.389	16.55	0.424	13.09	45.2425	104.7680925	104.767977	0.169720	104.830290	
2010	255	2300	255.958333333	09/12/2010 23:00	09/12/2010 22:00	17.208	0.24458	0.389	16.52	0.425	13.07	45.2348	104.770447	104.770332	0.172080	104.832650	
2010	255	2400	256.000000000	09/13/2010 0:00	09/12/2010 23:00	17.435	0.24781	0.388	16.53	0.424	13.06	45.2273	104.7727117	104.772596	0.174350	104.834920	
2010	256	100	256.041666667	09/13/2010 1:00	09/13/2010 0:00	17.835	0.25349	0.389	16.53	0.424	13.05	45.2142	104.7767023	104.776587	0.178350	104.838920	
2010	256	200	256.083333333	09/13/2010 2:00	09/13/2010 1:00	18.11	0.25740	0.389	16.51	0.425	13.03	45.2052	104.7794459	104.779331	0.181100	104.841670	
2010	256	300	256.125000000	09/13/2010 3:00	09/13/2010 2:00	18.336	0.26061	0.388	16.52	0.424	13.03	45.1978	104.7817006	104.781585	0.183360	104.843930	
2010	256	400	256.166666667	09/13/2010 4:00	09/13/2010 3:00	18.656	0.26516	0.388	16.54	0.424	13.01	45.1874	104.7848931	104.784778	0.186560	104.847130	
2010	256	500	256.208333333	09/13/2010 5:00	09/13/2010 4:00	18.809	0.26734	0.389	16.52	0.425	13.01	45.1824	104.7864195	104.786304	0.188090	104.848660	
2010	256	600	256.250000000	09/13/2010 6:00	09/13/2010 5:00	18.636	0.26488	0.389	16.52	0.425	13	45.1880	104.7846936	104.784578	0.186360	104.846930	
2010	256	700	256.291666667	09/13/2010 7:00	09/13/2010 6:00	18.868	0.26818	0.388	16.53	0.424	13.63	45.1804	104.7870082	104.786893	0.188680	104.849250	
2010	256	800	256.333333333	09/13/2010 8:00	09/13/2010 7:00	18.688	0.26562	0.388	16.51	0.425	13.61	45.1863	104.7852124	104.785097	0.186880	104.847450	
2010	256	900	256.375000000	09/13/2010 9:00	09/13/2010 8:00	18.925	0.26899	0.388	16.53	0.424	13.53	45.1786	104.7875768	104.787461	0.189250	104.849820	
2010	256	1000	256.416666667	09/13/2010 10:00	09/13/2010 9:00	19.233	0.27336	0.389	16.53	0.425	13.48	45.1685	104.7906496	104.790534	0.192330	104.852900	
2010	256	1100	256.458333333	09/13/2010 11:00	09/13/2010 10:00	19.062	0.27093	0.388	16.52	0.424	13.41	45.1741	104.7889436	104.788828	0.190620	104.851190	
2010	256	1200	256.500000000	09/13/2010 12:00	09/13/2010 11:00	18.753	0.26654	0.388	16.53	0.424	13.37	45.1842	104.7858609	104.785746	0.187530	104.848100	
2010	256	1300	256.541666667	09/13/2010 13:00	09/13/2010 12:00	18.863	0.26810	0.388	16.53	0.424	13.34	45.1806	104.7869583	104.786843	0.188630	104.849200	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	256	1400	256.583333333	09/13/2010 14:00	09/13/2010 13:00	19.175	0.27254	0.388	16.52	0.424	13.31	45.1704	104.790071	104.789956	0.191750	104.852320	
2010	256	1500	256.625000000	09/13/2010 15:00	09/13/2010 14:00	19.1	0.27147	0.388	16.53	0.424	13.28	45.1728	104.7893227	104.789207	0.191000	104.851570	
2010	256	1600	256.666666667	09/13/2010 16:00	09/13/2010 15:00	19.379	0.27544	0.388	16.53	0.424	13.27	45.1637	104.7921062	104.791991	0.193790	104.854360	
2010	256	1700	256.708333333	09/13/2010 17:00	09/13/2010 16:00	19.487	0.27697	0.388	16.54	0.424	13.29	45.1602	104.7931837	104.793068	0.194870	104.855440	
2010	256	1800	256.750000000	09/13/2010 18:00	09/13/2010 17:00	19.458	0.27656	0.388	16.54	0.424	13.21	45.1611	104.7928944	104.792779	0.194580	104.855150	
2010	256	1900	256.791666667	09/13/2010 19:00	09/13/2010 18:00	19.446	0.27639	0.388	16.51	0.424	13.15	45.1615	104.7927746	104.792659	0.194460	104.855030	
2010	256	2000	256.833333333	09/13/2010 20:00	09/13/2010 19:00	19.583	0.27834	0.388	16.52	0.424	13.11	45.1570	104.7941414	104.794026	0.195830	104.856400	
2010	256	2100	256.875000000	09/13/2010 21:00	09/13/2010 20:00	19.813	0.28161	0.388	16.53	0.424	13.08	45.1495	104.7964361	104.796321	0.198130	104.858700	
2010	256	2200	256.916666667	09/13/2010 22:00	09/13/2010 21:00	20.181	0.28684	0.388	16.53	0.424	13.07	45.1374	104.8001074	104.799992	0.201810	104.862380	
2010	256	2300	256.958333333	09/13/2010 23:00	09/13/2010 22:00	20.677	0.29389	0.388	16.53	0.424	13.05	45.1212	104.8050558	104.804940	0.206770	104.867340	
2010	256	2400	257.000000000	09/14/2010 0:00	09/13/2010 23:00	21.291	0.30261	0.388	16.53	0.424	13.04	45.1011	104.8111815	104.811066	0.212910	104.873480	
2010	257	100	257.041666667	09/14/2010 1:00	09/14/2010 0:00	22.077	0.31379	0.388	16.52	0.424	13.03	45.0754	104.8190231	104.818908	0.220770	104.881340	
2010	257	200	257.083333333	09/14/2010 2:00	09/14/2010 1:00	22.824	0.32440	0.388	16.51	0.424	13.02	45.0509	104.8264756	104.826360	0.228240	104.888810	
2010	257	300	257.125000000	09/14/2010 3:00	09/14/2010 2:00	23.585	0.33522	0.388	16.52	0.424	13.02	45.0260	104.8340678	104.833952	0.235850	104.896420	
2010	257	400	257.166666667	09/14/2010 4:00	09/14/2010 3:00	24.13	0.34297	0.388	16.53	0.424	13.01	45.0082	104.8395051	104.839390	0.241300	104.901870	
2010	257	500	257.208333333	09/14/2010 5:00	09/14/2010 4:00	24.661	0.35051	0.388	16.52	0.424	13.01	44.9908	104.8448026	104.844687	0.246610	104.907180	
2010	257	600	257.250000000	09/14/2010 6:00	09/14/2010 5:00	24.872	0.35351	0.388	16.5	0.424	13	44.9839	104.8469077	104.846792	0.248720	104.909290	
2010	257	700	257.291666667	09/14/2010 7:00	09/14/2010 6:00	25.095	0.35668	0.388	16.51	0.424	13.23	44.9766	104.8491325	104.849017	0.250950	104.911520	
2010	257	800	257.333333333	09/14/2010 8:00	09/14/2010 7:00	25.058	0.35616	0.388	16.54	0.424	13.67	44.9778	104.8487633	104.848648	0.250580	104.911150	
2010	257	900	257.375000000	09/14/2010 9:00	09/14/2010 8:00	25.026	0.35570	0.388	16.52	0.424	13.58	44.9789	104.8484441	104.848329	0.250260	104.910830	
2010	257	1000	257.416666667	09/14/2010 10:00	09/14/2010 9:00	25.307	0.35969	0.388	16.55	0.424	13.5	44.9697	104.8512475	104.851132	0.253070	104.913640	
2010	257	1100	257.458333333	09/14/2010 11:00	09/14/2010 10:00	24.743	0.35168	0.388	16.53	0.424	13.43	44.9881	104.8456207	104.845505	0.247430	104.908000	
2010	257	1200	257.500000000	09/14/2010 12:00	09/14/2010 11:00	25.075	0.35640	0.388	16.52	0.424	13.37	44.9773	104.8489329	104.848818	0.250750	104.911320	
2010	257	1300	257.541666667	09/14/2010 13:00	09/14/2010 12:00	24.916	0.35414	0.388	16.55	0.424	13.36	44.9825	104.8473467	104.847231	0.249160	104.909730	
2010	257	1400	257.583333333	09/14/2010 14:00	09/14/2010 13:00	24.9	0.35391	0.388	16.53	0.424	13.32	44.9830	104.847187	104.847072	0.249000	104.909570	
2010	257	1500	257.625000000	09/14/2010 15:00	09/14/2010 14:00	25.078	0.35644	0.388	16.54	0.424	13.27	44.9772	104.8489629	104.848848	0.250780	104.911350	
2010	257	1600	257.666666667	09/14/2010 16:00	09/14/2010 15:00	25.237	0.35870	0.388	16.51	0.425	13.27	44.9720	104.8505492	104.850434	0.252370	104.912940	
2010	257	1700	257.708333333	09/14/2010 17:00	09/14/2010 16:00	25.894	0.36804	0.388	16.53	0.424	13.28	44.9504	104.8571038	104.856988	0.258940	104.919510	
2010	257	1800	257.750000000	09/14/2010 18:00	09/14/2010 17:00	26.817	0.38116	0.389	16.52	0.425	13.25	44.9202	104.8663122	104.866197	0.268170	104.928740	
2010	257	1900	257.791666667	09/14/2010 19:00	09/14/2010 18:00	27.101	0.38519	0.388	16.54	0.424	13.17	44.9109	104.8691455	104.869030	0.271010	104.931580	
2010	257	2000	257.833333333	09/14/2010 20:00	09/14/2010 19:00	27.551	0.39159	0.388	16.52	0.424	13.13	44.8962	104.873635	104.873520	0.275510	104.936080	
2010	257	2100	257.875000000	09/14/2010 21:00	09/14/2010 20:00	27.905	0.39662	0.388	16.51	0.424	13.1	44.8846	104.8771667	104.877051	0.279050	104.939620	
2010	257	2200	257.916666667	09/14/2010 22:00	09/14/2010 21:00	28.239	0.40137	0.388	16.52	0.424	13.08	44.8737	104.8804989	104.880384	0.282390	104.942960	
2010	257	2300	257.958333333	09/14/2010 23:00	09/14/2010 22:00	28.441	0.40424	0.388	16.53	0.424	13.06	44.8671	104.8825142	104.882399	0.284410	104.944980	
2010	257	2400	258.000000000	09/15/2010 0:00	09/14/2010 23:00	28.519	0.40535	0.388	16.52	0.424	13.04	44.8645	104.8832924	104.883177	0.285190	104.945760	
2010	258	100	258.041666667	09/15/2010 1:00	09/15/2010 0:00	28.531	0.40552	0.388	16.53	0.424	13.04	44.8641	104.8834121	104.883297	0.285310	104.945880	
2010	258	200	258.083333333	09/15/2010 2:00	09/15/2010 1:00	28.56	0.40593	0.388	16.51	0.424	13.02	44.8632	104.8837014	104.883586	0.285600	104.946170	
2010	258	300	258.125000000	09/15/2010 3:00	09/15/2010 2:00	28.694	0.40783	0.388	16.53	0.424	13.01	44.8588	104.8850383	104.884923	0.286940	104.947510	
2010	258	400	258.166666667	09/15/2010 4:00	09/15/2010 3:00	28.859	0.41018	0.388	16.51	0.424	13	44.8534	104.8866844	104.886569	0.288590	104.949160	
2010	258	500	258.208333333	09/15/2010 5:00	09/15/2010 4:00	29.006	0.41227	0.388	16.52	0.424	13	44.8486	104.888151	104.888036	0.290060	104.950630	
2010	258	600	258.250000000	09/15/2010 6:00	09/15/2010 5:00	29.277	0.41612	0.388	16.52	0.424	12.99	44.8397	104.8908546	104.890739	0.292770	104.953340	
2010	258	700	258.291666667	09/15/2010 7:00	09/15/2010 6:00	28.887	0.41058	0.388	16.53	0.424	13.65	44.8525	104.8869638	104.886848	0.288870	104.949440	
2010	258	800	258.333333333	09/15/2010 8:00	09/15/2010 7:00	28.984	0.41196	0.388	16.52	0.424	13.62	44.8493	104.8879315	104.887816	0.289840	104.950410	
2010	258	900	258.375000000	09/15/2010 9:00	09/15/2010 8:00	29.766	0.42307	0.388	16.51	0.424	13.55	44.8237	104.8957332	104.895618	0.297660	104.958230	
2010	258	1000	258.416666667	09/15/2010 10:00	09/15/2010 9:00	29.801	0.42357	0.388	16.53	0.424	13.49	44.8226	104.8960824	104.895967	0.298010	104.958580	
2010	258	1100	258.458333333	09/15/2010 11:00	09/15/2010 10:00	29.763	0.42303	0.388	16.53	0.424	13.44	44.8238	104.8957033	104.895588	0.297630	104.958200	
2010	258	1200	258.500000000	09/15/2010 12:00	09/15/2010 11:00	29.996	0.42634	0.388	16.53	0.424	13.41	44.8162	104.8980278	104.897912	0.299960	104.960530	
2010	258	1300	258.541666667	09/15/2010 13:00	09/15/2010 12:00	29.465	0.41879	0.388	16.52	0.424	13.39	44.8336	104.8927302	104.892615	0.294650	104.955220	
2010	258	1400	258.583333333	09/15/2010 14:00	09/15/2010 13:00	29.499	0.41928	0.388	16.51	0.424	13.33	44.8324	104.8930694	104.892954	0.294990	104.955560	
2010	258	1500	258.625000000	09/15/2010 15:00	09/15/2010 14:00	29.901	0.42499	0.388	16.52	0.424	13.3	44.8193	104.89708	104.896965	0.299010	104.959580	
2010	258	1600	258.666666667	09/15/2010 16:00	09/15/2010 15:00	30.313	0.43085	0.388	16.53	0.424	13.32	44.8058	104.9011904	104.901075	0.303130	104.963700	
2010	258	1700	258.708333333	09/15/2010 17:00	09/15/2010 16:00	30.53	0.43393	0.388	16.52	0.424	13.21	44.7987	104.9033553	104.903240	0.305300	104.965870	
2010	258	1800	258.750000000	09/15/2010 18:00	09/15/2010 17:00	30.874	0.43882	0.388	16.52	0.424	13.15	44.7874	104.9067873	104.906672	0.308740	104.969310	
2010	258	1900	258.791666667	09/15/2010 19:00	09/15/2010 18:00	31.341	0.44546	0.388	16.53	0.424	13.12	44.7722	104.9114463	104.911331	0.313410	104.973980	
2010	258	2000	258.833333333	09/15/2010 20:00	09/15/2010 19:00	31.751	0.45128	0.388	16.53	0.424	13.1	44.7587	104.9155368	104.915421	0.317510	104.978080	
2010	258	2100	258.875000000	09/15/2010 21:00	09/15/2010 20:00	32.094	0.45616	0.388	16.54	0.424	13.07	44.7475	104.9189587	104.918843	0.320940	104.981510	
2010	258	2200	258.916666667	09/15/2010 22:00	09/15/2010 21:00	32.209	0.45779	0.388	16.53	0.424	13.06	44.7437	104.920106	104.919991	0.322090	104.982660	
2010	258	2300	258.958333333	09/15/2010 23:00	09/15/2010 22:00	32.164	0.45715	0.388	16.52	0.424	13.05	44.7452	104.9196571	104.919542	0.321640	104.982210	
2010	258	2400	259.000000000	09/16/2010 0:00	09/15/2010 23:00	32.039	0.45538	0.388	16.52	0.424	13.03	44.7493	104.91841	104.918295	0.320390	104.980960	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	259	100	259.041666667	09/16/2010 1:00	09/16/2010 0:00	31.879	0.45310	0.388	16.51	0.424	13.02	44.7545	104.9168138	104.916698	0.318790	104.979360	
2010	259	200	259.083333333	09/16/2010 2:00	09/16/2010 1:00	31.519	0.44799	0.388	16.53	0.424	13.02	44.7663	104.9132222	104.913107	0.315190	104.975760	
2010	259	300	259.125000000	09/16/2010 3:00	09/16/2010 2:00	31.134	0.44251	0.388	16.53	0.424	13.02	44.7789	104.9093812	104.909266	0.311340	104.971910	
2010	259	400	259.166666667	09/16/2010 4:00	09/16/2010 3:00	30.676	0.43600	0.388	16.52	0.424	13.02	44.7939	104.9048119	104.904697	0.306760	104.967330	
2010	259	500	259.208333333	09/16/2010 5:00	09/16/2010 4:00	30.15	0.42853	0.388	16.53	0.424	13.02	44.8111	104.8995642	104.899449	0.301500	104.962070	
2010	259	600	259.250000000	09/16/2010 6:00	09/16/2010 5:00	29.681	0.42186	0.388	16.53	0.424	13.01	44.8265	104.8948852	104.894770	0.296810	104.957380	
2010	259	700	259.291666667	09/16/2010 7:00	09/16/2010 6:00	29.075	0.41325	0.388	16.52	0.424	13.18	44.8463	104.8888394	104.888724	0.290750	104.951320	
2010	259	800	259.333333333	09/16/2010 8:00	09/16/2010 7:00	28.194	0.40073	0.388	16.53	0.424	13.55	44.8752	104.88005	104.879935	0.281940	104.942510	
2010	259	900	259.375000000	09/16/2010 9:00	09/16/2010 8:00	26.771	0.38050	0.388	16.53	0.424	13.51	44.9217	104.8658533	104.865738	0.267710	104.928280	
2010	259	1000	259.416666667	09/16/2010 10:00	09/16/2010 9:00	27.455	0.39022	0.388	16.54	0.424	13.48	44.8994	104.8726773	104.872562	0.274550	104.935120	
2010	259	1100	259.458333333	09/16/2010 11:00	09/16/2010 10:00	26.754	0.38026	0.388	16.53	0.424	13.41	44.9223	104.8656837	104.865568	0.267540	104.928110	
2010	259	1200	259.500000000	09/16/2010 12:00	09/16/2010 11:00	26.85	0.38163	0.388	16.54	0.424	13.35	44.9192	104.8666414	104.866526	0.268500	104.929070	
2010	259	1300	259.541666667	09/16/2010 13:00	09/16/2010 12:00	26.292	0.37369	0.388	16.55	0.424	13.34	44.9374	104.8610745	104.860959	0.262920	104.923490	
2010	259	1400	259.583333333	09/16/2010 14:00	09/16/2010 13:00	26.724	0.37983	0.388	16.54	0.424	13.31	44.9233	104.8653844	104.865269	0.267240	104.927810	
2010	259	1500	259.625000000	09/16/2010 15:00	09/16/2010 14:00	25.758	0.36610	0.388	16.52	0.424	13.29	44.9549	104.855747	104.855632	0.257580	104.918150	
2010	259	1600	259.666666667	09/16/2010 16:00	09/16/2010 15:00	26.04	0.37011	0.388	16.53	0.424	13.29	44.9457	104.8585604	104.858445	0.260400	104.920970	
2010	259	1700	259.708333333	09/16/2010 17:00	09/16/2010 16:00	26.208	0.37250	0.388	16.51	0.424	13.21	44.9402	104.8602364	104.860121	0.262080	104.922650	
2010	259	1800	259.750000000	09/16/2010 18:00	09/16/2010 17:00	26.318	0.37406	0.388	16.52	0.424	13.15	44.9366	104.8613339	104.861219	0.263180	104.923750	
2010	259	1900	259.791666667	09/16/2010 19:00	09/16/2010 18:00	26.785	0.38070	0.388	16.53	0.423	13.11	44.9213	104.8659929	104.865878	0.267850	104.928420	
2010	259	2000	259.833333333	09/16/2010 20:00	09/16/2010 19:00	27.431	0.38988	0.388	16.53	0.423	13.09	44.9001	104.8724378	104.872322	0.274310	104.934880	
2010	259	2100	259.875000000	09/16/2010 21:00	09/16/2010 20:00	27.725	0.39406	0.388	16.53	0.423	13.07	44.8905	104.8753709	104.875256	0.277250	104.937820	
2010	259	2200	259.916666667	09/16/2010 22:00	09/16/2010 21:00	28.049	0.39867	0.388	16.53	0.424	13.06	44.8799	104.8786034	104.878488	0.280490	104.941060	
2010	259	2300	259.958333333	09/16/2010 23:00	09/16/2010 22:00	28.286	0.40204	0.388	16.52	0.424	13.04	44.8722	104.8809678	104.880852	0.282860	104.943430	
2010	259	2400	260.000000000	09/17/2010 0:00	09/16/2010 23:00	28.288	0.40206	0.388	16.52	0.424	13.04	44.8721	104.8809878	104.880872	0.282880	104.943450	
2010	260	100	260.041666667	09/17/2010 1:00	09/17/2010 0:00	28.444	0.40428	0.388	16.53	0.424	13.02	44.8670	104.8825441	104.882429	0.284440	104.945010	
2010	260	200	260.083333333	09/17/2010 2:00	09/17/2010 1:00	28.443	0.40427	0.388	16.53	0.423	13.02	44.8670	104.8825341	104.882419	0.284430	104.945000	
2010	260	300	260.125000000	09/17/2010 3:00	09/17/2010 2:00	28.526	0.40545	0.387	16.53	0.423	13.02	44.8643	104.8833622	104.883247	0.285260	104.945830	
2010	260	400	260.166666667	09/17/2010 4:00	09/17/2010 3:00	28.655	0.40728	0.387	16.53	0.423	13.02	44.8601	104.8846492	104.884534	0.286550	104.947120	
2010	260	500	260.208333333	09/17/2010 5:00	09/17/2010 4:00	28.729	0.40833	0.388	16.52	0.424	13.02	44.8577	104.8853875	104.885272	0.287290	104.947860	
2010	260	600	260.250000000	09/17/2010 6:00	09/17/2010 5:00	28.682	0.40766	0.387	16.53	0.423	13.01	44.8592	104.8849186	104.884803	0.286820	104.947390	
2010	260	700	260.291666667	09/17/2010 7:00	09/17/2010 6:00	27.828	0.39553	0.387	16.52	0.423	13.48	44.8871	104.8763985	104.876283	0.278280	104.938850	
2010	260	800	260.333333333	09/17/2010 8:00	09/17/2010 7:00	28.476	0.40474	0.387	16.54	0.423	13.49	44.8659	104.8828634	104.882748	0.284760	104.945330	
2010	260	900	260.375000000	09/17/2010 9:00	09/17/2010 8:00	28.403	0.40370	0.387	16.54	0.423	13.46	44.8683	104.8821351	104.882020	0.284030	104.944600	
2010	260	1000	260.416666667	09/17/2010 10:00	09/17/2010 9:00	28.032	0.39843	0.388	16.56	0.423	13.44	44.8805	104.8784338	104.878318	0.280320	104.940890	
2010	260	1100	260.458333333	09/17/2010 11:00	09/17/2010 10:00	27.198	0.38657	0.388	16.53	0.424	13.42	44.9078	104.8701133	104.869998	0.271980	104.932550	
2010	260	1200	260.500000000	09/17/2010 12:00	09/17/2010 11:00	27.946	0.39720	0.387	16.54	0.423	13.39	44.8833	104.8775758	104.877460	0.279460	104.940030	
2010	260	1300	260.541666667	09/17/2010 13:00	09/17/2010 12:00	26.481	0.37638	0.387	16.55	0.423	13.38	44.9312	104.86296	104.862845	0.264810	104.925380	
2010	260	1400	260.583333333	09/17/2010 14:00	09/17/2010 13:00	26.907	0.38244	0.388	16.54	0.423	13.36	44.9173	104.8672101	104.867095	0.269070	104.929640	
2010	260	1500	260.625000000	09/17/2010 15:00	09/17/2010 14:00	26.598	0.37804	0.388	16.56	0.423	13.35	44.9274	104.8641273	104.864012	0.265980	104.926550	
2010	260	1600	260.666666667	09/17/2010 16:00	09/17/2010 15:00	26.317	0.37405	0.387	16.52	0.423	13.35	44.9366	104.8613239	104.861209	0.263170	104.923740	
2010	260	1700	260.708333333	09/17/2010 17:00	09/17/2010 16:00	26.32	0.37409	0.387	16.52	0.423	13.26	44.9365	104.8613538	104.861238	0.263200	104.923770	
2010	260	1800	260.750000000	09/17/2010 18:00	09/17/2010 17:00	26.335	0.37431	0.387	16.53	0.423	13.18	44.9360	104.8615035	104.861388	0.263350	104.923920	
2010	260	1900	260.791666667	09/17/2010 19:00	09/17/2010 18:00	26.506	0.37674	0.388	16.53	0.423	13.15	44.9304	104.8632095	104.863094	0.265060	104.925630	
2010	260	2000	260.833333333	09/17/2010 20:00	09/17/2010 19:00	26.835	0.38141	0.387	16.53	0.423	13.11	44.9196	104.8664918	104.866376	0.268350	104.928920	
2010	260	2100	260.875000000	09/17/2010 21:00	09/17/2010 20:00	27.176	0.38626	0.387	16.54	0.423	13.09	44.9085	104.8698938	104.869778	0.271760	104.932330	
2010	260	2200	260.916666667	09/17/2010 22:00	09/17/2010 21:00	27.407	0.38954	0.387	16.53	0.423	13.07	44.9009	104.8721984	104.872083	0.274070	104.934640	
2010	260	2300	260.958333333	09/17/2010 23:00	09/17/2010 22:00	27.502	0.39089	0.387	16.54	0.423	13.06	44.8978	104.8731462	104.873031	0.275020	104.935590	
2010	260	2400	261.000000000	09/18/2010 0:00	09/17/2010 23:00	27.626	0.39265	0.387	16.53	0.423	13.04	44.8938	104.8743833	104.874268	0.276260	104.936830	
2010	261	100	261.041666667	09/18/2010 1:00	09/18/2010 0:00	27.775	0.39477	0.387	16.52	0.423	13.04	44.8889	104.8758698	104.875754	0.277750	104.938320	
2010	261	200	261.083333333	09/18/2010 2:00	09/18/2010 1:00	27.769	0.39469	0.387	16.53	0.423	13.02	44.8891	104.8758099	104.875695	0.277690	104.938260	
2010	261	300	261.125000000	09/18/2010 3:00	09/18/2010 2:00	27.785	0.39491	0.387	16.52	0.423	13.01	44.8886	104.8759695	104.875854	0.277850	104.938420	
2010	261	400	261.166666667	09/18/2010 4:00	09/18/2010 3:00	27.727	0.39409	0.387	16.52	0.423	13.01	44.8904	104.8753909	104.875276	0.277270	104.937840	
2010	261	500	261.208333333	09/18/2010 5:00	09/18/2010 4:00	27.681	0.39344	0.387	16.51	0.423	13	44.8920	104.874932	104.874817	0.276810	104.937380	
2010	261	600	261.250000000	09/18/2010 6:00	09/18/2010 5:00	27.669	0.39327	0.387	16.55	0.423	12.99	44.8923	104.8748123	104.874697	0.276690	104.937260	
2010	261	700	261.291666667	09/18/2010 7:00	09/18/2010 6:00	27.516	0.39109	0.387	16.53	0.423	13.38	44.8974	104.8732858	104.873170	0.275160	104.935730	
2010	261	800	261.333333333	09/18/2010 8:00	09/18/2010 7:00	27.219	0.38687	0.387	16.52	0.423	13.6	44.9071	104.8703228	104.870207	0.272190	104.932760	
2010	261	900	261.375000000	09/18/2010 9:00	09/18/2010 8:00	27.412	0.38961	0.387	16.52	0.423	13.55	44.9008	104.8722483	104.872133	0.274120	104.934690	
2010	261	1000	261.416666667	09/18/2010 10:00	09/18/2010 9:00	27.109	0.38531	0.387	16.53	0.423	13.51	44.9107	104.8692254	104.869110	0.271090	104.931660	
2010	261	1100	261.458333333	09/18/2010 11:00	09/18/2010 10:00	26.366	0.37475	0.387	16.53	0.423	13.49	44.9350	104.8618127	104.861697	0.263660	104.924230	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	261	1200	261.500000000	09/18/2010 12:00	09/18/2010 11:00	26.023	0.36987	0.387	16.55	0.423	13.46	44.9462	104.8583908	104.858275	0.260230	104.920800	
2010	261	1300	261.541666667	09/18/2010 13:00	09/18/2010 12:00	25.934	0.36861	0.387	16.53	0.423	13.44	44.9491	104.8575028	104.857387	0.259340	104.919910	
2010	261	1400	261.583333333	09/18/2010 14:00	09/18/2010 13:00	25.769	0.36626	0.387	16.53	0.423	13.42	44.9545	104.8558567	104.855741	0.257690	104.918260	
2010	261	1500	261.625000000	09/18/2010 15:00	09/18/2010 14:00	25.803	0.36674	0.387	16.52	0.423	13.43	44.9534	104.8561959	104.856081	0.258030	104.918600	
2010	261	1600	261.666666667	09/18/2010 16:00	09/18/2010 15:00	25.605	0.36393	0.387	16.53	0.423	13.38	44.9599	104.8542205	104.854105	0.256050	104.916620	
2010	261	1700	261.708333333	09/18/2010 17:00	09/18/2010 16:00	25.35	0.36031	0.387	16.53	0.423	13.26	44.9683	104.8516765	104.851561	0.253500	104.914070	
2010	261	1800	261.750000000	09/18/2010 18:00	09/18/2010 17:00	25.029	0.35574	0.387	16.53	0.423	13.21	44.9788	104.848474	104.848359	0.250290	104.910860	
2010	261	1900	261.791666667	09/18/2010 19:00	09/18/2010 18:00	24.89	0.35377	0.387	16.52	0.423	13.17	44.9833	104.8470873	104.846972	0.248900	104.909470	
2010	261	2000	261.833333333	09/18/2010 20:00	09/18/2010 19:00	24.566	0.34916	0.387	16.54	0.423	13.14	44.9939	104.8438549	104.843740	0.245660	104.906230	
2010	261	2100	261.875000000	09/18/2010 21:00	09/18/2010 20:00	24.183	0.34372	0.387	16.52	0.423	13.12	45.0065	104.8400338	104.839918	0.241830	104.902400	
2010	261	2200	261.916666667	09/18/2010 22:00	09/18/2010 21:00	23.985	0.34090	0.387	16.52	0.423	13.1	45.0129	104.8380584	104.837943	0.239850	104.900420	
2010	261	2300	261.958333333	09/18/2010 23:00	09/18/2010 22:00	23.752	0.33759	0.387	16.54	0.423	13.08	45.0206	104.8357339	104.835619	0.237520	104.898090	
2010	261	2400	262.000000000	09/19/2010 0:00	09/18/2010 23:00	23.518	0.33427	0.387	16.53	0.423	13.06	45.0282	104.8333994	104.833284	0.235180	104.895750	
2010	262	100	262.041666667	09/19/2010 1:00	09/19/2010 0:00	23.295	0.33110	0.387	16.54	0.423	13.06	45.0355	104.8311746	104.831059	0.232950	104.893520	
2010	262	200	262.083333333	09/19/2010 2:00	09/19/2010 1:00	23.099	0.32831	0.387	16.52	0.423	13.04	45.0419	104.8292192	104.829104	0.230990	104.891560	
2010	262	300	262.125000000	09/19/2010 3:00	09/19/2010 2:00	22.922	0.32580	0.387	16.52	0.423	13.03	45.0477	104.8274533	104.827338	0.229220	104.889790	
2010	262	400	262.166666667	09/19/2010 4:00	09/19/2010 3:00	22.724	0.32298	0.387	16.51	0.423	13.03	45.0542	104.8254779	104.825363	0.227240	104.887810	
2010	262	500	262.208333333	09/19/2010 5:00	09/19/2010 4:00	22.536	0.32031	0.387	16.52	0.423	13.02	45.0604	104.8236023	104.823487	0.225360	104.885930	
2010	262	600	262.250000000	09/19/2010 6:00	09/19/2010 5:00	22.36	0.31781	0.387	16.54	0.423	13.01	45.0661	104.8218465	104.821731	0.223600	104.884170	
2010	262	700	262.291666667	09/19/2010 7:00	09/19/2010 6:00	22.138	0.31465	0.387	16.51	0.423	13.01	45.0734	104.8196317	104.819516	0.221380	104.881950	
2010	262	800	262.333333333	09/19/2010 8:00	09/19/2010 7:00	21.657	0.30782	0.387	16.52	0.423	13.55	45.0891	104.8148329	104.814718	0.216570	104.877140	
2010	262	900	262.375000000	09/19/2010 9:00	09/19/2010 8:00	21.669	0.30799	0.387	16.52	0.423	13.55	45.0887	104.8149526	104.814837	0.216690	104.877260	
2010	262	1000	262.416666667	09/19/2010 10:00	09/19/2010 9:00	21.587	0.30682	0.387	16.51	0.423	13.38	45.0914	104.8141345	104.814019	0.215870	104.876440	
2010	262	1100	262.458333333	09/19/2010 11:00	09/19/2010 10:00	21.554	0.30635	0.387	16.51	0.423	13.62	45.0925	104.8138053	104.813690	0.215540	104.876110	
2010	262	1200	262.500000000	09/19/2010 12:00	09/19/2010 11:00	21.167	0.30085	0.387	16.52	0.423	13.61	45.1052	104.8099444	104.809829	0.211670	104.872240	
2010	262	1300	262.541666667	09/19/2010 13:00	09/19/2010 12:00	21.363	0.30364	0.387	16.53	0.423	13.57	45.0988	104.8118998	104.811784	0.213630	104.874200	
2010	262	1400	262.583333333	09/19/2010 14:00	09/19/2010 13:00	21.068	0.29944	0.387	16.53	0.423	13.56	45.1084	104.8089567	104.808841	0.210680	104.871250	
2010	262	1500	262.625000000	09/19/2010 15:00	09/19/2010 14:00	21.029	0.29889	0.387	16.54	0.423	13.54	45.1097	104.8085676	104.808452	0.210290	104.870860	
2010	262	1600	262.666666667	09/19/2010 16:00	09/19/2010 15:00	20.923	0.29738	0.387	16.53	0.423	13.54	45.1132	104.8075101	104.807395	0.209230	104.869800	
2010	262	1700	262.708333333	09/19/2010 17:00	09/19/2010 16:00	20.806	0.29572	0.387	16.53	0.423	13.38	45.1170	104.8063428	104.806227	0.208060	104.868630	
2010	262	1800	262.750000000	09/19/2010 18:00	09/19/2010 17:00	20.772	0.29524	0.387	16.54	0.423	13.29	45.1181	104.8060036	104.805888	0.207720	104.868290	
2010	262	1900	262.791666667	09/19/2010 19:00	09/19/2010 18:00	20.751	0.29494	0.387	16.52	0.423	13.24	45.1188	104.8057941	104.805679	0.207510	104.868080	
2010	262	2000	262.833333333	09/19/2010 20:00	09/19/2010 19:00	20.752	0.29495	0.387	16.52	0.422	13.2	45.1188	104.8058041	104.805689	0.207520	104.868090	
2010	262	2100	262.875000000	09/19/2010 21:00	09/19/2010 20:00	20.805	0.29571	0.387	16.51	0.423	13.17	45.1170	104.8063328	104.806217	0.208050	104.868620	
2010	262	2200	262.916666667	09/19/2010 22:00	09/19/2010 21:00	20.794	0.29555	0.387	16.5	0.423	13.15	45.1174	104.8062231	104.806108	0.207940	104.868510	
2010	262	2300	262.958333333	09/19/2010 23:00	09/19/2010 22:00	20.711	0.29437	0.387	16.53	0.423	13.13	45.1201	104.805395	104.805280	0.207110	104.867680	
2010	262	2400	263.000000000	09/20/2010 0:00	09/19/2010 23:00	20.841	0.29622	0.387	16.52	0.422	13.11	45.1158	104.806692	104.806577	0.208410	104.868980	
2010	263	100	263.041666667	09/20/2010 1:00	09/20/2010 0:00	20.912	0.29723	0.387	16.52	0.423	13.1	45.1135	104.8074003	104.807285	0.209120	104.869690	
2010	263	200	263.083333333	09/20/2010 2:00	09/20/2010 1:00	20.947	0.29772	0.387	16.52	0.423	13.09	45.1124	104.8077495	104.807634	0.209470	104.870040	
2010	263	300	263.125000000	09/20/2010 3:00	09/20/2010 2:00	20.912	0.29723	0.387	16.52	0.423	13.07	45.1135	104.8074003	104.807285	0.209120	104.869690	
2010	263	400	263.166666667	09/20/2010 4:00	09/20/2010 3:00	21.017	0.29872	0.387	16.51	0.422	13.06	45.1101	104.8084479	104.808333	0.210170	104.870740	
2010	263	500	263.208333333	09/20/2010 5:00	09/20/2010 4:00	20.912	0.29723	0.387	16.53	0.422	13.05	45.1135	104.8074003	104.807285	0.209120	104.869690	
2010	263	600	263.250000000	09/20/2010 6:00	09/20/2010 5:00	20.936	0.29757	0.387	16.54	0.422	13.04	45.1127	104.8076398	104.807524	0.209360	104.869930	
2010	263	700	263.291666667	09/20/2010 7:00	09/20/2010 6:00	21.134	0.30038	0.386	16.53	0.422	13.57	45.1062	104.8096151	104.809500	0.211340	104.871910	
2010	263	800	263.333333333	09/20/2010 8:00	09/20/2010 7:00	20.734	0.29470	0.387	16.52	0.422	13.59	45.1193	104.8056245	104.805509	0.207340	104.867910	
2010	263	900	263.375000000	09/20/2010 9:00	09/20/2010 8:00	19.616	0.27881	0.386	16.52	0.422	13.57	45.1559	104.7944707	104.794355	0.196160	104.856730	
2010	263	1000	263.416666667	09/20/2010 10:00	09/20/2010 9:00	20.514	0.29157	0.386	16.52	0.422	13.54	45.1265	104.8034297	104.803314	0.205140	104.865710	
2010	263	1100	263.458333333	09/20/2010 11:00	09/20/2010 10:00	20.581	0.29252	0.386	16.53	0.422	13.51	45.1244	104.8040981	104.803983	0.205810	104.866380	
2010	263	1200	263.500000000	09/20/2010 12:00	09/20/2010 11:00	19.912	0.28301	0.386	16.54	0.422	13.49	45.1462	104.7974237	104.797308	0.199120	104.859690	
2010	263	1300	263.541666667	09/20/2010 13:00	09/20/2010 12:00	20.517	0.29161	0.387	16.51	0.422	13.47	45.1264	104.8034596	104.803344	0.205170	104.865740	
2010	263	1400	263.583333333	09/20/2010 14:00	09/20/2010 13:00	19.834	0.28191	0.386	16.53	0.422	13.45	45.1488	104.7966456	104.796530	0.198340	104.858910	
2010	263	1500	263.625000000	09/20/2010 15:00	09/20/2010 14:00	19.599	0.27857	0.387	16.53	0.423	13.43	45.1565	104.7943011	104.794186	0.195990	104.856560	
2010	263	1600	263.666666667	09/20/2010 16:00	09/20/2010 15:00	20.055	0.28505	0.387	16.52	0.422	13.43	45.1416	104.7988504	104.798735	0.200550	104.861120	
2010	263	1700	263.708333333	09/20/2010 17:00	09/20/2010 16:00	19.763	0.28090	0.387	16.53	0.422	13.46	45.1511	104.7959372	104.795822	0.197630	104.858200	
2010	263	1800	263.750000000	09/20/2010 18:00	09/20/2010 17:00	19.441	0.27632	0.386	16.53	0.422	13.31	45.1617	104.7927248	104.792609	0.194410	104.854980	
2010	263	1900	263.791666667	09/20/2010 19:00	09/20/2010 18:00	19.306	0.27440	0.386	16.52	0.422	13.24	45.1661	104.7913779	104.791263	0.193060	104.853630	
2010	263	2000	263.833333333	09/20/2010 20:00	09/20/2010 19:00	19.135	0.27197	0.386	16.52	0.422	13.19	45.1717	104.7896719	104.789557	0.191350	104.851920	
2010	263	2100	263.875000000	09/20/2010 21:00	09/20/2010 20:00	18.845	0.26785	0.387	16.52	0.422	13.16	45.1812	104.7867787	104.786663	0.188450	104.849020	
2010	263	2200	263.916666667	09/20/2010 22:00	09/20/2010 21:00	18.731	0.26623	0.387	16.54	0.422	13.14	45.1849	104.7856414	104.785526	0.187310	104.847880	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	263	2300	263.958333333	09/20/2010 23:00	09/20/2010 22:00	18.58	0.26408	0.387	16.52	0.422	13.12	45.1898	104.7841349	104.784020	0.185800	104.846370	
2010	263	2400	264.000000000	09/21/2010 0:00	09/20/2010 23:00	18.347	0.26077	0.386	16.53	0.422	13.1	45.1975	104.7818104	104.781695	0.183470	104.844040	
2010	264	100	264.041666667	09/21/2010 1:00	09/21/2010 0:00	18.221	0.25898	0.386	16.53	0.422	13.08	45.2016	104.7805533	104.780438	0.182210	104.842780	
2010	264	200	264.083333333	09/21/2010 2:00	09/21/2010 1:00	18.187	0.25850	0.386	16.52	0.422	13.07	45.2027	104.7802141	104.780099	0.181870	104.842440	
2010	264	300	264.125000000	09/21/2010 3:00	09/21/2010 2:00	18.188	0.25851	0.386	16.52	0.422	13.06	45.2027	104.7802241	104.780109	0.181880	104.842450	
2010	264	400	264.166666667	09/21/2010 4:00	09/21/2010 3:00	18.182	0.25842	0.386	16.53	0.422	13.05	45.2029	104.7801642	104.780049	0.181820	104.842390	
2010	264	500	264.208333333	09/21/2010 5:00	09/21/2010 4:00	18.137	0.25779	0.386	16.52	0.422	13.04	45.2043	104.7797153	104.779600	0.181370	104.841940	
2010	264	600	264.250000000	09/21/2010 6:00	09/21/2010 5:00	18.058	0.25666	0.386	16.53	0.422	13.02	45.2069	104.7789271	104.778812	0.180580	104.841150	
2010	264	700	264.291666667	09/21/2010 7:00	09/21/2010 6:00	17.495	0.24866	0.386	16.5	0.422	13.79	45.2254	104.7733103	104.773195	0.174950	104.835520	
2010	264	800	264.333333333	09/21/2010 8:00	09/21/2010 7:00	16.963	0.24110	0.387	16.54	0.422	13.72	45.2428	104.7680027	104.767887	0.169630	104.830200	
2010	264	900	264.375000000	09/21/2010 9:00	09/21/2010 8:00	16.65	0.23665	0.386	16.53	0.422	13.65	45.2530	104.7648801	104.764765	0.166500	104.827070	
2010	264	1000	264.416666667	09/21/2010 10:00	09/21/2010 9:00	17.147	0.24371	0.386	16.53	0.422	13.57	45.2368	104.7698384	104.769723	0.171470	104.832040	
2010	264	1100	264.458333333	09/21/2010 11:00	09/21/2010 10:00	16.144	0.22946	0.386	16.54	0.422	13.51	45.2696	104.7598319	104.759717	0.161440	104.822010	
2010	264	1200	264.500000000	09/21/2010 12:00	09/21/2010 11:00	15.426	0.21925	0.386	16.54	0.422	13.53	45.2931	104.7526687	104.752553	0.154260	104.814830	
2010	264	1300	264.541666667	09/21/2010 13:00	09/21/2010 12:00	15.964	0.22690	0.386	16.54	0.422	13.49	45.2755	104.7580361	104.757921	0.159640	104.820210	
2010	264	1400	264.583333333	09/21/2010 14:00	09/21/2010 13:00	16.03	0.22784	0.386	16.52	0.422	13.47	45.2733	104.7586946	104.758579	0.160300	104.820870	
2010	264	1500	264.625000000	09/21/2010 15:00	09/21/2010 14:00	15.947	0.22666	0.386	16.54	0.422	13.45	45.2760	104.7578665	104.757751	0.159470	104.820040	
2010	264	1600	264.666666667	09/21/2010 16:00	09/21/2010 15:00	16.332	0.23213	0.386	16.52	0.422	13.45	45.2634	104.7617075	104.761592	0.163320	104.823890	
2010	264	1700	264.708333333	09/21/2010 17:00	09/21/2010 16:00	17.704	0.25163	0.386	16.53	0.422	13.47	45.2185	104.7753954	104.775280	0.177040	104.837610	
2010	264	1800	264.750000000	09/21/2010 18:00	09/21/2010 17:00	17.685	0.25136	0.386	16.52	0.422	13.36	45.2191	104.7752058	104.775090	0.176850	104.837420	
2010	264	1900	264.791666667	09/21/2010 19:00	09/21/2010 18:00	17.61	0.25029	0.386	16.52	0.422	13.27	45.2216	104.7744576	104.774342	0.176100	104.836670	
2010	264	2000	264.833333333	09/21/2010 20:00	09/21/2010 19:00	17.711	0.25173	0.386	16.52	0.422	13.23	45.2183	104.7754652	104.775350	0.177110	104.837680	
2010	264	2100	264.875000000	09/21/2010 21:00	09/21/2010 20:00	17.729	0.25199	0.386	16.51	0.422	13.19	45.2177	104.7756448	104.775529	0.177290	104.837860	
2010	264	2200	264.916666667	09/21/2010 22:00	09/21/2010 21:00	17.894	0.25433	0.386	16.52	0.422	13.16	45.2123	104.777291	104.777176	0.178940	104.839510	
2010	264	2300	264.958333333	09/21/2010 23:00	09/21/2010 22:00	18.144	0.25788	0.386	16.52	0.422	13.13	45.2041	104.7797851	104.779670	0.181440	104.842010	
2010	264	2400	265.000000000	09/22/2010 0:00	09/21/2010 23:00	18.417	0.26176	0.386	16.52	0.422	13.11	45.1952	104.7825087	104.782393	0.184170	104.844740	
2010	265	100	265.041666667	09/22/2010 1:00	09/22/2010 0:00	18.734	0.26627	0.386	16.52	0.422	13.1	45.1848	104.7856713	104.785556	0.187340	104.847910	
2010	265	200	265.083333333	09/22/2010 2:00	09/22/2010 1:00	18.996	0.26999	0.386	16.51	0.422	13.08	45.1762	104.7882852	104.788170	0.189960	104.850530	
2010	265	300	265.125000000	09/22/2010 3:00	09/22/2010 2:00	19.243	0.27351	0.386	16.54	0.421	13.07	45.1681	104.7907494	104.790634	0.192430	104.853000	
2010	265	400	265.166666667	09/22/2010 4:00	09/22/2010 3:00	19.303	0.27436	0.386	16.53	0.422	13.06	45.1662	104.791348	104.791233	0.193030	104.853600	
2010	265	500	265.208333333	09/22/2010 5:00	09/22/2010 4:00	19.268	0.27386	0.386	16.52	0.422	13.04	45.1673	104.7909988	104.790883	0.192680	104.853250	
2010	265	600	265.250000000	09/22/2010 6:00	09/22/2010 5:00	19.129	0.27188	0.386	16.53	0.422	13.02	45.1719	104.7896121	104.789497	0.191290	104.851860	
2010	265	700	265.291666667	09/22/2010 7:00	09/22/2010 6:00	18.612	0.26454	0.386	16.53	0.422	13.28	45.1888	104.7844542	104.784339	0.186120	104.846690	
2010	265	800	265.333333333	09/22/2010 8:00	09/22/2010 7:00	18.045	0.25648	0.386	16.54	0.421	13.74	45.2074	104.7787974	104.778682	0.180450	104.841020	
2010	265	900	265.375000000	09/22/2010 9:00	09/22/2010 8:00	18.001	0.25585	0.386	16.54	0.422	13.68	45.2088	104.7783584	104.778243	0.180010	104.840580	
2010	265	1000	265.416666667	09/22/2010 10:00	09/22/2010 9:00	17.807	0.25309	0.386	16.53	0.422	13.61	45.2151	104.776423	104.776308	0.178070	104.838640	
2010	265	1100	265.458333333	09/22/2010 11:00	09/22/2010 10:00	16.886	0.24000	0.386	16.52	0.422	13.55	45.2453	104.7672345	104.767119	0.168860	104.829430	
2010	265	1200	265.500000000	09/22/2010 12:00	09/22/2010 11:00	16.634	0.23642	0.386	16.53	0.421	13.52	45.2535	104.7647204	104.764605	0.166340	104.826910	
2010	265	1300	265.541666667	09/22/2010 13:00	09/22/2010 12:00	16.164	0.22974	0.386	16.52	0.421	13.5	45.2689	104.7600314	104.759916	0.161640	104.822210	
2010	265	1400	265.583333333	09/22/2010 14:00	09/22/2010 13:00	15.818	0.22482	0.386	16.53	0.422	13.46	45.2803	104.7565795	104.756464	0.158180	104.818750	
2010	265	1500	265.625000000	09/22/2010 15:00	09/22/2010 14:00	16.002	0.22744	0.386	16.53	0.421	13.41	45.2742	104.7584152	104.758300	0.160020	104.820590	
2010	265	1600	265.666666667	09/22/2010 16:00	09/22/2010 15:00	16.679	0.23706	0.386	16.53	0.422	13.43	45.2521	104.7651694	104.765054	0.166790	104.827360	
2010	265	1700	265.708333333	09/22/2010 17:00	09/22/2010 16:00	17.082	0.24279	0.386	16.53	0.422	13.44	45.2389	104.7691899	104.769075	0.170820	104.831390	
2010	265	1800	265.750000000	09/22/2010 18:00	09/22/2010 17:00	16.829	0.23919	0.386	16.53	0.422	13.35	45.2472	104.7666659	104.766551	0.168290	104.828860	
2010	265	1900	265.791666667	09/22/2010 19:00	09/22/2010 18:00	16.837	0.23931	0.386	16.53	0.422	13.27	45.2469	104.7667457	104.766630	0.168370	104.828940	
2010	265	2000	265.833333333	09/22/2010 20:00	09/22/2010 19:00	16.855	0.23956	0.386	16.52	0.422	13.22	45.2463	104.7669253	104.766810	0.168550	104.829120	
2010	265	2100	265.875000000	09/22/2010 21:00	09/22/2010 20:00	16.859	0.23962	0.386	16.52	0.422	13.19	45.2462	104.7669652	104.766850	0.168590	104.829160	
2010	265	2200	265.916666667	09/22/2010 22:00	09/22/2010 21:00	16.757	0.23817	0.386	16.53	0.421	13.16	45.2495	104.7659476	104.765832	0.167570	104.828140	
2010	265	2300	265.958333333	09/22/2010 23:00	09/22/2010 22:00	16.64	0.23651	0.386	16.52	0.422	13.13	45.2533	104.7647803	104.764665	0.166400	104.826970	
2010	265	2400	266.000000000	09/23/2010 0:00	09/22/2010 23:00	16.569	0.23550	0.386	16.52	0.422	13.11	45.2557	104.7640719	104.763957	0.165690	104.826260	
2010	266	100	266.041666667	09/23/2010 1:00	09/23/2010 0:00	16.558	0.23534	0.386	16.53	0.421	13.09	45.2560	104.7639622	104.763847	0.165580	104.826150	
2010	266	200	266.083333333	09/23/2010 2:00	09/23/2010 1:00	16.478	0.23421	0.386	16.53	0.421	13.09	45.2586	104.7631641	104.763049	0.164780	104.825350	
2010	266	300	266.125000000	09/23/2010 3:00	09/23/2010 2:00	16.503	0.23456	0.386	16.52	0.421	13.07	45.2578	104.7634135	104.763298	0.165030	104.825600	
2010	266	400	266.166666667	09/23/2010 4:00	09/23/2010 3:00	16.271	0.23126	0.386	16.53	0.421	13.06	45.2654	104.7610989	104.760984	0.162710	104.823280	
2010	266	500	266.208333333	09/23/2010 5:00	09/23/2010 4:00	16.248	0.23094	0.386	16.54	0.421	13.04	45.2662	104.7608695	104.760754	0.162480	104.823050	
2010	266	600	266.250000000	09/23/2010 6:00	09/23/2010 5:00	16.072	0.22843	0.385	16.54	0.421	13.04	45.2719	104.7591136	104.758998	0.160720	104.821290	
2010	266	700	266.291666667	09/23/2010 7:00	09/23/2010 6:00	16.048	0.22809	0.385	16.54	0.421	13.44	45.2727	104.7588741	104.758759	0.160480	104.821050	
2010	266	800	266.333333333	09/23/2010 8:00	09/23/2010 7:00	15.422	0.21920	0.385	16.53	0.421	13.71	45.2932	104.7526288	104.752513	0.154220	104.814790	
2010	266	900	266.375000000	09/23/2010 9:00	09/23/2010 8:00	15.231	0.21648	0.385	16.54	0.421	13.64	45.2995	104.7507233	104.750608	0.152310	104.812880	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	266	1000	266.416666667	09/23/2010 10:00	09/23/2010 9:00	15.19	0.21590	0.386	16.53	0.421	13.6	45.3008	104.7503142	104.750199	0.151900	104.812470	
2010	266	1100	266.458333333	09/23/2010 11:00	09/23/2010 10:00	15.058	0.21402	0.386	16.53	0.421	13.59	45.3051	104.7489973	104.748882	0.150580	104.811150	
2010	266	1200	266.500000000	09/23/2010 12:00	09/23/2010 11:00	14.951	0.21250	0.386	16.52	0.421	13.57	45.3086	104.7479298	104.747814	0.149510	104.810080	
2010	266	1300	266.541666667	09/23/2010 13:00	09/23/2010 12:00	15.021	0.21350	0.385	16.53	0.421	13.59	45.3063	104.7486282	104.748513	0.150210	104.810780	
2010	266	1400	266.583333333	09/23/2010 14:00	09/23/2010 13:00	14.718	0.20919	0.385	16.53	0.421	13.61	45.3163	104.7456053	104.745490	0.147180	104.807750	
2010	266	1500	266.625000000	09/23/2010 15:00	09/23/2010 14:00	14.629	0.20793	0.385	16.53	0.421	13.65	45.3192	104.7447173	104.744602	0.146290	104.806860	
2010	266	1600	266.666666667	09/23/2010 16:00	09/23/2010 15:00	14.736	0.20945	0.385	16.52	0.421	13.53	45.3157	104.7457848	104.745669	0.147360	104.807930	
2010	266	1700	266.708333333	09/23/2010 17:00	09/23/2010 16:00	14.866	0.21129	0.385	16.53	0.421	13.4	45.3114	104.7470818	104.746966	0.148660	104.809230	
2010	266	1800	266.750000000	09/23/2010 18:00	09/23/2010 17:00	15.007	0.21330	0.385	16.53	0.421	13.33	45.3068	104.7484885	104.748373	0.150070	104.810640	
2010	266	1900	266.791666667	09/23/2010 19:00	09/23/2010 18:00	15.196	0.21598	0.385	16.52	0.421	13.28	45.3006	104.7503741	104.750259	0.151960	104.812530	
2010	266	2000	266.833333333	09/23/2010 20:00	09/23/2010 19:00	15.409	0.21901	0.385	16.53	0.421	13.24	45.2936	104.7524991	104.752384	0.154090	104.814660	
2010	266	2100	266.875000000	09/23/2010 21:00	09/23/2010 20:00	15.643	0.22234	0.385	16.52	0.421	13.2	45.2860	104.7548336	104.754718	0.156430	104.817000	
2010	266	2200	266.916666667	09/23/2010 22:00	09/23/2010 21:00	16.007	0.22751	0.385	16.54	0.421	13.18	45.2741	104.7584651	104.758350	0.160070	104.820640	
2010	266	2300	266.958333333	09/23/2010 23:00	09/23/2010 22:00	16.488	0.23435	0.385	16.52	0.421	13.16	45.2583	104.7632638	104.763148	0.164880	104.825450	
2010	266	2400	267.000000000	09/24/2010 0:00	09/23/2010 23:00	16.898	0.24018	0.385	16.53	0.421	13.14	45.2449	104.7673543	104.767239	0.168980	104.829550	
2010	267	100	267.041666667	09/24/2010 1:00	09/24/2010 0:00	17.402	0.24734	0.385	16.52	0.421	13.12	45.2284	104.7723825	104.772267	0.174020	104.834590	
2010	267	200	267.083333333	09/24/2010 2:00	09/24/2010 1:00	17.906	0.25450	0.385	16.52	0.421	13.11	45.2119	104.7774107	104.777295	0.179060	104.839630	
2010	267	300	267.125000000	09/24/2010 3:00	09/24/2010 2:00	18.575	0.26401	0.385	16.54	0.421	13.09	45.1900	104.784085	104.783970	0.185750	104.846320	
2010	267	400	267.166666667	09/24/2010 4:00	09/24/2010 3:00	19.174	0.27252	0.385	16.53	0.421	13.08	45.1704	104.790061	104.789946	0.191740	104.852310	
2010	267	500	267.208333333	09/24/2010 5:00	09/24/2010 4:00	19.578	0.27827	0.385	16.52	0.421	13.07	45.1572	104.7940916	104.793976	0.195780	104.856350	
2010	267	600	267.250000000	09/24/2010 6:00	09/24/2010 5:00	19.908	0.28296	0.385	16.53	0.421	13.05	45.1464	104.7973838	104.797268	0.199080	104.859650	
2010	267	700	267.291666667	09/24/2010 7:00	09/24/2010 6:00	19.274	0.27395	0.385	16.53	0.421	13.72	45.1671	104.7910587	104.790943	0.192740	104.853310	
2010	267	800	267.333333333	09/24/2010 8:00	09/24/2010 7:00	19.904	0.28290	0.385	16.53	0.421	13.73	45.1465	104.7973439	104.797229	0.199040	104.859610	
2010	267	900	267.375000000	09/24/2010 9:00	09/24/2010 8:00	19.431	0.27618	0.385	16.54	0.421	13.66	45.1620	104.792625	104.792510	0.194310	104.854880	
2010	267	1000	267.416666667	09/24/2010 10:00	09/24/2010 9:00	20.056	0.28506	0.385	16.54	0.421	13.58	45.1415	104.7988604	104.798745	0.200560	104.861130	
2010	267	1100	267.458333333	09/24/2010 11:00	09/24/2010 10:00	19.38	0.27545	0.385	16.55	0.421	13.53	45.1637	104.7921162	104.792001	0.193800	104.854370	
2010	267	1200	267.500000000	09/24/2010 12:00	09/24/2010 11:00	19.361	0.27518	0.385	16.55	0.421	13.48	45.1643	104.7919266	104.791811	0.193610	104.854180	
2010	267	1300	267.541666667	09/24/2010 13:00	09/24/2010 12:00	19.506	0.27724	0.385	16.54	0.421	13.47	45.1595	104.7933732	104.793258	0.195060	104.855630	
2010	267	1400	267.583333333	09/24/2010 14:00	09/24/2010 13:00	19.365	0.27524	0.385	16.54	0.421	13.43	45.1642	104.7919665	104.791851	0.193650	104.854220	
2010	267	1500	267.625000000	09/24/2010 15:00	09/24/2010 14:00	19.177	0.27257	0.385	16.54	0.421	13.45	45.1703	104.7900909	104.789976	0.191770	104.852340	
2010	267	1600	267.666666667	09/24/2010 16:00	09/24/2010 15:00	19.693	0.27990	0.385	16.54	0.421	13.44	45.1534	104.7952389	104.795124	0.196930	104.857500	
2010	267	1700	267.708333333	09/24/2010 17:00	09/24/2010 16:00	19.716	0.28023	0.385	16.52	0.421	13.45	45.1527	104.7954683	104.795353	0.197160	104.857730	
2010	267	1800	267.750000000	09/24/2010 18:00	09/24/2010 17:00	20.758	0.29504	0.385	16.51	0.421	13.33	45.1186	104.8058639	104.805749	0.207580	104.868150	
2010	267	1900	267.791666667	09/24/2010 19:00	09/24/2010 18:00	21.213	0.30151	0.385	16.52	0.421	13.25	45.1037	104.8104033	104.810288	0.212130	104.872700	
2010	267	2000	267.833333333	09/24/2010 20:00	09/24/2010 19:00	21.81	0.30999	0.385	16.53	0.421	13.21	45.0841	104.8163593	104.816244	0.218100	104.878670	
2010	267	2100	267.875000000	09/24/2010 21:00	09/24/2010 20:00	22.354	0.31772	0.385	16.53	0.421	13.18	45.0663	104.8217866	104.821671	0.223540	104.884110	
2010	267	2200	267.916666667	09/24/2010 22:00	09/24/2010 21:00	22.979	0.32661	0.385	16.52	0.421	13.14	45.0459	104.828022	104.827907	0.229790	104.890360	
2010	267	2300	267.958333333	09/24/2010 23:00	09/24/2010 22:00	23.347	0.33184	0.385	16.53	0.421	13.13	45.0338	104.8316934	104.831578	0.233470	104.894040	
2010	267	2400	268.000000000	09/25/2010 0:00	09/24/2010 23:00	23.677	0.33653	0.385	16.52	0.421	13.1	45.0230	104.8349857	104.834870	0.236770	104.897340	
2010	268	100	268.041666667	09/25/2010 1:00	09/25/2010 0:00	23.952	0.34044	0.385	16.54	0.421	13.09	45.0140	104.8377292	104.837614	0.239520	104.900090	
2010	268	200	268.083333333	09/25/2010 2:00	09/25/2010 1:00	24.154	0.34331	0.386	16.54	0.421	13.08	45.0074	104.8397445	104.839629	0.241540	104.902110	
2010	268	300	268.125000000	09/25/2010 3:00	09/25/2010 2:00	24.354	0.34615	0.385	16.52	0.421	13.06	45.0009	104.8417398	104.841624	0.243540	104.904110	
2010	268	400	268.166666667	09/25/2010 4:00	09/25/2010 3:00	24.652	0.35038	0.385	16.53	0.421	13.04	44.9911	104.8447128	104.844597	0.246520	104.907090	
2010	268	500	268.208333333	09/25/2010 5:00	09/25/2010 4:00	24.818	0.35274	0.385	16.51	0.421	13.03	44.9857	104.846369	104.846254	0.248180	104.908750	
2010	268	600	268.250000000	09/25/2010 6:00	09/25/2010 5:00	25.055	0.35611	0.385	16.52	0.421	13.02	44.9779	104.8487334	104.848618	0.250550	104.911120	
2010	268	700	268.291666667	09/25/2010 7:00	09/25/2010 6:00	24.746	0.35172	0.385	16.53	0.421	13.74	44.9880	104.8456506	104.845535	0.247460	104.908030	
2010	268	800	268.333333333	09/25/2010 8:00	09/25/2010 7:00	24.621	0.34994	0.385	16.52	0.421	13.7	44.9921	104.8444036	104.844288	0.246210	104.906780	
2010	268	900	268.375000000	09/25/2010 9:00	09/25/2010 8:00	24.927	0.35429	0.385	16.53	0.421	13.63	44.9821	104.8474564	104.847341	0.249270	104.909840	
2010	268	1000	268.416666667	09/25/2010 10:00	09/25/2010 9:00	25.373	0.36063	0.385	16.53	0.421	13.56	44.9675	104.851906	104.851791	0.253730	104.914300	
2010	268	1100	268.458333333	09/25/2010 11:00	09/25/2010 10:00	24.752	0.35181	0.385	16.55	0.421	13.5	44.9878	104.8457105	104.845595	0.247520	104.908090	
2010	268	1200	268.500000000	09/25/2010 12:00	09/25/2010 11:00	24.335	0.34588	0.385	16.53	0.421	13.45	45.0015	104.8415503	104.841435	0.243350	104.903920	
2010	268	1300	268.541666667	09/25/2010 13:00	09/25/2010 12:00	24.516	0.34845	0.385	16.55	0.421	13.42	44.9956	104.843356	104.843241	0.245160	104.905730	
2010	268	1400	268.583333333	09/25/2010 14:00	09/25/2010 13:00	23.945	0.34034	0.386	16.53	0.421	13.37	45.0142	104.8376594	104.837544	0.239450	104.900020	
2010	268	1500	268.625000000	09/25/2010 15:00	09/25/2010 14:00	24.315	0.34559	0.385	16.53	0.421	13.33	45.0021	104.8413507	104.841235	0.243150	104.903720	
2010	268	1600	268.666666667	09/25/2010 16:00	09/25/2010 15:00	23.717	0.33710	0.386	16.53	0.421	13.33	45.0217	104.8353847	104.835269	0.237170	104.897740	
2010	268	1700	268.708333333	09/25/2010 17:00	09/25/2010 16:00	24.127	0.34292	0.386	16.56	0.421	13.35	45.0083	104.8394751	104.839360	0.241270	104.901840	
2010	268	1800	268.750000000	09/25/2010 18:00	09/25/2010 17:00	24.602	0.34967	0.385	16.51	0.421	13.26	44.9927	104.844214	104.844099	0.246020	104.906590	
2010	268	1900	268.791666667	09/25/2010 19:00	09/25/2010 18:00	24.441	0.34739	0.385	16.55	0.421	13.2	44.9980	104.8426078	104.842492	0.244410	104.904980	
2010	268	2000	268.833333333	09/25/2010 20:00	09/25/2010 19:00	24.424	0.34714	0.385	16.52	0.421	13.15	44.9986	104.8424382	104.842323	0.244240	104.904810	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	268	2100	268.875000000	09/25/2010 21:00	09/25/2010 20:00	24.465	0.34773	0.385	16.52	0.421	13.13	44.9972	104.8428472	104.842732	0.244650	104.905220	
2010	268	2200	268.916666667	09/25/2010 22:00	09/25/2010 21:00	24.668	0.35061	0.385	16.51	0.421	13.1	44.9906	104.8448725	104.844757	0.246680	104.907250	
2010	268	2300	268.958333333	09/25/2010 23:00	09/25/2010 22:00	24.909	0.35404	0.385	16.54	0.421	13.09	44.9827	104.8472768	104.847161	0.249090	104.909660	
2010	268	2400	269.000000000	09/26/2010 0:00	09/25/2010 23:00	25.166	0.35769	0.385	16.54	0.421	13.07	44.9743	104.8498408	104.849725	0.251660	104.912230	
2010	269	100	269.041666667	09/26/2010 1:00	09/26/2010 0:00	25.494	0.36235	0.385	16.53	0.421	13.06	44.9635	104.8531131	104.852998	0.254940	104.915510	
2010	269	200	269.083333333	09/26/2010 2:00	09/26/2010 1:00	25.625	0.36421	0.385	16.53	0.421	13.05	44.9593	104.8544201	104.854305	0.256250	104.916820	
2010	269	300	269.125000000	09/26/2010 3:00	09/26/2010 2:00	25.941	0.36871	0.385	16.53	0.421	13.04	44.9489	104.8575727	104.857457	0.259410	104.919980	
2010	269	400	269.166666667	09/26/2010 4:00	09/26/2010 3:00	26.103	0.37101	0.385	16.51	0.421	13.03	44.9436	104.8591889	104.859074	0.261030	104.921600	
2010	269	500	269.208333333	09/26/2010 5:00	09/26/2010 4:00	26.254	0.37315	0.385	16.5	0.421	13.03	44.9387	104.8606954	104.860580	0.262540	104.923110	
2010	269	600	269.250000000	09/26/2010 6:00	09/26/2010 5:00	26.383	0.37499	0.385	16.53	0.421	13.03	44.9344	104.8619823	104.861867	0.263830	104.924400	
2010	269	700	269.291666667	09/26/2010 7:00	09/26/2010 6:00	26.452	0.37597	0.385	16.53	0.421	13.03	44.9322	104.8626707	104.862555	0.264520	104.925090	
2010	269	800	269.333333333	09/26/2010 8:00	09/26/2010 7:00	26.332	0.37426	0.385	16.53	0.421	13.33	44.9361	104.8614735	104.861358	0.263320	104.923890	
2010	269	900	269.375000000	09/26/2010 9:00	09/26/2010 8:00	26.235	0.37288	0.385	16.52	0.421	13.53	44.9393	104.8605058	104.860390	0.262350	104.922920	
2010	269	1000	269.416666667	09/26/2010 10:00	09/26/2010 9:00	26.017	0.36979	0.385	16.53	0.421	13.49	44.9464	104.8583309	104.858216	0.260170	104.920740	
2010	269	1100	269.458333333	09/26/2010 11:00	09/26/2010 10:00	25.693	0.36518	0.385	16.54	0.421	13.45	44.9570	104.8550985	104.854983	0.256930	104.917500	
2010	269	1200	269.500000000	09/26/2010 12:00	09/26/2010 11:00	25.639	0.36441	0.385	16.52	0.421	13.35	44.9588	104.8545597	104.854444	0.256390	104.916960	
2010	269	1300	269.541666667	09/26/2010 13:00	09/26/2010 12:00	26.047	0.37021	0.385	16.53	0.421	13.34	44.9454	104.8586302	104.858515	0.260470	104.921040	
2010	269	1400	269.583333333	09/26/2010 14:00	09/26/2010 13:00	25.123	0.35708	0.385	16.53	0.421	13.33	44.9757	104.8494118	104.849296	0.251230	104.911800	
2010	269	1500	269.625000000	09/26/2010 15:00	09/26/2010 14:00	25.461	0.36188	0.385	16.55	0.421	13.34	44.9646	104.8527839	104.852669	0.254610	104.915180	
2010	269	1600	269.666666667	09/26/2010 16:00	09/26/2010 15:00	25.299	0.35958	0.385	16.55	0.421	13.34	44.9699	104.8511677	104.851052	0.252990	104.913560	
2010	269	1700	269.708333333	09/26/2010 17:00	09/26/2010 16:00	24.96	0.35476	0.385	16.54	0.42	13.28	44.9810	104.8477856	104.847670	0.249600	104.910170	
2010	269	1800	269.750000000	09/26/2010 18:00	09/26/2010 17:00	24.814	0.35269	0.385	16.52	0.42	13.18	44.9858	104.846329	104.846214	0.248140	104.908710	
2010	269	1900	269.791666667	09/26/2010 19:00	09/26/2010 18:00	24.551	0.34895	0.385	16.53	0.42	13.15	44.9944	104.8437052	104.843590	0.245510	104.906080	
2010	269	2000	269.833333333	09/26/2010 20:00	09/26/2010 19:00	24.33	0.34581	0.385	16.53	0.42	13.11	45.0016	104.8415004	104.841385	0.243300	104.903870	
2010	269	2100	269.875000000	09/26/2010 21:00	09/26/2010 20:00	24.102	0.34257	0.385	16.52	0.421	13.09	45.0091	104.8392257	104.839110	0.241020	104.901590	
2010	269	2200	269.916666667	09/26/2010 22:00	09/26/2010 21:00	23.893	0.33960	0.385	16.53	0.42	13.07	45.0159	104.8371406	104.837025	0.238930	104.899500	
2010	269	2300	269.958333333	09/26/2010 23:00	09/26/2010 22:00	23.578	0.33512	0.385	16.54	0.421	13.06	45.0263	104.833998	104.833883	0.235780	104.896350	
2010	269	2400	270.000000000	09/27/2010 0:00	09/26/2010 23:00	23.379	0.33229	0.385	16.53	0.42	13.05	45.0328	104.8320126	104.831897	0.233790	104.894360	
2010	270	100	270.041666667	09/27/2010 1:00	09/27/2010 0:00	23.16	0.32918	0.385	16.52	0.421	13.03	45.0399	104.8298277	104.829712	0.231600	104.892170	
2010	270	200	270.083333333	09/27/2010 2:00	09/27/2010 1:00	22.954	0.32625	0.385	16.55	0.42	13.02	45.0467	104.8277726	104.827657	0.229540	104.890110	
2010	270	300	270.125000000	09/27/2010 3:00	09/27/2010 2:00	22.696	0.32258	0.385	16.54	0.421	13.02	45.0551	104.8251986	104.825083	0.226960	104.887530	
2010	270	400	270.166666667	09/27/2010 4:00	09/27/2010 3:00	22.556	0.32059	0.385	16.52	0.42	13.02	45.0597	104.8238019	104.823687	0.225560	104.886130	
2010	270	500	270.208333333	09/27/2010 5:00	09/27/2010 4:00	22.368	0.31792	0.385	16.54	0.42	13.02	45.0659	104.8219263	104.821811	0.223680	104.884250	
2010	270	600	270.250000000	09/27/2010 6:00	09/27/2010 5:00	22.122	0.31443	0.385	16.52	0.42	13.02	45.0739	104.819472	104.819357	0.221220	104.881790	
2010	270	700	270.291666667	09/27/2010 7:00	09/27/2010 6:00	21.525	0.30594	0.385	16.53	0.42	13.14	45.0935	104.813516	104.813401	0.215250	104.875820	
2010	270	800	270.333333333	09/27/2010 8:00	09/27/2010 7:00	21.501	0.30560	0.385	16.53	0.42	13.53	45.0942	104.8132766	104.813161	0.215010	104.875580	
2010	270	900	270.375000000	09/27/2010 9:00	09/27/2010 8:00	21.144	0.30052	0.384	16.53	0.42	13.47	45.1059	104.8097149	104.809600	0.211440	104.872010	
2010	270	1000	270.416666667	09/27/2010 10:00	09/27/2010 9:00	20.655	0.29357	0.384	16.54	0.42	13.41	45.1219	104.8048364	104.804721	0.206550	104.867120	
2010	270	1100	270.458333333	09/27/2010 11:00	09/27/2010 10:00	19.652	0.27932	0.384	16.52	0.42	13.35	45.1548	104.7948298	104.794714	0.196520	104.857090	
2010	270	1200	270.500000000	09/27/2010 12:00	09/27/2010 11:00	20.103	0.28573	0.385	16.53	0.42	13.31	45.1400	104.7993293	104.799214	0.201030	104.861600	
2010	270	1300	270.541666667	09/27/2010 13:00	09/27/2010 12:00	19.302	0.27434	0.385	16.54	0.42	13.29	45.1662	104.791338	104.791223	0.193020	104.853590	
2010	270	1400	270.583333333	09/27/2010 14:00	09/27/2010 13:00	19.054	0.27082	0.384	16.52	0.42	13.26	45.1743	104.7888638	104.788748	0.190540	104.851110	
2010	270	1500	270.625000000	09/27/2010 15:00	09/27/2010 14:00	18.243	0.25929	0.385	16.55	0.42	13.23	45.2009	104.7807728	104.780657	0.182430	104.843000	
2010	270	1600	270.666666667	09/27/2010 16:00	09/27/2010 15:00	19.376	0.27540	0.384	16.56	0.42	13.23	45.1638	104.7920763	104.791961	0.193760	104.854330	
2010	270	1700	270.708333333	09/27/2010 17:00	09/27/2010 16:00	19.751	0.28073	0.385	16.55	0.42	13.26	45.1515	104.7958175	104.795702	0.197510	104.858080	
2010	270	1800	270.750000000	09/27/2010 18:00	09/27/2010 17:00	20.986	0.29828	0.385	16.53	0.42	13.17	45.1111	104.8081386	104.808023	0.209860	104.870430	
2010	270	1900	270.791666667	09/27/2010 19:00	09/27/2010 18:00	21.604	0.30706	0.385	16.53	0.42	13.11	45.0909	104.8143042	104.814189	0.216040	104.876610	
2010	270	2000	270.833333333	09/27/2010 20:00	09/27/2010 19:00	22.303	0.31700	0.385	16.54	0.42	13.09	45.0680	104.8212778	104.821162	0.223030	104.883600	
2010	270	2100	270.875000000	09/27/2010 21:00	09/27/2010 20:00	22.867	0.32501	0.385	16.54	0.42	13.07	45.0495	104.8269046	104.826789	0.228670	104.889240	
2010	270	2200	270.916666667	09/27/2010 22:00	09/27/2010 21:00	23.423	0.33292	0.385	16.51	0.42	13.06	45.0313	104.8324516	104.832336	0.234230	104.894800	
2010	270	2300	270.958333333	09/27/2010 23:00	09/27/2010 22:00	23.826	0.33864	0.385	16.52	0.42	13.04	45.0181	104.8364722	104.836357	0.238260	104.898830	
2010	270	2400	271.000000000	09/28/2010 0:00	09/27/2010 23:00	24.266	0.34490	0.385	16.52	0.421	13.02	45.0037	104.8408619	104.840747	0.242660	104.903230	
2010	271	100	271.041666667	09/28/2010 1:00	09/28/2010 0:00	24.712	0.35124	0.385	16.53	0.42	13.03	44.9891	104.8453114	104.845196	0.247120	104.907690	
2010	271	200	271.083333333	09/28/2010 2:00	09/28/2010 1:00	25.018	0.35559	0.385	16.53	0.42	13.01	44.9791	104.8483643	104.848249	0.250180	104.910750	
2010	271	300	271.125000000	09/28/2010 3:00	09/28/2010 2:00	25.407	0.36112	0.385	16.53	0.42	13.01	44.9664	104.8522452	104.852130	0.254070	104.914640	
2010	271	400	271.166666667	09/28/2010 4:00	09/28/2010 3:00	25.634	0.36434	0.385	16.53	0.42	13	44.9590	104.8545099	104.854395	0.256340	104.916910	
2010	271	500	271.208333333	09/28/2010 5:00	09/28/2010 4:00	25.673	0.36490	0.385	16.52	0.42	13	44.9577	104.854899	104.854784	0.256730	104.917300	
2010	271	600	271.250000000	09/28/2010 6:00	09/28/2010 5:00	25.522	0.36275	0.385	16.53	0.42	12.99	44.9626	104.8533925	104.853277	0.255220	104.915790	
2010	271	700	271.291666667	09/28/2010 7:00	09/28/2010 6:00	25.074	0.35638	0.385	16.53	0.42	13.3	44.9773	104.848923	104.848808	0.250740	104.911310	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	271	800	271.333333333	09/28/2010 8:00	09/28/2010 7:00	24.42	0.34709	0.385	16.54	0.42	13.52	44.9987	104.8423983	104.842283	0.244200	104.904770	
2010	271	900	271.375000000	09/28/2010 9:00	09/28/2010 8:00	24.283	0.34514	0.385	16.53	0.42	13.47	45.0032	104.8410315	104.840916	0.242830	104.903400	
2010	271	1000	271.416666667	09/28/2010 10:00	09/28/2010 9:00	23.969	0.34068	0.385	16.56	0.42	13.41	45.0135	104.8378988	104.837783	0.239690	104.900260	
2010	271	1100	271.458333333	09/28/2010 11:00	09/28/2010 10:00	23.271	0.33076	0.385	16.53	0.42	13.35	45.0363	104.8309351	104.830820	0.232710	104.893280	
2010	271	1200	271.500000000	09/28/2010 12:00	09/28/2010 11:00	23.121	0.32862	0.384	16.53	0.42	13.31	45.0412	104.8294387	104.829323	0.231210	104.891780	
2010	271	1300	271.541666667	09/28/2010 13:00	09/28/2010 12:00	22.201	0.31555	0.384	16.54	0.42	13.27	45.0713	104.8202602	104.820145	0.222010	104.882580	
2010	271	1400	271.583333333	09/28/2010 14:00	09/28/2010 13:00	22.114	0.31431	0.384	16.54	0.42	13.23	45.0742	104.8193922	104.819277	0.221140	104.881710	
2010	271	1500	271.625000000	09/28/2010 15:00	09/28/2010 14:00	21.725	0.30878	0.384	16.54	0.42	13.22	45.0869	104.8155113	104.815396	0.217250	104.877820	
2010	271	1600	271.666666667	09/28/2010 16:00	09/28/2010 15:00	21.806	0.30993	0.384	16.55	0.42	13.21	45.0843	104.8163194	104.816204	0.218060	104.878630	
2010	271	1700	271.708333333	09/28/2010 17:00	09/28/2010 16:00	22.637	0.32174	0.384	16.54	0.42	13.23	45.0571	104.82461	104.824495	0.226370	104.886940	
2010	271	1800	271.750000000	09/28/2010 18:00	09/28/2010 17:00	23.321	0.33147	0.384	16.53	0.42	13.15	45.0347	104.831434	104.831319	0.233210	104.893780	
2010	271	1900	271.791666667	09/28/2010 19:00	09/28/2010 18:00	23.824	0.33862	0.384	16.55	0.42	13.1	45.0182	104.8364522	104.836337	0.238240	104.898810	
2010	271	2000	271.833333333	09/28/2010 20:00	09/28/2010 19:00	24.303	0.34542	0.384	16.54	0.42	13.07	45.0025	104.841231	104.841116	0.243030	104.903600	
2010	271	2100	271.875000000	09/28/2010 21:00	09/28/2010 20:00	24.529	0.34864	0.384	16.54	0.42	13.06	44.9951	104.8434857	104.843370	0.245290	104.905860	
2010	271	2200	271.916666667	09/28/2010 22:00	09/28/2010 21:00	24.724	0.35141	0.384	16.55	0.42	13.04	44.9887	104.8454312	104.845316	0.247240	104.907810	
2010	271	2300	271.958333333	09/28/2010 23:00	09/28/2010 22:00	24.692	0.35095	0.384	16.53	0.42	13.03	44.9898	104.8451119	104.844997	0.246920	104.907490	
2010	271	2400	272.000000000	09/29/2010 0:00	09/28/2010 23:00	24.636	0.35016	0.384	16.53	0.42	13.02	44.9916	104.8445532	104.844438	0.246360	104.906930	
2010	272	100	272.041666667	09/29/2010 1:00	09/29/2010 0:00	24.711	0.35122	0.385	16.53	0.42	13.02	44.9892	104.8453015	104.845186	0.247110	104.907680	
2010	272	200	272.083333333	09/29/2010 2:00	09/29/2010 1:00	24.891	0.35378	0.385	16.53	0.42	13.01	44.9833	104.8470972	104.846982	0.248910	104.909480	
2010	272	300	272.125000000	09/29/2010 3:00	09/29/2010 2:00	25.178	0.35786	0.384	16.51	0.42	12.99	44.9739	104.8499605	104.849845	0.251780	104.912350	
2010	272	400	272.166666667	09/29/2010 4:00	09/29/2010 3:00	25.616	0.36409	0.384	16.52	0.42	12.99	44.9595	104.8543303	104.854215	0.256160	104.916730	
2010	272	500	272.208333333	09/29/2010 5:00	09/29/2010 4:00	25.985	0.36933	0.384	16.54	0.42	12.99	44.9475	104.8580117	104.857896	0.259850	104.920420	
2010	272	600	272.250000000	09/29/2010 6:00	09/29/2010 5:00	26.42	0.37551	0.384	16.52	0.42	12.98	44.9332	104.8623515	104.862236	0.264200	104.924770	
2010	272	700	272.291666667	09/29/2010 7:00	09/29/2010 6:00	26.21	0.37253	0.384	16.53	0.42	13.39	44.9401	104.8602564	104.860141	0.262100	104.922670	
2010	272	800	272.333333333	09/29/2010 8:00	09/29/2010 7:00	26.451	0.37595	0.384	16.52	0.42	13.61	44.9322	104.8626607	104.862545	0.264510	104.925080	
2010	272	900	272.375000000	09/29/2010 9:00	09/29/2010 8:00	26.744	0.38012	0.384	16.54	0.42	13.54	44.9226	104.8655839	104.865469	0.267440	104.928010	
2010	272	1000	272.416666667	09/29/2010 10:00	09/29/2010 9:00	26.896	0.38228	0.384	16.55	0.42	13.49	44.9176	104.8671003	104.866985	0.268960	104.929530	
2010	272	1100	272.458333333	09/29/2010 11:00	09/29/2010 10:00	26.253	0.37314	0.385	16.56	0.42	13.43	44.9387	104.8606854	104.860570	0.262530	104.923100	
2010	272	1200	272.500000000	09/29/2010 12:00	09/29/2010 11:00	26.737	0.38002	0.385	16.53	0.42	13.37	44.9229	104.8655141	104.865399	0.267370	104.927940	
2010	272	1300	272.541666667	09/29/2010 13:00	09/29/2010 12:00	26.411	0.37539	0.384	16.51	0.42	13.35	44.9335	104.8622617	104.862146	0.264110	104.924680	
2010	272	1400	272.583333333	09/29/2010 14:00	09/29/2010 13:00	26.292	0.37369	0.384	16.55	0.42	13.33	44.9374	104.8610745	104.860959	0.262920	104.923490	
2010	272	1500	272.625000000	09/29/2010 15:00	09/29/2010 14:00	26.618	0.37833	0.384	16.53	0.42	13.31	44.9267	104.8643268	104.864211	0.266180	104.926750	
2010	272	1600	272.666666667	09/29/2010 16:00	09/29/2010 15:00	26.544	0.37728	0.384	16.53	0.42	13.31	44.9292	104.8635886	104.863473	0.265440	104.926010	
2010	272	1700	272.708333333	09/29/2010 17:00	09/29/2010 16:00	26.84	0.38148	0.384	16.52	0.42	13.32	44.9195	104.8665416	104.866426	0.268400	104.928970	
2010	272	1800	272.750000000	09/29/2010 18:00	09/29/2010 17:00	27.232	0.38705	0.384	16.52	0.42	13.22	44.9067	104.8704525	104.870337	0.272320	104.932890	
2010	272	1900	272.791666667	09/29/2010 19:00	09/29/2010 18:00	27.291	0.38789	0.384	16.52	0.42	13.16	44.9047	104.8710411	104.870926	0.272910	104.933480	
2010	272	2000	272.833333333	09/29/2010 20:00	09/29/2010 19:00	27.312	0.38819	0.384	16.53	0.42	13.12	44.9040	104.8712506	104.871135	0.273120	104.933690	
2010	272	2100	272.875000000	09/29/2010 21:00	09/29/2010 20:00	27.374	0.38907	0.384	16.53	0.42	13.1	44.9020	104.8718692	104.871754	0.273740	104.934310	
2010	272	2200	272.916666667	09/29/2010 22:00	09/29/2010 21:00	27.775	0.39477	0.384	16.53	0.42	13.08	44.8889	104.8758698	104.875754	0.277750	104.938320	
2010	272	2300	272.958333333	09/29/2010 23:00	09/29/2010 22:00	28.237	0.40134	0.384	16.53	0.42	13.06	44.8738	104.880479	104.880364	0.282370	104.942940	
2010	272	2400	273.000000000	09/30/2010 0:00	09/29/2010 23:00	28.754	0.40869	0.384	16.53	0.42	13.04	44.8568	104.8856369	104.885522	0.287540	104.948110	
2010	273	100	273.041666667	09/30/2010 1:00	09/30/2010 0:00	29.356	0.41724	0.385	16.52	0.42	13.04	44.8371	104.8916428	104.891527	0.293560	104.954130	
2010	273	200	273.083333333	09/30/2010 2:00	09/30/2010 1:00	30.089	0.42766	0.385	16.53	0.42	13.03	44.8131	104.8989556	104.898840	0.300890	104.961460	
2010	273	300	273.125000000	09/30/2010 3:00	09/30/2010 2:00	30.857	0.43858	0.384	16.53	0.42	13.01	44.7880	104.9066177	104.906502	0.308570	104.969140	
2010	273	400	273.166666667	09/30/2010 4:00	09/30/2010 3:00	31.637	0.44966	0.384	16.51	0.42	13	44.7625	104.9143994	104.914284	0.316370	104.976940	
2010	273	500	273.208333333	09/30/2010 5:00	09/30/2010 4:00	32.273	0.45870	0.384	16.53	0.419	12.99	44.7417	104.9207445	104.920629	0.322730	104.983300	
2010	273	600	273.250000000	09/30/2010 6:00	09/30/2010 5:00	32.927	0.46800	0.384	16.53	0.419	12.99	44.7202	104.9272692	104.927154	0.329270	104.989840	
2010	273	700	273.291666667	09/30/2010 7:00	09/30/2010 6:00	32.847	0.46686	0.383	16.53	0.419	13.52	44.7229	104.9264711	104.926356	0.328470	104.989040	
2010	273	800	273.333333333	09/30/2010 8:00	09/30/2010 7:00	33.033	0.46951	0.383	16.53	0.419	13.64	44.7168	104.9283268	104.928211	0.330330	104.990900	
2010	273	900	273.375000000	09/30/2010 9:00	09/30/2010 8:00	33.815	0.48062	0.383	16.52	0.419	13.56	44.6912	104.9361285	104.936013	0.338150	104.998720	
2010	273	1000	273.416666667	09/30/2010 10:00	09/30/2010 9:00	34.221	0.48639	0.383	16.53	0.419	13.49	44.6779	104.940179	104.940064	0.342210	105.002780	
2010	273	1100	273.458333333	09/30/2010 11:00	09/30/2010 10:00	33.846	0.48106	0.383	16.55	0.419	13.44	44.6902	104.9364377	104.936322	0.338460	104.999030	
2010	273	1200	273.500000000	09/30/2010 12:00	09/30/2010 11:00	34.081	0.48440	0.383	16.52	0.419	13.41	44.6825	104.9387822	104.938667	0.340810	105.001380	
2010	273	1300	273.541666667	09/30/2010 13:00	09/30/2010 12:00	34.095	0.48460	0.383	16.51	0.419	13.37	44.6820	104.9389219	104.938807	0.340950	105.001520	
2010	273	1400	273.583333333	09/30/2010 14:00	09/30/2010 13:00	34.062	0.48413	0.383	16.53	0.418	13.33	44.6831	104.9385927	104.938477	0.340620	105.001190	
2010	273	1500	273.625000000	09/30/2010 15:00	09/30/2010 14:00	33.917	0.48207	0.383	16.51	0.419	13.29	44.6878	104.9371461	104.937031	0.339170	104.999740	
2010	273	1600	273.666666667	09/30/2010 16:00	09/30/2010 15:00	34.295	0.48744	0.383	16.53	0.419	13.28	44.6755	104.9409172	104.940802	0.342950	105.003520	
2010	273	1700	273.708333333	09/30/2010 17:00	09/30/2010 16:00	34.611	0.49193	0.383	16.54	0.419	13.29	44.6651	104.9440698	104.943954	0.346110	105.006680	
2010	273	1800	273.750000000	09/30/2010 18:00	09/30/2010 17:00	35.125	0.49924	0.383	16.54	0.419	13.18	44.6483	104.9491978	104.949082	0.351250	105.011820	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	273	1900	273.791666667	09/30/2010 19:00	09/30/2010 18:00	35.281	0.50146	0.383	16.53	0.419	13.13	44.6432	104.9507542	104.950639	0.352810	105.013380	
2010	273	2000	273.833333333	09/30/2010 20:00	09/30/2010 19:00	35.5	0.50457	0.383	16.51	0.419	13.11	44.6360	104.952939	104.952824	0.355000	105.015570	
2010	273	2100	273.875000000	09/30/2010 21:00	09/30/2010 20:00	35.646	0.50664	0.383	16.54	0.419	13.08	44.6312	104.9543956	104.954280	0.356460	105.017030	
2010	273	2200	273.916666667	09/30/2010 22:00	09/30/2010 21:00	35.64	0.50656	0.384	16.53	0.419	13.07	44.6314	104.9543358	104.954220	0.356400	105.016970	
2010	273	2300	273.958333333	09/30/2010 23:00	09/30/2010 22:00	35.56	0.50542	0.384	16.53	0.419	13.06	44.6341	104.9535376	104.953422	0.355600	105.016170	
2010	273	2400	274.000000000	10/01/2010 0:00	09/30/2010 23:00	35.318	0.50198	0.384	16.54	0.419	13.04	44.6420	104.9511233	104.951008	0.353180	105.013750	
2010	274	100	274.041666667	10/01/2010 1:00	10/01/2010 0:00	35.186	0.50011	0.384	16.53	0.42	13.03	44.6463	104.9498064	104.949691	0.351860	105.012430	
2010	274	200	274.083333333	10/01/2010 2:00	10/01/2010 1:00	35.127	0.49927	0.385	16.53	0.42	13.01	44.6482	104.9492178	104.949102	0.351270	105.011840	
2010	274	300	274.125000000	10/01/2010 3:00	10/01/2010 2:00	35.217	0.50055	0.385	16.52	0.42	13.01	44.6453	104.9501157	104.950000	0.352170	105.012740	
2010	274	400	274.166666667	10/01/2010 4:00	10/01/2010 3:00	35.55	0.50528	0.385	16.52	0.42	13	44.6344	104.9534379	104.953323	0.355500	105.016070	
2010	274	500	274.208333333	10/01/2010 5:00	10/01/2010 4:00	35.894	0.51017	0.385	16.52	0.42	12.99	44.6231	104.9568698	104.956754	0.358940	105.019510	
2010	274	600	274.250000000	10/01/2010 6:00	10/01/2010 5:00	36.094	0.51301	0.385	16.51	0.42	12.98	44.6166	104.9588651	104.958750	0.360940	105.021510	
2010	274	700	274.291666667	10/01/2010 7:00	10/01/2010 6:00	35.778	0.50852	0.385	16.54	0.42	13.36	44.6269	104.9557125	104.955597	0.357780	105.018350	
2010	274	800	274.333333333	10/01/2010 8:00	10/01/2010 7:00	35.924	0.51060	0.385	16.53	0.42	13.62	44.6221	104.9571691	104.957054	0.359240	105.019810	
2010	274	900	274.375000000	10/01/2010 9:00	10/01/2010 8:00	36.122	0.51341	0.385	16.53	0.42	13.55	44.6157	104.9591445	104.959029	0.361220	105.021790	
2010	274	1000	274.416666667	10/01/2010 10:00	10/01/2010 9:00	35.742	0.50801	0.384	16.51	0.42	13.49	44.6281	104.9553534	104.955238	0.357420	105.017990	
2010	274	1100	274.458333333	10/01/2010 11:00	10/01/2010 10:00	35.059	0.49830	0.385	16.51	0.42	13.43	44.6505	104.9485394	104.948424	0.350590	105.011160	
2010	274	1200	274.500000000	10/01/2010 12:00	10/01/2010 11:00	34.848	0.49530	0.385	16.56	0.42	13.37	44.6574	104.9464343	104.946319	0.348480	105.009050	
2010	274	1300	274.541666667	10/01/2010 13:00	10/01/2010 12:00	34.752	0.49394	0.385	16.53	0.42	13.33	44.6605	104.9454765	104.945361	0.347520	105.008090	
2010	274	1400	274.583333333	10/01/2010 14:00	10/01/2010 13:00	34.256	0.48689	0.385	16.56	0.421	13.31	44.6767	104.9405281	104.940413	0.342560	105.003130	
2010	274	1500	274.625000000	10/01/2010 15:00	10/01/2010 14:00	33.874	0.48146	0.385	16.53	0.421	13.29	44.6892	104.9367171	104.936602	0.338740	104.999310	
2010	274	1600	274.666666667	10/01/2010 16:00	10/01/2010 15:00	33.815	0.48062	0.385	16.55	0.421	13.28	44.6912	104.9361285	104.936013	0.338150	104.998720	
2010	274	1700	274.708333333	10/01/2010 17:00	10/01/2010 16:00	33.854	0.48117	0.385	16.52	0.421	13.31	44.6899	104.9365175	104.936402	0.338540	104.999110	
2010	274	1800	274.750000000	10/01/2010 18:00	10/01/2010 17:00	33.995	0.48318	0.385	16.53	0.421	13.2	44.6853	104.9379242	104.937809	0.339950	105.000520	
2010	274	1900	274.791666667	10/01/2010 19:00	10/01/2010 18:00	33.674	0.47862	0.385	16.54	0.421	13.15	44.6958	104.9347218	104.934606	0.336740	104.997310	
2010	274	2000	274.833333333	10/01/2010 20:00	10/01/2010 19:00	33.506	0.47623	0.385	16.52	0.421	13.11	44.7013	104.9330457	104.932930	0.335060	104.995630	
2010	274	2100	274.875000000	10/01/2010 21:00	10/01/2010 20:00	33.241	0.47246	0.385	16.54	0.42	13.08	44.7100	104.9304019	104.930287	0.332410	104.992980	
2010	274	2200	274.916666667	10/01/2010 22:00	10/01/2010 21:00	33.012	0.46921	0.385	16.54	0.421	13.07	44.7175	104.9281172	104.928002	0.330120	104.990690	
2010	274	2300	274.958333333	10/01/2010 23:00	10/01/2010 22:00	32.585	0.46314	0.385	16.52	0.42	13.05	44.7314	104.9238572	104.923742	0.325850	104.986420	
2010	274	2400	275.000000000	10/02/2010 0:00	10/01/2010 23:00	32.435	0.46101	0.385	16.53	0.42	13.04	44.7363	104.9223607	104.922245	0.324350	104.984920	
2010	275	100	275.041666667	10/02/2010 1:00	10/02/2010 0:00	32.26	0.45852	0.384	16.54	0.42	13.03	44.7421	104.9206148	104.920499	0.322600	104.983170	
2010	275	200	275.083333333	10/02/2010 2:00	10/02/2010 1:00	32.103	0.45629	0.384	16.53	0.42	13.01	44.7472	104.9190485	104.918933	0.321030	104.981600	
2010	275	300	275.125000000	10/02/2010 3:00	10/02/2010 2:00	31.79	0.45184	0.385	16.54	0.42	13	44.7575	104.9159258	104.915810	0.317900	104.978470	
2010	275	400	275.166666667	10/02/2010 4:00	10/02/2010 3:00	31.744	0.45118	0.385	16.53	0.42	12.99	44.7590	104.9154669	104.915352	0.317440	104.978010	
2010	275	500	275.208333333	10/02/2010 5:00	10/02/2010 4:00	31.623	0.44946	0.384	16.53	0.42	12.98	44.7629	104.9142597	104.914144	0.316230	104.976800	
2010	275	600	275.250000000	10/02/2010 6:00	10/02/2010 5:00	31.358	0.44570	0.385	16.54	0.42	12.98	44.7716	104.9116159	104.911501	0.313580	104.974150	
2010	275	700	275.291666667	10/02/2010 7:00	10/02/2010 6:00	30.794	0.43768	0.385	16.53	0.42	13.72	44.7901	104.9059891	104.905874	0.307940	104.968510	
2010	275	800	275.333333333	10/02/2010 8:00	10/02/2010 7:00	30.577	0.43460	0.385	16.55	0.42	13.7	44.7972	104.9038242	104.903709	0.305770	104.966340	
2010	275	900	275.375000000	10/02/2010 9:00	10/02/2010 8:00	30.495	0.43343	0.385	16.55	0.42	13.61	44.7998	104.9030061	104.902891	0.304950	104.965520	
2010	275	1000	275.416666667	10/02/2010 10:00	10/02/2010 9:00	30.491	0.43338	0.384	16.53	0.42	13.53	44.8000	104.9029662	104.902851	0.304910	104.965480	
2010	275	1100	275.458333333	10/02/2010 11:00	10/02/2010 10:00	29.915	0.42519	0.384	16.53	0.42	13.46	44.8188	104.8972197	104.897104	0.299150	104.959720	
2010	275	1200	275.500000000	10/02/2010 12:00	10/02/2010 11:00	30.078	0.42751	0.385	16.54	0.42	13.4	44.8135	104.8988459	104.898731	0.300780	104.961350	
2010	275	1300	275.541666667	10/02/2010 13:00	10/02/2010 12:00	29.938	0.42552	0.385	16.52	0.42	13.35	44.8181	104.8974492	104.897334	0.299380	104.959950	
2010	275	1400	275.583333333	10/02/2010 14:00	10/02/2010 13:00	29.697	0.42209	0.384	16.54	0.42	13.32	44.8260	104.8950448	104.894929	0.296970	104.957540	
2010	275	1500	275.625000000	10/02/2010 15:00	10/02/2010 14:00	29.863	0.42445	0.384	16.55	0.419	13.29	44.8205	104.8967009	104.896586	0.298630	104.959200	
2010	275	1600	275.666666667	10/02/2010 16:00	10/02/2010 15:00	30.645	0.43556	0.384	16.55	0.42	13.29	44.7949	104.9045026	104.904387	0.306450	104.967020	
2010	275	1700	275.708333333	10/02/2010 17:00	10/02/2010 16:00	30.986	0.44041	0.384	16.53	0.42	13.31	44.7838	104.9079046	104.907789	0.309860	104.970430	
2010	275	1800	275.750000000	10/02/2010 18:00	10/02/2010 17:00	31.525	0.44807	0.384	16.53	0.42	13.18	44.7661	104.913282	104.913167	0.315250	104.975820	
2010	275	1900	275.791666667	10/02/2010 19:00	10/02/2010 18:00	31.623	0.44946	0.384	16.53	0.42	13.13	44.7629	104.9142597	104.914144	0.316230	104.976800	
2010	275	2000	275.833333333	10/02/2010 20:00	10/02/2010 19:00	31.684	0.45033	0.384	16.52	0.42	13.1	44.7609	104.9148683	104.914753	0.316840	104.977410	
2010	275	2100	275.875000000	10/02/2010 21:00	10/02/2010 20:00	31.654	0.44991	0.384	16.53	0.42	13.08	44.7619	104.914569	104.914454	0.316540	104.977110	
2010	275	2200	275.916666667	10/02/2010 22:00	10/02/2010 21:00	31.638	0.44968	0.384	16.55	0.42	13.06	44.7624	104.9144094	104.914294	0.316380	104.976950	
2010	275	2300	275.958333333	10/02/2010 23:00	10/02/2010 22:00	31.895	0.45333	0.384	16.55	0.42	13.04	44.7540	104.9169734	104.916858	0.318950	104.979520	
2010	275	2400	276.000000000	10/03/2010 0:00	10/02/2010 23:00	32.187	0.45748	0.384	16.54	0.42	13.03	44.7445	104.9198865	104.919771	0.321870	104.982440	
2010	276	100	276.041666667	10/03/2010 1:00	10/03/2010 0:00	32.598	0.46332	0.384	16.53	0.42	13.03	44.7310	104.9239869	104.923872	0.325980	104.986550	
2010	276	200	276.083333333	10/03/2010 2:00	10/03/2010 1:00	33.025	0.46939	0.384	16.53	0.42	13.02	44.7170	104.9282469	104.928132	0.330250	104.990820	
2010	276	300	276.125000000	10/03/2010 3:00	10/03/2010 2:00	33.576	0.47722	0.384	16.52	0.42	13.01	44.6990	104.9337441	104.933629	0.335760	104.996330	
2010	276	400	276.166666667	10/03/2010 4:00	10/03/2010 3:00	33.965	0.48275	0.384	16.52	0.42	13.01	44.6863	104.937625	104.937510	0.339650	105.000220	
2010	276	500	276.208333333	10/03/2010 5:00	10/03/2010 4:00	34.328	0.48791	0.384	16.52	0.42	12.99	44.6744	104.9412465	104.941131	0.343280	105.003850	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	276	600	276.250000000	10/03/2010 6:00	10/03/2010 5:00	34.611	0.49193	0.384	16.54	0.42	13	44.6651	104.9440698	104.943954	0.346110	105.006680	
2010	276	700	276.291666667	10/03/2010 7:00	10/03/2010 6:00	34.705	0.49327	0.384	16.52	0.42	12.99	44.6620	104.9450076	104.944892	0.347050	105.007620	
2010	276	800	276.333333333	10/03/2010 8:00	10/03/2010 7:00	34.808	0.49473	0.384	16.52	0.42	13.03	44.6587	104.9460352	104.945920	0.348080	105.008650	
2010	276	900	276.375000000	10/03/2010 9:00	10/03/2010 8:00	34.894	0.49596	0.384	16.53	0.42	13.52	44.6559	104.9468932	104.946778	0.348940	105.009510	
2010	276	1000	276.416666667	10/03/2010 10:00	10/03/2010 9:00	34.639	0.49233	0.384	16.54	0.419	13.51	44.6642	104.9443492	104.944234	0.346390	105.006960	
2010	276	1100	276.458333333	10/03/2010 11:00	10/03/2010 10:00	34.227	0.48648	0.384	16.52	0.42	13.51	44.6777	104.9402388	104.940123	0.342270	105.002840	
2010	276	1200	276.500000000	10/03/2010 12:00	10/03/2010 11:00	34.306	0.48760	0.384	16.53	0.419	13.49	44.6751	104.941027	104.940912	0.343060	105.003630	
2010	276	1300	276.541666667	10/03/2010 13:00	10/03/2010 12:00	33.966	0.48277	0.384	16.53	0.42	13.49	44.6862	104.9376349	104.937520	0.339660	105.000230	
2010	276	1400	276.583333333	10/03/2010 14:00	10/03/2010 13:00	33.24	0.47245	0.384	16.54	0.42	13.49	44.7100	104.9303919	104.930277	0.332400	104.992970	
2010	276	1500	276.625000000	10/03/2010 15:00	10/03/2010 14:00	32.854	0.46696	0.384	16.54	0.42	13.5	44.7226	104.9265409	104.926426	0.328540	104.989110	
2010	276	1600	276.666666667	10/03/2010 16:00	10/03/2010 15:00	32.478	0.46162	0.385	16.54	0.42	13.5	44.7349	104.9227897	104.922674	0.324780	104.985350	
2010	276	1700	276.708333333	10/03/2010 17:00	10/03/2010 16:00	32.21	0.45781	0.384	16.54	0.42	13.36	44.7437	104.920116	104.920001	0.322100	104.982670	
2010	276	1800	276.750000000	10/03/2010 18:00	10/03/2010 17:00	31.86	0.45283	0.384	16.53	0.42	13.27	44.7552	104.9166242	104.916509	0.318600	104.979170	
2010	276	1900	276.791666667	10/03/2010 19:00	10/03/2010 18:00	31.412	0.44647	0.384	16.54	0.42	13.22	44.7698	104.9121547	104.912039	0.314120	104.974690	
2010	276	2000	276.833333333	10/03/2010 20:00	10/03/2010 19:00	31.121	0.44233	0.384	16.55	0.419	13.18	44.7794	104.9092515	104.909136	0.311210	104.971780	
2010	276	2100	276.875000000	10/03/2010 21:00	10/03/2010 20:00	30.758	0.43717	0.384	16.54	0.42	13.15	44.7912	104.90563	104.905515	0.307580	104.968150	
2010	276	2200	276.916666667	10/03/2010 22:00	10/03/2010 21:00	30.466	0.43302	0.384	16.54	0.419	13.13	44.8008	104.9027168	104.902601	0.304660	104.965230	
2010	276	2300	276.958333333	10/03/2010 23:00	10/03/2010 22:00	30.119	0.42809	0.384	16.53	0.42	13.1	44.8122	104.8992549	104.899140	0.301190	104.961760	
2010	276	2400	277.000000000	10/04/2010 0:00	10/03/2010 23:00	29.829	0.42397	0.384	16.53	0.42	13.08	44.8216	104.8963617	104.896246	0.298290	104.958860	
2010	277	100	277.041666667	10/04/2010 1:00	10/04/2010 0:00	29.597	0.42067	0.384	16.53	0.42	13.08	44.8292	104.8940471	104.893932	0.295970	104.956540	
2010	277	200	277.083333333	10/04/2010 2:00	10/04/2010 1:00	29.295	0.41638	0.384	16.54	0.42	13.07	44.8391	104.8910342	104.890919	0.292950	104.953520	
2010	277	300	277.125000000	10/04/2010 3:00	10/04/2010 2:00	28.991	0.41206	0.384	16.53	0.42	13.05	44.8491	104.8880013	104.887886	0.289910	104.950480	
2010	277	400	277.166666667	10/04/2010 4:00	10/04/2010 3:00	28.631	0.40694	0.384	16.53	0.42	13.03	44.8609	104.8844097	104.884294	0.286310	104.946880	
2010	277	500	277.208333333	10/04/2010 5:00	10/04/2010 4:00	28.361	0.40310	0.384	16.53	0.42	13.03	44.8697	104.8817161	104.881601	0.283610	104.944180	
2010	277	600	277.250000000	10/04/2010 6:00	10/04/2010 5:00	28.104	0.39945	0.384	16.53	0.419	13.02	44.8781	104.8791521	104.879037	0.281040	104.941610	
2010	277	700	277.291666667	10/04/2010 7:00	10/04/2010 6:00	27.638	0.39283	0.384	16.53	0.42	13.41	44.8934	104.874503	104.874388	0.276380	104.936950	
2010	277	800	277.333333333	10/04/2010 8:00	10/04/2010 7:00	27.262	0.38748	0.384	16.52	0.42	13.65	44.9057	104.8707518	104.870636	0.272620	104.933190	
2010	277	900	277.375000000	10/04/2010 9:00	10/04/2010 8:00	26.937	0.38286	0.384	16.54	0.419	13.59	44.9163	104.8675094	104.867394	0.269370	104.929940	
2010	277	1000	277.416666667	10/04/2010 10:00	10/04/2010 9:00	26.927	0.38272	0.384	16.56	0.419	13.53	44.9166	104.8674096	104.867294	0.269270	104.929840	
2010	277	1100	277.458333333	10/04/2010 11:00	10/04/2010 10:00	26.824	0.38126	0.384	16.54	0.419	13.49	44.9200	104.866382	104.866267	0.268240	104.928810	
2010	277	1200	277.500000000	10/04/2010 12:00	10/04/2010 11:00	25.801	0.36672	0.384	16.54	0.42	13.46	44.9535	104.856176	104.856061	0.258010	104.918580	
2010	277	1300	277.541666667	10/04/2010 13:00	10/04/2010 12:00	25.689	0.36512	0.384	16.54	0.419	13.44	44.9572	104.8550586	104.854943	0.256890	104.917460	
2010	277	1400	277.583333333	10/04/2010 14:00	10/04/2010 13:00	25.815	0.36691	0.384	16.54	0.419	13.42	44.9530	104.8563156	104.856200	0.258150	104.918720	
2010	277	1500	277.625000000	10/04/2010 15:00	10/04/2010 14:00	25.663	0.36475	0.384	16.55	0.419	13.41	44.9580	104.8547992	104.854684	0.256630	104.917200	
2010	277	1600	277.666666667	10/04/2010 16:00	10/04/2010 15:00	26.668	0.37904	0.384	16.55	0.419	13.42	44.9251	104.8648257	104.864710	0.266680	104.927250	
2010	277	1700	277.708333333	10/04/2010 17:00	10/04/2010 16:00	26.836	0.38143	0.384	16.55	0.419	13.37	44.9196	104.8665017	104.866386	0.268360	104.928930	
2010	277	1800	277.750000000	10/04/2010 18:00	10/04/2010 17:00	27.22	0.38688	0.384	16.53	0.419	13.29	44.9070	104.8703328	104.870217	0.272200	104.932770	
2010	277	1900	277.791666667	10/04/2010 19:00	10/04/2010 18:00	27.713	0.39389	0.384	16.55	0.419	13.23	44.8909	104.8752512	104.875136	0.277130	104.937700	
2010	277	2000	277.833333333	10/04/2010 20:00	10/04/2010 19:00	28.389	0.40350	0.384	16.54	0.419	13.18	44.8688	104.8819954	104.881880	0.283890	104.944460	
2010	277	2100	277.875000000	10/04/2010 21:00	10/04/2010 20:00	28.97	0.41176	0.384	16.54	0.419	13.16	44.8498	104.8877918	104.887676	0.289700	104.950270	
2010	277	2200	277.916666667	10/04/2010 22:00	10/04/2010 21:00	29.445	0.41851	0.384	16.54	0.419	13.13	44.8342	104.8925307	104.892415	0.294450	104.955020	
2010	277	2300	277.958333333	10/04/2010 23:00	10/04/2010 22:00	29.745	0.42277	0.384	16.53	0.419	13.1	44.8244	104.8955237	104.895408	0.297450	104.958020	
2010	277	2400	278.000000000	10/05/2010 0:00	10/04/2010 23:00	29.997	0.42635	0.384	16.52	0.419	13.09	44.8161	104.8980378	104.897922	0.299970	104.960540	
2010	278	100	278.041666667	10/05/2010 1:00	10/05/2010 0:00	30.399	0.43207	0.384	16.53	0.419	13.07	44.8030	104.9020484	104.901933	0.303990	104.964560	
2010	278	200	278.083333333	10/05/2010 2:00	10/05/2010 1:00	30.835	0.43826	0.384	16.54	0.419	13.06	44.7887	104.9063982	104.906283	0.308350	104.968920	
2010	278	300	278.125000000	10/05/2010 3:00	10/05/2010 2:00	31.399	0.44628	0.384	16.54	0.419	13.04	44.7703	104.912025	104.911910	0.313990	104.974560	
2010	278	400	278.166666667	10/05/2010 4:00	10/05/2010 3:00	31.966	0.45434	0.384	16.54	0.419	13.02	44.7517	104.9176817	104.917566	0.319660	104.980230	
2010	278	500	278.208333333	10/05/2010 5:00	10/05/2010 4:00	32.355	0.45987	0.384	16.52	0.419	13.01	44.7390	104.9215626	104.921447	0.323550	104.984120	
2010	278	600	278.250000000	10/05/2010 6:00	10/05/2010 5:00	32.613	0.46354	0.384	16.54	0.419	13.01	44.7305	104.9241366	104.924021	0.326130	104.986700	
2010	278	700	278.291666667	10/05/2010 7:00	10/05/2010 6:00	32.144	0.45687	0.384	16.54	0.419	13.8	44.7459	104.9194576	104.919342	0.321440	104.982010	
2010	278	800	278.333333333	10/05/2010 8:00	10/05/2010 7:00	31.938	0.45394	0.384	16.53	0.419	13.76	44.7526	104.9174024	104.917287	0.319380	104.979950	
2010	278	900	278.375000000	10/05/2010 9:00	10/05/2010 8:00	31.877	0.45308	0.384	16.54	0.419	13.7	44.7546	104.9167938	104.916678	0.318770	104.979340	
2010	278	1000	278.416666667	10/05/2010 10:00	10/05/2010 9:00	31.575	0.44878	0.384	16.54	0.419	13.62	44.7645	104.9137809	104.913666	0.315750	104.976320	
2010	278	1100	278.458333333	10/05/2010 11:00	10/05/2010 10:00	30.725	0.43670	0.384	16.55	0.419	13.55	44.7923	104.9053008	104.905185	0.307250	104.967820	
2010	278	1200	278.500000000	10/05/2010 12:00	10/05/2010 11:00	30.256	0.43004	0.384	16.55	0.419	13.5	44.8077	104.9006217	104.900506	0.302560	104.963130	
2010	278	1300	278.541666667	10/05/2010 13:00	10/05/2010 12:00	30.342	0.43126	0.384	16.54	0.42	13.47	44.8049	104.9014797	104.901364	0.303420	104.963990	
2010	278	1400	278.583333333	10/05/2010 14:00	10/05/2010 13:00	30.031	0.42684	0.384	16.54	0.42	13.44	44.8150	104.898377	104.898262	0.300310	104.960880	
2010	278	1500	278.625000000	10/05/2010 15:00	10/05/2010 14:00	29.854	0.42432	0.384	16.55	0.419	13.43	44.8208	104.8966111	104.896496	0.298540	104.959110	
2010	278	1600	278.666666667	10/05/2010 16:00	10/05/2010 15:00	30.042	0.42699	0.384	16.53	0.419	13.43	44.8147	104.8984867	104.898371	0.300420	104.960990	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	278	1700	278.708333333	10/05/2010 17:00	10/05/2010 16:00	30.252	0.42998	0.384	16.54	0.419	13.45	44.8078	104.9005818	104.900466	0.302520	104.963090	
2010	278	1800	278.750000000	10/05/2010 18:00	10/05/2010 17:00	30.356	0.43146	0.384	16.53	0.419	13.3	44.8044	104.9016194	104.901504	0.303560	104.964130	
2010	278	1900	278.791666667	10/05/2010 19:00	10/05/2010 18:00	30.195	0.42917	0.384	16.54	0.419	13.23	44.8097	104.9000132	104.899898	0.301950	104.962520	
2010	278	2000	278.833333333	10/05/2010 20:00	10/05/2010 19:00	30.077	0.42749	0.384	16.53	0.419	13.2	44.8135	104.8988359	104.898721	0.300770	104.961340	
2010	278	2100	278.875000000	10/05/2010 21:00	10/05/2010 20:00	29.959	0.42581	0.384	16.52	0.419	13.17	44.8174	104.8976587	104.897543	0.299590	104.960160	
2010	278	2200	278.916666667	10/05/2010 22:00	10/05/2010 21:00	29.846	0.42421	0.384	16.53	0.42	13.13	44.8211	104.8965313	104.896416	0.298460	104.959030	
2010	278	2300	278.958333333	10/05/2010 23:00	10/05/2010 22:00	29.761	0.42300	0.384	16.55	0.419	13.12	44.8239	104.8956833	104.895568	0.297610	104.958180	
2010	278	2400	279.000000000	10/06/2010 0:00	10/05/2010 23:00	30.06	0.42725	0.384	16.52	0.42	13.09	44.8141	104.8986663	104.898551	0.300600	104.961170	
2010	279	100	279.041666667	10/06/2010 1:00	10/06/2010 0:00	30.712	0.43652	0.384	16.52	0.42	13.07	44.7927	104.9051711	104.905056	0.307120	104.967690	
2010	279	200	279.083333333	10/06/2010 2:00	10/06/2010 1:00	31.392	0.44618	0.384	16.55	0.419	13.05	44.7705	104.9119551	104.911840	0.313920	104.974490	
2010	279	300	279.125000000	10/06/2010 3:00	10/06/2010 2:00	32.156	0.45704	0.384	16.55	0.419	13.05	44.7455	104.9195773	104.919462	0.321560	104.982130	
2010	279	400	279.166666667	10/06/2010 4:00	10/06/2010 3:00	32.807	0.46629	0.384	16.51	0.42	13.03	44.7242	104.926072	104.925957	0.328070	104.988640	
2010	279	500	279.208333333	10/06/2010 5:00	10/06/2010 4:00	33.254	0.47265	0.384	16.51	0.42	13.01	44.7095	104.9305316	104.930416	0.332540	104.993110	
2010	279	600	279.250000000	10/06/2010 6:00	10/06/2010 5:00	33.658	0.47839	0.384	16.52	0.419	13.01	44.6963	104.9345621	104.934447	0.336580	104.997150	
2010	279	700	279.291666667	10/06/2010 7:00	10/06/2010 6:00	33.411	0.47488	0.384	16.54	0.419	13.72	44.7044	104.9320979	104.931983	0.334110	104.994680	
2010	279	800	279.333333333	10/06/2010 8:00	10/06/2010 7:00	33.294	0.47322	0.384	16.55	0.419	13.8	44.7082	104.9309306	104.930815	0.332940	104.993510	
2010	279	900	279.375000000	10/06/2010 9:00	10/06/2010 8:00	33.632	0.47802	0.383	16.54	0.419	13.72	44.6972	104.9343027	104.934187	0.336320	104.996890	
2010	279	1000	279.416666667	10/06/2010 10:00	10/06/2010 9:00	33.451	0.47545	0.384	16.54	0.419	13.63	44.7031	104.932497	104.932382	0.334510	104.995080	
2010	279	1100	279.458333333	10/06/2010 11:00	10/06/2010 10:00	32.439	0.46106	0.384	16.54	0.419	13.57	44.7362	104.9224007	104.922285	0.324390	104.984960	
2010	279	1200	279.500000000	10/06/2010 12:00	10/06/2010 11:00	32.252	0.45840	0.384	16.56	0.419	13.52	44.7423	104.920535	104.920420	0.322520	104.983090	
2010	279	1300	279.541666667	10/06/2010 13:00	10/06/2010 12:00	31.564	0.44863	0.384	16.55	0.419	13.49	44.7649	104.9136711	104.913556	0.315640	104.976210	
2010	279	1400	279.583333333	10/06/2010 14:00	10/06/2010 13:00	31.307	0.44497	0.384	16.53	0.42	13.44	44.7733	104.9111071	104.910992	0.313070	104.973640	
2010	279	1500	279.625000000	10/06/2010 15:00	10/06/2010 14:00	30.939	0.43974	0.384	16.56	0.419	13.4	44.7853	104.9074357	104.907320	0.309390	104.969960	
2010	279	1600	279.666666667	10/06/2010 16:00	10/06/2010 15:00	31.109	0.44216	0.384	16.52	0.42	13.39	44.7798	104.9091318	104.909016	0.311090	104.971660	
2010	279	1700	279.708333333	10/06/2010 17:00	10/06/2010 16:00	31.636	0.44965	0.384	16.53	0.42	13.41	44.7625	104.9143894	104.914274	0.316360	104.976930	
2010	279	1800	279.750000000	10/06/2010 18:00	10/06/2010 17:00	31.415	0.44651	0.384	16.55	0.419	13.27	44.7697	104.9121846	104.912069	0.314150	104.974720	
2010	279	1900	279.791666667	10/06/2010 19:00	10/06/2010 18:00	31.429	0.44671	0.383	16.53	0.419	13.21	44.7693	104.9123243	104.912209	0.314290	104.974860	
2010	279	2000	279.833333333	10/06/2010 20:00	10/06/2010 19:00	31.767	0.45151	0.384	16.54	0.419	13.18	44.7582	104.9156964	104.915581	0.317670	104.978240	
2010	279	2100	279.875000000	10/06/2010 21:00	10/06/2010 20:00	32.406	0.46059	0.384	16.54	0.419	13.15	44.7373	104.9220714	104.921956	0.324060	104.984630	
2010	279	2200	279.916666667	10/06/2010 22:00	10/06/2010 21:00	33.172	0.47148	0.384	16.55	0.419	13.12	44.7122	104.9297135	104.929598	0.331720	104.992290	
2010	279	2300	279.958333333	10/06/2010 23:00	10/06/2010 22:00	34.018	0.48351	0.384	16.54	0.419	13.11	44.6845	104.9381537	104.938038	0.340180	105.000750	
2010	279	2400	280.000000000	10/07/2010 0:00	10/06/2010 23:00	34.793	0.49452	0.384	16.53	0.419	13.09	44.6592	104.9458856	104.945770	0.347930	105.008500	
2010	280	100	280.041666667	10/07/2010 1:00	10/07/2010 0:00	35.523	0.50490	0.384	16.54	0.419	13.07	44.6353	104.9531685	104.953053	0.355230	105.015800	
2010	280	200	280.083333333	10/07/2010 2:00	10/07/2010 1:00	36.148	0.51378	0.383	16.52	0.419	13.06	44.6148	104.9594039	104.959289	0.361480	105.022050	
2010	280	300	280.125000000	10/07/2010 3:00	10/07/2010 2:00	36.597	0.52016	0.383	16.54	0.418	13.04	44.6001	104.9638834	104.963768	0.365970	105.026540	
2010	280	400	280.166666667	10/07/2010 4:00	10/07/2010 3:00	36.774	0.52268	0.382	16.52	0.418	13.03	44.5943	104.9656492	104.965534	0.367740	105.028310	
2010	280	500	280.208333333	10/07/2010 5:00	10/07/2010 4:00	36.833	0.52352	0.383	16.51	0.418	13.02	44.5924	104.9662379	104.966123	0.368330	105.028900	
2010	280	600	280.250000000	10/07/2010 6:00	10/07/2010 5:00	36.703	0.52167	0.382	16.53	0.418	13.02	44.5967	104.9649409	104.964826	0.367030	105.027600	
2010	280	700	280.291666667	10/07/2010 7:00	10/07/2010 6:00	36.305	0.51601	0.383	16.53	0.418	13.03	44.6097	104.9609702	104.960855	0.363050	105.023620	
2010	280	800	280.333333333	10/07/2010 8:00	10/07/2010 7:00	35.718	0.50767	0.383	16.52	0.418	13.41	44.6289	104.9551139	104.954999	0.357180	105.017750	
2010	280	900	280.375000000	10/07/2010 9:00	10/07/2010 8:00	35.267	0.50126	0.383	16.53	0.418	13.63	44.6437	104.9506145	104.950499	0.352670	105.013240	
2010	280	1000	280.416666667	10/07/2010 10:00	10/07/2010 9:00	34.651	0.49250	0.384	16.54	0.419	13.61	44.6638	104.9444689	104.944354	0.346510	105.007080	
2010	280	1100	280.458333333	10/07/2010 11:00	10/07/2010 10:00	34.428	0.48933	0.384	16.54	0.42	13.57	44.6711	104.9422441	104.942129	0.344280	105.004850	
2010	280	1200	280.500000000	10/07/2010 12:00	10/07/2010 11:00	33.888	0.48166	0.384	16.54	0.42	13.42	44.6888	104.9368568	104.936741	0.338880	104.999450	
2010	280	1300	280.541666667	10/07/2010 13:00	10/07/2010 12:00	33.525	0.47650	0.384	16.54	0.419	13.32	44.7007	104.9332352	104.933120	0.335250	104.995820	
2010	280	1400	280.583333333	10/07/2010 14:00	10/07/2010 13:00	33.2	0.47188	0.384	16.54	0.419	13.49	44.7113	104.9299928	104.929878	0.332000	104.992570	
2010	280	1500	280.625000000	10/07/2010 15:00	10/07/2010 14:00	32.967	0.46857	0.384	16.54	0.419	13.67	44.7189	104.9276683	104.927553	0.329670	104.990240	
2010	280	1600	280.666666667	10/07/2010 16:00	10/07/2010 15:00	33.05	0.46975	0.384	16.54	0.419	13.48	44.7162	104.9284964	104.928381	0.330500	104.991070	
2010	280	1700	280.708333333	10/07/2010 17:00	10/07/2010 16:00	33.12	0.47074	0.384	16.53	0.419	13.37	44.7139	104.9291947	104.929079	0.331200	104.991770	
2010	280	1800	280.750000000	10/07/2010 18:00	10/07/2010 17:00	33.307	0.47340	0.384	16.54	0.419	13.29	44.7078	104.9310603	104.930945	0.333070	104.993640	
2010	280	1900	280.791666667	10/07/2010 19:00	10/07/2010 18:00	33.572	0.47717	0.384	16.54	0.419	13.25	44.6991	104.9337041	104.933589	0.335720	104.996290	
2010	280	2000	280.833333333	10/07/2010 20:00	10/07/2010 19:00	33.982	0.48299	0.384	16.54	0.419	13.21	44.6857	104.9377946	104.937679	0.339820	105.000390	
2010	280	2100	280.875000000	10/07/2010 21:00	10/07/2010 20:00	34.537	0.49088	0.383	16.54	0.419	13.18	44.6675	104.9433316	104.943216	0.345370	105.005940	
2010	280	2200	280.916666667	10/07/2010 22:00	10/07/2010 21:00	35.207	0.50041	0.384	16.54	0.419	13.15	44.6456	104.9500159	104.949901	0.352070	105.012640	
2010	280	2300	280.958333333	10/07/2010 23:00	10/07/2010 22:00	35.97	0.51125	0.384	16.54	0.419	13.13	44.6206	104.957628	104.957513	0.359700	105.020270	
2010	280	2400	281.000000000	10/08/2010 0:00	10/07/2010 23:00	36.661	0.52107	0.384	16.53	0.419	13.11	44.5980	104.9645219	104.964407	0.366610	105.027180	
2010	281	100	281.041666667	10/08/2010 1:00	10/08/2010 0:00	37.318	0.53041	0.383	16.53	0.419	13.09	44.5765	104.9710765	104.970961	0.373180	105.033750	
2010	281	200	281.083333333	10/08/2010 2:00	10/08/2010 1:00	37.799	0.53725	0.383	16.53	0.419	13.07	44.5608	104.9758753	104.975760	0.377990	105.038560	
2010	281	300	281.125000000	10/08/2010 3:00	10/08/2010 2:00	38.116	0.54175	0.383	16.53	0.418	13.06	44.5504	104.9790378	104.978922	0.381160	105.041730	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	281	400	281.166666667	10/08/2010 4:00	10/08/2010 3:00	38.143	0.54214	0.383	16.54	0.418	13.04	44.5495	104.9793072	104.979192	0.381430	105.042000	
2010	281	500	281.208333333	10/08/2010 5:00	10/08/2010 4:00	37.978	0.53979	0.383	16.52	0.418	13.03	44.5549	104.9776611	104.977546	0.379780	105.040350	
2010	281	600	281.250000000	10/08/2010 6:00	10/08/2010 5:00	37.628	0.53482	0.383	16.55	0.418	13.03	44.5664	104.9741693	104.974054	0.376280	105.036850	
2010	281	700	281.291666667	10/08/2010 7:00	10/08/2010 6:00	37.042	0.52649	0.383	16.54	0.418	13.02	44.5856	104.968323	104.968208	0.370420	105.030990	
2010	281	800	281.333333333	10/08/2010 8:00	10/08/2010 7:00	36.359	0.51678	0.383	16.54	0.419	13.65	44.6079	104.9615089	104.961394	0.363590	105.024160	
2010	281	900	281.375000000	10/08/2010 9:00	10/08/2010 8:00	35.302	0.50176	0.384	16.54	0.419	13.64	44.6425	104.9509637	104.950848	0.353020	105.013590	
2010	281	1000	281.416666667	10/08/2010 10:00	10/08/2010 9:00	35.421	0.50345	0.384	16.55	0.419	13.59	44.6386	104.9521509	104.952036	0.354210	105.014780	
2010	281	1100	281.458333333	10/08/2010 11:00	10/08/2010 10:00	34.146	0.48532	0.384	16.56	0.42	13.55	44.6803	104.9394307	104.939315	0.341460	105.002030	
2010	281	1200	281.500000000	10/08/2010 12:00	10/08/2010 11:00	34.475	0.49000	0.384	16.54	0.42	13.51	44.6696	104.942713	104.942598	0.344750	105.005320	
2010	281	1300	281.541666667	10/08/2010 13:00	10/08/2010 12:00	33.792	0.48029	0.384	16.54	0.42	13.53	44.6919	104.935899	104.935784	0.337920	104.998490	
2010	281	1400	281.583333333	10/08/2010 14:00	10/08/2010 13:00	33.166	0.47140	0.384	16.58	0.419	13.54	44.7124	104.9296536	104.929538	0.331660	104.992230	
2010	281	1500	281.625000000	10/08/2010 15:00	10/08/2010 14:00	32.815	0.46641	0.384	16.55	0.419	13.53	44.7239	104.9261519	104.926037	0.328150	104.988720	
2010	281	1600	281.666666667	10/08/2010 16:00	10/08/2010 15:00	31.921	0.45370	0.384	16.54	0.419	13.53	44.7532	104.9172328	104.917117	0.319210	104.979780	
2010	281	1700	281.708333333	10/08/2010 17:00	10/08/2010 16:00	32.68	0.46449	0.384	16.54	0.42	13.46	44.7283	104.924805	104.924690	0.326800	104.987370	
2010	281	1800	281.750000000	10/08/2010 18:00	10/08/2010 17:00	32.584	0.46312	0.384	16.53	0.419	13.33	44.7315	104.9238473	104.923732	0.325840	104.986410	
2010	281	1900	281.791666667	10/08/2010 19:00	10/08/2010 18:00	32.829	0.46661	0.384	16.54	0.419	13.27	44.7235	104.9262915	104.926176	0.328290	104.988860	
2010	281	2000	281.833333333	10/08/2010 20:00	10/08/2010 19:00	33.225	0.47223	0.384	16.54	0.419	13.23	44.7105	104.9302423	104.930127	0.332250	104.992820	
2010	281	2100	281.875000000	10/08/2010 21:00	10/08/2010 20:00	33.651	0.47829	0.384	16.54	0.419	13.19	44.6965	104.9344923	104.934377	0.336510	104.997080	
2010	281	2200	281.916666667	10/08/2010 22:00	10/08/2010 21:00	34.287	0.48733	0.384	16.53	0.419	13.16	44.6757	104.9408374	104.940722	0.342870	105.003440	
2010	281	2300	281.958333333	10/08/2010 23:00	10/08/2010 22:00	35.062	0.49834	0.383	16.53	0.419	13.14	44.6504	104.9485693	104.948454	0.350620	105.011190	
2010	281	2400	282.000000000	10/09/2010 0:00	10/08/2010 23:00	35.813	0.50902	0.384	16.53	0.419	13.11	44.6258	104.9560617	104.955946	0.358130	105.018700	
2010	282	100	282.041666667	10/09/2010 1:00	10/09/2010 0:00	36.561	0.51965	0.384	16.55	0.419	13.1	44.6013	104.9635242	104.963409	0.365610	105.026180	
2010	282	200	282.083333333	10/09/2010 2:00	10/09/2010 1:00	37.503	0.53304	0.383	16.53	0.419	13.08	44.5705	104.9729222	104.972807	0.375030	105.035600	
2010	282	300	282.125000000	10/09/2010 3:00	10/09/2010 2:00	38.474	0.54684	0.383	16.54	0.418	13.08	44.5387	104.9826095	104.982494	0.384740	105.045310	
2010	282	400	282.166666667	10/09/2010 4:00	10/09/2010 3:00	39.457	0.56081	0.382	16.55	0.418	13.06	44.5065	104.9924165	104.992301	0.394570	105.055140	
2010	282	500	282.208333333	10/09/2010 5:00	10/09/2010 4:00	40.394	0.57413	0.382	16.52	0.417	13.05	44.4758	105.0017645	105.001649	0.403940	105.064510	
2010	282	600	282.250000000	10/09/2010 6:00	10/09/2010 5:00	41.146	0.58482	0.382	16.54	0.418	13.04	44.4512	105.0092669	105.009152	0.411460	105.072030	
2010	282	700	282.291666667	10/09/2010 7:00	10/09/2010 6:00	41.728	0.59309	0.383	16.52	0.418	13.04	44.4322	105.0150733	105.014958	0.417280	105.077850	
2010	282	800	282.333333333	10/09/2010 8:00	10/09/2010 7:00	42.086	0.59818	0.383	16.53	0.418	13.49	44.4205	105.018645	105.018530	0.420860	105.081430	
2010	282	900	282.375000000	10/09/2010 9:00	10/09/2010 8:00	42.471	0.60365	0.383	16.52	0.418	13.67	44.4079	105.0224859	105.022371	0.424710	105.085280	
2010	282	1000	282.416666667	10/09/2010 10:00	10/09/2010 9:00	42.639	0.60604	0.383	16.53	0.418	13.64	44.4024	105.024162	105.024047	0.426390	105.086960	
2010	282	1100	282.458333333	10/09/2010 11:00	10/09/2010 10:00	42.759	0.60774	0.383	16.54	0.418	13.61	44.3984	105.0253592	105.025244	0.427590	105.088160	
2010	282	1200	282.500000000	10/09/2010 12:00	10/09/2010 11:00	42.646	0.60614	0.383	16.53	0.418	13.61	44.4021	105.0242318	105.024117	0.426460	105.087030	
2010	282	1300	282.541666667	10/09/2010 13:00	10/09/2010 12:00	42.772	0.60793	0.383	16.51	0.418	13.61	44.3980	105.0254889	105.025374	0.427720	105.088290	
2010	282	1400	282.583333333	10/09/2010 14:00	10/09/2010 13:00	42.716	0.60713	0.383	16.52	0.418	13.61	44.3998	105.0249302	105.024815	0.427160	105.087730	
2010	282	1500	282.625000000	10/09/2010 15:00	10/09/2010 14:00	42.947	0.61042	0.383	16.53	0.418	13.61	44.3923	105.0272348	105.027119	0.429470	105.090040	
2010	282	1600	282.666666667	10/09/2010 16:00	10/09/2010 15:00	42.999	0.61115	0.383	16.52	0.419	13.48	44.3906	105.0277536	105.027638	0.429990	105.090560	
2010	282	1700	282.708333333	10/09/2010 17:00	10/09/2010 16:00	43.351	0.61616	0.383	16.52	0.419	13.36	44.3791	105.0312654	105.031150	0.433510	105.094080	
2010	282	1800	282.750000000	10/09/2010 18:00	10/09/2010 17:00	43.858	0.62336	0.383	16.52	0.419	13.3	44.3625	105.0363235	105.036208	0.438580	105.099150	
2010	282	1900	282.791666667	10/09/2010 19:00	10/09/2010 18:00	44.096	0.62675	0.383	16.53	0.419	13.26	44.3547	105.0386979	105.038583	0.440960	105.101530	
2010	282	2000	282.833333333	10/09/2010 20:00	10/09/2010 19:00	44.354	0.63041	0.383	16.54	0.419	13.22	44.3462	105.0412719	105.041157	0.443540	105.104110	
2010	282	2100	282.875000000	10/09/2010 21:00	10/09/2010 20:00	44.343	0.63026	0.383	16.51	0.419	13.19	44.3466	105.0411621	105.041047	0.443430	105.104000	
2010	282	2200	282.916666667	10/09/2010 22:00	10/09/2010 21:00	44.319	0.62992	0.383	16.52	0.419	13.16	44.3474	105.0409227	105.040807	0.443190	105.103760	
2010	282	2300	282.958333333	10/09/2010 23:00	10/09/2010 22:00	44.309	0.62977	0.383	16.52	0.419	13.14	44.3477	105.0408229	105.040708	0.443090	105.103660	
2010	282	2400	283.000000000	10/10/2010 0:00	10/09/2010 23:00	44.379	0.63077	0.384	16.54	0.419	13.13	44.3454	105.0415213	105.041406	0.443790	105.104360	
2010	283	100	283.041666667	10/10/2010 1:00	10/10/2010 0:00	44.649	0.63461	0.384	16.53	0.419	13.1	44.3366	105.044215	105.044100	0.446490	105.107060	
2010	283	200	283.083333333	10/10/2010 2:00	10/10/2010 1:00	44.929	0.63859	0.384	16.52	0.419	13.09	44.3274	105.0470084	105.046893	0.449290	105.109860	
2010	283	300	283.125000000	10/10/2010 3:00	10/10/2010 2:00	45.233	0.64291	0.383	16.52	0.419	13.07	44.3174	105.0500413	105.049926	0.452330	105.112900	
2010	283	400	283.166666667	10/10/2010 4:00	10/10/2010 3:00	45.538	0.64724	0.383	16.52	0.419	13.06	44.3075	105.0530842	105.052969	0.455380	105.115950	
2010	283	500	283.208333333	10/10/2010 5:00	10/10/2010 4:00	45.726	0.64991	0.383	16.51	0.419	13.06	44.3013	105.0549598	105.054844	0.457260	105.117830	
2010	283	600	283.250000000	10/10/2010 6:00	10/10/2010 5:00	45.738	0.65008	0.383	16.53	0.419	13.04	44.3009	105.0550795	105.054964	0.457380	105.117950	
2010	283	700	283.291666667	10/10/2010 7:00	10/10/2010 6:00	45.889	0.65223	0.384	16.53	0.419	13.09	44.2960	105.056586	105.056471	0.458890	105.119460	
2010	283	800	283.333333333	10/10/2010 8:00	10/10/2010 7:00	44.918	0.63843	0.384	16.53	0.419	13.55	44.3278	105.0468987	105.046783	0.449180	105.109750	
2010	283	900	283.375000000	10/10/2010 9:00	10/10/2010 8:00	45.555	0.64748	0.383	16.53	0.419	13.51	44.3069	105.0532538	105.053138	0.455550	105.116120	
2010	283	1000	283.416666667	10/10/2010 10:00	10/10/2010 9:00	45.833	0.65143	0.383	16.55	0.419	13.45	44.2978	105.0560273	105.055912	0.458330	105.118900	
2010	283	1100	283.458333333	10/10/2010 11:00	10/10/2010 10:00	45.873	0.65200	0.383	16.53	0.419	13.45	44.2965	105.0564264	105.056311	0.458730	105.119300	
2010	283	1200	283.500000000	10/10/2010 12:00	10/10/2010 11:00	45.599	0.64811	0.383	16.53	0.419	13.49	44.3055	105.0536928	105.053577	0.455990	105.116560	
2010	283	1300	283.541666667	10/10/2010 13:00	10/10/2010 12:00	45.376	0.64494	0.383	16.54	0.419	13.52	44.3128	105.051468	105.051353	0.453760	105.114330	
2010	283	1400	283.583333333	10/10/2010 14:00	10/10/2010 13:00	45.461	0.64615	0.384	16.53	0.419	13.45	44.3100	105.052316	105.052201	0.454610	105.115180	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	283	1500	283.625000000	10/10/2010 15:00	10/10/2010 14:00	44.67	0.63490	0.383	16.53	0.419	13.33	44.3359	105.0444245	105.044309	0.446700	105.107270	
2010	283	1600	283.666666667	10/10/2010 16:00	10/10/2010 15:00	43.91	0.62410	0.383	16.52	0.419	13.48	44.3608	105.0368423	105.036727	0.439100	105.099670	
2010	283	1700	283.708333333	10/10/2010 17:00	10/10/2010 16:00	43.589	0.61954	0.383	16.53	0.419	13.36	44.3713	105.0336398	105.033524	0.435890	105.096460	
2010	283	1800	283.750000000	10/10/2010 18:00	10/10/2010 17:00	43.096	0.61253	0.383	16.53	0.418	13.3	44.3874	105.0287213	105.028606	0.430960	105.091530	
2010	283	1900	283.791666667	10/10/2010 19:00	10/10/2010 18:00	42.616	0.60571	0.383	16.52	0.418	13.24	44.4031	105.0239326	105.023817	0.426160	105.086730	
2010	283	2000	283.833333333	10/10/2010 20:00	10/10/2010 19:00	42.126	0.59875	0.383	16.54	0.418	13.2	44.4191	105.019044	105.018929	0.421260	105.081830	
2010	283	2100	283.875000000	10/10/2010 21:00	10/10/2010 20:00	41.791	0.59398	0.384	16.53	0.42	13.16	44.4301	105.0157019	105.015587	0.417910	105.078480	
2010	283	2200	283.916666667	10/10/2010 22:00	10/10/2010 21:00	41.222	0.58590	0.384	16.55	0.419	13.14	44.4487	105.0100252	105.009910	0.412220	105.072790	
2010	283	2300	283.958333333	10/10/2010 23:00	10/10/2010 22:00	40.577	0.57673	0.385	16.53	0.42	13.12	44.4698	105.0035903	105.003475	0.405770	105.066340	
2010	283	2400	284.000000000	10/11/2010 0:00	10/10/2010 23:00	40.194	0.57129	0.384	16.55	0.42	13.09	44.4824	104.9997692	104.999654	0.401940	105.062510	
2010	284	100	284.041666667	10/11/2010 1:00	10/11/2010 0:00	39.576	0.56250	0.384	16.52	0.419	13.08	44.5026	104.9936037	104.993488	0.395760	105.056330	
2010	284	200	284.083333333	10/11/2010 2:00	10/11/2010 1:00	39.345	0.55922	0.384	16.52	0.42	13.05	44.5102	104.9912991	104.991184	0.393450	105.054020	
2010	284	300	284.125000000	10/11/2010 3:00	10/11/2010 2:00	39.066	0.55525	0.385	16.54	0.42	13.04	44.5193	104.9885156	104.988400	0.390660	105.051230	
2010	284	400	284.166666667	10/11/2010 4:00	10/11/2010 3:00	38.889	0.55274	0.384	16.53	0.42	13.02	44.5251	104.9867497	104.986634	0.388890	105.049460	
2010	284	500	284.208333333	10/11/2010 5:00	10/11/2010 4:00	38.654	0.54940	0.384	16.54	0.42	13.01	44.5328	104.9844052	104.984290	0.386540	105.047110	
2010	284	600	284.250000000	10/11/2010 6:00	10/11/2010 5:00	38.445	0.54643	0.385	16.53	0.42	13.01	44.5396	104.9823201	104.982205	0.384450	105.045020	
2010	284	700	284.291666667	10/11/2010 7:00	10/11/2010 6:00	37.588	0.53425	0.385	16.53	0.42	13.38	44.5677	104.9737702	104.973655	0.375880	105.036450	
2010	284	800	284.333333333	10/11/2010 8:00	10/11/2010 7:00	37.471	0.53258	0.384	16.56	0.42	13.81	44.5715	104.9726029	104.972488	0.374710	105.035280	
2010	284	900	284.375000000	10/11/2010 9:00	10/11/2010 8:00	37.118	0.52757	0.385	16.55	0.42	13.75	44.5831	104.9690812	104.968966	0.371180	105.031750	
2010	284	1000	284.416666667	10/11/2010 10:00	10/11/2010 9:00	36.858	0.52387	0.384	16.54	0.42	13.7	44.5916	104.9664873	104.966372	0.368580	105.029150	
2010	284	1100	284.458333333	10/11/2010 11:00	10/11/2010 10:00	36.285	0.51573	0.384	16.54	0.42	13.63	44.6103	104.9607707	104.960655	0.362850	105.023420	
2010	284	1200	284.500000000	10/11/2010 12:00	10/11/2010 11:00	36.146	0.51375	0.385	16.55	0.42	13.6	44.6149	104.9593839	104.959269	0.361460	105.022030	
2010	284	1300	284.541666667	10/11/2010 13:00	10/11/2010 12:00	36.349	0.51664	0.384	16.55	0.42	13.59	44.6082	104.9614092	104.961294	0.363490	105.024060	
2010	284	1400	284.583333333	10/11/2010 14:00	10/11/2010 13:00	36.511	0.51894	0.384	16.55	0.42	13.57	44.6029	104.9630254	104.962910	0.365110	105.025680	
2010	284	1500	284.625000000	10/11/2010 15:00	10/11/2010 14:00	37.071	0.52690	0.384	16.55	0.42	13.57	44.5846	104.9686123	104.968497	0.370710	105.031280	
2010	284	1600	284.666666667	10/11/2010 16:00	10/11/2010 15:00	37.597	0.53437	0.384	16.54	0.42	13.57	44.5674	104.97386	104.973745	0.375970	105.036540	
2010	284	1700	284.708333333	10/11/2010 17:00	10/11/2010 16:00	38.561	0.54808	0.383	16.54	0.419	13.57	44.5358	104.9834774	104.983362	0.385610	105.046180	
2010	284	1800	284.750000000	10/11/2010 18:00	10/11/2010 17:00	39.102	0.55577	0.384	16.52	0.419	13.39	44.5181	104.9888748	104.988759	0.391020	105.051590	
2010	284	1900	284.791666667	10/11/2010 19:00	10/11/2010 18:00	39.634	0.56333	0.383	16.51	0.419	13.32	44.5007	104.9941823	104.994067	0.396340	105.056910	
2010	284	2000	284.833333333	10/11/2010 20:00	10/11/2010 19:00	40.109	0.57008	0.383	16.53	0.419	13.27	44.4852	104.9989212	104.998806	0.401090	105.061660	
2010	284	2100	284.875000000	10/11/2010 21:00	10/11/2010 20:00	40.505	0.57571	0.383	16.52	0.419	13.23	44.4722	105.0028719	105.002757	0.405050	105.065620	
2010	284	2200	284.916666667	10/11/2010 22:00	10/11/2010 21:00	40.79	0.57976	0.384	16.54	0.419	13.2	44.4629	105.0057153	105.005600	0.407900	105.068470	
2010	284	2300	284.958333333	10/11/2010 23:00	10/11/2010 22:00	41.019	0.58301	0.384	16.55	0.419	13.17	44.4554	105.0079999	105.007885	0.410190	105.070760	
2010	284	2400	285.000000000	10/12/2010 0:00	10/11/2010 23:00	41.33	0.58743	0.383	16.54	0.419	13.14	44.4452	105.0111026	105.010987	0.413300	105.073870	
2010	285	100	285.041666667	10/12/2010 1:00	10/12/2010 0:00	41.788	0.59394	0.383	16.53	0.418	13.12	44.4302	105.0156719	105.015557	0.417880	105.078450	
2010	285	200	285.083333333	10/12/2010 2:00	10/12/2010 1:00	42.401	0.60266	0.383	16.51	0.418	13.11	44.4101	105.0217876	105.021672	0.424010	105.084580	
2010	285	300	285.125000000	10/12/2010 3:00	10/12/2010 2:00	42.988	0.61100	0.382	16.53	0.418	13.09	44.3909	105.0276438	105.027529	0.429880	105.090450	
2010	285	400	285.166666667	10/12/2010 4:00	10/12/2010 3:00	43.437	0.61738	0.383	16.52	0.418	13.08	44.3762	105.0321233	105.032008	0.434370	105.094940	
2010	285	500	285.208333333	10/12/2010 5:00	10/12/2010 4:00	44.035	0.62588	0.382	16.52	0.418	13.06	44.3567	105.0380894	105.037974	0.440350	105.100920	
2010	285	600	285.250000000	10/12/2010 6:00	10/12/2010 5:00	44.136	0.62731	0.382	16.53	0.418	13.05	44.3534	105.039097	105.038982	0.441360	105.101930	
2010	285	700	285.291666667	10/12/2010 7:00	10/12/2010 6:00	43.775	0.62218	0.382	16.53	0.418	13.43	44.3652	105.0354954	105.035380	0.437750	105.098320	
2010	285	800	285.333333333	10/12/2010 8:00	10/12/2010 7:00	43.412	0.61702	0.383	16.53	0.418	13.92	44.3771	105.0318739	105.031759	0.434120	105.094690	
2010	285	900	285.375000000	10/12/2010 9:00	10/12/2010 8:00	43.311	0.61559	0.383	16.55	0.418	13.83	44.3804	105.0308663	105.030751	0.433110	105.093680	
2010	285	1000	285.416666667	10/12/2010 10:00	10/12/2010 9:00	43.537	0.61880	0.383	16.54	0.418	13.76	44.3730	105.033121	105.033006	0.435370	105.095940	
2010	285	1100	285.458333333	10/12/2010 11:00	10/12/2010 10:00	43.096	0.61253	0.383	16.53	0.418	13.7	44.3874	105.0287213	105.028606	0.430960	105.091530	
2010	285	1200	285.500000000	10/12/2010 12:00	10/12/2010 11:00	42.498	0.60403	0.383	16.53	0.418	13.67	44.4070	105.0227553	105.022640	0.424980	105.085550	
2010	285	1300	285.541666667	10/12/2010 13:00	10/12/2010 12:00	42.703	0.60695	0.383	16.53	0.419	13.63	44.4003	105.0248005	105.024685	0.427030	105.087600	
2010	285	1400	285.583333333	10/12/2010 14:00	10/12/2010 13:00	42.866	0.60926	0.383	16.52	0.418	13.6	44.3949	105.0264267	105.026311	0.428660	105.089230	
2010	285	1500	285.625000000	10/12/2010 15:00	10/12/2010 14:00	42.873	0.60936	0.383	16.54	0.418	13.57	44.3947	105.0264965	105.026381	0.428730	105.089300	
2010	285	1600	285.666666667	10/12/2010 16:00	10/12/2010 15:00	43.42	0.61714	0.382	16.53	0.418	13.57	44.3768	105.0319537	105.031838	0.434200	105.094770	
2010	285	1700	285.708333333	10/12/2010 17:00	10/12/2010 16:00	44.431	0.63151	0.382	16.53	0.418	13.57	44.3437	105.0420401	105.041925	0.444310	105.104880	
2010	285	1800	285.750000000	10/12/2010 18:00	10/12/2010 17:00	45.057	0.64041	0.383	16.53	0.418	13.39	44.3232	105.0482854	105.048170	0.450570	105.111140	
2010	285	1900	285.791666667	10/12/2010 19:00	10/12/2010 18:00	45.791	0.65084	0.383	16.54	0.418	13.32	44.2992	105.0556083	105.055493	0.457910	105.118480	
2010	285	2000	285.833333333	10/12/2010 20:00	10/12/2010 19:00	46.44	0.66006	0.382	16.53	0.418	13.28	44.2779	105.0620831	105.061968	0.464400	105.124970	
2010	285	2100	285.875000000	10/12/2010 21:00	10/12/2010 20:00	47.202	0.67089	0.382	16.52	0.418	13.23	44.2530	105.0696853	105.069570	0.472020	105.132590	
2010	285	2200	285.916666667	10/12/2010 22:00	10/12/2010 21:00	47.879	0.68052	0.382	16.52	0.418	13.2	44.2308	105.0764394	105.076324	0.478790	105.139360	
2010	285	2300	285.958333333	10/12/2010 23:00	10/12/2010 22:00	48.663	0.69166	0.383	16.52	0.418	13.18	44.2052	105.0842611	105.084146	0.486630	105.147200	
2010	285	2400	286.000000000	10/13/2010 0:00	10/12/2010 23:00	49.437	0.70266	0.383	16.5	0.419	13.15	44.1798	105.091983	105.091868	0.494370	105.154940	
2010	286	100	286.041666667	10/13/2010 1:00	10/13/2010 0:00	50.291	0.71480	0.383	16.52	0.419	13.12	44.1519	105.100503	105.100388	0.502910	105.163480	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	286	200	286.083333333	10/13/2010 2:00	10/13/2010 1:00	51.173	0.72733	0.383	16.53	0.418	13.11	44.1230	105.1093024	105.109187	0.511730	105.172300	
2010	286	300	286.125000000	10/13/2010 3:00	10/13/2010 2:00	52.066	0.74003	0.383	16.51	0.419	13.09	44.0938	105.1182115	105.118096	0.520660	105.181230	
2010	286	400	286.166666667	10/13/2010 4:00	10/13/2010 3:00	52.783	0.75022	0.383	16.52	0.419	13.07	44.0703	105.1253647	105.125249	0.527830	105.188400	
2010	286	500	286.208333333	10/13/2010 5:00	10/13/2010 4:00	53.19	0.75600	0.383	16.53	0.419	13.05	44.0570	105.1294252	105.129310	0.531900	105.192470	
2010	286	600	286.250000000	10/13/2010 6:00	10/13/2010 5:00	53.293	0.75747	0.384	16.52	0.419	13.04	44.0536	105.1304528	105.130337	0.532930	105.193500	
2010	286	700	286.291666667	10/13/2010 7:00	10/13/2010 6:00	52.79	0.75032	0.384	16.52	0.42	13.97	44.0701	105.1254345	105.125319	0.527900	105.188470	
2010	286	800	286.333333333	10/13/2010 8:00	10/13/2010 7:00	52.122	0.74082	0.384	16.53	0.419	13.95	44.0920	105.1187701	105.118655	0.521220	105.181790	
2010	286	900	286.375000000	10/13/2010 9:00	10/13/2010 8:00	51.798	0.73622	0.384	16.53	0.419	13.86	44.1026	105.1155377	105.115422	0.517980	105.178550	
2010	286	1000	286.416666667	10/13/2010 10:00	10/13/2010 9:00	51.322	0.72945	0.384	16.52	0.42	13.77	44.1181	105.1107889	105.110674	0.513220	105.173790	
2010	286	1100	286.458333333	10/13/2010 11:00	10/13/2010 10:00	49.96	0.71009	0.384	16.52	0.419	13.7	44.1627	105.0972007	105.097085	0.499600	105.160170	
2010	286	1200	286.500000000	10/13/2010 12:00	10/13/2010 11:00	49.368	0.70168	0.383	16.52	0.419	13.65	44.1821	105.0912946	105.091179	0.493680	105.154250	
2010	286	1300	286.541666667	10/13/2010 13:00	10/13/2010 12:00	48.904	0.69508	0.383	16.52	0.419	13.6	44.1973	105.0866654	105.086550	0.489040	105.149610	
2010	286	1400	286.583333333	10/13/2010 14:00	10/13/2010 13:00	48.507	0.68944	0.383	16.52	0.419	13.55	44.2103	105.0827047	105.082589	0.485070	105.145640	
2010	286	1500	286.625000000	10/13/2010 15:00	10/13/2010 14:00	48.27	0.68607	0.383	16.53	0.419	13.52	44.2180	105.0803403	105.080225	0.482700	105.143270	
2010	286	1600	286.666666667	10/13/2010 16:00	10/13/2010 15:00	48.829	0.69402	0.383	16.51	0.419	13.52	44.1997	105.0859172	105.085802	0.488290	105.148860	
2010	286	1700	286.708333333	10/13/2010 17:00	10/13/2010 16:00	49.874	0.70887	0.383	16.53	0.419	13.51	44.1655	105.0963427	105.096227	0.498740	105.159310	
2010	286	1800	286.750000000	10/13/2010 18:00	10/13/2010 17:00	50.593	0.71909	0.383	16.52	0.419	13.35	44.1420	105.1035159	105.103401	0.505930	105.166500	
2010	286	1900	286.791666667	10/13/2010 19:00	10/13/2010 18:00	51.322	0.72945	0.383	16.53	0.419	13.29	44.1181	105.1107889	105.110674	0.513220	105.173790	
2010	286	2000	286.833333333	10/13/2010 20:00	10/13/2010 19:00	52.339	0.74391	0.383	16.51	0.419	13.25	44.0849	105.1209351	105.120820	0.523390	105.183960	
2010	286	2100	286.875000000	10/13/2010 21:00	10/13/2010 20:00	53.364	0.75847	0.383	16.52	0.419	13.21	44.0513	105.1311611	105.131046	0.533640	105.194210	
2010	286	2200	286.916666667	10/13/2010 22:00	10/13/2010 21:00	54.336	0.77229	0.383	16.51	0.419	13.19	44.0195	105.1408583	105.140743	0.543360	105.203930	
2010	286	2300	286.958333333	10/13/2010 23:00	10/13/2010 22:00	55.517	0.78908	0.383	16.51	0.418	13.15	43.9808	105.1526407	105.152525	0.555170	105.215740	
2010	286	2400	287.000000000	10/14/2010 0:00	10/13/2010 23:00	56.704	0.80595	0.383	16.52	0.418	13.14	43.9420	105.1644829	105.164368	0.567040	105.227610	
2010	287	100	287.041666667	10/14/2010 1:00	10/14/2010 0:00	57.633	0.81915	0.383	16.52	0.418	13.11	43.9116	105.1737512	105.173636	0.576330	105.236900	
2010	287	200	287.083333333	10/14/2010 2:00	10/14/2010 1:00	58.922	0.83747	0.383	16.54	0.418	13.1	43.8694	105.1866111	105.186496	0.589220	105.249790	
2010	287	300	287.125000000	10/14/2010 3:00	10/14/2010 2:00	59.781	0.84968	0.383	16.53	0.418	13.08	43.8413	105.195181	105.195066	0.597810	105.258380	
2010	287	400	287.166666667	10/14/2010 4:00	10/14/2010 3:00	60.149	0.85491	0.383	16.52	0.418	13.06	43.8292	105.1988523	105.198737	0.601490	105.262060	
2010	287	500	287.208333333	10/14/2010 5:00	10/14/2010 4:00	60.284	0.85683	0.383	16.53	0.418	13.05	43.8248	105.2001992	105.200084	0.602840	105.263410	
2010	287	600	287.250000000	10/14/2010 6:00	10/14/2010 5:00	60.028	0.85319	0.383	16.52	0.418	13.03	43.8332	105.1976452	105.197530	0.600280	105.260850	
2010	287	700	287.291666667	10/14/2010 7:00	10/14/2010 6:00	59.611	0.84726	0.383	16.52	0.419	13.16	43.8468	105.1934849	105.193370	0.596110	105.256680	
2010	287	800	287.333333333	10/14/2010 8:00	10/14/2010 7:00	58.633	0.83336	0.385	16.52	0.42	13.95	43.8788	105.1837278	105.183612	0.586330	105.246900	
2010	287	900	287.375000000	10/14/2010 9:00	10/14/2010 8:00	57.571	0.81827	0.385	16.53	0.42	13.88	43.9136	105.1731327	105.173017	0.575710	105.236280	
2010	287	1000	287.416666667	10/14/2010 10:00	10/14/2010 9:00	56.736	0.80640	0.384	16.51	0.42	13.78	43.9409	105.1648022	105.164687	0.567360	105.227930	
2010	287	1100	287.458333333	10/14/2010 11:00	10/14/2010 10:00	55.202	0.78460	0.384	16.52	0.42	13.69	43.9911	105.1494981	105.149383	0.552020	105.212590	
2010	287	1200	287.500000000	10/14/2010 12:00	10/14/2010 11:00	54.299	0.77176	0.384	16.52	0.42	13.63	44.0207	105.1404892	105.140374	0.542990	105.203560	
2010	287	1300	287.541666667	10/14/2010 13:00	10/14/2010 12:00	53.165	0.75565	0.384	16.53	0.419	13.57	44.0578	105.1291757	105.129060	0.531650	105.192220	
2010	287	1400	287.583333333	10/14/2010 14:00	10/14/2010 13:00	52.771	0.75005	0.384	16.52	0.419	13.54	44.0707	105.125245	105.125130	0.527710	105.188280	
2010	287	1500	287.625000000	10/14/2010 15:00	10/14/2010 14:00	52.36	0.74420	0.384	16.52	0.419	13.53	44.0842	105.1211446	105.121029	0.523600	105.184170	
2010	287	1600	287.666666667	10/14/2010 16:00	10/14/2010 15:00	52.614	0.74781	0.383	16.53	0.419	13.53	44.0759	105.1236786	105.123563	0.526140	105.186710	
2010	287	1700	287.708333333	10/14/2010 17:00	10/14/2010 16:00	52.323	0.74368	0.383	16.53	0.419	13.44	44.0854	105.1207754	105.120660	0.523230	105.183800	
2010	287	1800	287.750000000	10/14/2010 18:00	10/14/2010 17:00	52.06	0.73994	0.383	16.53	0.419	13.35	44.0940	105.1181516	105.118036	0.520600	105.181170	
2010	287	1900	287.791666667	10/14/2010 19:00	10/14/2010 18:00	52.174	0.74156	0.383	16.51	0.419	13.29	44.0903	105.1192889	105.119174	0.521740	105.182310	
2010	287	2000	287.833333333	10/14/2010 20:00	10/14/2010 19:00	52.367	0.74430	0.383	16.53	0.419	13.24	44.0839	105.1212144	105.121099	0.523670	105.184240	
2010	287	2100	287.875000000	10/14/2010 21:00	10/14/2010 20:00	53.187	0.75596	0.383	16.51	0.419	13.2	44.0571	105.1293952	105.129280	0.531870	105.192440	
2010	287	2200	287.916666667	10/14/2010 22:00	10/14/2010 21:00	53.811	0.76483	0.383	16.52	0.419	13.18	44.0367	105.1356206	105.135505	0.538110	105.198680	
2010	287	2300	287.958333333	10/14/2010 23:00	10/14/2010 22:00	54.508	0.77473	0.383	16.52	0.419	13.15	44.0139	105.1425743	105.142459	0.545080	105.205650	
2010	287	2400	288.000000000	10/15/2010 0:00	10/14/2010 23:00	55.244	0.78520	0.383	16.52	0.419	13.13	43.9898	105.1499171	105.149802	0.552440	105.213010	
2010	288	100	288.041666667	10/15/2010 1:00	10/15/2010 0:00	56.182	0.79853	0.383	16.52	0.419	13.11	43.9591	105.1592752	105.159160	0.561820	105.222390	
2010	288	200	288.083333333	10/15/2010 2:00	10/15/2010 1:00	56.965	0.80966	0.383	16.52	0.419	13.09	43.9334	105.1670868	105.166971	0.569650	105.230220	
2010	288	300	288.125000000	10/15/2010 3:00	10/15/2010 2:00	57.309	0.81455	0.383	16.52	0.419	13.08	43.9222	105.1705188	105.170403	0.573090	105.233660	
2010	288	400	288.166666667	10/15/2010 4:00	10/15/2010 3:00	57.794	0.82144	0.383	16.52	0.419	13.06	43.9063	105.1753574	105.175242	0.577940	105.238510	
2010	288	500	288.208333333	10/15/2010 5:00	10/15/2010 4:00	57.883	0.82270	0.384	16.51	0.419	13.04	43.9034	105.1762454	105.176130	0.578830	105.239400	
2010	288	600	288.250000000	10/15/2010 6:00	10/15/2010 5:00	57.74	0.82067	0.383	16.53	0.419	13.03	43.9081	105.1748187	105.174703	0.577400	105.237970	
2010	288	700	288.291666667	10/15/2010 7:00	10/15/2010 6:00	56.764	0.80680	0.383	16.51	0.419	13.75	43.9400	105.1650815	105.164966	0.567640	105.228210	
2010	288	800	288.333333333	10/15/2010 8:00	10/15/2010 7:00	55.908	0.79463	0.384	16.54	0.419	13.82	43.9680	105.1565416	105.156426	0.559080	105.219650	
2010	288	900	288.375000000	10/15/2010 9:00	10/15/2010 8:00	55.694	0.79159	0.384	16.53	0.419	13.76	43.9750	105.1544066	105.154291	0.556940	105.217510	
2010	288	1000	288.416666667	10/15/2010 10:00	10/15/2010 9:00	54.731	0.77790	0.383	16.52	0.419	13.68	44.0066	105.1447991	105.144684	0.547310	105.207880	
2010	288	1100	288.458333333	10/15/2010 11:00	10/15/2010 10:00	53.517	0.76065	0.384	16.52	0.419	13.62	44.0463	105.1326875	105.132572	0.535170	105.195740	
2010	288	1200	288.500000000	10/15/2010 12:00	10/15/2010 11:00	52.733	0.74951	0.384	16.53	0.419	13.59	44.0720	105.1248659	105.124751	0.527330	105.187900	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	288	1300	288.541666667	10/15/2010 13:00	10/15/2010 12:00	52.211	0.74209	0.383	16.53	0.419	13.57	44.0890	105.1196581	105.119543	0.522110	105.182680	
2010	288	1400	288.583333333	10/15/2010 14:00	10/15/2010 13:00	51.667	0.73435	0.383	16.53	0.418	13.57	44.1069	105.1142308	105.114115	0.516670	105.177240	
2010	288	1500	288.625000000	10/15/2010 15:00	10/15/2010 14:00	51.403	0.73060	0.382	16.52	0.418	13.56	44.1155	105.111597	105.111482	0.514030	105.174600	
2010	288	1600	288.666666667	10/15/2010 16:00	10/15/2010 15:00	50.848	0.72271	0.382	16.52	0.418	13.59	44.1337	105.10606	105.105945	0.508480	105.169050	
2010	288	1700	288.708333333	10/15/2010 17:00	10/15/2010 16:00	50.468	0.71731	0.383	16.52	0.418	13.51	44.1461	105.1022688	105.102153	0.504680	105.165250	
2010	288	1800	288.750000000	10/15/2010 18:00	10/15/2010 17:00	49.823	0.70815	0.383	16.54	0.418	13.39	44.1672	105.0958339	105.095719	0.498230	105.158800	
2010	288	1900	288.791666667	10/15/2010 19:00	10/15/2010 18:00	49.278	0.70040	0.383	16.53	0.418	13.32	44.1851	105.0903967	105.090281	0.492780	105.153350	
2010	288	2000	288.833333333	10/15/2010 20:00	10/15/2010 19:00	48.82	0.69389	0.383	16.5	0.418	13.29	44.2000	105.0858274	105.085712	0.488200	105.148770	
2010	288	2100	288.875000000	10/15/2010 21:00	10/15/2010 20:00	48.303	0.68654	0.383	16.53	0.418	13.24	44.2170	105.0806695	105.080554	0.483030	105.143600	
2010	288	2200	288.916666667	10/15/2010 22:00	10/15/2010 21:00	47.803	0.67943	0.383	16.51	0.418	13.2	44.2333	105.0756812	105.075566	0.478030	105.138600	
2010	288	2300	288.958333333	10/15/2010 23:00	10/15/2010 22:00	47.307	0.67239	0.383	16.52	0.418	13.17	44.2496	105.0707328	105.070617	0.473070	105.133640	
2010	288	2400	289.000000000	10/16/2010 0:00	10/15/2010 23:00	46.782	0.66492	0.383	16.52	0.418	13.14	44.2667	105.0654951	105.065380	0.467820	105.128390	
2010	289	100	289.041666667	10/16/2010 1:00	10/16/2010 0:00	46.534	0.66140	0.383	16.52	0.418	13.12	44.2749	105.0630209	105.062906	0.465340	105.125910	
2010	289	200	289.083333333	10/16/2010 2:00	10/16/2010 1:00	46.509	0.66104	0.383	16.52	0.418	13.1	44.2757	105.0627715	105.062656	0.465090	105.125660	
2010	289	300	289.125000000	10/16/2010 3:00	10/16/2010 2:00	46.583	0.66209	0.383	16.51	0.418	13.08	44.2733	105.0635097	105.063394	0.465830	105.126400	
2010	289	400	289.166666667	10/16/2010 4:00	10/16/2010 3:00	46.982	0.66777	0.383	16.52	0.418	13.07	44.2602	105.0674904	105.067375	0.469820	105.130390	
2010	289	500	289.208333333	10/16/2010 5:00	10/16/2010 4:00	47.257	0.67167	0.383	16.53	0.418	13.05	44.2512	105.070234	105.070119	0.472570	105.133140	
2010	289	600	289.250000000	10/16/2010 6:00	10/16/2010 5:00	47.458	0.67453	0.383	16.53	0.418	13.04	44.2446	105.0722393	105.072124	0.474580	105.135150	
2010	289	700	289.291666667	10/16/2010 7:00	10/16/2010 6:00	47.55	0.67584	0.383	16.53	0.418	13.17	44.2416	105.0731571	105.073042	0.475500	105.136070	
2010	289	800	289.333333333	10/16/2010 8:00	10/16/2010 7:00	47.131	0.66988	0.383	16.52	0.418	13.97	44.2553	105.0689769	105.068862	0.471310	105.131880	
2010	289	900	289.375000000	10/16/2010 9:00	10/16/2010 8:00	47.901	0.68083	0.383	16.52	0.418	13.88	44.2301	105.0766589	105.076544	0.479010	105.139580	
2010	289	1000	289.416666667	10/16/2010 10:00	10/16/2010 9:00	48.144	0.68428	0.383	16.52	0.418	13.8	44.2222	105.0790832	105.078968	0.481440	105.142010	
2010	289	1100	289.458333333	10/16/2010 11:00	10/16/2010 10:00	47.913	0.68100	0.383	16.53	0.418	13.72	44.2297	105.0767786	105.076663	0.479130	105.139700	
2010	289	1200	289.500000000	10/16/2010 12:00	10/16/2010 11:00	48.341	0.68708	0.383	16.52	0.418	13.66	44.2157	105.0810486	105.080933	0.483410	105.143980	
2010	289	1300	289.541666667	10/16/2010 13:00	10/16/2010 12:00	47.966	0.68175	0.383	16.52	0.418	13.63	44.2280	105.0773074	105.077192	0.479660	105.140230	
2010	289	1400	289.583333333	10/16/2010 14:00	10/16/2010 13:00	47.458	0.67453	0.383	16.53	0.418	13.59	44.2446	105.0722393	105.072124	0.474580	105.135150	
2010	289	1500	289.625000000	10/16/2010 15:00	10/16/2010 14:00	46.821	0.66548	0.382	16.52	0.418	13.59	44.2655	105.0658842	105.065769	0.468210	105.128780	
2010	289	1600	289.666666667	10/16/2010 16:00	10/16/2010 15:00	46.669	0.66332	0.382	16.53	0.418	13.6	44.2704	105.0643677	105.064252	0.466690	105.127260	
2010	289	1700	289.708333333	10/16/2010 17:00	10/16/2010 16:00	46.448	0.66018	0.382	16.52	0.417	13.51	44.2777	105.0621629	105.062048	0.464480	105.125050	
2010	289	1800	289.750000000	10/16/2010 18:00	10/16/2010 17:00	45.883	0.65215	0.382	16.51	0.417	13.39	44.2962	105.0565261	105.056411	0.458830	105.119400	
2010	289	1900	289.791666667	10/16/2010 19:00	10/16/2010 18:00	45.384	0.64505	0.382	16.52	0.417	13.34	44.3125	105.0515478	105.051432	0.453840	105.114410	
2010	289	2000	289.833333333	10/16/2010 20:00	10/16/2010 19:00	44.902	0.63820	0.382	16.53	0.417	13.28	44.3283	105.0467391	105.046624	0.449020	105.109590	
2010	289	2100	289.875000000	10/16/2010 21:00	10/16/2010 20:00	44.417	0.63131	0.382	16.52	0.417	13.25	44.3442	105.0419004	105.041785	0.444170	105.104740	
2010	289	2200	289.916666667	10/16/2010 22:00	10/16/2010 21:00	43.961	0.62483	0.382	16.54	0.417	13.21	44.3591	105.0373511	105.037236	0.439610	105.100180	
2010	289	2300	289.958333333	10/16/2010 23:00	10/16/2010 22:00	43.468	0.61782	0.382	16.51	0.417	13.17	44.3752	105.0324326	105.032317	0.434680	105.095250	
2010	289	2400	290.000000000	10/17/2010 0:00	10/16/2010 23:00	42.995	0.61110	0.382	16.52	0.417	13.16	44.3907	105.0277137	105.027598	0.429950	105.090520	
2010	290	100	290.041666667	10/17/2010 1:00	10/17/2010 0:00	42.804	0.60838	0.382	16.54	0.417	13.13	44.3970	105.0258082	105.025693	0.428040	105.088610	
2010	290	200	290.083333333	10/17/2010 2:00	10/17/2010 1:00	42.46	0.60349	0.382	16.52	0.417	13.11	44.4082	105.0223762	105.022261	0.424600	105.085170	
2010	290	300	290.125000000	10/17/2010 3:00	10/17/2010 2:00	42.288	0.60105	0.382	16.54	0.417	13.09	44.4138	105.0206602	105.020545	0.422880	105.083450	
2010	290	400	290.166666667	10/17/2010 4:00	10/17/2010 3:00	42.206	0.59988	0.382	16.53	0.417	13.07	44.4165	105.0198421	105.019727	0.422060	105.082630	
2010	290	500	290.208333333	10/17/2010 5:00	10/17/2010 4:00	42.023	0.59728	0.382	16.54	0.417	13.05	44.4225	105.0180164	105.017901	0.420230	105.080800	
2010	290	600	290.250000000	10/17/2010 6:00	10/17/2010 5:00	42.021	0.59725	0.382	16.54	0.417	13.03	44.4226	105.0179965	105.017881	0.420210	105.080780	
2010	290	700	290.291666667	10/17/2010 7:00	10/17/2010 6:00	42.011	0.59711	0.382	16.53	0.417	13.14	44.4229	105.0178967	105.017781	0.420110	105.080680	
2010	290	800	290.333333333	10/17/2010 8:00	10/17/2010 7:00	41.658	0.59209	0.382	16.53	0.417	14.06	44.4345	105.014375	105.014260	0.416580	105.077150	
2010	290	900	290.375000000	10/17/2010 9:00	10/17/2010 8:00	41.903	0.59558	0.382	16.53	0.417	13.96	44.4264	105.0168192	105.016704	0.419030	105.079600	
2010	290	1000	290.416666667	10/17/2010 10:00	10/17/2010 9:00	42.383	0.60240	0.382	16.53	0.417	13.86	44.4107	105.021608	105.021493	0.423830	105.084400	
2010	290	1100	290.458333333	10/17/2010 11:00	10/17/2010 10:00	41.676	0.59235	0.382	16.54	0.417	13.78	44.4339	105.0145545	105.014439	0.416760	105.077330	
2010	290	1200	290.500000000	10/17/2010 12:00	10/17/2010 11:00	41.55	0.59056	0.382	16.53	0.417	13.71	44.4380	105.0132975	105.013182	0.415500	105.076070	
2010	290	1300	290.541666667	10/17/2010 13:00	10/17/2010 12:00	41.291	0.58688	0.382	16.53	0.417	13.65	44.4465	105.0107136	105.010598	0.412910	105.073480	
2010	290	1400	290.583333333	10/17/2010 14:00	10/17/2010 13:00	41.021	0.58304	0.381	16.52	0.417	13.61	44.4553	105.0080199	105.007905	0.410210	105.070780	
2010	290	1500	290.625000000	10/17/2010 15:00	10/17/2010 14:00	40.671	0.57807	0.382	16.53	0.417	13.59	44.4668	105.0045281	105.004413	0.406710	105.067280	
2010	290	1600	290.666666667	10/17/2010 16:00	10/17/2010 15:00	40.025	0.56888	0.383	16.53	0.418	13.59	44.4879	104.9980832	104.997968	0.400250	105.060820	
2010	290	1700	290.708333333	10/17/2010 17:00	10/17/2010 16:00	40.436	0.57473	0.383	16.53	0.418	13.53	44.4745	105.0021836	105.002068	0.404360	105.064930	
2010	290	1800	290.750000000	10/17/2010 18:00	10/17/2010 17:00	39.607	0.56294	0.383	16.54	0.419	13.41	44.5016	104.993913	104.993798	0.396070	105.056640	
2010	290	1900	290.791666667	10/17/2010 19:00	10/17/2010 18:00	39.285	0.55837	0.383	16.55	0.418	13.34	44.5121	104.9907005	104.990585	0.392850	105.053420	
2010	290	2000	290.833333333	10/17/2010 20:00	10/17/2010 19:00	38.714	0.55025	0.383	16.51	0.419	13.29	44.5308	104.9850038	104.984888	0.387140	105.047710	
2010	290	2100	290.875000000	10/17/2010 21:00	10/17/2010 20:00	38.292	0.54425	0.384	16.54	0.419	13.25	44.5446	104.9807937	104.980678	0.382920	105.043490	
2010	290	2200	290.916666667	10/17/2010 22:00	10/17/2010 21:00	37.881	0.53841	0.384	16.54	0.42	13.21	44.5581	104.9766933	104.976578	0.378810	105.039380	
2010	290	2300	290.958333333	10/17/2010 23:00	10/17/2010 22:00	37.599	0.53440	0.384	16.52	0.42	13.18	44.5673	104.9738799	104.973765	0.375990	105.036560	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	290	2400	291.000000000	10/18/2010 0:00	10/17/2010 23:00	37.258	0.52956	0.384	16.53	0.42	13.15	44.5785	104.9704779	104.970363	0.372580	105.033150	
2010	291	100	291.041666667	10/18/2010 1:00	10/18/2010 0:00	37.003	0.52593	0.384	16.54	0.419	13.12	44.5868	104.9679339	104.967819	0.370030	105.030600	
2010	291	200	291.083333333	10/18/2010 2:00	10/18/2010 1:00	37.085	0.52710	0.384	16.55	0.419	13.1	44.5841	104.968752	104.968637	0.370850	105.031420	
2010	291	300	291.125000000	10/18/2010 3:00	10/18/2010 2:00	37.611	0.53457	0.384	16.55	0.42	13.08	44.5669	104.9739996	104.973884	0.376110	105.036680	
2010	291	400	291.166666667	10/18/2010 4:00	10/18/2010 3:00	38.036	0.54061	0.384	16.53	0.419	13.07	44.5530	104.9782397	104.978124	0.380360	105.040930	
2010	291	500	291.208333333	10/18/2010 5:00	10/18/2010 4:00	38.657	0.54944	0.383	16.53	0.419	13.05	44.5327	104.9844352	104.984320	0.386570	105.047140	
2010	291	600	291.250000000	10/18/2010 6:00	10/18/2010 5:00	39.351	0.55930	0.383	16.54	0.418	13.04	44.5100	104.9913589	104.991244	0.393510	105.054080	
2010	291	700	291.291666667	10/18/2010 7:00	10/18/2010 6:00	39.247	0.55783	0.383	16.54	0.418	13.35	44.5134	104.9903214	104.990206	0.392470	105.053040	
2010	291	800	291.333333333	10/18/2010 8:00	10/18/2010 7:00	39.398	0.55997	0.382	16.53	0.417	13.97	44.5084	104.9918278	104.991712	0.393980	105.054550	
2010	291	900	291.375000000	10/18/2010 9:00	10/18/2010 8:00	39.829	0.56610	0.382	16.54	0.417	13.9	44.4943	104.9961278	104.996012	0.398290	105.058860	
2010	291	1000	291.416666667	10/18/2010 10:00	10/18/2010 9:00	39.809	0.56581	0.382	16.53	0.417	13.84	44.4950	104.9959282	104.995813	0.398090	105.058660	
2010	291	1100	291.458333333	10/18/2010 11:00	10/18/2010 10:00	39.628	0.56324	0.382	16.54	0.417	13.76	44.5009	104.9941225	104.994007	0.396280	105.056850	
2010	291	1200	291.500000000	10/18/2010 12:00	10/18/2010 11:00	39.517	0.56166	0.382	16.53	0.417	13.67	44.5045	104.9930151	104.992900	0.395170	105.055740	
2010	291	1300	291.541666667	10/18/2010 13:00	10/18/2010 12:00	39.618	0.56310	0.382	16.55	0.417	13.63	44.5012	104.9940227	104.993907	0.396180	105.056750	
2010	291	1400	291.583333333	10/18/2010 14:00	10/18/2010 13:00	39.406	0.56009	0.382	16.53	0.417	13.6	44.5082	104.9919077	104.991792	0.394060	105.054630	
2010	291	1500	291.625000000	10/18/2010 15:00	10/18/2010 14:00	38.924	0.55324	0.382	16.54	0.417	13.59	44.5240	104.9870989	104.986984	0.389240	105.049810	
2010	291	1600	291.666666667	10/18/2010 16:00	10/18/2010 15:00	39.1	0.55574	0.382	16.53	0.418	13.6	44.5182	104.9888548	104.988739	0.391000	105.051570	
2010	291	1700	291.708333333	10/18/2010 17:00	10/18/2010 16:00	38.991	0.55419	0.383	16.53	0.418	13.49	44.5218	104.9877674	104.987652	0.389910	105.050480	
2010	291	1800	291.750000000	10/18/2010 18:00	10/18/2010 17:00	38.561	0.54808	0.384	16.53	0.419	13.38	44.5358	104.9834774	104.983362	0.385610	105.046180	
2010	291	1900	291.791666667	10/18/2010 19:00	10/18/2010 18:00	38.23	0.54337	0.383	16.53	0.419	13.32	44.5467	104.9801752	104.980060	0.382300	105.042870	
2010	291	2000	291.833333333	10/18/2010 20:00	10/18/2010 19:00	37.863	0.53816	0.383	16.54	0.418	13.27	44.5587	104.9765138	104.976398	0.378630	105.039200	
2010	291	2100	291.875000000	10/18/2010 21:00	10/18/2010 20:00	37.601	0.53443	0.384	16.55	0.419	13.24	44.5673	104.9738999	104.973785	0.376010	105.036580	
2010	291	2200	291.916666667	10/18/2010 22:00	10/18/2010 21:00	37.257	0.52954	0.384	16.54	0.419	13.21	44.5785	104.9704679	104.970353	0.372570	105.033140	
2010	291	2300	291.958333333	10/18/2010 23:00	10/18/2010 22:00	36.943	0.52508	0.383	16.54	0.419	13.18	44.5888	104.9673353	104.967220	0.369430	105.030000	
2010	291	2400	292.000000000	10/19/2010 0:00	10/18/2010 23:00	36.79	0.52290	0.384	16.52	0.419	13.15	44.5938	104.9658089	104.965694	0.367900	105.028470	
2010	292	100	292.041666667	10/19/2010 1:00	10/19/2010 0:00	36.95	0.52518	0.383	16.55	0.419	13.12	44.5886	104.9674051	104.967290	0.369500	105.030070	
2010	292	200	292.083333333	10/19/2010 2:00	10/19/2010 1:00	37.657	0.53523	0.383	16.54	0.419	13.1	44.5654	104.9744586	104.974343	0.376570	105.037140	
2010	292	300	292.125000000	10/19/2010 3:00	10/19/2010 2:00	38.585	0.54842	0.383	16.51	0.419	13.07	44.5350	104.9837169	104.983602	0.385850	105.046420	
2010	292	400	292.166666667	10/19/2010 4:00	10/19/2010 3:00	39.613	0.56303	0.383	16.53	0.418	13.06	44.5014	104.9939728	104.993857	0.396130	105.056700	
2010	292	500	292.208333333	10/19/2010 5:00	10/19/2010 4:00	40.632	0.57751	0.382	16.53	0.417	13.04	44.4680	105.004139	105.004024	0.406320	105.066890	
2010	292	600	292.250000000	10/19/2010 6:00	10/19/2010 5:00	41.537	0.59037	0.381	16.53	0.417	13.02	44.4384	105.0131678	105.013052	0.415370	105.075940	
2010	292	700	292.291666667	10/19/2010 7:00	10/19/2010 6:00	41.955	0.59632	0.382	16.53	0.417	13.47	44.4247	105.017338	105.017223	0.419550	105.080120	
2010	292	800	292.333333333	10/19/2010 8:00	10/19/2010 7:00	42.455	0.60342	0.382	16.53	0.417	14	44.4084	105.0223263	105.022211	0.424550	105.085120	
2010	292	900	292.375000000	10/19/2010 9:00	10/19/2010 8:00	43.131	0.61303	0.382	16.53	0.417	13.92	44.3863	105.0290705	105.028955	0.431310	105.091880	
2010	292	1000	292.416666667	10/19/2010 10:00	10/19/2010 9:00	43.683	0.62088	0.382	16.54	0.417	13.8	44.3682	105.0345776	105.034462	0.436830	105.097400	
2010	292	1100	292.458333333	10/19/2010 11:00	10/19/2010 10:00	43.41	0.61700	0.382	16.54	0.417	13.72	44.3771	105.031854	105.031739	0.434100	105.094670	
2010	292	1200	292.500000000	10/19/2010 12:00	10/19/2010 11:00	43.472	0.61788	0.382	16.54	0.417	13.65	44.3751	105.0324725	105.032357	0.434720	105.095290	
2010	292	1300	292.541666667	10/19/2010 13:00	10/19/2010 12:00	43.488	0.61810	0.382	16.52	0.417	13.59	44.3746	105.0326322	105.032517	0.434880	105.095450	
2010	292	1400	292.583333333	10/19/2010 14:00	10/19/2010 13:00	43.181	0.61374	0.382	16.55	0.417	13.54	44.3846	105.0295693	105.029454	0.431810	105.092380	
2010	292	1500	292.625000000	10/19/2010 15:00	10/19/2010 14:00	42.693	0.60681	0.382	16.52	0.417	13.52	44.4006	105.0247007	105.024585	0.426930	105.087500	
2010	292	1600	292.666666667	10/19/2010 16:00	10/19/2010 15:00	42.61	0.60563	0.382	16.52	0.417	13.53	44.4033	105.0238727	105.023757	0.426100	105.086670	
2010	292	1700	292.708333333	10/19/2010 17:00	10/19/2010 16:00	42.493	0.60396	0.382	16.53	0.417	13.49	44.4071	105.0227054	105.022590	0.424930	105.085500	
2010	292	1800	292.750000000	10/19/2010 18:00	10/19/2010 17:00	41.744	0.59332	0.382	16.54	0.418	13.37	44.4317	105.015233	105.015118	0.417440	105.078010	
2010	292	1900	292.791666667	10/19/2010 19:00	10/19/2010 18:00	41.246	0.58624	0.382	16.52	0.417	13.31	44.4480	105.0102646	105.010149	0.412460	105.073030	
2010	292	2000	292.833333333	10/19/2010 20:00	10/19/2010 19:00	40.583	0.57682	0.382	16.54	0.417	13.27	44.4697	105.0036501	105.003535	0.405830	105.066400	
2010	292	2100	292.875000000	10/19/2010 21:00	10/19/2010 20:00	40.181	0.57110	0.383	16.55	0.418	13.23	44.4828	104.9996395	104.999524	0.401810	105.062380	
2010	292	2200	292.916666667	10/19/2010 22:00	10/19/2010 21:00	39.648	0.56353	0.383	16.54	0.419	13.19	44.5003	104.994322	104.994207	0.396480	105.057050	
2010	292	2300	292.958333333	10/19/2010 23:00	10/19/2010 22:00	39.108	0.55585	0.384	16.52	0.419	13.16	44.5179	104.9889346	104.988819	0.391080	105.051650	
2010	292	2400	293.000000000	10/20/2010 0:00	10/19/2010 23:00	38.655	0.54941	0.383	16.52	0.419	13.13	44.5328	104.9844152	104.984300	0.386550	105.047120	
2010	293	100	293.041666667	10/20/2010 1:00	10/20/2010 0:00	38.328	0.54476	0.383	16.55	0.418	13.11	44.5435	104.9811529	104.981038	0.383280	105.043850	
2010	293	200	293.083333333	10/20/2010 2:00	10/20/2010 1:00	38.392	0.54567	0.384	16.54	0.42	13.09	44.5414	104.9817914	104.981676	0.383920	105.044490	
2010	293	300	293.125000000	10/20/2010 3:00	10/20/2010 2:00	38.667	0.54958	0.384	16.53	0.42	13.06	44.5324	104.9845349	104.984420	0.386670	105.047240	
2010	293	400	293.166666667	10/20/2010 4:00	10/20/2010 3:00	39.246	0.55781	0.383	16.53	0.419	13.05	44.5134	104.9903114	104.990196	0.392460	105.053030	
2010	293	500	293.208333333	10/20/2010 5:00	10/20/2010 4:00	39.904	0.56716	0.383	16.52	0.418	13.03	44.4919	104.996876	104.996761	0.399040	105.059610	
2010	293	600	293.250000000	10/20/2010 6:00	10/20/2010 5:00	40.257	0.57218	0.381	16.52	0.417	13.01	44.4803	105.0003977	105.000282	0.402570	105.063140	
2010	293	700	293.291666667	10/20/2010 7:00	10/20/2010 6:00	40.317	0.57303	0.382	16.52	0.417	13.27	44.4784	105.0009963	105.000881	0.403170	105.063740	
2010	293	800	293.333333333	10/20/2010 8:00	10/20/2010 7:00	40.385	0.57400	0.382	16.53	0.417	13.98	44.4761	105.0016747	105.001559	0.403850	105.064420	
2010	293	900	293.375000000	10/20/2010 9:00	10/20/2010 8:00	40.804	0.57996	0.381	16.52	0.417	13.89	44.4624	105.0058549	105.005740	0.408040	105.068610	
2010	293	1000	293.416666667	10/20/2010 10:00	10/20/2010 9:00	41.026	0.58311	0.382	16.55	0.417	13.8	44.4552	105.0080698	105.007954	0.410260	105.070830	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	293	1100	293.458333333	10/20/2010 11:00	10/20/2010 10:00	40.585	0.57684	0.382	16.54	0.417	13.72	44.4696	105.0036701	105.003555	0.405850	105.066420	
2010	293	1200	293.500000000	10/20/2010 12:00	10/20/2010 11:00	40.681	0.57821	0.382	16.52	0.417	13.64	44.4664	105.0046278	105.004512	0.406810	105.067380	
2010	293	1300	293.541666667	10/20/2010 13:00	10/20/2010 12:00	40.567	0.57659	0.381	16.53	0.417	13.59	44.4702	105.0034905	105.003375	0.405670	105.066240	
2010	293	1400	293.583333333	10/20/2010 14:00	10/20/2010 13:00	40.677	0.57815	0.382	16.53	0.417	13.55	44.4666	105.0045879	105.004473	0.406770	105.067340	
2010	293	1500	293.625000000	10/20/2010 15:00	10/20/2010 14:00	40.27	0.57237	0.381	16.53	0.417	13.54	44.4799	105.0005274	105.000412	0.402700	105.063270	
2010	293	1600	293.666666667	10/20/2010 16:00	10/20/2010 15:00	39.988	0.56836	0.381	16.52	0.417	13.55	44.4891	104.997714	104.997599	0.399880	105.060450	
2010	293	1700	293.708333333	10/20/2010 17:00	10/20/2010 16:00	40.3	0.57279	0.382	16.53	0.417	13.46	44.4789	105.0008267	105.000711	0.403000	105.063570	
2010	293	1800	293.750000000	10/20/2010 18:00	10/20/2010 17:00	39.888	0.56694	0.382	16.53	0.417	13.35	44.4924	104.9967164	104.996601	0.398880	105.059450	
2010	293	1900	293.791666667	10/20/2010 19:00	10/20/2010 18:00	39.541	0.56201	0.383	16.53	0.418	13.3	44.5038	104.9932545	104.993139	0.395410	105.055980	
2010	293	2000	293.833333333	10/20/2010 20:00	10/20/2010 19:00	39.228	0.55756	0.383	16.54	0.418	13.25	44.5140	104.9901318	104.990016	0.392280	105.052850	
2010	293	2100	293.875000000	10/20/2010 21:00	10/20/2010 20:00	38.93	0.55332	0.383	16.51	0.418	13.21	44.5238	104.9871588	104.987043	0.389300	105.049870	
2010	293	2200	293.916666667	10/20/2010 22:00	10/20/2010 21:00	38.656	0.54943	0.384	16.54	0.419	13.18	44.5327	104.9844252	104.984310	0.386560	105.047130	
2010	293	2300	293.958333333	10/20/2010 23:00	10/20/2010 22:00	38.346	0.54502	0.384	16.55	0.419	13.15	44.5429	104.9813325	104.981217	0.383460	105.044030	
2010	293	2400	294.000000000	10/21/2010 0:00	10/20/2010 23:00	38.091	0.54140	0.384	16.54	0.419	13.12	44.5512	104.9787884	104.978673	0.380910	105.041480	
2010	294	100	294.041666667	10/21/2010 1:00	10/21/2010 0:00	37.947	0.53935	0.383	16.54	0.419	13.1	44.5559	104.9773518	104.977236	0.379470	105.040040	
2010	294	200	294.083333333	10/21/2010 2:00	10/21/2010 1:00	38.107	0.54162	0.384	16.55	0.419	13.08	44.5507	104.978948	104.978833	0.381070	105.041640	
2010	294	300	294.125000000	10/21/2010 3:00	10/21/2010 2:00	37.84	0.53783	0.383	16.54	0.419	13.07	44.5594	104.9762843	104.976169	0.378400	105.038970	
2010	294	400	294.166666667	10/21/2010 4:00	10/21/2010 3:00	37.682	0.53558	0.383	16.54	0.419	13.05	44.5646	104.974708	104.974593	0.376820	105.037390	
2010	294	500	294.208333333	10/21/2010 5:00	10/21/2010 4:00	37.63	0.53484	0.383	16.54	0.418	13.02	44.5663	104.9741892	104.974074	0.376300	105.036870	
2010	294	600	294.250000000	10/21/2010 6:00	10/21/2010 5:00	37.635	0.53491	0.383	16.52	0.418	13.01	44.5661	104.9742391	104.974124	0.376350	105.036920	
2010	294	700	294.291666667	10/21/2010 7:00	10/21/2010 6:00	37.331	0.53059	0.384	16.53	0.419	13	44.5761	104.9712062	104.971091	0.373310	105.033880	
2010	294	800	294.333333333	10/21/2010 8:00	10/21/2010 7:00	36.474	0.51841	0.384	16.54	0.42	14	44.6041	104.9626563	104.962541	0.364740	105.025310	
2010	294	900	294.375000000	10/21/2010 9:00	10/21/2010 8:00	36.158	0.51392	0.384	16.56	0.419	13.92	44.6145	104.9595036	104.959388	0.361580	105.022150	
2010	294	1000	294.416666667	10/21/2010 10:00	10/21/2010 9:00	36.008	0.51179	0.383	16.56	0.419	13.82	44.6194	104.9580072	104.957892	0.360080	105.020650	
2010	294	1100	294.458333333	10/21/2010 11:00	10/21/2010 10:00	35.158	0.49971	0.383	16.55	0.419	13.74	44.6472	104.949527	104.949412	0.351580	105.012150	
2010	294	1200	294.500000000	10/21/2010 12:00	10/21/2010 11:00	34.836	0.49513	0.384	16.54	0.419	13.65	44.6578	104.9463146	104.946199	0.348360	105.008930	
2010	294	1300	294.541666667	10/21/2010 13:00	10/21/2010 12:00	34.618	0.49203	0.384	16.55	0.419	13.57	44.6649	104.9441397	104.944024	0.346180	105.006750	
2010	294	1400	294.583333333	10/21/2010 14:00	10/21/2010 13:00	34.052	0.48399	0.383	16.54	0.419	13.54	44.6834	104.9384929	104.938378	0.340520	105.001090	
2010	294	1500	294.625000000	10/21/2010 15:00	10/21/2010 14:00	33.673	0.47860	0.384	16.56	0.419	13.52	44.6958	104.9347118	104.934596	0.336730	104.997300	
2010	294	1600	294.666666667	10/21/2010 16:00	10/21/2010 15:00	33.568	0.47711	0.384	16.55	0.419	13.54	44.6993	104.9336642	104.933549	0.335680	104.996250	
2010	294	1700	294.708333333	10/21/2010 17:00	10/21/2010 16:00	33.449	0.47542	0.383	16.54	0.419	13.41	44.7032	104.932477	104.932362	0.334490	104.995060	
2010	294	1800	294.750000000	10/21/2010 18:00	10/21/2010 17:00	33.08	0.47017	0.383	16.53	0.419	13.33	44.7152	104.9287957	104.928680	0.330800	104.991370	
2010	294	1900	294.791666667	10/21/2010 19:00	10/21/2010 18:00	32.623	0.46368	0.384	16.55	0.419	13.28	44.7302	104.9242363	104.924121	0.326230	104.986800	
2010	294	2000	294.833333333	10/21/2010 20:00	10/21/2010 19:00	32.188	0.45750	0.384	16.54	0.419	13.23	44.7444	104.9198965	104.919781	0.321880	104.982450	
2010	294	2100	294.875000000	10/21/2010 21:00	10/21/2010 20:00	31.802	0.45201	0.384	16.55	0.42	13.19	44.7571	104.9160456	104.915930	0.318020	104.978590	
2010	294	2200	294.916666667	10/21/2010 22:00	10/21/2010 21:00	31.579	0.44884	0.384	16.57	0.42	13.17	44.7644	104.9138208	104.913705	0.315790	104.976360	
2010	294	2300	294.958333333	10/21/2010 23:00	10/21/2010 22:00	31.181	0.44318	0.384	16.54	0.42	13.14	44.7774	104.9098501	104.909735	0.311810	104.972380	
2010	294	2400	295.000000000	10/22/2010 0:00	10/21/2010 23:00	30.875	0.43883	0.383	16.54	0.419	13.12	44.7874	104.9067972	104.906682	0.308750	104.969320	
2010	295	100	295.041666667	10/22/2010 1:00	10/22/2010 0:00	30.535	0.43400	0.384	16.55	0.419	13.1	44.7985	104.9034052	104.903290	0.305350	104.965920	
2010	295	200	295.083333333	10/22/2010 2:00	10/22/2010 1:00	30.172	0.42884	0.383	16.54	0.419	13.08	44.8104	104.8997837	104.899668	0.301720	104.962290	
2010	295	300	295.125000000	10/22/2010 3:00	10/22/2010 2:00	29.938	0.42552	0.384	16.54	0.419	13.06	44.8181	104.8974492	104.897334	0.299380	104.959950	
2010	295	400	295.166666667	10/22/2010 4:00	10/22/2010 3:00	29.574	0.42034	0.383	16.55	0.419	13.04	44.8300	104.8938177	104.893702	0.295740	104.956310	
2010	295	500	295.208333333	10/22/2010 5:00	10/22/2010 4:00	29.234	0.41551	0.383	16.55	0.419	13.04	44.8411	104.8904256	104.890310	0.292340	104.952910	
2010	295	600	295.250000000	10/22/2010 6:00	10/22/2010 5:00	28.741	0.40850	0.384	16.55	0.419	13.03	44.8573	104.8855072	104.885392	0.287410	104.947980	
2010	295	700	295.291666667	10/22/2010 7:00	10/22/2010 6:00	27.952	0.39729	0.383	16.56	0.419	13.08	44.8831	104.8776356	104.877520	0.279520	104.940090	
2010	295	800	295.333333333	10/22/2010 8:00	10/22/2010 7:00	27.727	0.39409	0.383	16.53	0.419	13.68	44.8904	104.8753909	104.875276	0.277270	104.937840	
2010	295	900	295.375000000	10/22/2010 9:00	10/22/2010 8:00	27.17	0.38617	0.383	16.53	0.419	13.69	44.9087	104.8698339	104.869719	0.271700	104.932270	
2010	295	1000	295.416666667	10/22/2010 10:00	10/22/2010 9:00	26.486	0.37645	0.383	16.53	0.419	13.66	44.9311	104.8630099	104.862895	0.264860	104.925430	
2010	295	1100	295.458333333	10/22/2010 11:00	10/22/2010 10:00	26.175	0.37203	0.383	16.55	0.418	13.61	44.9412	104.8599072	104.859792	0.261750	104.922320	
2010	295	1200	295.500000000	10/22/2010 12:00	10/22/2010 11:00	25.897	0.36808	0.383	16.53	0.419	13.58	44.9503	104.8571337	104.857018	0.258970	104.919540	
2010	295	1300	295.541666667	10/22/2010 13:00	10/22/2010 12:00	25.39	0.36087	0.382	16.55	0.417	13.55	44.9669	104.8520756	104.851960	0.253900	104.914470	
2010	295	1400	295.583333333	10/22/2010 14:00	10/22/2010 13:00	25.032	0.35579	0.382	16.54	0.417	13.51	44.9787	104.8485039	104.848389	0.250320	104.910890	
2010	295	1500	295.625000000	10/22/2010 15:00	10/22/2010 14:00	24.022	0.34143	0.382	16.53	0.417	13.51	45.0117	104.8384276	104.838312	0.240220	104.900790	
2010	295	1600	295.666666667	10/22/2010 16:00	10/22/2010 15:00	24.339	0.34594	0.382	16.54	0.417	13.53	45.0013	104.8415902	104.841475	0.243390	104.903960	
2010	295	1700	295.708333333	10/22/2010 17:00	10/22/2010 16:00	23.959	0.34053	0.381	16.54	0.417	13.38	45.0138	104.8377991	104.837684	0.239590	104.900160	
2010	295	1800	295.750000000	10/22/2010 18:00	10/22/2010 17:00	23.512	0.33418	0.381	16.53	0.417	13.29	45.0284	104.8333395	104.833224	0.235120	104.895690	
2010	295	1900	295.791666667	10/22/2010 19:00	10/22/2010 18:00	23.285	0.33095	0.382	16.55	0.417	13.24	45.0358	104.8310748	104.830959	0.232850	104.893420	
2010	295	2000	295.833333333	10/22/2010 20:00	10/22/2010 19:00	22.912	0.32565	0.381	16.54	0.417	13.2	45.0481	104.8273535	104.827238	0.229120	104.889690	
2010	295	2100	295.875000000	10/22/2010 21:00	10/22/2010 20:00	22.667	0.32217	0.381	16.53	0.417	13.17	45.0561	104.8249093	104.824794	0.226670	104.887240	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	295	2200	295.916666667	10/22/2010 22:00	10/22/2010 21:00	22.351	0.31768	0.381	16.54	0.417	13.14	45.0664	104.8217567	104.821641	0.223510	104.884080	
2010	295	2300	295.958333333	10/22/2010 23:00	10/22/2010 22:00	22.116	0.31434	0.381	16.53	0.417	13.12	45.0741	104.8194122	104.819297	0.221160	104.881730	
2010	295	2400	296.000000000	10/23/2010 0:00	10/22/2010 23:00	21.905	0.31134	0.381	16.53	0.417	13.1	45.0810	104.8173071	104.817192	0.219050	104.879620	
2010	296	100	296.041666667	10/23/2010 1:00	10/23/2010 0:00	21.816	0.31008	0.381	16.53	0.417	13.08	45.0839	104.8164192	104.816304	0.218160	104.878730	
2010	296	200	296.083333333	10/23/2010 2:00	10/23/2010 1:00	21.913	0.31145	0.381	16.54	0.417	13.06	45.0808	104.8173869	104.817272	0.219130	104.879700	
2010	296	300	296.125000000	10/23/2010 3:00	10/23/2010 2:00	22.218	0.31579	0.381	16.53	0.417	13.04	45.0708	104.8204298	104.820314	0.222180	104.882750	
2010	296	400	296.166666667	10/23/2010 4:00	10/23/2010 3:00	22.549	0.32049	0.381	16.53	0.416	13.03	45.0599	104.823732	104.823617	0.225490	104.886060	
2010	296	500	296.208333333	10/23/2010 5:00	10/23/2010 4:00	23.008	0.32702	0.381	16.55	0.416	13.02	45.0449	104.8283113	104.828196	0.230080	104.890650	
2010	296	600	296.250000000	10/23/2010 6:00	10/23/2010 5:00	23.149	0.32902	0.382	16.53	0.417	13.01	45.0403	104.829718	104.829603	0.231490	104.892060	
2010	296	700	296.291666667	10/23/2010 7:00	10/23/2010 6:00	23.149	0.32902	0.382	16.55	0.417	13	45.0403	104.829718	104.829603	0.231490	104.892060	
2010	296	800	296.333333333	10/23/2010 8:00	10/23/2010 7:00	22.996	0.32685	0.382	16.55	0.417	13.57	45.0453	104.8281916	104.828076	0.229960	104.890530	
2010	296	900	296.375000000	10/23/2010 9:00	10/23/2010 8:00	22.759	0.32348	0.382	16.51	0.418	13.77	45.0531	104.8258271	104.825712	0.227590	104.888160	
2010	296	1000	296.416666667	10/23/2010 10:00	10/23/2010 9:00	22.23	0.31596	0.382	16.53	0.418	13.76	45.0704	104.8205495	104.820434	0.222300	104.882870	
2010	296	1100	296.458333333	10/23/2010 11:00	10/23/2010 10:00	22.109	0.31424	0.382	16.55	0.417	13.73	45.0743	104.8193423	104.819227	0.221090	104.881660	
2010	296	1200	296.500000000	10/23/2010 12:00	10/23/2010 11:00	21.858	0.31067	0.382	16.53	0.417	13.7	45.0826	104.8168382	104.816723	0.218580	104.879150	
2010	296	1300	296.541666667	10/23/2010 13:00	10/23/2010 12:00	21.154	0.30067	0.381	16.52	0.417	13.67	45.1056	104.8098147	104.809699	0.211540	104.872110	
2010	296	1400	296.583333333	10/23/2010 14:00	10/23/2010 13:00	20.959	0.29790	0.381	16.53	0.416	13.66	45.1120	104.8078692	104.807754	0.209590	104.870160	
2010	296	1500	296.625000000	10/23/2010 15:00	10/23/2010 14:00	20.853	0.29639	0.381	16.54	0.416	13.63	45.1154	104.8068117	104.806696	0.208530	104.869100	
2010	296	1600	296.666666667	10/23/2010 16:00	10/23/2010 15:00	20.852	0.29637	0.381	16.54	0.416	13.65	45.1155	104.8068017	104.806686	0.208520	104.869090	
2010	296	1700	296.708333333	10/23/2010 17:00	10/23/2010 16:00	20.573	0.29241	0.381	16.52	0.416	13.43	45.1246	104.8040183	104.803903	0.205730	104.866300	
2010	296	1800	296.750000000	10/23/2010 18:00	10/23/2010 17:00	20.438	0.29049	0.381	16.52	0.416	13.35	45.1290	104.8026714	104.802556	0.204380	104.864950	
2010	296	1900	296.791666667	10/23/2010 19:00	10/23/2010 18:00	20.275	0.28817	0.381	16.54	0.416	13.3	45.1344	104.8010452	104.800930	0.202750	104.863320	
2010	296	2000	296.833333333	10/23/2010 20:00	10/23/2010 19:00	20.064	0.28517	0.381	16.54	0.416	13.24	45.1413	104.7989402	104.798825	0.200640	104.861210	
2010	296	2100	296.875000000	10/23/2010 21:00	10/23/2010 20:00	19.833	0.28189	0.381	16.53	0.416	13.21	45.1488	104.7966356	104.796520	0.198330	104.858900	
2010	296	2200	296.916666667	10/23/2010 22:00	10/23/2010 21:00	19.848	0.28210	0.381	16.53	0.416	13.18	45.1483	104.7967852	104.796670	0.198480	104.859050	
2010	296	2300	296.958333333	10/23/2010 23:00	10/23/2010 22:00	19.766	0.28094	0.381	16.5	0.416	13.15	45.1510	104.7959672	104.795852	0.197660	104.858230	
2010	296	2400	297.000000000	10/24/2010 0:00	10/23/2010 23:00	19.695	0.27993	0.381	16.55	0.416	13.13	45.1534	104.7952588	104.795143	0.196950	104.857520	
2010	297	100	297.041666667	10/24/2010 1:00	10/24/2010 0:00	19.978	0.28395	0.381	16.53	0.416	13.11	45.1441	104.7980822	104.797967	0.199780	104.860350	
2010	297	200	297.083333333	10/24/2010 2:00	10/24/2010 1:00	20.048	0.28495	0.381	16.55	0.416	13.09	45.1418	104.7987806	104.798665	0.200480	104.861050	
2010	297	300	297.125000000	10/24/2010 3:00	10/24/2010 2:00	20.294	0.28844	0.381	16.54	0.416	13.08	45.1337	104.8012348	104.801119	0.202940	104.863510	
2010	297	400	297.166666667	10/24/2010 4:00	10/24/2010 3:00	20.564	0.29228	0.381	16.52	0.417	13.05	45.1249	104.8039285	104.803813	0.205640	104.866210	
2010	297	500	297.208333333	10/24/2010 5:00	10/24/2010 4:00	20.728	0.29461	0.381	16.54	0.417	13.04	45.1195	104.8055646	104.805449	0.207280	104.867850	
2010	297	600	297.250000000	10/24/2010 6:00	10/24/2010 5:00	20.823	0.29596	0.382	16.53	0.417	13.02	45.1164	104.8065124	104.806397	0.208230	104.868800	
2010	297	700	297.291666667	10/24/2010 7:00	10/24/2010 6:00	21.117	0.30014	0.382	16.51	0.417	13.02	45.1068	104.8094455	104.809330	0.211170	104.871740	
2010	297	800	297.333333333	10/24/2010 8:00	10/24/2010 7:00	21.257	0.30213	0.382	16.55	0.417	13.49	45.1022	104.8108423	104.810727	0.212570	104.873140	
2010	297	900	297.375000000	10/24/2010 9:00	10/24/2010 8:00	21.55	0.30630	0.382	16.52	0.417	13.43	45.0926	104.8137654	104.813650	0.215500	104.876070	
2010	297	1000	297.416666667	10/24/2010 10:00	10/24/2010 9:00	21.793	0.30975	0.382	16.56	0.417	13.72	45.0847	104.8161897	104.816074	0.217930	104.878500	
2010	297	1100	297.458333333	10/24/2010 11:00	10/24/2010 10:00	22.081	0.31384	0.382	16.52	0.417	13.71	45.0753	104.819063	104.818948	0.220810	104.881380	
2010	297	1200	297.500000000	10/24/2010 12:00	10/24/2010 11:00	23.145	0.32897	0.381	16.54	0.417	13.67	45.0404	104.8296781	104.829563	0.231450	104.892020	
2010	297	1300	297.541666667	10/24/2010 13:00	10/24/2010 12:00	23.204	0.32980	0.381	16.54	0.417	13.67	45.0385	104.8302667	104.830151	0.232040	104.892610	
2010	297	1400	297.583333333	10/24/2010 14:00	10/24/2010 13:00	24.115	0.34275	0.381	16.54	0.416	13.66	45.0087	104.8393554	104.839240	0.241150	104.901720	
2010	297	1500	297.625000000	10/24/2010 15:00	10/24/2010 14:00	23.996	0.34106	0.381	16.53	0.416	13.68	45.0126	104.8381682	104.838053	0.239960	104.900530	
2010	297	1600	297.666666667	10/24/2010 16:00	10/24/2010 15:00	24.143	0.34315	0.381	16.51	0.416	13.71	45.0078	104.8396347	104.839519	0.241430	104.902000	
2010	297	1700	297.708333333	10/24/2010 17:00	10/24/2010 16:00	24.18	0.34368	0.381	16.53	0.416	13.53	45.0065	104.8400039	104.839889	0.241800	104.902370	
2010	297	1800	297.750000000	10/24/2010 18:00	10/24/2010 17:00	24.489	0.34807	0.381	16.53	0.417	13.43	44.9964	104.8430867	104.842971	0.244890	104.905460	
2010	297	1900	297.791666667	10/24/2010 19:00	10/24/2010 18:00	24.013	0.34130	0.381	16.54	0.417	13.35	45.0120	104.8383378	104.838222	0.240130	104.900700	
2010	297	2000	297.833333333	10/24/2010 20:00	10/24/2010 19:00	23.981	0.34085	0.382	16.55	0.417	13.3	45.0131	104.8380185	104.837903	0.239810	104.900380	
2010	297	2100	297.875000000	10/24/2010 21:00	10/24/2010 20:00	24.042	0.34171	0.382	16.55	0.417	13.25	45.0111	104.8386271	104.838512	0.240420	104.900990	
2010	297	2200	297.916666667	10/24/2010 22:00	10/24/2010 21:00	23.983	0.34088	0.382	16.53	0.417	13.22	45.0130	104.8380385	104.837923	0.239830	104.900400	
2010	297	2300	297.958333333	10/24/2010 23:00	10/24/2010 22:00	24.3	0.34538	0.381	16.54	0.416	13.19	45.0026	104.8412011	104.841086	0.243000	104.903570	
2010	297	2400	298.000000000	10/25/2010 0:00	10/24/2010 23:00	24.511	0.34838	0.381	16.55	0.416	13.15	44.9957	104.8433061	104.843191	0.245110	104.905680	
2010	298	100	298.041666667	10/25/2010 1:00	10/25/2010 0:00	25.332	0.36005	0.381	16.53	0.416	13.14	44.9688	104.8514969	104.851382	0.253320	104.913890	
2010	298	200	298.083333333	10/25/2010 2:00	10/25/2010 1:00	26.071	0.37055	0.381	16.54	0.416	13.12	44.9447	104.8588696	104.858754	0.260710	104.921280	
2010	298	300	298.125000000	10/25/2010 3:00	10/25/2010 2:00	26.916	0.38256	0.381	16.54	0.416	13.1	44.9170	104.8672999	104.867185	0.269160	104.929730	
2010	298	400	298.166666667	10/25/2010 4:00	10/25/2010 3:00	27.61	0.39243	0.381	16.51	0.416	13.08	44.8943	104.8742236	104.874108	0.276100	104.936670	
2010	298	500	298.208333333	10/25/2010 5:00	10/25/2010 4:00	28.195	0.40074	0.381	16.52	0.416	13.06	44.8751	104.8800599	104.879945	0.281950	104.942520	
2010	298	600	298.250000000	10/25/2010 6:00	10/25/2010 5:00	28.793	0.40924	0.381	16.54	0.416	13.04	44.8556	104.886026	104.885911	0.287930	104.948500	
2010	298	700	298.291666667	10/25/2010 7:00	10/25/2010 6:00	29.039	0.41274	0.38	16.51	0.416	13.03	44.8475	104.8884802	104.888365	0.290390	104.950960	
2010	298	800	298.333333333	10/25/2010 8:00	10/25/2010 7:00	29.344	0.41707	0.381	16.53	0.416	13.02	44.8375	104.8915231	104.891408	0.293440	104.954010	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	298	900	298.375000000	10/25/2010 9:00	10/25/2010 8:00	29.54	0.41986	0.38	16.53	0.416	13.42	44.8311	104.8934785	104.893363	0.295400	104.955970	
2010	298	1000	298.416666667	10/25/2010 10:00	10/25/2010 9:00	29.363	0.41734	0.38	16.53	0.416	13.75	44.8369	104.8917126	104.891597	0.293630	104.954200	
2010	298	1100	298.458333333	10/25/2010 11:00	10/25/2010 10:00	29.322	0.41676	0.381	16.51	0.416	13.73	44.8382	104.8913036	104.891188	0.293220	104.953790	
2010	298	1200	298.500000000	10/25/2010 12:00	10/25/2010 11:00	29.223	0.41535	0.381	16.53	0.416	13.73	44.8415	104.8903159	104.890201	0.292230	104.952800	
2010	298	1300	298.541666667	10/25/2010 13:00	10/25/2010 12:00	28.753	0.40867	0.381	16.54	0.417	13.73	44.8569	104.8856269	104.885512	0.287530	104.948100	
2010	298	1400	298.583333333	10/25/2010 14:00	10/25/2010 13:00	28.976	0.41184	0.382	16.53	0.417	13.73	44.8496	104.8878517	104.887736	0.289760	104.950330	
2010	298	1500	298.625000000	10/25/2010 15:00	10/25/2010 14:00	28.636	0.40701	0.382	16.52	0.417	13.73	44.8607	104.8844596	104.884344	0.286360	104.946930	
2010	298	1600	298.666666667	10/25/2010 16:00	10/25/2010 15:00	28.847	0.41001	0.382	16.53	0.417	13.71	44.8538	104.8865647	104.886449	0.288470	104.949040	
2010	298	1700	298.708333333	10/25/2010 17:00	10/25/2010 16:00	28.694	0.40783	0.382	16.51	0.417	13.51	44.8588	104.8850383	104.884923	0.286940	104.947510	
2010	298	1800	298.750000000	10/25/2010 18:00	10/25/2010 17:00	28.746	0.40857	0.382	16.51	0.417	13.41	44.8571	104.8855571	104.885442	0.287460	104.948030	
2010	298	1900	298.791666667	10/25/2010 19:00	10/25/2010 18:00	28.67	0.40749	0.382	16.51	0.417	13.35	44.8596	104.8847988	104.884683	0.286700	104.947270	
2010	298	2000	298.833333333	10/25/2010 20:00	10/25/2010 19:00	28.816	0.40957	0.382	16.55	0.417	13.29	44.8548	104.8862554	104.886140	0.288160	104.948730	
2010	298	2100	298.875000000	10/25/2010 21:00	10/25/2010 20:00	28.618	0.40675	0.381	16.52	0.416	13.25	44.8613	104.8842801	104.884165	0.286180	104.946750	
2010	298	2200	298.916666667	10/25/2010 22:00	10/25/2010 21:00	28.797	0.40930	0.381	16.52	0.416	13.21	44.8554	104.8860659	104.885951	0.287970	104.948540	
2010	298	2300	298.958333333	10/25/2010 23:00	10/25/2010 22:00	28.751	0.40864	0.381	16.51	0.417	13.18	44.8569	104.8856069	104.885492	0.287510	104.948080	
2010	298	2400	299.000000000	10/26/2010 0:00	10/25/2010 23:00	28.74	0.40849	0.381	16.53	0.416	13.16	44.8573	104.8854972	104.885382	0.287400	104.947970	
2010	299	100	299.041666667	10/26/2010 1:00	10/26/2010 0:00	29.315	0.41666	0.381	16.53	0.417	13.13	44.8385	104.8912337	104.891118	0.293150	104.953720	
2010	299	200	299.083333333	10/26/2010 2:00	10/26/2010 1:00	29.785	0.42334	0.381	16.53	0.416	13.11	44.8231	104.8959227	104.895807	0.297850	104.958420	
2010	299	300	299.125000000	10/26/2010 3:00	10/26/2010 2:00	30.667	0.43588	0.381	16.54	0.416	13.1	44.7942	104.9047221	104.904607	0.306670	104.967240	
2010	299	400	299.166666667	10/26/2010 4:00	10/26/2010 3:00	31.558	0.44854	0.381	16.52	0.416	13.07	44.7651	104.9136113	104.913496	0.315580	104.976150	
2010	299	500	299.208333333	10/26/2010 5:00	10/26/2010 4:00	32.321	0.45939	0.381	16.51	0.416	13.05	44.7401	104.9212234	104.921108	0.323210	104.983780	
2010	299	600	299.250000000	10/26/2010 6:00	10/26/2010 5:00	32.872	0.46722	0.381	16.52	0.416	13.04	44.7220	104.9267205	104.926605	0.328720	104.989290	
2010	299	700	299.291666667	10/26/2010 7:00	10/26/2010 6:00	33.459	0.47556	0.381	16.52	0.416	13.02	44.7028	104.9325768	104.932461	0.334590	104.995160	
2010	299	800	299.333333333	10/26/2010 8:00	10/26/2010 7:00	33.741	0.47957	0.381	16.5	0.416	13.85	44.6936	104.9353902	104.935275	0.337410	104.997980	
2010	299	900	299.375000000	10/26/2010 9:00	10/26/2010 8:00	33.846	0.48106	0.38	16.52	0.415	13.85	44.6902	104.9364377	104.936322	0.338460	104.999030	
2010	299	1000	299.416666667	10/26/2010 10:00	10/26/2010 9:00	33.935	0.48233	0.38	16.55	0.416	13.83	44.6873	104.9373257	104.937210	0.339350	104.999920	
2010	299	1100	299.458333333	10/26/2010 11:00	10/26/2010 10:00	33.821	0.48071	0.38	16.52	0.415	13.76	44.6910	104.9361883	104.936073	0.338210	104.998780	
2010	299	1200	299.500000000	10/26/2010 12:00	10/26/2010 11:00	33.668	0.47853	0.38	16.52	0.415	13.72	44.6960	104.9346619	104.934547	0.336680	104.997250	
2010	299	1300	299.541666667	10/26/2010 13:00	10/26/2010 12:00	34.285	0.48730	0.38	16.51	0.415	13.71	44.6758	104.9408175	104.940702	0.342850	105.003420	
2010	299	1400	299.583333333	10/26/2010 14:00	10/26/2010 13:00	33.713	0.47917	0.38	16.53	0.415	13.72	44.6945	104.9351108	104.934996	0.337130	104.997700	
2010	299	1500	299.625000000	10/26/2010 15:00	10/26/2010 14:00	33.619	0.47783	0.381	16.53	0.417	13.75	44.6976	104.934173	104.934058	0.336190	104.996760	
2010	299	1600	299.666666667	10/26/2010 16:00	10/26/2010 15:00	33.567	0.47710	0.382	16.53	0.417	13.57	44.6993	104.9336543	104.933539	0.335670	104.996240	
2010	299	1700	299.708333333	10/26/2010 17:00	10/26/2010 16:00	33.538	0.47668	0.382	16.52	0.418	13.46	44.7002	104.9333649	104.933250	0.335380	104.995950	
2010	299	1800	299.750000000	10/26/2010 18:00	10/26/2010 17:00	33.673	0.47860	0.382	16.53	0.418	13.38	44.6958	104.9347118	104.934596	0.336730	104.997300	
2010	299	1900	299.791666667	10/26/2010 19:00	10/26/2010 18:00	33.627	0.47795	0.382	16.52	0.417	13.32	44.6973	104.9342529	104.934138	0.336270	104.996840	
2010	299	2000	299.833333333	10/26/2010 20:00	10/26/2010 19:00	33.451	0.47545	0.382	16.54	0.417	13.27	44.7031	104.932497	104.932382	0.334510	104.995080	
2010	299	2100	299.875000000	10/26/2010 21:00	10/26/2010 20:00	33.264	0.47279	0.382	16.51	0.418	13.24	44.7092	104.9306314	104.930516	0.332640	104.993210	
2010	299	2200	299.916666667	10/26/2010 22:00	10/26/2010 21:00	33.088	0.47029	0.382	16.51	0.418	13.21	44.7150	104.9288755	104.928760	0.330880	104.991450	
2010	299	2300	299.958333333	10/26/2010 23:00	10/26/2010 22:00	32.762	0.46565	0.382	16.54	0.417	13.17	44.7256	104.9256231	104.925508	0.327620	104.988190	
2010	299	2400	300.000000000	10/27/2010 0:00	10/26/2010 23:00	32.425	0.46086	0.381	16.54	0.417	13.15	44.7367	104.922261	104.922146	0.324250	104.984820	
2010	300	100	300.041666667	10/27/2010 1:00	10/27/2010 0:00	32.39	0.46037	0.382	16.52	0.417	13.12	44.7378	104.9219118	104.921796	0.323900	104.984470	
2010	300	200	300.083333333	10/27/2010 2:00	10/27/2010 1:00	32.226	0.45804	0.382	16.54	0.417	13.1	44.7432	104.9202756	104.920160	0.322260	104.982830	
2010	300	300	300.125000000	10/27/2010 3:00	10/27/2010 2:00	32.543	0.46254	0.382	16.51	0.418	13.09	44.7328	104.9234382	104.923323	0.325430	104.986000	
2010	300	400	300.166666667	10/27/2010 4:00	10/27/2010 3:00	32.981	0.46877	0.382	16.52	0.418	13.07	44.7185	104.927808	104.927693	0.329810	104.990380	
2010	300	500	300.208333333	10/27/2010 5:00	10/27/2010 4:00	33.176	0.47154	0.382	16.53	0.418	13.05	44.7121	104.9297534	104.929638	0.331760	104.992330	
2010	300	600	300.250000000	10/27/2010 6:00	10/27/2010 5:00	33.643	0.47818	0.382	16.52	0.418	13.03	44.6968	104.9344125	104.934297	0.336430	104.997000	
2010	300	700	300.291666667	10/27/2010 7:00	10/27/2010 6:00	33.657	0.47837	0.382	16.53	0.418	13.03	44.6964	104.9345522	104.934437	0.336570	104.997140	
2010	300	800	300.333333333	10/27/2010 8:00	10/27/2010 7:00	33.083	0.47022	0.382	16.52	0.418	13.88	44.7151	104.9288256	104.928710	0.330830	104.991400	
2010	300	900	300.375000000	10/27/2010 9:00	10/27/2010 8:00	34.306	0.48760	0.382	16.53	0.418	13.82	44.6751	104.941027	104.940912	0.343060	105.003630	
2010	300	1000	300.416666667	10/27/2010 10:00	10/27/2010 9:00	34.284	0.48729	0.382	16.51	0.418	13.76	44.6758	104.9408075	104.940692	0.342840	105.003410	
2010	300	1100	300.458333333	10/27/2010 11:00	10/27/2010 10:00	34.632	0.49223	0.382	16.51	0.418	13.71	44.6644	104.9442793	104.944164	0.346320	105.006890	
2010	300	1200	300.500000000	10/27/2010 12:00	10/27/2010 11:00	34.659	0.49262	0.382	16.52	0.418	13.66	44.6636	104.9445487	104.944433	0.346590	105.007160	
2010	300	1300	300.541666667	10/27/2010 13:00	10/27/2010 12:00	34.873	0.49566	0.382	16.52	0.417	13.63	44.6565	104.9466837	104.946568	0.348730	105.009300	
2010	300	1400	300.583333333	10/27/2010 14:00	10/27/2010 13:00	34.914	0.49624	0.382	16.53	0.417	13.61	44.6552	104.9470927	104.946977	0.349140	105.009710	
2010	300	1500	300.625000000	10/27/2010 15:00	10/27/2010 14:00	34.801	0.49463	0.381	16.53	0.417	13.61	44.6589	104.9459654	104.945850	0.348010	105.008580	
2010	300	1600	300.666666667	10/27/2010 16:00	10/27/2010 15:00	34.588	0.49161	0.382	16.52	0.417	13.59	44.6659	104.9438404	104.943725	0.345880	105.006450	
2010	300	1700	300.708333333	10/27/2010 17:00	10/27/2010 16:00	34.406	0.48902	0.382	16.53	0.417	13.42	44.6718	104.9420246	104.941909	0.344060	105.004630	
2010	300	1800	300.750000000	10/27/2010 18:00	10/27/2010 17:00	34.088	0.48450	0.381	16.51	0.417	13.34	44.6822	104.9388521	104.938737	0.340880	105.001450	
2010	300	1900	300.791666667	10/27/2010 19:00	10/27/2010 18:00	33.795	0.48034	0.382	16.54	0.417	13.28	44.6918	104.9359289	104.935814	0.337950	104.998520	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	300	2000	300.833333333	10/27/2010 20:00	10/27/2010 19:00	33.496	0.47609	0.382	16.52	0.418	13.25	44.7016	104.9329459	104.932831	0.334960	104.995530	
2010	300	2100	300.875000000	10/27/2010 21:00	10/27/2010 20:00	33.34	0.47387	0.382	16.54	0.418	13.21	44.7067	104.9313896	104.931274	0.333400	104.993970	
2010	300	2200	300.916666667	10/27/2010 22:00	10/27/2010 21:00	33.088	0.47029	0.383	16.52	0.418	13.17	44.7150	104.9288755	104.928760	0.330880	104.991450	
2010	300	2300	300.958333333	10/27/2010 23:00	10/27/2010 22:00	32.811	0.46635	0.382	16.52	0.418	13.14	44.7240	104.926112	104.925997	0.328110	104.988680	
2010	300	2400	301.000000000	10/28/2010 0:00	10/27/2010 23:00	32.54	0.46250	0.383	16.54	0.418	13.12	44.7329	104.9234083	104.923293	0.325400	104.985970	
2010	301	100	301.041666667	10/28/2010 1:00	10/28/2010 0:00	33.045	0.46968	0.383	16.53	0.418	13.09	44.7164	104.9284465	104.928331	0.330450	104.991020	
2010	301	200	301.083333333	10/28/2010 2:00	10/28/2010 1:00	33.91	0.48197	0.382	16.53	0.417	13.07	44.6881	104.9370762	104.936961	0.339100	104.999670	
2010	301	300	301.125000000	10/28/2010 3:00	10/28/2010 2:00	35.045	0.49810	0.382	16.51	0.417	13.06	44.6509	104.9483997	104.948284	0.350450	105.011020	
2010	301	400	301.166666667	10/28/2010 4:00	10/28/2010 3:00	36.122	0.51341	0.382	16.53	0.417	13.04	44.6157	104.9591445	104.959029	0.361220	105.021790	
2010	301	500	301.208333333	10/28/2010 5:00	10/28/2010 4:00	37.213	0.52892	0.382	16.51	0.417	13.03	44.5800	104.970029	104.969914	0.372130	105.032700	
2010	301	600	301.250000000	10/28/2010 6:00	10/28/2010 5:00	38.306	0.54445	0.38	16.51	0.416	13.01	44.5442	104.9809334	104.980818	0.383060	105.043630	
2010	301	700	301.291666667	10/28/2010 7:00	10/28/2010 6:00	39.035	0.55481	0.38	16.52	0.415	12.99	44.5203	104.9882063	104.988091	0.390350	105.050920	
2010	301	800	301.333333333	10/28/2010 8:00	10/28/2010 7:00	39.572	0.56245	0.38	16.53	0.415	12.99	44.5027	104.9935638	104.993448	0.395720	105.056290	
2010	301	900	301.375000000	10/28/2010 9:00	10/28/2010 8:00	39.935	0.56761	0.38	16.53	0.415	13.25	44.4909	104.9971853	104.997070	0.399350	105.059920	
2010	301	1000	301.416666667	10/28/2010 10:00	10/28/2010 9:00	40.142	0.57055	0.38	16.51	0.415	13.63	44.4841	104.9992504	104.999135	0.401420	105.061990	
2010	301	1100	301.458333333	10/28/2010 11:00	10/28/2010 10:00	39.941	0.56769	0.38	16.51	0.415	13.84	44.4907	104.9972451	104.997130	0.399410	105.059980	
2010	301	1200	301.500000000	10/28/2010 12:00	10/28/2010 11:00	39.987	0.56834	0.38	16.53	0.415	13.82	44.4892	104.9977041	104.997589	0.399870	105.060440	
2010	301	1300	301.541666667	10/28/2010 13:00	10/28/2010 12:00	40.062	0.56941	0.38	16.52	0.415	13.77	44.4867	104.9984523	104.998337	0.400620	105.061190	
2010	301	1400	301.583333333	10/28/2010 14:00	10/28/2010 13:00	39.788	0.56552	0.38	16.54	0.415	13.77	44.4957	104.9957187	104.995603	0.397880	105.058450	
2010	301	1500	301.625000000	10/28/2010 15:00	10/28/2010 14:00	39.669	0.56382	0.38	16.51	0.415	13.78	44.4996	104.9945315	104.994416	0.396690	105.057260	
2010	301	1600	301.666666667	10/28/2010 16:00	10/28/2010 15:00	39.015	0.55453	0.38	16.51	0.415	13.51	44.5210	104.9880068	104.987891	0.390150	105.050720	
2010	301	1700	301.708333333	10/28/2010 17:00	10/28/2010 16:00	38.69	0.54991	0.381	16.53	0.416	13.42	44.5316	104.9847644	104.984649	0.386900	105.047470	
2010	301	1800	301.750000000	10/28/2010 18:00	10/28/2010 17:00	38.285	0.54415	0.381	16.51	0.417	13.36	44.5449	104.9807239	104.980609	0.382850	105.043420	
2010	301	1900	301.791666667	10/28/2010 19:00	10/28/2010 18:00	37.84	0.53783	0.382	16.51	0.417	13.3	44.5594	104.9762843	104.976169	0.378400	105.038970	
2010	301	2000	301.833333333	10/28/2010 20:00	10/28/2010 19:00	37.502	0.53302	0.381	16.53	0.417	13.26	44.5705	104.9729122	104.972797	0.375020	105.035590	
2010	301	2100	301.875000000	10/28/2010 21:00	10/28/2010 20:00	37.141	0.52789	0.382	16.53	0.417	13.22	44.5823	104.9693106	104.969195	0.371410	105.031980	
2010	301	2200	301.916666667	10/28/2010 22:00	10/28/2010 21:00	36.942	0.52507	0.382	16.55	0.417	13.19	44.5888	104.9673253	104.967210	0.369420	105.029990	
2010	301	2300	301.958333333	10/28/2010 23:00	10/28/2010 22:00	36.732	0.52208	0.382	16.51	0.417	13.16	44.5957	104.9652302	104.965115	0.367320	105.027890	
2010	301	2400	302.000000000	10/29/2010 0:00	10/28/2010 23:00	36.697	0.52158	0.382	16.53	0.417	13.13	44.5968	104.964881	104.964766	0.366970	105.027540	
2010	302	100	302.041666667	10/29/2010 1:00	10/29/2010 0:00	37.155	0.52809	0.382	16.53	0.417	13.1	44.5819	104.9694503	104.969335	0.371550	105.032120	
2010	302	200	302.083333333	10/29/2010 2:00	10/29/2010 1:00	37.918	0.53894	0.382	16.53	0.417	13.08	44.5569	104.9770625	104.976947	0.379180	105.039750	
2010	302	300	302.125000000	10/29/2010 3:00	10/29/2010 2:00	38.716	0.55028	0.381	16.51	0.417	13.06	44.5308	104.9850238	104.984908	0.387160	105.047730	
2010	302	400	302.166666667	10/29/2010 4:00	10/29/2010 3:00	39.408	0.56011	0.382	16.53	0.417	13.04	44.5081	104.9919276	104.991812	0.394080	105.054650	
2010	302	500	302.208333333	10/29/2010 5:00	10/29/2010 4:00	39.841	0.56627	0.382	16.52	0.417	13.03	44.4939	104.9962475	104.996132	0.398410	105.058980	
2010	302	600	302.250000000	10/29/2010 6:00	10/29/2010 5:00	40.088	0.56978	0.381	16.53	0.416	13.01	44.4859	104.9987117	104.998596	0.400880	105.061450	
2010	302	700	302.291666667	10/29/2010 7:00	10/29/2010 6:00	40.194	0.57129	0.381	16.51	0.416	13	44.4824	104.9997692	104.999654	0.401940	105.062510	
2010	302	800	302.333333333	10/29/2010 8:00	10/29/2010 7:00	40.065	0.56945	0.381	16.54	0.416	12.99	44.4866	104.9984822	104.998367	0.400650	105.061220	
2010	302	900	302.375000000	10/29/2010 9:00	10/29/2010 8:00	39.872	0.56671	0.381	16.54	0.417	13.82	44.4929	104.9965568	104.996441	0.398720	105.059290	
2010	302	1000	302.416666667	10/29/2010 10:00	10/29/2010 9:00	39.636	0.56336	0.381	16.54	0.416	13.8	44.5006	104.9942023	104.994087	0.396360	105.056930	
2010	302	1100	302.458333333	10/29/2010 11:00	10/29/2010 10:00	38.538	0.54775	0.381	16.53	0.416	13.77	44.5366	104.983248	104.983133	0.385380	105.045950	
2010	302	1200	302.500000000	10/29/2010 12:00	10/29/2010 11:00	38.29	0.54422	0.381	16.53	0.416	13.72	44.5447	104.9807738	104.980658	0.382900	105.043470	
2010	302	1300	302.541666667	10/29/2010 13:00	10/29/2010 12:00	38.778	0.55116	0.381	16.53	0.416	13.69	44.5287	104.9856423	104.985527	0.387780	105.048350	
2010	302	1400	302.583333333	10/29/2010 14:00	10/29/2010 13:00	37.638	0.53496	0.381	16.51	0.416	13.69	44.5660	104.974269	104.974154	0.376380	105.036950	
2010	302	1500	302.625000000	10/29/2010 15:00	10/29/2010 14:00	37.702	0.53587	0.381	16.53	0.417	13.65	44.5640	104.9749075	104.974792	0.377020	105.037590	
2010	302	1600	302.666666667	10/29/2010 16:00	10/29/2010 15:00	38.283	0.54412	0.381	16.53	0.417	13.58	44.5449	104.9807039	104.980589	0.382830	105.043400	
2010	302	1700	302.708333333	10/29/2010 17:00	10/29/2010 16:00	37.921	0.53898	0.381	16.53	0.417	13.52	44.5568	104.9770924	104.976977	0.379210	105.039780	
2010	302	1800	302.750000000	10/29/2010 18:00	10/29/2010 17:00	37.722	0.53615	0.382	16.52	0.418	13.42	44.5633	104.9751071	104.974992	0.377220	105.037790	
2010	302	1900	302.791666667	10/29/2010 19:00	10/29/2010 18:00	37.694	0.53575	0.383	16.54	0.418	13.34	44.5642	104.9748277	104.974712	0.376940	105.037510	
2010	302	2000	302.833333333	10/29/2010 20:00	10/29/2010 19:00	37.574	0.53405	0.382	16.54	0.418	13.3	44.5681	104.9736305	104.973515	0.375740	105.036310	
2010	302	2100	302.875000000	10/29/2010 21:00	10/29/2010 20:00	37.409	0.53170	0.382	16.52	0.417	13.25	44.5735	104.9719844	104.971869	0.374090	105.034660	
2010	302	2200	302.916666667	10/29/2010 22:00	10/29/2010 21:00	37.292	0.53004	0.382	16.53	0.418	13.21	44.5774	104.9708171	104.970702	0.372920	105.033490	
2010	302	2300	302.958333333	10/29/2010 23:00	10/29/2010 22:00	37.153	0.52806	0.383	16.51	0.418	13.18	44.5819	104.9694304	104.969315	0.371530	105.032100	
2010	302	2400	303.000000000	10/30/2010 0:00	10/29/2010 23:00	36.988	0.52572	0.383	16.53	0.418	13.15	44.5873	104.9677842	104.967669	0.369880	105.030450	
2010	303	100	303.041666667	10/30/2010 1:00	10/30/2010 0:00	36.942	0.52507	0.383	16.53	0.418	13.12	44.5888	104.9673253	104.967210	0.369420	105.029990	
2010	303	200	303.083333333	10/30/2010 2:00	10/30/2010 1:00	37.095	0.52724	0.382	16.53	0.418	13.1	44.5838	104.9688517	104.968736	0.370950	105.031520	
2010	303	300	303.125000000	10/30/2010 3:00	10/30/2010 2:00	37.177	0.52841	0.382	16.54	0.418	13.08	44.5811	104.9696698	104.969554	0.371770	105.032340	
2010	303	400	303.166666667	10/30/2010 4:00	10/30/2010 3:00	37.564	0.53391	0.382	16.53	0.417	13.06	44.5685	104.9735307	104.973415	0.375640	105.036210	
2010	303	500	303.208333333	10/30/2010 5:00	10/30/2010 4:00	37.893	0.53858	0.381	16.53	0.417	13.05	44.5577	104.9768131	104.976698	0.378930	105.039500	
2010	303	600	303.250000000	10/30/2010 6:00	10/30/2010 5:00	38.456	0.54658	0.381	16.52	0.417	13.03	44.5393	104.9824299	104.982315	0.384560	105.045130	

Table D-13. Groundwater Elevations (Part 3 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-7					399-1-7	399-1-7	399-1-7	399-1-7	399-1-7	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mSc m_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	303	700	303.291666667	10/30/2010 7:00	10/30/2010 6:00	38.925	0.55325	0.381	16.53	0.417	13.01	44.5239	104.9871089	104.986994	0.389250	105.049820	
2010	303	800	303.333333333	10/30/2010 8:00	10/30/2010 7:00	39.377	0.55967	0.381	16.53	0.417	13.01	44.5091	104.9916183	104.991503	0.393770	105.054340	
2010	303	900	303.375000000	10/30/2010 9:00	10/30/2010 8:00	39.868	0.56665	0.382	16.52	0.417	13.59	44.4931	104.9965168	104.996401	0.398680	105.059250	
2010	303	1000	303.416666667	10/30/2010 10:00	10/30/2010 9:00	40.301	0.57281	0.382	16.52	0.417	13.9	44.4789	105.0008367	105.000721	0.403010	105.063580	
2010	303	1100	303.458333333	10/30/2010 11:00	10/30/2010 10:00	40.635	0.57755	0.381	16.51	0.417	13.9	44.4679	105.0041689	105.004054	0.406350	105.066920	
2010	303	1200	303.500000000	10/30/2010 12:00	10/30/2010 11:00	40.723	0.57881	0.381	16.51	0.417	13.89	44.4651	105.0050468	105.004931	0.407230	105.067800	
2010	303	1300	303.541666667	10/30/2010 13:00	10/30/2010 12:00	41.086	0.58396	0.381	16.52	0.416	13.87	44.4532	105.0086683	105.008553	0.410860	105.071430	
2010	303	1400	303.583333333	10/30/2010 14:00	10/30/2010 13:00	40.928	0.58172	0.381	16.54	0.416	13.86	44.4584	105.007092	105.006977	0.409280	105.069850	
2010	303	1500	303.625000000	10/30/2010 15:00	10/30/2010 14:00	41.008	0.58286	0.381	16.53	0.416	13.85	44.4557	105.0078902	105.007775	0.410080	105.070650	
2010	303	1600	303.666666667	10/30/2010 16:00	10/30/2010 15:00	41.102	0.58419	0.38	16.53	0.416	13.57	44.4527	105.008828	105.008713	0.411020	105.071590	
2010	303	1700	303.708333333	10/30/2010 17:00	10/30/2010 16:00	40.914	0.58152	0.38	16.49	0.416	13.46	44.4588	105.0069524	105.006837	0.409140	105.069710	
2010	303	1800	303.750000000	10/30/2010 18:00	10/30/2010 17:00	40.808	0.58001	0.38	16.5	0.416	13.4	44.4623	105.0058949	105.005780	0.408080	105.068650	
2010	303	1900	303.791666667	10/30/2010 19:00	10/30/2010 18:00	40.472	0.57524	0.38	16.53	0.416	13.33	44.4733	105.0025427	105.002427	0.404720	105.065290	
2010	303	2000	303.833333333	10/30/2010 20:00	10/30/2010 19:00	40.229	0.57178	0.38	16.54	0.415	13.29	44.4812	105.0001184	105.000003	0.402290	105.062860	
2010	303	2100	303.875000000	10/30/2010 21:00	10/30/2010 20:00	39.887	0.56692	0.381	16.51	0.416	13.25	44.4924	104.9967064	104.996591	0.398870	105.059440	
2010	303	2200	303.916666667	10/30/2010 22:00	10/30/2010 21:00	39.665	0.56377	0.381	16.54	0.416	13.21	44.4997	104.9944916	104.994376	0.396650	105.057220	
2010	303	2300	303.958333333	10/30/2010 23:00	10/30/2010 22:00	39.313	0.55876	0.381	16.53	0.416	13.18	44.5112	104.9909798	104.990864	0.393130	105.053700	
2010	303	2400	304.000000000	10/31/2010 0:00	10/30/2010 23:00	39.09	0.55560	0.382	16.51	0.417	13.15	44.5185	104.988755	104.988640	0.390900	105.051470	
2010	304	100	304.041666667	10/31/2010 1:00	10/31/2010 0:00	39.008	0.55443	0.382	16.55	0.417	13.13	44.5212	104.987937	104.987822	0.390080	105.050650	
2010	304	200	304.083333333	10/31/2010 2:00	10/31/2010 1:00	38.762	0.55093	0.382	16.54	0.417	13.1	44.5293	104.9854827	104.985367	0.387620	105.048190	
2010	304	300	304.125000000	10/31/2010 3:00	10/31/2010 2:00	38.645	0.54927	0.382	16.54	0.417	13.08	44.5331	104.9843155	104.984200	0.386450	105.047020	
2010	304	400	304.166666667	10/31/2010 4:00	10/31/2010 3:00	38.422	0.54610	0.382	16.54	0.418	13.06	44.5404	104.9820907	104.981975	0.384220	105.044790	
2010	304	500	304.208333333	10/31/2010 5:00	10/31/2010 4:00	38.501	0.54722	0.382	16.55	0.418	13.04	44.5378	104.9828788	104.982763	0.385010	105.045580	
2010	304	600	304.250000000	10/31/2010 6:00	10/31/2010 5:00	38.386	0.54559	0.382	16.53	0.418	13.02	44.5416	104.9817315	104.981616	0.383860	105.044430	
2010	304	700	304.291666667	10/31/2010 7:00	10/31/2010 6:00	38.187	0.54276	0.382	16.54	0.417	13.01	44.5481	104.9797462	104.979631	0.381870	105.042440	
2010	304	800	304.333333333	10/31/2010 8:00	10/31/2010 7:00	38	0.54010	0.382	16.52	0.418	13.83	44.5542	104.9778805	104.977765	0.380000	105.040570	
2010	304	900	304.375000000	10/31/2010 9:00	10/31/2010 8:00	38.593	0.54853	0.383	16.52	0.418	13.8	44.5348	104.9837967	104.983681	0.385930	105.046500	
2010	304	1000	304.416666667	10/31/2010 10:00	10/31/2010 9:00	38.49	0.54707	0.382	16.54	0.417	13.74	44.5382	104.9827691	104.982654	0.384900	105.045470	
2010	304	1100	304.458333333	10/31/2010 11:00	10/31/2010 10:00	37.971	0.53969	0.381	16.54	0.417	13.7	44.5551	104.9775912	104.977476	0.379710	105.040280	
2010	304	1200	304.500000000	10/31/2010 12:00	10/31/2010 11:00	38.853	0.55223	0.382	16.54	0.417	13.65	44.5263	104.9863906	104.986275	0.388530	105.049100	
2010	304	1300	304.541666667	10/31/2010 13:00	10/31/2010 12:00	38.108	0.54164	0.381	16.54	0.416	13.62	44.5507	104.978958	104.978843	0.381080	105.041650	
2010	304	1400	304.583333333	10/31/2010 14:00	10/31/2010 13:00	38.193	0.54285	0.381	16.53	0.417	13.61	44.5479	104.979806	104.979691	0.381930	105.042500	
2010	304	1500	304.625000000	10/31/2010 15:00	10/31/2010 14:00	38.263	0.54384	0.381	16.53	0.416	13.63	44.5456	104.9805044	104.980389	0.382630	105.043200	
2010	304	1600	304.666666667	10/31/2010 16:00	10/31/2010 15:00	37.908	0.53880	0.382	16.54	0.417	13.65	44.5572	104.9769627	104.976847	0.379080	105.039650	
2010	304	1700	304.708333333	10/31/2010 17:00	10/31/2010 16:00	37.496	0.53294	0.382	16.53	0.418	13.45	44.5707	104.9728523	104.972737	0.374960	105.035530	
2010	304	1800	304.750000000	10/31/2010 18:00	10/31/2010 17:00	37.198	0.52870	0.383	16.53	0.418	13.36	44.5804	104.9698793	104.969764	0.371980	105.032550	
2010	304	1900	304.791666667	10/31/2010 19:00	10/31/2010 18:00	36.91	0.52461	0.382	16.55	0.418	13.3	44.5899	104.967006	104.966891	0.369100	105.029670	
2010	304	2000	304.833333333	10/31/2010 20:00	10/31/2010 19:00	36.482	0.51853	0.382	16.55	0.418	13.25	44.6039	104.9627361	104.962621	0.364820	105.025390	
2010	304	2100	304.875000000	10/31/2010 21:00	10/31/2010 20:00	36.237	0.51504	0.383	16.54	0.418	13.22	44.6119	104.9602918	104.960176	0.362370	105.022940	
2010	304	2200	304.916666667	10/31/2010 22:00	10/31/2010 21:00	35.885	0.51004	0.383	16.54	0.418	13.19	44.6234	104.95678	104.956665	0.358850	105.019420	
2010	304	2300	304.958333333	10/31/2010 23:00	10/31/2010 22:00	35.603	0.50603	0.383	16.54	0.419	13.15	44.6327	104.9539666	104.953851	0.356030	105.016600	
2010	304	2400	305.000000000	11/01/2010 0:00	10/31/2010 23:00	35.392	0.50303	0.383	16.54	0.419	13.13	44.6396	104.9518616	104.951746	0.353920	105.014490	
2010	305	100	305.041666667	11/01/2010 1:00	11/01/2010 0:00	35.369	0.50271	0.383	16.55	0.418	13.11	44.6403	104.9516321	104.951517	0.353690	105.014260	
2010	305	200	305.083333333	11/01/2010 2:00	11/01/2010 1:00	35.486	0.50437	0.382	16.54	0.417	13.09	44.6365	104.9527994	104.952684	0.354860	105.015430	
2010	305	300	305.125000000	11/01/2010 3:00	11/01/2010 2:00	35.864	0.50974	0.381	16.54	0.417	13.07	44.6241	104.9565705	104.956455	0.358640	105.019210	
2010	305	400	305.166666667	11/01/2010 4:00	11/01/2010 3:00	36.313	0.51612	0.381	16.53	0.417	13.05	44.6094	104.96105	104.960935	0.363130	105.023700	
2010	305	500	305.208333333	11/01/2010 5:00	11/01/2010 4:00	36.619	0.52047	0.381	16.53	0.416	13.03	44.5994	104.9641029	104.963988	0.366190	105.026760	
2010	305	600	305.250000000	11/01/2010 6:00	11/01/2010 5:00	36.889	0.52431	0.381	16.53	0.416	13.01	44.5906	104.9667965	104.966681	0.368890	105.029460	
2010	305	700	305.291666667	11/01/2010 7:00	11/01/2010 6:00	37.053	0.52664	0.38	16.53	0.416	13	44.5852	104.9684327	104.968317	0.370530	105.031100	
2010	305	800	305.333333333	11/01/2010 8:00	11/01/2010 7:00	37.158	0.52814	0.381	16.53	0.416	12.99	44.5818	104.9694802	104.969365	0.371580	105.032150	
2010	305	900	305.375000000	11/01/2010 9:00	11/01/2010 8:00	37.011	0.52605	0.38	16.53	0.416	13.73	44.5866	104.9680137	104.967898	0.370110	105.030680	
2010	305	1000	305.416666667	11/01/2010 10:00	11/01/2010 9:00	36.87	0.52404	0.38	16.54	0.416	13.68	44.5912	104.966607	104.966492	0.368700	105.029270	
2010	305	1100	305.458333333	11/01/2010 11:00	11/01/2010 10:00	36.914	0.52467	0.38	16.54	0.416	13.64	44.5897	104.967046	104.966931	0.369140	105.029710	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2007	24	1049	24.450694444	01/24/2007 10:49	01/24/2007 9:49	4.2927	30.3898	105.6321971	105.585000	1.308415	105.585000	Voltage reading taken during water-level measurement
2010	15	1400	15.583333333	01/15/2010 14:00	01/15/2010 13:00	2.4814	32.1895	105.0836462	105.036449	0.756331	105.032916	
2010	15	1500	15.625000000	01/15/2010 15:00	01/15/2010 14:00	2.4817	32.1892	105.0837371	105.036540	0.756422	105.033007	
2010	15	1600	15.666666667	01/15/2010 16:00	01/15/2010 15:00	2.4813	32.1896	105.0836159	105.036419	0.756300	105.032885	
2010	15	1700	15.708333333	01/15/2010 17:00	01/15/2010 16:00	2.4671	32.2037	105.0793155	105.032118	0.751972	105.028557	
2010	15	1800	15.750000000	01/15/2010 18:00	01/15/2010 17:00	2.4617	32.2091	105.0776801	105.030483	0.750326	105.026911	
2010	15	1900	15.791666667	01/15/2010 19:00	01/15/2010 18:00	2.4694	32.2014	105.080012	105.032815	0.752673	105.029258	
2010	15	2000	15.833333333	01/15/2010 20:00	01/15/2010 19:00	2.4646	32.2062	105.0785583	105.031361	0.751210	105.027795	
2010	15	2100	15.875000000	01/15/2010 21:00	01/15/2010 20:00	2.4487	32.2220	105.073743	105.026546	0.746364	105.022949	
2010	15	2200	15.916666667	01/15/2010 22:00	01/15/2010 21:00	2.4365	32.2341	105.0700483	105.022851	0.742645	105.019230	
2010	15	2300	15.958333333	01/15/2010 23:00	01/15/2010 22:00	2.4209	32.2496	105.0653238	105.018127	0.737890	105.014475	
2010	16	0	16.000000000	01/16/2010 0:00	01/15/2010 23:00	2.4045	32.2659	105.0603571	105.013160	0.732892	105.009477	
2010	16	100	16.041666667	01/16/2010 1:00	01/16/2010 0:00	2.3924	32.2779	105.0566926	105.009496	0.729204	105.005789	
2010	16	200	16.083333333	01/16/2010 2:00	01/16/2010 1:00	2.385	32.2853	105.0544515	105.007254	0.726948	105.003533	
2010	16	300	16.125000000	01/16/2010 3:00	01/16/2010 2:00	2.3772	32.2930	105.0520893	105.004892	0.724571	105.001156	
2010	16	400	16.166666667	01/16/2010 4:00	01/16/2010 3:00	2.3682	32.3020	105.0493637	105.002167	0.721827	104.998412	
2010	16	500	16.208333333	01/16/2010 5:00	01/16/2010 4:00	2.3617	32.3084	105.0473951	105.000198	0.719846	104.996431	
2010	16	600	16.250000000	01/16/2010 6:00	01/16/2010 5:00	2.352	32.3181	105.0444575	104.997260	0.716890	104.993475	
2010	16	700	16.291666667	01/16/2010 7:00	01/16/2010 6:00	2.3446	32.3254	105.0422164	104.995019	0.714634	104.991219	
2010	16	800	16.333333333	01/16/2010 8:00	01/16/2010 7:00	2.3339	32.3360	105.0389759	104.991779	0.711373	104.987958	
2010	16	900	16.375000000	01/16/2010 9:00	01/16/2010 8:00	2.3261	32.3438	105.0366137	104.989417	0.708995	104.985580	
2010	16	1000	16.416666667	01/16/2010 10:00	01/16/2010 9:00	2.3213	32.3486	105.03516	104.987963	0.707532	104.984117	
2010	16	1100	16.458333333	01/16/2010 11:00	01/16/2010 10:00	2.3229	32.3470	105.0356446	104.988447	0.708020	104.984605	
2010	16	1200	16.500000000	01/16/2010 12:00	01/16/2010 11:00	2.3132	32.3566	105.032707	104.985510	0.705063	104.981648	
2010	16	1300	16.541666667	01/16/2010 13:00	01/16/2010 12:00	2.3046	32.3651	105.0301025	104.982905	0.702442	104.979027	
2010	16	1400	16.583333333	01/16/2010 14:00	01/16/2010 13:00	2.2949	32.3748	105.0271648	104.979968	0.699486	104.976071	
2010	16	1500	16.625000000	01/16/2010 15:00	01/16/2010 14:00	2.2823	32.3873	105.0233489	104.976152	0.695645	104.972230	
2010	16	1600	16.666666667	01/16/2010 16:00	01/16/2010 15:00	2.2708	32.3987	105.0198661	104.972669	0.692140	104.968725	
2010	16	1700	16.708333333	01/16/2010 17:00	01/16/2010 16:00	2.2635	32.4060	105.0176553	104.970458	0.689915	104.966500	
2010	16	1800	16.750000000	01/16/2010 18:00	01/16/2010 17:00	2.2525	32.4169	105.014324	104.967127	0.686562	104.963147	
2010	16	1900	16.791666667	01/16/2010 19:00	01/16/2010 18:00	2.2389	32.4304	105.0102053	104.963008	0.682417	104.959002	
2010	16	2000	16.833333333	01/16/2010 20:00	01/16/2010 19:00	2.2244	32.4448	105.0058139	104.958617	0.677997	104.954582	
2010	16	2100	16.875000000	01/16/2010 21:00	01/16/2010 20:00	2.205	32.4641	104.9999387	104.952742	0.672084	104.948669	
2010	16	2200	16.916666667	01/16/2010 22:00	01/16/2010 21:00	2.1837	32.4853	104.993488	104.946291	0.665592	104.942177	
2010	16	2300	16.958333333	01/16/2010 23:00	01/16/2010 22:00	2.1742	32.4947	104.9906109	104.943414	0.662696	104.939281	
2010	17	0	17.000000000	01/17/2010 0:00	01/16/2010 23:00	2.1723	32.4966	104.9900355	104.942838	0.662117	104.938702	
2010	17	100	17.041666667	01/17/2010 1:00	01/17/2010 0:00	2.1859	32.4831	104.9941542	104.946957	0.666262	104.942847	
2010	17	200	17.083333333	01/17/2010 2:00	01/17/2010 1:00	2.2015	32.4676	104.9988787	104.951682	0.671017	104.947602	
2010	17	300	17.125000000	01/17/2010 3:00	01/17/2010 2:00	2.2182	32.4510	105.0039363	104.956739	0.676107	104.952692	
2010	17	400	17.166666667	01/17/2010 4:00	01/17/2010 3:00	2.2318	32.4375	105.008055	104.960858	0.680253	104.956838	
2010	17	500	17.208333333	01/17/2010 5:00	01/17/2010 4:00	2.2492	32.4202	105.0133246	104.966127	0.685556	104.962141	
2010	17	600	17.250000000	01/17/2010 6:00	01/17/2010 5:00	2.2619	32.4076	105.0171708	104.969974	0.689427	104.966012	
2010	17	700	17.291666667	01/17/2010 7:00	01/17/2010 6:00	2.2744	32.3952	105.0209564	104.973759	0.693237	104.969822	
2010	17	800	17.333333333	01/17/2010 8:00	01/17/2010 7:00	2.2828	32.3868	105.0235003	104.976303	0.695797	104.972382	
2010	17	900	17.375000000	01/17/2010 9:00	01/17/2010 8:00	2.2857	32.3839	105.0243786	104.977181	0.696681	104.973266	
2010	17	1000	17.416666667	01/17/2010 10:00	01/17/2010 9:00	2.2837	32.3859	105.0237729	104.976576	0.696072	104.972657	
2010	17	1100	17.458333333	01/17/2010 11:00	01/17/2010 10:00	2.2748	32.3948	105.0210775	104.973880	0.693359	104.969944	
2010	17	1200	17.500000000	01/17/2010 12:00	01/17/2010 11:00	2.2651	32.4044	105.0181399	104.970943	0.690402	104.966988	
2010	17	1300	17.541666667	01/17/2010 13:00	01/17/2010 12:00	2.258	32.4115	105.0159897	104.968793	0.688238	104.964823	
2010	17	1400	17.583333333	01/17/2010 14:00	01/17/2010 13:00	2.236	32.4333	105.009327	104.962130	0.681533	104.958118	
2010	17	1500	17.625000000	01/17/2010 15:00	01/17/2010 14:00	2.2209	32.4483	105.004754	104.957557	0.676930	104.953515	
2010	17	1600	17.666666667	01/17/2010 16:00	01/17/2010 15:00	2.2038	32.4653	104.9995752	104.952378	0.671718	104.948303	
2010	17	1700	17.708333333	01/17/2010 17:00	01/17/2010 16:00	2.1873	32.4817	104.9945782	104.947381	0.666689	104.943274	
2010	17	1800	17.750000000	01/17/2010 18:00	01/17/2010 17:00	2.1749	32.4940	104.9908229	104.943626	0.662910	104.939495	
2010	17	1900	17.791666667	01/17/2010 19:00	01/17/2010 18:00	2.1652	32.5037	104.9878853	104.940688	0.659953	104.936538	
2010	17	2000	17.833333333	01/17/2010 20:00	01/17/2010 19:00	2.1517	32.5171	104.9837968	104.936600	0.655838	104.932423	
2010	17	2100	17.875000000	01/17/2010 21:00	01/17/2010 20:00	2.1361	32.5326	104.9790723	104.931875	0.651083	104.927668	
2010	17	2200	17.916666667	01/17/2010 22:00	01/17/2010 21:00	2.1274	32.5412	104.9764376	104.929240	0.648432	104.925017	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	17	2300	17.958333333	01/17/2010 23:00	01/17/2010 22:00	2.1093	32.5592	104.970956	104.923759	0.642915	104.919500	
2010	18	0	18.000000000	01/18/2010 0:00	01/17/2010 23:00	2.1131	32.5554	104.9721068	104.924910	0.644073	104.920658	
2010	18	100	18.041666667	01/18/2010 1:00	01/18/2010 0:00	2.1186	32.5500	104.9737725	104.926575	0.645749	104.922334	
2010	18	200	18.083333333	01/18/2010 2:00	01/18/2010 1:00	2.1212	32.5474	104.9745599	104.927363	0.646542	104.923127	
2010	18	300	18.125000000	01/18/2010 3:00	01/18/2010 2:00	2.1293	32.5393	104.977013	104.929816	0.649011	104.925596	
2010	18	400	18.166666667	01/18/2010 4:00	01/18/2010 3:00	2.1123	32.5562	104.9718645	104.924667	0.643829	104.920414	
2010	18	500	18.208333333	01/18/2010 5:00	01/18/2010 4:00	2.1087	32.5598	104.9707743	104.923577	0.642732	104.919317	
2010	18	600	18.250000000	01/18/2010 6:00	01/18/2010 5:00	2.1039	32.5646	104.9693206	104.922123	0.641269	104.917854	
2010	18	700	18.291666667	01/18/2010 7:00	01/18/2010 6:00	2.0954	32.5730	104.9667464	104.919549	0.638678	104.915263	
2010	18	800	18.333333333	01/18/2010 8:00	01/18/2010 7:00	2.0971	32.5713	104.9672612	104.920064	0.639196	104.915781	
2010	18	900	18.375000000	01/18/2010 9:00	01/18/2010 8:00	2.1013	32.5671	104.9685332	104.921336	0.640476	104.917061	
2010	18	1000	18.416666667	01/18/2010 10:00	01/18/2010 9:00	2.1133	32.5552	104.9721674	104.924970	0.644134	104.920719	
2010	18	1100	18.458333333	01/18/2010 11:00	01/18/2010 10:00	2.1135	32.5550	104.972228	104.925031	0.644195	104.920780	
2010	18	1200	18.500000000	01/18/2010 12:00	01/18/2010 11:00	2.1226	32.5460	104.9749839	104.927787	0.646968	104.923554	
2010	18	1300	18.541666667	01/18/2010 13:00	01/18/2010 12:00	2.106	32.5625	104.9699566	104.922759	0.641909	104.918494	
2010	18	1400	18.583333333	01/18/2010 14:00	01/18/2010 13:00	2.1042	32.5643	104.9694115	104.922214	0.641360	104.917945	
2010	18	1500	18.625000000	01/18/2010 15:00	01/18/2010 14:00	2.0972	32.5712	104.9672915	104.920094	0.639227	104.915812	
2010	18	1600	18.666666667	01/18/2010 16:00	01/18/2010 15:00	2.0802	32.5881	104.9621431	104.914946	0.634045	104.910630	
2010	18	1700	18.708333333	01/18/2010 17:00	01/18/2010 16:00	2.0664	32.6018	104.9579638	104.910767	0.629839	104.906424	
2010	18	1800	18.750000000	01/18/2010 18:00	01/18/2010 17:00	2.0605	32.6077	104.9561769	104.908980	0.628040	104.904625	
2010	18	1900	18.791666667	01/18/2010 19:00	01/18/2010 18:00	2.052	32.6161	104.9536027	104.906406	0.625450	104.902035	
2010	18	2000	18.833333333	01/18/2010 20:00	01/18/2010 19:00	2.0543	32.6138	104.9542993	104.907102	0.626151	104.902736	
2010	18	2100	18.875000000	01/18/2010 21:00	01/18/2010 20:00	2.0479	32.6202	104.952361	104.905164	0.624200	104.900785	
2010	18	2200	18.916666667	01/18/2010 22:00	01/18/2010 21:00	2.0414	32.6267	104.9503925	104.903195	0.622219	104.898804	
2010	18	2300	18.958333333	01/18/2010 23:00	01/18/2010 22:00	2.0346	32.6334	104.9483331	104.901136	0.620146	104.896731	
2010	19	0	19.000000000	01/19/2010 0:00	01/18/2010 23:00	2.0259	32.6421	104.9456984	104.898501	0.617494	104.894079	
2010	19	100	19.041666667	01/19/2010 1:00	01/19/2010 0:00	2.0152	32.6527	104.9424579	104.895261	0.614233	104.890818	
2010	19	200	19.083333333	01/19/2010 2:00	01/19/2010 1:00	2.0056	32.6622	104.9395505	104.892353	0.611307	104.887892	
2010	19	300	19.125000000	01/19/2010 3:00	01/19/2010 2:00	1.9939	32.6739	104.9360072	104.888810	0.607741	104.884326	
2010	19	400	19.166666667	01/19/2010 4:00	01/19/2010 3:00	1.9768	32.6909	104.9308285	104.883631	0.602529	104.879114	
2010	19	500	19.208333333	01/19/2010 5:00	01/19/2010 4:00	1.9618	32.7058	104.9262857	104.879089	0.597957	104.874542	
2010	19	600	19.250000000	01/19/2010 6:00	01/19/2010 5:00	1.9464	32.7211	104.9216218	104.874425	0.593263	104.869848	
2010	19	700	19.291666667	01/19/2010 7:00	01/19/2010 6:00	1.9292	32.7381	104.9164128	104.869216	0.588020	104.864605	
2010	19	800	19.333333333	01/19/2010 8:00	01/19/2010 7:00	1.9265	32.7408	104.9155951	104.868398	0.587197	104.863782	
2010	19	900	19.375000000	01/19/2010 9:00	01/19/2010 8:00	1.9292	32.7381	104.9164128	104.869216	0.588020	104.864605	
2010	19	1000	19.416666667	01/19/2010 10:00	01/19/2010 9:00	1.9389	32.7285	104.9193505	104.872153	0.590977	104.867562	
2010	19	1100	19.458333333	01/19/2010 11:00	01/19/2010 10:00	1.9418	32.7256	104.9202287	104.873032	0.591861	104.868446	
2010	19	1200	19.500000000	01/19/2010 12:00	01/19/2010 11:00	1.9425	32.7249	104.9204407	104.873244	0.592074	104.868659	
2010	19	1300	19.541666667	01/19/2010 13:00	01/19/2010 12:00	1.9446	32.7228	104.9210767	104.873880	0.592714	104.869299	
2010	19	1400	19.583333333	01/19/2010 14:00	01/19/2010 13:00	1.9518	32.7157	104.9232572	104.876060	0.594909	104.871494	
2010	19	1500	19.625000000	01/19/2010 15:00	01/19/2010 14:00	1.9491	32.7184	104.9224395	104.875242	0.594086	104.870671	
2010	19	1600	19.666666667	01/19/2010 16:00	01/19/2010 15:00	1.9463	32.7212	104.9215916	104.874394	0.593232	104.869817	
2010	19	1700	19.708333333	01/19/2010 17:00	01/19/2010 16:00	1.9442	32.7232	104.9209556	104.873758	0.592592	104.869177	
2010	19	1800	19.750000000	01/19/2010 18:00	01/19/2010 17:00	1.9485	32.7190	104.9222578	104.875061	0.593903	104.870488	
2010	19	1900	19.791666667	01/19/2010 19:00	01/19/2010 18:00	1.9517	32.7158	104.9232269	104.876030	0.594878	104.871463	
2010	19	2000	19.833333333	01/19/2010 20:00	01/19/2010 19:00	1.9604	32.7071	104.9258617	104.878665	0.597530	104.874115	
2010	19	2100	19.875000000	01/19/2010 21:00	01/19/2010 20:00	1.9704	32.6972	104.9288902	104.881693	0.600578	104.877163	
2010	19	2200	19.916666667	01/19/2010 22:00	01/19/2010 21:00	1.9762	32.6914	104.9306467	104.883450	0.602346	104.878931	
2010	19	2300	19.958333333	01/19/2010 23:00	01/19/2010 22:00	1.9888	32.6789	104.9344626	104.887266	0.606186	104.882771	
2010	20	0	20.000000000	01/20/2010 0:00	01/19/2010 23:00	1.9966	32.6712	104.9368249	104.889628	0.608564	104.885149	
2010	20	100	20.041666667	01/20/2010 1:00	01/20/2010 0:00	2.0002	32.6676	104.9379151	104.890718	0.609661	104.886246	
2010	20	200	20.083333333	01/20/2010 2:00	01/20/2010 1:00	2.0073	32.6605	104.9400654	104.892868	0.611825	104.888410	
2010	20	300	20.125000000	01/20/2010 3:00	01/20/2010 2:00	2.0076	32.6602	104.9401562	104.892959	0.611916	104.888502	
2010	20	400	20.166666667	01/20/2010 4:00	01/20/2010 3:00	2.0156	32.6523	104.942579	104.895382	0.614355	104.890940	
2010	20	500	20.208333333	01/20/2010 5:00	01/20/2010 4:00	2.0212	32.6467	104.944275	104.897078	0.616062	104.892647	
2010	20	600	20.250000000	01/20/2010 6:00	01/20/2010 5:00	2.01	32.6579	104.9408831	104.893686	0.612648	104.889233	
2010	20	700	20.291666667	01/20/2010 7:00	01/20/2010 6:00	2.0101	32.6578	104.9409133	104.893716	0.612678	104.889264	
2010	20	800	20.333333333	01/20/2010 8:00	01/20/2010 7:00	2.0207	32.6472	104.9441235	104.896926	0.615909	104.892494	
2010	20	900	20.375000000	01/20/2010 9:00	01/20/2010 8:00	2.0182	32.6497	104.9433664	104.896169	0.615147	104.891732	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	20	1000	20.416666667	01/20/2010 10:00	01/20/2010 9:00	2.0229	32.6450	104.9447898	104.897593	0.616580	104.893165	
2010	20	1100	20.458333333	01/20/2010 11:00	01/20/2010 10:00	2.0228	32.6451	104.9447595	104.897562	0.616549	104.893134	
2010	20	1200	20.500000000	01/20/2010 12:00	01/20/2010 11:00	2.0234	32.6445	104.9449412	104.897744	0.616732	104.893317	
2010	20	1300	20.541666667	01/20/2010 13:00	01/20/2010 12:00	2.0113	32.6566	104.9412768	104.894080	0.613044	104.889629	
2010	20	1400	20.583333333	01/20/2010 14:00	01/20/2010 13:00	2.0106	32.6573	104.9410648	104.893868	0.612831	104.889416	
2010	20	1500	20.625000000	01/20/2010 15:00	01/20/2010 14:00	2.0041	32.6637	104.9390962	104.891899	0.610850	104.887435	
2010	20	1600	20.666666667	01/20/2010 16:00	01/20/2010 15:00	1.9988	32.6690	104.9374911	104.890294	0.609234	104.885819	
2010	20	1700	20.708333333	01/20/2010 17:00	01/20/2010 16:00	1.9933	32.6745	104.9358255	104.888628	0.607558	104.884143	
2010	20	1800	20.750000000	01/20/2010 18:00	01/20/2010 17:00	1.9972	32.6706	104.9370066	104.889809	0.608747	104.885332	
2010	20	1900	20.791666667	01/20/2010 19:00	01/20/2010 18:00	1.9972	32.6706	104.9370066	104.889809	0.608747	104.885332	
2010	20	2000	20.833333333	01/20/2010 20:00	01/20/2010 19:00	2.0075	32.6603	104.9401259	104.892929	0.611886	104.888471	
2010	20	2100	20.875000000	01/20/2010 21:00	01/20/2010 20:00	2.0118	32.6561	104.9414282	104.894231	0.613197	104.889782	
2010	20	2200	20.916666667	01/20/2010 22:00	01/20/2010 21:00	2.0126	32.6553	104.9416705	104.894473	0.613440	104.890026	
2010	20	2300	20.958333333	01/20/2010 23:00	01/20/2010 22:00	2.0133	32.6546	104.9418825	104.894685	0.613654	104.890239	
2010	21	0	21.000000000	01/21/2010 0:00	01/20/2010 23:00	2.0191	32.6488	104.943639	104.896442	0.615422	104.892007	
2010	21	100	21.041666667	01/21/2010 1:00	01/21/2010 0:00	2.0126	32.6553	104.9416705	104.894473	0.613440	104.890026	
2010	21	200	21.083333333	01/21/2010 2:00	01/21/2010 1:00	2.0024	32.6654	104.9385814	104.891384	0.610332	104.886917	
2010	21	300	21.125000000	01/21/2010 3:00	01/21/2010 2:00	2.0148	32.6531	104.9423367	104.895140	0.614111	104.890696	
2010	21	400	21.166666667	01/21/2010 4:00	01/21/2010 3:00	1.9942	32.6736	104.936098	104.888901	0.607832	104.884417	
2010	21	500	21.208333333	01/21/2010 5:00	01/21/2010 4:00	1.9989	32.6689	104.9375214	104.890324	0.609265	104.885850	
2010	21	600	21.250000000	01/21/2010 6:00	01/21/2010 5:00	1.9994	32.6684	104.9376729	104.890476	0.609417	104.886002	
2010	21	700	21.291666667	01/21/2010 7:00	01/21/2010 6:00	1.9942	32.6736	104.936098	104.888901	0.607832	104.884417	
2010	21	800	21.333333333	01/21/2010 8:00	01/21/2010 7:00	1.994	32.6738	104.9360375	104.888840	0.607771	104.884356	
2010	21	900	21.375000000	01/21/2010 9:00	01/21/2010 8:00	1.9921	32.6756	104.9354621	104.888265	0.607192	104.883777	
2010	21	1000	21.416666667	01/21/2010 10:00	01/21/2010 9:00	1.9989	32.6689	104.9375214	104.890324	0.609265	104.885850	
2010	21	1100	21.458333333	01/21/2010 11:00	01/21/2010 10:00	1.996	32.6718	104.9366432	104.889446	0.608381	104.884966	
2010	21	1200	21.500000000	01/21/2010 12:00	01/21/2010 11:00	2.0043	32.6635	104.9391568	104.891960	0.610911	104.887496	
2010	21	1300	21.541666667	01/21/2010 13:00	01/21/2010 12:00	1.9884	32.6793	104.9343415	104.887144	0.606064	104.882649	
2010	21	1400	21.583333333	01/21/2010 14:00	01/21/2010 13:00	1.9908	32.6769	104.9350683	104.887871	0.606796	104.883381	
2010	21	1500	21.625000000	01/21/2010 15:00	01/21/2010 14:00	1.9867	32.6810	104.9338267	104.886630	0.605546	104.882131	
2010	21	1600	21.666666667	01/21/2010 16:00	01/21/2010 15:00	1.9795	32.6882	104.9316461	104.884449	0.603352	104.879937	
2010	21	1700	21.708333333	01/21/2010 17:00	01/21/2010 16:00	1.9623	32.7053	104.9264371	104.879240	0.598109	104.874694	
2010	21	1800	21.750000000	01/21/2010 18:00	01/21/2010 17:00	1.9532	32.7143	104.9236812	104.876484	0.595335	104.871920	
2010	21	1900	21.791666667	01/21/2010 19:00	01/21/2010 18:00	1.9467	32.7208	104.9217127	104.874516	0.593354	104.869939	
2010	21	2000	21.833333333	01/21/2010 20:00	01/21/2010 19:00	1.9404	32.7270	104.9198047	104.872608	0.591434	104.868019	
2010	21	2100	21.875000000	01/21/2010 21:00	01/21/2010 20:00	1.9298	32.7376	104.9165945	104.869397	0.588203	104.864788	
2010	21	2200	21.916666667	01/21/2010 22:00	01/21/2010 21:00	1.9128	32.7544	104.9114461	104.864249	0.583021	104.859606	
2010	21	2300	21.958333333	01/21/2010 23:00	01/21/2010 22:00	1.9096	32.7576	104.910477	104.863280	0.582046	104.858631	
2010	22	0	22.000000000	01/22/2010 0:00	01/21/2010 23:00	1.9211	32.7462	104.9139598	104.866763	0.585551	104.862136	
2010	22	100	22.041666667	01/22/2010 1:00	01/22/2010 0:00	1.9473	32.7202	104.9218944	104.874697	0.593537	104.870122	
2010	22	200	22.083333333	01/22/2010 2:00	01/22/2010 1:00	1.9767	32.6910	104.9307982	104.883601	0.602498	104.879083	
2010	22	300	22.125000000	01/22/2010 3:00	01/22/2010 2:00	2.0102	32.6577	104.9409436	104.893747	0.612709	104.889294	
2010	22	400	22.166666667	01/22/2010 4:00	01/22/2010 3:00	2.0212	32.6467	104.944275	104.897078	0.616062	104.892647	
2010	22	500	22.208333333	01/22/2010 5:00	01/22/2010 4:00	2.0323	32.6357	104.9476366	104.900439	0.619445	104.896030	
2010	22	600	22.250000000	01/22/2010 6:00	01/22/2010 5:00	2.0389	32.6291	104.9496354	104.902438	0.621457	104.898042	
2010	22	700	22.291666667	01/22/2010 7:00	01/22/2010 6:00	2.0329	32.6351	104.9478183	104.900621	0.619628	104.896213	
2010	22	800	22.333333333	01/22/2010 8:00	01/22/2010 7:00	2.0207	32.6472	104.9441235	104.896926	0.615909	104.892494	
2010	22	900	22.375000000	01/22/2010 9:00	01/22/2010 8:00	2.0182	32.6497	104.9433664	104.896169	0.615147	104.891732	
2010	22	1000	22.416666667	01/22/2010 10:00	01/22/2010 9:00	2.0075	32.6603	104.9401259	104.892929	0.611886	104.888471	
2010	22	1100	22.458333333	01/22/2010 11:00	01/22/2010 10:00	2.0016	32.6662	104.9383391	104.891142	0.610088	104.886673	
2010	22	1200	22.500000000	01/22/2010 12:00	01/22/2010 11:00	1.9955	32.6723	104.9364917	104.889295	0.608228	104.884813	
2010	22	1300	22.541666667	01/22/2010 13:00	01/22/2010 12:00	1.9885	32.6792	104.9343718	104.887175	0.606095	104.882680	
2010	22	1400	22.583333333	01/22/2010 14:00	01/22/2010 13:00	1.98	32.6877	104.9317976	104.884600	0.603504	104.880089	
2010	22	1500	22.625000000	01/22/2010 15:00	01/22/2010 14:00	1.9753	32.6923	104.9303742	104.883177	0.602071	104.878656	
2010	22	1600	22.666666667	01/22/2010 16:00	01/22/2010 15:00	1.9748	32.6928	104.9302228	104.883026	0.601919	104.878504	
2010	22	1700	22.708333333	01/22/2010 17:00	01/22/2010 16:00	1.9763	32.6913	104.930677	104.883480	0.602376	104.878961	
2010	22	1800	22.750000000	01/22/2010 18:00	01/22/2010 17:00	1.9792	32.6885	104.9315553	104.884358	0.603260	104.879845	
2010	22	1900	22.791666667	01/22/2010 19:00	01/22/2010 18:00	1.9785	32.6892	104.9313433	104.884146	0.603047	104.879632	
2010	22	2000	22.833333333	01/22/2010 20:00	01/22/2010 19:00	1.9758	32.6918	104.9305256	104.883329	0.602224	104.878809	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	22	2100	22.875000000	01/22/2010 21:00	01/22/2010 20:00	1.9739	32.6937	104.9299502	104.882753	0.601645	104.878230	
2010	22	2200	22.916666667	01/22/2010 22:00	01/22/2010 21:00	1.9708	32.6968	104.9290114	104.881814	0.600700	104.877285	
2010	22	2300	22.958333333	01/22/2010 23:00	01/22/2010 22:00	1.9782	32.6895	104.9312524	104.884055	0.602955	104.879540	
2010	23	0	23.000000000	01/23/2010 0:00	01/22/2010 23:00	1.9979	32.6699	104.9372186	104.890021	0.608960	104.885545	
2010	23	100	23.041666667	01/23/2010 1:00	01/23/2010 0:00	2.0289	32.6391	104.9466069	104.899410	0.618409	104.894994	
2010	23	200	23.083333333	01/23/2010 2:00	01/23/2010 1:00	2.0732	32.5951	104.9600231	104.912826	0.631911	104.908496	
2010	23	300	23.125000000	01/23/2010 3:00	01/23/2010 2:00	2.089	32.5794	104.9648081	104.917611	0.636727	104.913312	
2010	23	400	23.166666667	01/23/2010 4:00	01/23/2010 3:00	2.1104	32.5581	104.9712891	104.924092	0.643250	104.919835	
2010	23	500	23.208333333	01/23/2010 5:00	01/23/2010 4:00	2.1254	32.5432	104.9758319	104.928635	0.647822	104.924407	
2010	23	600	23.250000000	01/23/2010 6:00	01/23/2010 5:00	2.1379	32.5308	104.9796175	104.932420	0.651632	104.928217	
2010	23	700	23.291666667	01/23/2010 7:00	01/23/2010 6:00	2.1423	32.5264	104.98095	104.933753	0.652973	104.929558	
2010	23	800	23.333333333	01/23/2010 8:00	01/23/2010 7:00	2.157	32.5118	104.9854019	104.938205	0.657454	104.934039	
2010	23	900	23.375000000	01/23/2010 9:00	01/23/2010 8:00	2.1673	32.5016	104.9885212	104.941324	0.660593	104.937178	
2010	23	1000	23.416666667	01/23/2010 10:00	01/23/2010 9:00	2.1776	32.4913	104.9916406	104.944443	0.663732	104.940318	
2010	23	1100	23.458333333	01/23/2010 11:00	01/23/2010 10:00	2.1879	32.4811	104.9947599	104.947563	0.666872	104.943457	
2010	23	1200	23.500000000	01/23/2010 12:00	01/23/2010 11:00	2.2047	32.4644	104.9998478	104.952651	0.671993	104.948578	
2010	23	1300	23.541666667	01/23/2010 13:00	01/23/2010 12:00	2.1876	32.4814	104.9946691	104.947472	0.666780	104.943366	
2010	23	1400	23.583333333	01/23/2010 14:00	01/23/2010 13:00	2.1801	32.4889	104.9923977	104.945201	0.664494	104.941080	
2010	23	1500	23.625000000	01/23/2010 15:00	01/23/2010 14:00	2.1697	32.4992	104.9892481	104.942051	0.661325	104.937910	
2010	23	1600	23.666666667	01/23/2010 16:00	01/23/2010 15:00	2.1618	32.5070	104.9868556	104.939658	0.658917	104.935502	
2010	23	1700	23.708333333	01/23/2010 17:00	01/23/2010 16:00	2.1514	32.5174	104.9837059	104.936509	0.655747	104.932332	
2010	23	1800	23.750000000	01/23/2010 18:00	01/23/2010 17:00	2.1401	32.5286	104.9802837	104.933087	0.652302	104.928888	
2010	23	1900	23.791666667	01/23/2010 19:00	01/23/2010 18:00	2.124	32.5446	104.9754079	104.928211	0.647395	104.923980	
2010	23	2000	23.833333333	01/23/2010 20:00	01/23/2010 19:00	2.1022	32.5663	104.9688058	104.921609	0.640751	104.917336	
2010	23	2100	23.875000000	01/23/2010 21:00	01/23/2010 20:00	2.0859	32.5824	104.9638693	104.916672	0.635782	104.912367	
2010	23	2200	23.916666667	01/23/2010 22:00	01/23/2010 21:00	2.0716	32.5967	104.9595386	104.912341	0.631424	104.908009	
2010	23	2300	23.958333333	01/23/2010 23:00	01/23/2010 22:00	2.0538	32.6143	104.9541479	104.906951	0.625998	104.902583	
2010	24	0	24.000000000	01/24/2010 0:00	01/23/2010 23:00	2.0571	32.6111	104.9551473	104.907950	0.627004	104.903589	
2010	24	100	24.041666667	01/24/2010 1:00	01/24/2010 0:00	2.0437	32.6244	104.9510891	104.903892	0.622920	104.899505	
2010	24	200	24.083333333	01/24/2010 2:00	01/24/2010 1:00	2.0403	32.6278	104.9500594	104.902862	0.621883	104.898468	
2010	24	300	24.125000000	01/24/2010 3:00	01/24/2010 2:00	2.0293	32.6387	104.946728	104.899531	0.618531	104.895116	
2010	24	400	24.166666667	01/24/2010 4:00	01/24/2010 3:00	2.0277	32.6403	104.9462435	104.899046	0.618043	104.894628	
2010	24	500	24.208333333	01/24/2010 5:00	01/24/2010 4:00	2.0199	32.6480	104.9438813	104.896684	0.615666	104.892251	
2010	24	600	24.250000000	01/24/2010 6:00	01/24/2010 5:00	2.0125	32.6554	104.9416402	104.894443	0.613410	104.889995	
2010	24	700	24.291666667	01/24/2010 7:00	01/24/2010 6:00	2.0032	32.6646	104.9388237	104.891627	0.610575	104.887160	
2010	24	800	24.333333333	01/24/2010 8:00	01/24/2010 7:00	2.0054	32.6624	104.9394899	104.892293	0.611246	104.887831	
2010	24	900	24.375000000	01/24/2010 9:00	01/24/2010 8:00	2.0073	32.6605	104.9400654	104.892868	0.611825	104.888410	
2010	24	1000	24.416666667	01/24/2010 10:00	01/24/2010 9:00	2.0091	32.6588	104.9406105	104.893413	0.612374	104.888959	
2010	24	1100	24.458333333	01/24/2010 11:00	01/24/2010 10:00	2.0044	32.6634	104.9391871	104.891990	0.610941	104.887526	
2010	24	1200	24.500000000	01/24/2010 12:00	01/24/2010 11:00	2.0057	32.6621	104.9395808	104.892384	0.611337	104.887922	
2010	24	1300	24.541666667	01/24/2010 13:00	01/24/2010 12:00	1.9956	32.6722	104.936522	104.889325	0.608259	104.884844	
2010	24	1400	24.583333333	01/24/2010 14:00	01/24/2010 13:00	1.9859	32.6818	104.9335844	104.886387	0.605302	104.881887	
2010	24	1500	24.625000000	01/24/2010 15:00	01/24/2010 14:00	1.9736	32.6940	104.9298593	104.882662	0.601553	104.878138	
2010	24	1600	24.666666667	01/24/2010 16:00	01/24/2010 15:00	1.9613	32.7063	104.9261343	104.878937	0.597804	104.874389	
2010	24	1700	24.708333333	01/24/2010 17:00	01/24/2010 16:00	1.9508	32.7167	104.9229544	104.875757	0.594604	104.871189	
2010	24	1800	24.750000000	01/24/2010 18:00	01/24/2010 17:00	1.9395	32.7279	104.9195322	104.872335	0.591160	104.867745	
2010	24	1900	24.791666667	01/24/2010 19:00	01/24/2010 18:00	1.9405	32.7269	104.919835	104.872638	0.591464	104.868049	
2010	24	2000	24.833333333	01/24/2010 20:00	01/24/2010 19:00	1.9234	32.7439	104.9146563	104.867459	0.586252	104.862837	
2010	24	2100	24.875000000	01/24/2010 21:00	01/24/2010 20:00	1.9111	32.7561	104.9109313	104.863734	0.582503	104.859088	
2010	24	2200	24.916666667	01/24/2010 22:00	01/24/2010 21:00	1.9007	32.7665	104.9077816	104.860585	0.579333	104.855918	
2010	24	2300	24.958333333	01/24/2010 23:00	01/24/2010 22:00	1.8868	32.7803	104.903572	104.856375	0.575097	104.851682	
2010	25	0	25.000000000	01/25/2010 0:00	01/24/2010 23:00	1.8769	32.7901	104.9005738	104.853377	0.572079	104.848664	
2010	25	100	25.041666667	01/25/2010 1:00	01/25/2010 0:00	1.8687	32.7983	104.8980904	104.850893	0.569580	104.846165	
2010	25	200	25.083333333	01/25/2010 2:00	01/25/2010 1:00	1.855	32.8119	104.8939414	104.846744	0.565404	104.841989	
2010	25	300	25.125000000	01/25/2010 3:00	01/25/2010 2:00	1.8447	32.8221	104.8908221	104.843625	0.562265	104.838850	
2010	25	400	25.166666667	01/25/2010 4:00	01/25/2010 3:00	1.8312	32.8355	104.8867336	104.839536	0.558150	104.834735	
2010	25	500	25.208333333	01/25/2010 5:00	01/25/2010 4:00	1.8181	32.8485	104.8827663	104.835569	0.554157	104.830742	
2010	25	600	25.250000000	01/25/2010 6:00	01/25/2010 5:00	1.808	32.8586	104.8797075	104.832510	0.551078	104.827663	
2010	25	700	25.291666667	01/25/2010 7:00	01/25/2010 6:00	1.7936	32.8729	104.8753465	104.828149	0.546689	104.823274	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	25	800	25.333333333	01/25/2010 8:00	01/25/2010 7:00	1.8154	32.8512	104.8819486	104.834751	0.553334	104.829919	
2010	25	900	25.375000000	01/25/2010 9:00	01/25/2010 8:00	1.7809	32.8855	104.8715003	104.824303	0.542818	104.819403	
2010	25	1000	25.416666667	01/25/2010 10:00	01/25/2010 9:00	1.7782	32.8882	104.8706826	104.823485	0.541995	104.818580	
2010	25	1100	25.458333333	01/25/2010 11:00	01/25/2010 10:00	1.769	32.8973	104.8678964	104.820699	0.539191	104.815776	
2010	25	1200	25.500000000	01/25/2010 12:00	01/25/2010 11:00	1.7639	32.9024	104.8663518	104.819155	0.537637	104.814222	
2010	25	1300	25.541666667	01/25/2010 13:00	01/25/2010 12:00	1.7555	32.9107	104.8638079	104.816611	0.535076	104.811661	
2010	25	1400	25.583333333	01/25/2010 14:00	01/25/2010 13:00	1.7688	32.8975	104.8678358	104.820639	0.539130	104.815715	
2010	25	1500	25.625000000	01/25/2010 15:00	01/25/2010 14:00	1.8058	32.8608	104.8790412	104.831844	0.550408	104.826993	
2010	25	1600	25.666666667	01/25/2010 16:00	01/25/2010 15:00	1.8464	32.8204	104.8913369	104.844140	0.562783	104.839368	
2010	25	1700	25.708333333	01/25/2010 17:00	01/25/2010 16:00	1.8857	32.7814	104.9032389	104.856042	0.574761	104.851346	
2010	25	1800	25.750000000	01/25/2010 18:00	01/25/2010 17:00	1.9256	32.7417	104.9153226	104.868125	0.586923	104.863508	
2010	25	1900	25.791666667	01/25/2010 19:00	01/25/2010 18:00	1.9634	32.7042	104.9267703	104.879573	0.598444	104.875029	
2010	25	2000	25.833333333	01/25/2010 20:00	01/25/2010 19:00	2.0005	32.6673	104.938006	104.890809	0.609752	104.886337	
2010	25	2100	25.875000000	01/25/2010 21:00	01/25/2010 20:00	2.0442	32.6239	104.9512405	104.904043	0.623072	104.899657	
2010	25	2200	25.916666667	01/25/2010 22:00	01/25/2010 21:00	2.0982	32.5702	104.9675944	104.920397	0.639531	104.916116	
2010	25	2300	25.958333333	01/25/2010 23:00	01/25/2010 22:00	2.134	32.5347	104.9784364	104.931239	0.650443	104.927028	
2010	26	0	26.000000000	01/26/2010 0:00	01/25/2010 23:00	2.1838	32.4852	104.9935183	104.946321	0.665622	104.942207	
2010	26	100	26.041666667	01/26/2010 1:00	01/26/2010 0:00	2.2272	32.4421	105.0066619	104.959465	0.678851	104.955436	
2010	26	200	26.083333333	01/26/2010 2:00	01/26/2010 1:00	2.2724	32.3971	105.0203507	104.973154	0.692628	104.969213	
2010	26	300	26.125000000	01/26/2010 3:00	01/26/2010 2:00	2.302	32.3677	105.029315	104.982118	0.701650	104.978235	
2010	26	400	26.166666667	01/26/2010 4:00	01/26/2010 3:00	2.3225	32.3474	105.0355235	104.988326	0.707898	104.984483	
2010	26	500	26.208333333	01/26/2010 5:00	01/26/2010 4:00	2.3324	32.3375	105.0385217	104.991325	0.710916	104.987501	
2010	26	600	26.250000000	01/26/2010 6:00	01/26/2010 5:00	2.3304	32.3395	105.037916	104.990719	0.710306	104.986891	
2010	26	700	26.291666667	01/26/2010 7:00	01/26/2010 6:00	2.3203	32.3495	105.0348572	104.987660	0.707227	104.983812	
2010	26	800	26.333333333	01/26/2010 8:00	01/26/2010 7:00	2.3078	32.3620	105.0310716	104.983874	0.703417	104.980002	
2010	26	900	26.375000000	01/26/2010 9:00	01/26/2010 8:00	2.2996	32.3701	105.0285882	104.981391	0.700918	104.977503	
2010	26	1000	26.416666667	01/26/2010 10:00	01/26/2010 9:00	2.2872	32.3824	105.0248329	104.977636	0.697139	104.973724	
2010	26	1100	26.458333333	01/26/2010 11:00	01/26/2010 10:00	2.2779	32.3917	105.0220164	104.974819	0.694304	104.970889	
2010	26	1200	26.500000000	01/26/2010 12:00	01/26/2010 11:00	2.2716	32.3979	105.0201084	104.972911	0.692384	104.968969	
2010	26	1300	26.541666667	01/26/2010 13:00	01/26/2010 12:00	2.2677	32.4018	105.0189273	104.971730	0.691195	104.967780	
2010	26	1400	26.583333333	01/26/2010 14:00	01/26/2010 13:00	2.2638	32.4057	105.0177462	104.970549	0.690006	104.966591	
2010	26	1500	26.625000000	01/26/2010 15:00	01/26/2010 14:00	2.2638	32.4057	105.0177462	104.970549	0.690006	104.966591	
2010	26	1600	26.666666667	01/26/2010 16:00	01/26/2010 15:00	2.2629	32.4066	105.0174736	104.970277	0.689732	104.966317	
2010	26	1700	26.708333333	01/26/2010 17:00	01/26/2010 16:00	2.2573	32.4121	105.0157777	104.968581	0.688025	104.964610	
2010	26	1800	26.750000000	01/26/2010 18:00	01/26/2010 17:00	2.2521	32.4173	105.0142029	104.967006	0.686440	104.963025	
2010	26	1900	26.791666667	01/26/2010 19:00	01/26/2010 18:00	2.2456	32.4238	105.0122343	104.965037	0.684459	104.961044	
2010	26	2000	26.833333333	01/26/2010 20:00	01/26/2010 19:00	2.2379	32.4314	105.0099024	104.962705	0.682112	104.958697	
2010	26	2100	26.875000000	01/26/2010 21:00	01/26/2010 20:00	2.2379	32.4314	105.0099024	104.962705	0.682112	104.958697	
2010	26	2200	26.916666667	01/26/2010 22:00	01/26/2010 21:00	2.2141	32.4551	105.0026946	104.955497	0.674858	104.951443	
2010	26	2300	26.958333333	01/26/2010 23:00	01/26/2010 22:00	2.1987	32.4704	104.9980307	104.950834	0.670164	104.946749	
2010	27	0	27.000000000	01/27/2010 0:00	01/26/2010 23:00	2.1934	32.4756	104.9964256	104.949229	0.668548	104.945133	
2010	27	100	27.041666667	01/27/2010 1:00	01/27/2010 0:00	2.1909	32.4781	104.9956685	104.948471	0.667786	104.944371	
2010	27	200	27.083333333	01/27/2010 2:00	01/27/2010 1:00	2.2035	32.4656	104.9994844	104.952287	0.671627	104.948212	
2010	27	300	27.125000000	01/27/2010 3:00	01/27/2010 2:00	2.2105	32.4586	105.0016043	104.954407	0.673760	104.950345	
2010	27	400	27.166666667	01/27/2010 4:00	01/27/2010 3:00	2.2157	32.4535	105.0031791	104.955982	0.675345	104.951930	
2010	27	500	27.208333333	01/27/2010 5:00	01/27/2010 4:00	2.2214	32.4478	105.0049054	104.957708	0.677083	104.953668	
2010	27	600	27.250000000	01/27/2010 6:00	01/27/2010 5:00	2.2136	32.4556	105.0025432	104.955346	0.674705	104.951290	
2010	27	700	27.291666667	01/27/2010 7:00	01/27/2010 6:00	2.2042	32.4649	104.9996964	104.952499	0.671840	104.948425	
2010	27	800	27.333333333	01/27/2010 8:00	01/27/2010 7:00	2.1954	32.4737	104.9970313	104.949834	0.669158	104.945743	
2010	27	900	27.375000000	01/27/2010 9:00	01/27/2010 8:00	2.1863	32.4827	104.9942754	104.947078	0.666384	104.942969	
2010	27	1000	27.416666667	01/27/2010 10:00	01/27/2010 9:00	2.1753	32.4936	104.990944	104.943747	0.663031	104.939616	
2010	27	1100	27.458333333	01/27/2010 11:00	01/27/2010 10:00	2.167	32.5019	104.9884304	104.941233	0.660502	104.937087	
2010	27	1200	27.500000000	01/27/2010 12:00	01/27/2010 11:00	2.1563	32.5125	104.9851899	104.937993	0.657240	104.933825	
2010	27	1300	27.541666667	01/27/2010 13:00	01/27/2010 12:00	2.1555	32.5133	104.9849476	104.937751	0.656996	104.933581	
2010	27	1400	27.583333333	01/27/2010 14:00	01/27/2010 13:00	2.1417	32.5270	104.9807683	104.933571	0.652790	104.929375	
2010	27	1500	27.625000000	01/27/2010 15:00	01/27/2010 14:00	2.1396	32.5291	104.9801323	104.932935	0.652150	104.928735	
2010	27	1600	27.666666667	01/27/2010 16:00	01/27/2010 15:00	2.1312	32.5374	104.9775884	104.930391	0.649590	104.926175	
2010	27	1700	27.708333333	01/27/2010 17:00	01/27/2010 16:00	2.1264	32.5422	104.9761347	104.928938	0.648127	104.924712	
2010	27	1800	27.750000000	01/27/2010 18:00	01/27/2010 17:00	2.1372	32.5315	104.9794055	104.932208	0.651419	104.928004	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	27	1900	27.791666667	01/27/2010 19:00	01/27/2010 18:00	2.1649	32.5040	104.9877944	104.940597	0.659862	104.936447	
2010	27	2000	27.833333333	01/27/2010 20:00	01/27/2010 19:00	2.2005	32.4686	104.9985758	104.951379	0.670712	104.947297	
2010	27	2100	27.875000000	01/27/2010 21:00	01/27/2010 20:00	2.235	32.4343	105.0090241	104.961827	0.681228	104.957813	
2010	27	2200	27.916666667	01/27/2010 22:00	01/27/2010 21:00	2.2717	32.3978	105.0201387	104.972942	0.692414	104.968999	
2010	27	2300	27.958333333	01/27/2010 23:00	01/27/2010 22:00	2.3086	32.3612	105.0313138	104.984117	0.703661	104.980246	
2010	28	0	28.000000000	01/28/2010 0:00	01/27/2010 23:00	2.3522	32.3179	105.0445181	104.997321	0.716951	104.993536	
2010	28	100	28.041666667	01/28/2010 1:00	01/28/2010 0:00	2.4123	32.2581	105.0627193	105.015522	0.735269	105.011854	
2010	28	200	28.083333333	01/28/2010 2:00	01/28/2010 1:00	2.4559	32.2148	105.0759235	105.028726	0.748558	105.025143	
2010	28	300	28.125000000	01/28/2010 3:00	01/28/2010 2:00	2.4876	32.1833	105.0855239	105.038327	0.758220	105.034806	
2010	28	400	28.166666667	01/28/2010 4:00	01/28/2010 3:00	2.5098	32.1613	105.0922471	105.045050	0.764987	105.041572	
2010	28	500	28.208333333	01/28/2010 5:00	01/28/2010 4:00	2.5174	32.1537	105.0945488	105.047352	0.767304	105.043889	
2010	28	600	28.250000000	01/28/2010 6:00	01/28/2010 5:00	2.5141	32.1570	105.0935494	105.046352	0.766298	105.042883	
2010	28	700	28.291666667	01/28/2010 7:00	01/28/2010 6:00	2.5068	32.1642	105.0913386	105.044141	0.764073	105.040658	
2010	28	800	28.333333333	01/28/2010 8:00	01/28/2010 7:00	2.4936	32.1774	105.087341	105.040144	0.760049	105.036634	
2010	28	900	28.375000000	01/28/2010 9:00	01/28/2010 8:00	2.485	32.1859	105.0847365	105.037539	0.757428	105.034013	
2010	28	1000	28.416666667	01/28/2010 10:00	01/28/2010 9:00	2.4698	32.2010	105.0801332	105.032936	0.752795	105.029380	
2010	28	1100	28.458333333	01/28/2010 11:00	01/28/2010 10:00	2.4431	32.2275	105.0720471	105.024850	0.744657	105.021242	
2010	28	1200	28.500000000	01/28/2010 12:00	01/28/2010 11:00	2.4328	32.2378	105.0689277	105.021731	0.741517	105.018102	
2010	28	1300	28.541666667	01/28/2010 13:00	01/28/2010 12:00	2.4041	32.2663	105.060236	105.013039	0.732770	105.009355	
2010	28	1400	28.583333333	01/28/2010 14:00	01/28/2010 13:00	2.3779	32.2923	105.0523013	105.005104	0.724784	105.001369	
2010	28	1500	28.625000000	01/28/2010 15:00	01/28/2010 14:00	2.3614	32.3087	105.0473043	105.000107	0.719755	104.996340	
2010	28	1600	28.666666667	01/28/2010 16:00	01/28/2010 15:00	2.341	32.3290	105.0411262	104.993929	0.713537	104.990122	
2010	28	1700	28.708333333	01/28/2010 17:00	01/28/2010 16:00	2.3222	32.3477	105.0354326	104.988235	0.707807	104.984392	
2010	28	1800	28.750000000	01/28/2010 18:00	01/28/2010 17:00	2.3096	32.3602	105.0316167	104.984420	0.703966	104.980551	
2010	28	1900	28.791666667	01/28/2010 19:00	01/28/2010 18:00	2.2891	32.3806	105.0254083	104.978211	0.697718	104.974303	
2010	28	2000	28.833333333	01/28/2010 20:00	01/28/2010 19:00	2.2765	32.3931	105.0215924	104.974395	0.693877	104.970462	
2010	28	2100	28.875000000	01/28/2010 21:00	01/28/2010 20:00	2.2711	32.3984	105.019957	104.972760	0.692231	104.968816	
2010	28	2200	28.916666667	01/28/2010 22:00	01/28/2010 21:00	2.2723	32.3972	105.0203204	104.973123	0.692597	104.969182	
2010	28	2300	28.958333333	01/28/2010 23:00	01/28/2010 22:00	2.2927	32.3770	105.0264985	104.979301	0.698815	104.975400	
2010	29	0	29.000000000	01/29/2010 0:00	01/28/2010 23:00	2.324	32.3459	105.0359777	104.988781	0.708355	104.984940	
2010	29	100	29.041666667	01/29/2010 1:00	01/29/2010 0:00	2.378	32.2922	105.0523316	105.005134	0.724814	105.001399	
2010	29	200	29.083333333	01/29/2010 2:00	01/29/2010 1:00	2.414	32.2564	105.0632342	105.016037	0.735787	105.012372	
2010	29	300	29.125000000	01/29/2010 3:00	01/29/2010 2:00	2.4466	32.2241	105.073107	105.025910	0.745724	105.022309	
2010	29	400	29.166666667	01/29/2010 4:00	01/29/2010 3:00	2.4716	32.1992	105.0806783	105.033481	0.753344	105.029929	
2010	29	500	29.208333333	01/29/2010 5:00	01/29/2010 4:00	2.4945	32.1765	105.0876135	105.040416	0.760324	105.036909	
2010	29	600	29.250000000	01/29/2010 6:00	01/29/2010 5:00	2.506	32.1650	105.0910963	105.043899	0.763829	105.040414	
2010	29	700	29.291666667	01/29/2010 7:00	01/29/2010 6:00	2.5125	32.1586	105.0930648	105.045868	0.765810	105.042395	
2010	29	800	29.333333333	01/29/2010 8:00	01/29/2010 7:00	2.5188	32.1523	105.0949728	105.047776	0.767730	105.044315	
2010	29	900	29.375000000	01/29/2010 9:00	01/29/2010 8:00	2.5142	32.1569	105.0935797	105.046383	0.766328	105.042913	
2010	29	1000	29.416666667	01/29/2010 10:00	01/29/2010 9:00	2.5195	32.1516	105.0951848	105.047988	0.767944	105.044529	
2010	29	1100	29.458333333	01/29/2010 11:00	01/29/2010 10:00	2.4932	32.1778	105.0872198	105.040023	0.759927	105.036512	
2010	29	1200	29.500000000	01/29/2010 12:00	01/29/2010 11:00	2.478	32.1929	105.0826165	105.035419	0.755294	105.031879	
2010	29	1300	29.541666667	01/29/2010 13:00	01/29/2010 12:00	2.4602	32.2105	105.0772258	105.030029	0.749869	105.026454	
2010	29	1400	29.583333333	01/29/2010 14:00	01/29/2010 13:00	2.4398	32.2308	105.0710477	105.023851	0.743651	105.020236	
2010	29	1500	29.625000000	01/29/2010 15:00	01/29/2010 14:00	2.4147	32.2558	105.0634462	105.016249	0.736001	105.012586	
2010	29	1600	29.666666667	01/29/2010 16:00	01/29/2010 15:00	2.3891	32.2812	105.0556932	105.008496	0.728198	105.004783	
2010	29	1700	29.708333333	01/29/2010 17:00	01/29/2010 16:00	2.3675	32.3027	105.0491517	105.001955	0.721614	104.998199	
2010	29	1800	29.750000000	01/29/2010 18:00	01/29/2010 17:00	2.3455	32.3245	105.042489	104.995292	0.714908	104.991493	
2010	29	1900	29.791666667	01/29/2010 19:00	01/29/2010 18:00	2.3292	32.3407	105.0375525	104.990355	0.709940	104.986525	
2010	29	2000	29.833333333	01/29/2010 20:00	01/29/2010 19:00	2.3151	32.3547	105.0332824	104.986085	0.705642	104.982228	
2010	29	2100	29.875000000	01/29/2010 21:00	01/29/2010 20:00	2.3057	32.3641	105.0304356	104.983238	0.702777	104.979362	
2010	29	2200	29.916666667	01/29/2010 22:00	01/29/2010 21:00	2.3255	32.3444	105.036432	104.989235	0.708812	104.985397	
2010	29	2300	29.958333333	01/29/2010 23:00	01/29/2010 22:00	2.3412	32.3288	105.0411867	104.993990	0.713598	104.990183	
2010	30	0	30.000000000	01/30/2010 0:00	01/29/2010 23:00	2.3859	32.2844	105.0547241	105.007527	0.727222	105.003807	
2010	30	100	30.041666667	01/30/2010 1:00	01/30/2010 0:00	2.4369	32.2337	105.0701694	105.022972	0.742767	105.019352	
2010	30	200	30.083333333	01/30/2010 2:00	01/30/2010 1:00	2.4781	32.1928	105.0826468	105.035450	0.755325	105.031910	
2010	30	300	30.125000000	01/30/2010 3:00	01/30/2010 2:00	2.5136	32.1575	105.093398	105.046201	0.766145	105.042730	
2010	30	400	30.166666667	01/30/2010 4:00	01/30/2010 3:00	2.5327	32.1385	105.0991824	105.051985	0.771967	105.048552	
2010	30	500	30.208333333	01/30/2010 5:00	01/30/2010 4:00	2.5448	32.1265	105.1028468	105.055650	0.775655	105.052240	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	30	600	30.250000000	01/30/2010 6:00	01/30/2010 5:00	2.5546	32.1167	105.1058148	105.058618	0.778642	105.055227	
2010	30	700	30.291666667	01/30/2010 7:00	01/30/2010 6:00	2.5554	32.1160	105.1060571	105.058860	0.778886	105.055471	
2010	30	800	30.333333333	01/30/2010 8:00	01/30/2010 7:00	2.5627	32.1087	105.1082678	105.061071	0.781111	105.057696	
2010	30	900	30.375000000	01/30/2010 9:00	01/30/2010 8:00	2.5614	32.1100	105.1078741	105.060677	0.780715	105.057300	
2010	30	1000	30.416666667	01/30/2010 10:00	01/30/2010 9:00	2.5604	32.1110	105.1075713	105.060374	0.780410	105.056995	
2010	30	1100	30.458333333	01/30/2010 11:00	01/30/2010 10:00	2.5466	32.1247	105.103392	105.056195	0.776204	105.052789	
2010	30	1200	30.500000000	01/30/2010 12:00	01/30/2010 11:00	2.5269	32.1443	105.0974258	105.050229	0.770199	105.046784	
2010	30	1300	30.541666667	01/30/2010 13:00	01/30/2010 12:00	2.5128	32.1583	105.0931557	105.045959	0.765901	105.042486	
2010	30	1400	30.583333333	01/30/2010 14:00	01/30/2010 13:00	2.496	32.1750	105.0880678	105.040871	0.760781	105.037366	
2010	30	1500	30.625000000	01/30/2010 15:00	01/30/2010 14:00	2.4824	32.1885	105.0839491	105.036752	0.756636	105.033221	
2010	30	1600	30.666666667	01/30/2010 16:00	01/30/2010 15:00	2.4836	32.1873	105.0843125	105.037115	0.757001	105.033586	
2010	30	1700	30.708333333	01/30/2010 17:00	01/30/2010 16:00	2.504	32.1670	105.0904906	105.043293	0.763219	105.039804	
2010	30	1800	30.750000000	01/30/2010 18:00	01/30/2010 17:00	2.541	32.1303	105.101696	105.054499	0.774497	105.051082	
2010	30	1900	30.791666667	01/30/2010 19:00	01/30/2010 18:00	2.5886	32.0830	105.1161116	105.068915	0.789005	105.065590	
2010	30	2000	30.833333333	01/30/2010 20:00	01/30/2010 19:00	2.6155	32.0562	105.1242583	105.077061	0.797204	105.073789	
2010	30	2100	30.875000000	01/30/2010 21:00	01/30/2010 20:00	2.6514	32.0206	105.1351306	105.087933	0.808147	105.084732	
2010	30	2200	30.916666667	01/30/2010 22:00	01/30/2010 21:00	2.6819	31.9903	105.1443675	105.097170	0.817443	105.094028	
2010	30	2300	30.958333333	01/30/2010 23:00	01/30/2010 22:00	2.7106	31.9617	105.1530593	105.105862	0.826191	105.102776	
2010	31	0	31.000000000	01/31/2010 0:00	01/30/2010 23:00	2.7393	31.9332	105.161751	105.114554	0.834939	105.111524	
2010	31	100	31.041666667	01/31/2010 1:00	01/31/2010 0:00	2.75	31.9226	105.1649915	105.117794	0.838200	105.114785	
2010	31	200	31.083333333	01/31/2010 2:00	01/31/2010 1:00	2.7595	31.9132	105.1678686	105.120671	0.841096	105.117681	
2010	31	300	31.125000000	01/31/2010 3:00	01/31/2010 2:00	2.76	31.9127	105.16802	105.120823	0.841248	105.117833	
2010	31	400	31.166666667	01/31/2010 4:00	01/31/2010 3:00	2.7526	31.9200	105.1657789	105.118582	0.838992	105.115578	
2010	31	500	31.208333333	01/31/2010 5:00	01/31/2010 4:00	2.7404	31.9321	105.1620842	105.114887	0.835274	105.111859	
2010	31	600	31.250000000	01/31/2010 6:00	01/31/2010 5:00	2.7237	31.9487	105.1570266	105.109829	0.830184	105.106769	
2010	31	700	31.291666667	01/31/2010 7:00	01/31/2010 6:00	2.7006	31.9717	105.1500308	105.102834	0.823143	105.099728	
2010	31	800	31.333333333	01/31/2010 8:00	01/31/2010 7:00	2.6903	31.9819	105.1469114	105.099714	0.820003	105.096588	
2010	31	900	31.375000000	01/31/2010 9:00	01/31/2010 8:00	2.6657	32.0064	105.1394613	105.092264	0.812505	105.089090	
2010	31	1000	31.416666667	01/31/2010 10:00	01/31/2010 9:00	2.6467	32.0252	105.1337072	105.086510	0.806714	105.083299	
2010	31	1100	31.458333333	01/31/2010 11:00	01/31/2010 10:00	2.6286	32.0432	105.1282256	105.081029	0.801197	105.077782	
2010	31	1200	31.500000000	01/31/2010 12:00	01/31/2010 11:00	2.6119	32.0598	105.123168	105.075971	0.796107	105.072692	
2010	31	1300	31.541666667	01/31/2010 13:00	01/31/2010 12:00	2.598	32.0736	105.1189584	105.071761	0.791870	105.068455	
2010	31	1400	31.583333333	01/31/2010 14:00	01/31/2010 13:00	2.58	32.0915	105.1135071	105.066310	0.786384	105.062969	
2010	31	1500	31.625000000	01/31/2010 15:00	01/31/2010 14:00	2.571	32.1005	105.1107815	105.063584	0.783641	105.060226	
2010	31	1600	31.666666667	01/31/2010 16:00	01/31/2010 15:00	2.5532	32.1181	105.1053908	105.058194	0.778215	105.054800	
2010	31	1700	31.708333333	01/31/2010 17:00	01/31/2010 16:00	2.5236	32.1476	105.0964264	105.049229	0.769193	105.045778	
2010	31	1800	31.750000000	01/31/2010 18:00	01/31/2010 17:00	2.4997	32.1713	105.0891883	105.041991	0.761909	105.038494	
2010	31	1900	31.791666667	01/31/2010 19:00	01/31/2010 18:00	2.4841	32.1868	105.0844639	105.037267	0.757154	105.033739	
2010	31	2000	31.833333333	01/31/2010 20:00	01/31/2010 19:00	2.471	32.1998	105.0804966	105.033299	0.753161	105.029746	
2010	31	2100	31.875000000	01/31/2010 21:00	01/31/2010 20:00	2.4537	32.2170	105.0752573	105.028060	0.747888	105.024473	
2010	31	2200	31.916666667	01/31/2010 22:00	01/31/2010 21:00	2.4454	32.2253	105.0727436	105.025547	0.745358	105.021943	
2010	31	2300	31.958333333	01/31/2010 23:00	01/31/2010 22:00	2.4254	32.2451	105.0666866	105.019490	0.739262	105.015847	
2010	32	0	32.000000000	02/01/2010 0:00	01/31/2010 23:00	2.423	32.2475	105.0659598	105.018763	0.738530	105.015115	
2010	32	100	32.041666667	02/01/2010 1:00	02/01/2010 0:00	2.4188	32.2517	105.0646878	105.017491	0.737250	105.013835	
2010	32	200	32.083333333	02/01/2010 2:00	02/01/2010 1:00	2.4143	32.2562	105.063325	105.016128	0.735879	105.012464	
2010	32	300	32.125000000	02/01/2010 3:00	02/01/2010 2:00	2.406	32.2644	105.0608114	105.013614	0.733349	105.009934	
2010	32	400	32.166666667	02/01/2010 4:00	02/01/2010 3:00	2.3996	32.2708	105.0588731	105.011676	0.731398	105.007983	
2010	32	500	32.208333333	02/01/2010 5:00	02/01/2010 4:00	2.3831	32.2872	105.0538761	105.006679	0.726369	105.002954	
2010	32	600	32.250000000	02/01/2010 6:00	02/01/2010 5:00	2.3763	32.2939	105.0518167	105.004620	0.724296	105.000881	
2010	32	700	32.291666667	02/01/2010 7:00	02/01/2010 6:00	2.3717	32.2985	105.0504236	105.003227	0.722894	104.999479	
2010	32	800	32.333333333	02/01/2010 8:00	02/01/2010 7:00	2.381	32.2892	105.0532401	105.006043	0.725729	105.002314	
2010	32	900	32.375000000	02/01/2010 9:00	02/01/2010 8:00	2.3731	32.2971	105.0508476	105.003651	0.723321	104.999906	
2010	32	1000	32.416666667	02/01/2010 10:00	02/01/2010 9:00	2.3689	32.3013	105.0495757	105.002379	0.722041	104.998626	
2010	32	1100	32.458333333	02/01/2010 11:00	02/01/2010 10:00	2.3726	32.2976	105.0506962	105.003499	0.723168	104.999754	
2010	32	1200	32.500000000	02/01/2010 12:00	02/01/2010 11:00	2.3621	32.3080	105.0475163	105.000319	0.719968	104.996553	
2010	32	1300	32.541666667	02/01/2010 13:00	02/01/2010 12:00	2.354	32.3161	105.0450632	104.997866	0.717499	104.994084	
2010	32	1400	32.583333333	02/01/2010 14:00	02/01/2010 13:00	2.3462	32.3238	105.042701	104.995504	0.715122	104.991707	
2010	32	1500	32.625000000	02/01/2010 15:00	02/01/2010 14:00	2.3301	32.3398	105.0378251	104.990628	0.710214	104.986800	
2010	32	1600	32.666666667	02/01/2010 16:00	02/01/2010 15:00	2.3152	32.3546	105.0333127	104.986116	0.705673	104.982258	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	32	1700	32.708333333	02/01/2010 17:00	02/01/2010 16:00	2.3028	32.3669	105.0295573	104.982360	0.701893	104.978478	
2010	32	1800	32.750000000	02/01/2010 18:00	02/01/2010 17:00	2.2931	32.3766	105.0266197	104.979423	0.698937	104.975522	
2010	32	1900	32.791666667	02/01/2010 19:00	02/01/2010 18:00	2.2865	32.3831	105.0246209	104.977424	0.696925	104.973510	
2010	32	2000	32.833333333	02/01/2010 20:00	02/01/2010 19:00	2.272	32.3975	105.0202296	104.973032	0.692506	104.969091	
2010	32	2100	32.875000000	02/01/2010 21:00	02/01/2010 20:00	2.2638	32.4057	105.0177462	104.970549	0.690006	104.966591	
2010	32	2200	32.916666667	02/01/2010 22:00	02/01/2010 21:00	2.2606	32.4089	105.0167771	104.969580	0.689031	104.965616	
2010	32	2300	32.958333333	02/01/2010 23:00	02/01/2010 22:00	2.2532	32.4162	105.014536	104.967339	0.686775	104.963360	
2010	33	0	33.000000000	02/02/2010 0:00	02/01/2010 23:00	2.2468	32.4226	105.0125978	104.965401	0.684825	104.961410	
2010	33	100	33.041666667	02/02/2010 1:00	02/02/2010 0:00	2.2417	32.4276	105.0110532	104.963856	0.683270	104.959855	
2010	33	200	33.083333333	02/02/2010 2:00	02/02/2010 1:00	2.2364	32.4329	105.0094481	104.962251	0.681655	104.958240	
2010	33	300	33.125000000	02/02/2010 3:00	02/02/2010 2:00	2.2297	32.4396	105.007419	104.960222	0.679613	104.956198	
2010	33	400	33.166666667	02/02/2010 4:00	02/02/2010 3:00	2.2251	32.4441	105.0060259	104.958829	0.678210	104.954796	
2010	33	500	33.208333333	02/02/2010 5:00	02/02/2010 4:00	2.2146	32.4546	105.002846	104.955649	0.675010	104.951595	
2010	33	600	33.250000000	02/02/2010 6:00	02/02/2010 5:00	2.2074	32.4617	105.0006655	104.953468	0.672816	104.949401	
2010	33	700	33.291666667	02/02/2010 7:00	02/02/2010 6:00	2.2054	32.4637	105.0000598	104.952863	0.672206	104.948791	
2010	33	800	33.333333333	02/02/2010 8:00	02/02/2010 7:00	2.2174	32.4518	105.003694	104.956497	0.675864	104.952449	
2010	33	900	33.375000000	02/02/2010 9:00	02/02/2010 8:00	2.2217	32.4475	105.0049962	104.957799	0.677174	104.953759	
2010	33	1000	33.416666667	02/02/2010 10:00	02/02/2010 9:00	2.2361	32.4332	105.0093573	104.962160	0.681563	104.958148	
2010	33	1100	33.458333333	02/02/2010 11:00	02/02/2010 10:00	2.2366	32.4327	105.0095087	104.962312	0.681716	104.958301	
2010	33	1200	33.500000000	02/02/2010 12:00	02/02/2010 11:00	2.2385	32.4308	105.0100841	104.962887	0.682295	104.958880	
2010	33	1300	33.541666667	02/02/2010 13:00	02/02/2010 12:00	2.2583	32.4112	105.0160805	104.968883	0.688330	104.964915	
2010	33	1400	33.583333333	02/02/2010 14:00	02/02/2010 13:00	2.2634	32.4061	105.0176251	104.970428	0.689884	104.966469	
2010	33	1500	33.625000000	02/02/2010 15:00	02/02/2010 14:00	2.2795	32.3901	105.0225009	104.975304	0.694792	104.971377	
2010	33	1600	33.666666667	02/02/2010 16:00	02/02/2010 15:00	2.2816	32.3880	105.0231369	104.975940	0.695432	104.972017	
2010	33	1700	33.708333333	02/02/2010 17:00	02/02/2010 16:00	2.2825	32.3871	105.0234095	104.976212	0.695706	104.972291	
2010	33	1800	33.750000000	02/02/2010 18:00	02/02/2010 17:00	2.2794	32.3902	105.0224706	104.975274	0.694761	104.971346	
2010	33	1900	33.791666667	02/02/2010 19:00	02/02/2010 18:00	2.2821	32.3875	105.0232883	104.976091	0.695584	104.972169	
2010	33	2000	33.833333333	02/02/2010 20:00	02/02/2010 19:00	2.2869	32.3827	105.024742	104.977545	0.697047	104.973632	
2010	33	2100	33.875000000	02/02/2010 21:00	02/02/2010 20:00	2.2828	32.3868	105.0235003	104.976303	0.695797	104.972382	
2010	33	2200	33.916666667	02/02/2010 22:00	02/02/2010 21:00	2.2917	32.3780	105.0261957	104.978999	0.698510	104.975095	
2010	33	2300	33.958333333	02/02/2010 23:00	02/02/2010 22:00	2.2922	32.3775	105.0263471	104.979150	0.698663	104.975248	
2010	34	0	34.000000000	02/03/2010 0:00	02/02/2010 23:00	2.2873	32.3823	105.0248632	104.977666	0.697169	104.973754	
2010	34	100	34.041666667	02/03/2010 1:00	02/03/2010 0:00	2.288	32.3816	105.0250752	104.977878	0.697382	104.973967	
2010	34	200	34.083333333	02/03/2010 2:00	02/03/2010 1:00	2.2874	32.3822	105.0248934	104.977696	0.697200	104.973785	
2010	34	300	34.125000000	02/03/2010 3:00	02/03/2010 2:00	2.2868	32.3828	105.0247117	104.977515	0.697017	104.973602	
2010	34	400	34.166666667	02/03/2010 4:00	02/03/2010 3:00	2.2927	32.3770	105.0264985	104.979301	0.698815	104.975400	
2010	34	500	34.208333333	02/03/2010 5:00	02/03/2010 4:00	2.2959	32.3738	105.0274677	104.980271	0.699790	104.976375	
2010	34	600	34.250000000	02/03/2010 6:00	02/03/2010 5:00	2.2984	32.3713	105.0282248	104.981028	0.700552	104.977137	
2010	34	700	34.291666667	02/03/2010 7:00	02/03/2010 6:00	2.3072	32.3626	105.0308899	104.983693	0.703235	104.979820	
2010	34	800	34.333333333	02/03/2010 8:00	02/03/2010 7:00	2.3403	32.3297	105.0409142	104.993717	0.713323	104.989908	
2010	34	900	34.375000000	02/03/2010 9:00	02/03/2010 8:00	2.3499	32.3201	105.0438215	104.996624	0.716250	104.992835	
2010	34	1000	34.416666667	02/03/2010 10:00	02/03/2010 9:00	2.3621	32.3080	105.0475163	105.000319	0.719968	104.996553	
2010	34	1100	34.458333333	02/03/2010 11:00	02/03/2010 10:00	2.3667	32.3034	105.0489094	105.001712	0.721370	104.997955	
2010	34	1200	34.500000000	02/03/2010 12:00	02/03/2010 11:00	2.3784	32.2918	105.0524527	105.005256	0.724936	105.001521	
2010	34	1300	34.541666667	02/03/2010 13:00	02/03/2010 12:00	2.3901	32.2802	105.0559961	105.008799	0.728502	105.005088	
2010	34	1400	34.583333333	02/03/2010 14:00	02/03/2010 13:00	2.3975	32.2728	105.0582371	105.011040	0.730758	105.007343	
2010	34	1500	34.625000000	02/03/2010 15:00	02/03/2010 14:00	2.4183	32.2522	105.0645364	105.017339	0.737098	105.013683	
2010	34	1600	34.666666667	02/03/2010 16:00	02/03/2010 15:00	2.4373	32.2333	105.0702906	105.023093	0.742889	105.019474	
2010	34	1700	34.708333333	02/03/2010 17:00	02/03/2010 16:00	2.443	32.2276	105.0720168	105.024820	0.744626	105.021211	
2010	34	1800	34.750000000	02/03/2010 18:00	02/03/2010 17:00	2.4422	32.2284	105.0717745	105.024577	0.744383	105.020968	
2010	34	1900	34.791666667	02/03/2010 19:00	02/03/2010 18:00	2.4423	32.2283	105.0718048	105.024608	0.744413	105.020998	
2010	34	2000	34.833333333	02/03/2010 20:00	02/03/2010 19:00	2.4389	32.2317	105.0707751	105.023578	0.743377	105.019962	
2010	34	2100	34.875000000	02/03/2010 21:00	02/03/2010 20:00	2.4394	32.2312	105.0709265	105.023729	0.743529	105.020114	
2010	34	2200	34.916666667	02/03/2010 22:00	02/03/2010 21:00	2.4299	32.2407	105.0680495	105.020852	0.740634	105.017219	
2010	34	2300	34.958333333	02/03/2010 23:00	02/03/2010 22:00	2.4188	32.2517	105.0646878	105.017491	0.737250	105.013835	
2010	35	0	35.000000000	02/04/2010 0:00	02/03/2010 23:00	2.3953	32.2750	105.0575709	105.010374	0.730087	105.006672	
2010	35	100	35.041666667	02/04/2010 1:00	02/04/2010 0:00	2.3907	32.2796	105.0561778	105.008981	0.728685	105.005270	
2010	35	200	35.083333333	02/04/2010 2:00	02/04/2010 1:00	2.382	32.2882	105.053543	105.006346	0.726034	105.002619	
2010	35	300	35.125000000	02/04/2010 3:00	02/04/2010 2:00	2.3683	32.3019	105.0493939	105.002197	0.721858	104.998443	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	35	400	35.166666667	02/04/2010 4:00	02/04/2010 3:00	2.3618	32.3083	105.0474254	105.000228	0.719877	104.996462	
2010	35	500	35.208333333	02/04/2010 5:00	02/04/2010 4:00	2.3534	32.3167	105.0448815	104.997684	0.717316	104.993901	
2010	35	600	35.250000000	02/04/2010 6:00	02/04/2010 5:00	2.347	32.3230	105.0429433	104.995746	0.715366	104.991951	
2010	35	700	35.291666667	02/04/2010 7:00	02/04/2010 6:00	2.342	32.3280	105.041429	104.994232	0.713842	104.990427	
2010	35	800	35.333333333	02/04/2010 8:00	02/04/2010 7:00	2.3527	32.3174	105.0446695	104.997472	0.717103	104.993688	
2010	35	900	35.375000000	02/04/2010 9:00	02/04/2010 8:00	2.3515	32.3185	105.0443061	104.997109	0.716737	104.993322	
2010	35	1000	35.416666667	02/04/2010 10:00	02/04/2010 9:00	2.3487	32.3213	105.0434581	104.996261	0.715884	104.992469	
2010	35	1100	35.458333333	02/04/2010 11:00	02/04/2010 10:00	2.353	32.3171	105.0447604	104.997563	0.717194	104.993779	
2010	35	1200	35.500000000	02/04/2010 12:00	02/04/2010 11:00	2.3525	32.3176	105.0446089	104.997412	0.717042	104.993627	
2010	35	1300	35.541666667	02/04/2010 13:00	02/04/2010 12:00	2.3599	32.3102	105.04685	104.999653	0.719298	104.995883	
2010	35	1400	35.583333333	02/04/2010 14:00	02/04/2010 13:00	2.3582	32.3119	105.0463352	104.999138	0.718779	104.995364	
2010	35	1500	35.625000000	02/04/2010 15:00	02/04/2010 14:00	2.3537	32.3164	105.0449724	104.997775	0.717408	104.993993	
2010	35	1600	35.666666667	02/04/2010 16:00	02/04/2010 15:00	2.3501	32.3199	105.0438821	104.996685	0.716310	104.992896	
2010	35	1700	35.708333333	02/04/2010 17:00	02/04/2010 16:00	2.347	32.3230	105.0429433	104.995746	0.715366	104.991951	
2010	35	1800	35.750000000	02/04/2010 18:00	02/04/2010 17:00	2.3393	32.3307	105.0406113	104.993414	0.713019	104.989604	
2010	35	1900	35.791666667	02/04/2010 19:00	02/04/2010 18:00	2.3348	32.3351	105.0392485	104.992051	0.711647	104.988232	
2010	35	2000	35.833333333	02/04/2010 20:00	02/04/2010 19:00	2.3338	32.3361	105.0389456	104.991749	0.711342	104.987927	
2010	35	2100	35.875000000	02/04/2010 21:00	02/04/2010 20:00	2.3293	32.3406	105.0375828	104.990386	0.709971	104.986556	
2010	35	2200	35.916666667	02/04/2010 22:00	02/04/2010 21:00	2.333	32.3369	105.0387034	104.991506	0.711098	104.987683	
2010	35	2300	35.958333333	02/04/2010 23:00	02/04/2010 22:00	2.3154	32.3544	105.0333732	104.986176	0.705734	104.982319	
2010	36	0	36.000000000	02/05/2010 0:00	02/04/2010 23:00	2.312	32.3578	105.0323435	104.985146	0.704698	104.981283	
2010	36	100	36.041666667	02/05/2010 1:00	02/05/2010 0:00	2.3017	32.3680	105.0292242	104.982027	0.701558	104.978143	
2010	36	200	36.083333333	02/05/2010 2:00	02/05/2010 1:00	2.2959	32.3738	105.0274677	104.980271	0.699790	104.976375	
2010	36	300	36.125000000	02/05/2010 3:00	02/05/2010 2:00	2.2866	32.3830	105.0246512	104.977454	0.696956	104.973541	
2010	36	400	36.166666667	02/05/2010 4:00	02/05/2010 3:00	2.2799	32.3897	105.0226221	104.975425	0.694914	104.971499	
2010	36	500	36.208333333	02/05/2010 5:00	02/05/2010 4:00	2.2744	32.3952	105.0209564	104.973759	0.693237	104.969822	
2010	36	600	36.250000000	02/05/2010 6:00	02/05/2010 5:00	2.2833	32.3863	105.0236518	104.976455	0.695950	104.972535	
2010	36	700	36.291666667	02/05/2010 7:00	02/05/2010 6:00	2.3048	32.3650	105.030163	104.982966	0.702503	104.979088	
2010	36	800	36.333333333	02/05/2010 8:00	02/05/2010 7:00	2.3479	32.3221	105.0432158	104.996019	0.715640	104.992225	
2010	36	900	36.375000000	02/05/2010 9:00	02/05/2010 8:00	2.376	32.2942	105.0517259	105.004529	0.724205	105.000790	
2010	36	1000	36.416666667	02/05/2010 10:00	02/05/2010 9:00	2.4038	32.2666	105.0601451	105.012948	0.732678	105.009263	
2010	36	1100	36.458333333	02/05/2010 11:00	02/05/2010 10:00	2.4304	32.2402	105.0682009	105.021004	0.740786	105.017371	
2010	36	1200	36.500000000	02/05/2010 12:00	02/05/2010 11:00	2.4417	32.2289	105.0716231	105.024426	0.744230	105.020815	
2010	36	1300	36.541666667	02/05/2010 13:00	02/05/2010 12:00	2.404	32.2664	105.0602057	105.013009	0.732739	105.009324	
2010	36	1400	36.583333333	02/05/2010 14:00	02/05/2010 13:00	2.4511	32.2196	105.0744699	105.027273	0.747095	105.023680	
2010	36	1500	36.625000000	02/05/2010 15:00	02/05/2010 14:00	2.449	32.2217	105.0738339	105.026637	0.746455	105.023040	
2010	36	1600	36.666666667	02/05/2010 16:00	02/05/2010 15:00	2.4185	32.2520	105.064597	105.017400	0.737159	105.013744	
2010	36	1700	36.708333333	02/05/2010 17:00	02/05/2010 16:00	2.3956	32.2747	105.0576617	105.010465	0.730179	105.006764	
2010	36	1800	36.750000000	02/05/2010 18:00	02/05/2010 17:00	2.3771	32.2931	105.052059	105.004862	0.724540	105.001125	
2010	36	1900	36.791666667	02/05/2010 19:00	02/05/2010 18:00	2.3629	32.3072	105.0477586	105.000561	0.720212	104.996797	
2010	36	2000	36.833333333	02/05/2010 20:00	02/05/2010 19:00	2.3503	32.3197	105.0439427	104.996746	0.716371	104.992956	
2010	36	2100	36.875000000	02/05/2010 21:00	02/05/2010 20:00	2.3305	32.3394	105.0379462	104.990749	0.710336	104.986921	
2010	36	2200	36.916666667	02/05/2010 22:00	02/05/2010 21:00	2.3153	32.3545	105.0333429	104.986146	0.705703	104.982288	
2010	36	2300	36.958333333	02/05/2010 23:00	02/05/2010 22:00	2.3173	32.3525	105.0339486	104.986752	0.706313	104.982898	
2010	37	0	37.000000000	02/06/2010 0:00	02/05/2010 23:00	2.3212	32.3487	105.0351297	104.987933	0.707502	104.984087	
2010	37	100	37.041666667	02/06/2010 1:00	02/06/2010 0:00	2.307	32.3628	105.0308293	104.983632	0.703174	104.979759	
2010	37	200	37.083333333	02/06/2010 2:00	02/06/2010 1:00	2.2929	32.3768	105.0265591	104.979362	0.698876	104.975461	
2010	37	300	37.125000000	02/06/2010 3:00	02/06/2010 2:00	2.2849	32.3847	105.0241363	104.976939	0.696438	104.973023	
2010	37	400	37.166666667	02/06/2010 4:00	02/06/2010 3:00	2.2726	32.3969	105.0204113	104.973214	0.692688	104.969274	
2010	37	500	37.208333333	02/06/2010 5:00	02/06/2010 4:00	2.2587	32.4108	105.0162017	104.969005	0.688452	104.965037	
2010	37	600	37.250000000	02/06/2010 6:00	02/06/2010 5:00	2.2418	32.4275	105.0110835	104.963886	0.683301	104.959886	
2010	37	700	37.291666667	02/06/2010 7:00	02/06/2010 6:00	2.2218	32.4474	105.0050265	104.957829	0.677205	104.953790	
2010	37	800	37.333333333	02/06/2010 8:00	02/06/2010 7:00	2.2128	32.4564	105.0023009	104.955104	0.674461	104.951046	
2010	37	900	37.375000000	02/06/2010 9:00	02/06/2010 8:00	2.2139	32.4553	105.002634	104.955437	0.674797	104.951382	
2010	37	1000	37.416666667	02/06/2010 10:00	02/06/2010 9:00	2.2107	32.4584	105.0016649	104.954468	0.673821	104.950406	
2010	37	1100	37.458333333	02/06/2010 11:00	02/06/2010 10:00	2.2012	32.4679	104.9987878	104.951591	0.670926	104.947511	
2010	37	1200	37.500000000	02/06/2010 12:00	02/06/2010 11:00	2.1931	32.4759	104.9963348	104.949138	0.668457	104.945042	
2010	37	1300	37.541666667	02/06/2010 13:00	02/06/2010 12:00	2.1916	32.4774	104.9958805	104.948683	0.668000	104.944585	
2010	37	1400	37.583333333	02/06/2010 14:00	02/06/2010 13:00	2.1807	32.4883	104.9925794	104.945382	0.664677	104.941262	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	37	1500	37.625000000	02/06/2010 15:00	02/06/2010 14:00	2.1642	32.5047	104.9875824	104.940385	0.659648	104.936233	
2010	37	1600	37.666666667	02/06/2010 16:00	02/06/2010 15:00	2.1506	32.5182	104.9834637	104.936267	0.655503	104.932088	
2010	37	1700	37.708333333	02/06/2010 17:00	02/06/2010 16:00	2.1325	32.5361	104.9779821	104.930785	0.649986	104.926571	
2010	37	1800	37.750000000	02/06/2010 18:00	02/06/2010 17:00	2.1208	32.5478	104.9744388	104.927242	0.646420	104.923005	
2010	37	1900	37.791666667	02/06/2010 19:00	02/06/2010 18:00	2.1184	32.5502	104.9737119	104.926515	0.645688	104.922273	
2010	37	2000	37.833333333	02/06/2010 20:00	02/06/2010 19:00	2.1133	32.5552	104.9721674	104.924970	0.644134	104.920719	
2010	37	2100	37.875000000	02/06/2010 21:00	02/06/2010 20:00	2.1023	32.5662	104.968836	104.921639	0.640781	104.917366	
2010	37	2200	37.916666667	02/06/2010 22:00	02/06/2010 21:00	2.092	32.5764	104.9657167	104.918520	0.637642	104.914227	
2010	37	2300	37.958333333	02/06/2010 23:00	02/06/2010 22:00	2.0935	32.5749	104.966171	104.918974	0.638099	104.914684	
2010	38	0	38.000000000	02/07/2010 0:00	02/06/2010 23:00	2.0838	32.5845	104.9632333	104.916036	0.635142	104.911727	
2010	38	100	38.041666667	02/07/2010 1:00	02/07/2010 0:00	2.0835	32.5848	104.9631425	104.915945	0.635051	104.911636	
2010	38	200	38.083333333	02/07/2010 2:00	02/07/2010 1:00	2.0799	32.5884	104.9620522	104.914855	0.633954	104.910539	
2010	38	300	38.125000000	02/07/2010 3:00	02/07/2010 2:00	2.064	32.6042	104.9572369	104.910040	0.629107	104.905692	
2010	38	400	38.166666667	02/07/2010 4:00	02/07/2010 3:00	2.0618	32.6064	104.9565706	104.909374	0.628437	104.905022	
2010	38	500	38.208333333	02/07/2010 5:00	02/07/2010 4:00	2.055	32.6132	104.9545113	104.907314	0.626364	104.902949	
2010	38	600	38.250000000	02/07/2010 6:00	02/07/2010 5:00	2.0464	32.6217	104.9519068	104.904710	0.623743	104.900328	
2010	38	700	38.291666667	02/07/2010 7:00	02/07/2010 6:00	2.0307	32.6373	104.947152	104.899955	0.618957	104.895542	
2010	38	800	38.333333333	02/07/2010 8:00	02/07/2010 7:00	2.0281	32.6399	104.9463646	104.899168	0.618165	104.894750	
2010	38	900	38.375000000	02/07/2010 9:00	02/07/2010 8:00	2.0232	32.6447	104.9448807	104.897684	0.616671	104.893256	
2010	38	1000	38.416666667	02/07/2010 10:00	02/07/2010 9:00	2.0161	32.6518	104.9427304	104.895533	0.614507	104.891092	
2010	38	1100	38.458333333	02/07/2010 11:00	02/07/2010 10:00	2.0158	32.6521	104.9426396	104.895442	0.614416	104.891001	
2010	38	1200	38.500000000	02/07/2010 12:00	02/07/2010 11:00	2.0111	32.6568	104.9412162	104.894019	0.612983	104.889568	
2010	38	1300	38.541666667	02/07/2010 13:00	02/07/2010 12:00	2.0092	32.6587	104.9406408	104.893444	0.612404	104.888989	
2010	38	1400	38.583333333	02/07/2010 14:00	02/07/2010 13:00	2.0208	32.6471	104.9441538	104.896957	0.615940	104.892525	
2010	38	1500	38.625000000	02/07/2010 15:00	02/07/2010 14:00	2.0179	32.6500	104.9432756	104.896078	0.615056	104.891641	
2010	38	1600	38.666666667	02/07/2010 16:00	02/07/2010 15:00	1.992	32.6757	104.9354318	104.888235	0.607162	104.883747	
2010	38	1700	38.708333333	02/07/2010 17:00	02/07/2010 16:00	1.981	32.6867	104.9321004	104.884903	0.603809	104.880394	
2010	38	1800	38.750000000	02/07/2010 18:00	02/07/2010 17:00	1.9757	32.6919	104.9304953	104.883298	0.602193	104.878778	
2010	38	1900	38.791666667	02/07/2010 19:00	02/07/2010 18:00	1.9743	32.6933	104.9300713	104.882874	0.601767	104.878352	
2010	38	2000	38.833333333	02/07/2010 20:00	02/07/2010 19:00	1.9733	32.6943	104.9297685	104.882571	0.601462	104.878047	
2010	38	2100	38.875000000	02/07/2010 21:00	02/07/2010 20:00	1.9675	32.7001	104.928012	104.880815	0.599694	104.876279	
2010	38	2200	38.916666667	02/07/2010 22:00	02/07/2010 21:00	1.9647	32.7029	104.927164	104.879967	0.598841	104.875426	
2010	38	2300	38.958333333	02/07/2010 23:00	02/07/2010 22:00	1.9561	32.7114	104.9245595	104.877362	0.596219	104.872804	
2010	39	0	39.000000000	02/08/2010 0:00	02/07/2010 23:00	1.9547	32.7128	104.9241355	104.876938	0.595793	104.872378	
2010	39	100	39.041666667	02/08/2010 1:00	02/08/2010 0:00	1.9567	32.7108	104.9247412	104.877544	0.596402	104.872987	
2010	39	200	39.083333333	02/08/2010 2:00	02/08/2010 1:00	1.9572	32.7103	104.9248926	104.877696	0.596555	104.873140	
2010	39	300	39.125000000	02/08/2010 3:00	02/08/2010 2:00	1.9679	32.6997	104.9281331	104.880936	0.599816	104.876401	
2010	39	400	39.166666667	02/08/2010 4:00	02/08/2010 3:00	1.964	32.7036	104.926952	104.879755	0.598627	104.875212	
2010	39	500	39.208333333	02/08/2010 5:00	02/08/2010 4:00	1.951	32.7165	104.9230149	104.875818	0.594665	104.871250	
2010	39	600	39.250000000	02/08/2010 6:00	02/08/2010 5:00	1.9476	32.7199	104.9219853	104.874788	0.593628	104.870214	
2010	39	700	39.291666667	02/08/2010 7:00	02/08/2010 6:00	1.9404	32.7270	104.9198047	104.872608	0.591434	104.868019	
2010	39	800	39.333333333	02/08/2010 8:00	02/08/2010 7:00	1.9408	32.7266	104.9199259	104.872729	0.591556	104.868141	
2010	39	900	39.375000000	02/08/2010 9:00	02/08/2010 8:00	1.923	32.7443	104.9145352	104.867338	0.586130	104.862715	
2010	39	1000	39.416666667	02/08/2010 10:00	02/08/2010 9:00	1.9157	32.7516	104.9123244	104.865127	0.583905	104.860490	
2010	39	1100	39.458333333	02/08/2010 11:00	02/08/2010 10:00	1.9055	32.7617	104.9092353	104.862038	0.580796	104.857381	
2010	39	1200	39.500000000	02/08/2010 12:00	02/08/2010 11:00	1.8926	32.7745	104.9053285	104.858131	0.576864	104.853450	
2010	39	1300	39.541666667	02/08/2010 13:00	02/08/2010 12:00	1.8814	32.7856	104.9019366	104.854740	0.573451	104.850036	
2010	39	1400	39.583333333	02/08/2010 14:00	02/08/2010 13:00	1.8701	32.7969	104.8985144	104.851317	0.570006	104.846592	
2010	39	1500	39.625000000	02/08/2010 15:00	02/08/2010 14:00	1.8575	32.8094	104.8946985	104.847501	0.566166	104.842751	
2010	39	1600	39.666666667	02/08/2010 16:00	02/08/2010 15:00	1.8413	32.8255	104.8897924	104.842595	0.561228	104.837813	
2010	39	1700	39.708333333	02/08/2010 17:00	02/08/2010 16:00	1.8231	32.8436	104.8842805	104.837083	0.555681	104.832266	
2010	39	1800	39.750000000	02/08/2010 18:00	02/08/2010 17:00	1.8041	32.8624	104.8785264	104.831329	0.549890	104.826475	
2010	39	1900	39.791666667	02/08/2010 19:00	02/08/2010 18:00	1.7903	32.8762	104.8743471	104.827150	0.545683	104.822268	
2010	39	2000	39.833333333	02/08/2010 20:00	02/08/2010 19:00	1.7825	32.8839	104.8719848	104.824788	0.543306	104.819891	
2010	39	2100	39.875000000	02/08/2010 21:00	02/08/2010 20:00	1.7719	32.8944	104.8687746	104.821578	0.540075	104.816660	
2010	39	2200	39.916666667	02/08/2010 22:00	02/08/2010 21:00	1.7613	32.9050	104.8655644	104.818367	0.536844	104.813429	
2010	39	2300	39.958333333	02/08/2010 23:00	02/08/2010 22:00	1.7525	32.9137	104.8628994	104.815702	0.534162	104.810747	
2010	40	0	40.000000000	02/09/2010 0:00	02/08/2010 23:00	1.7477	32.9185	104.8614457	104.814249	0.532699	104.809284	
2010	40	100	40.041666667	02/09/2010 1:00	02/09/2010 0:00	1.7457	32.9205	104.86084	104.813643	0.532089	104.808674	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	40	200	40.083333333	02/09/2010 2:00	02/09/2010 1:00	1.7422	32.9240	104.85978	104.812583	0.531023	104.807608	
2010	40	300	40.125000000	02/09/2010 3:00	02/09/2010 2:00	1.737	32.9291	104.8582052	104.811008	0.529438	104.806023	
2010	40	400	40.166666667	02/09/2010 4:00	02/09/2010 3:00	1.7341	32.9320	104.8573269	104.810130	0.528554	104.805139	
2010	40	500	40.208333333	02/09/2010 5:00	02/09/2010 4:00	1.7305	32.9356	104.8562367	104.809040	0.527456	104.804041	
2010	40	600	40.250000000	02/09/2010 6:00	02/09/2010 5:00	1.7257	32.9403	104.854783	104.807586	0.525993	104.802578	
2010	40	700	40.291666667	02/09/2010 7:00	02/09/2010 6:00	1.7199	32.9461	104.8530265	104.805829	0.524226	104.800811	
2010	40	800	40.333333333	02/09/2010 8:00	02/09/2010 7:00	1.7094	32.9565	104.8498466	104.802649	0.521025	104.797610	
2010	40	900	40.375000000	02/09/2010 9:00	02/09/2010 8:00	1.7073	32.9586	104.8492106	104.802013	0.520385	104.796970	
2010	40	1000	40.416666667	02/09/2010 10:00	02/09/2010 9:00	1.7048	32.9611	104.8484535	104.801256	0.519623	104.796208	
2010	40	1100	40.458333333	02/09/2010 11:00	02/09/2010 10:00	1.7051	32.9608	104.8485443	104.801347	0.519714	104.796300	
2010	40	1200	40.500000000	02/09/2010 12:00	02/09/2010 11:00	1.7137	32.9523	104.8511488	104.803952	0.522336	104.798921	
2010	40	1300	40.541666667	02/09/2010 13:00	02/09/2010 12:00	1.7086	32.9573	104.8496043	104.802407	0.520781	104.797366	
2010	40	1400	40.583333333	02/09/2010 14:00	02/09/2010 13:00	1.7036	32.9623	104.84809	104.800893	0.519257	104.795842	
2010	40	1500	40.625000000	02/09/2010 15:00	02/09/2010 14:00	1.6965	32.9694	104.8459398	104.798743	0.517093	104.793678	
2010	40	1600	40.666666667	02/09/2010 16:00	02/09/2010 15:00	1.6951	32.9707	104.8455158	104.798319	0.516666	104.793252	
2010	40	1700	40.708333333	02/09/2010 17:00	02/09/2010 16:00	1.6706	32.9951	104.838096	104.790899	0.509199	104.785784	
2010	40	1800	40.750000000	02/09/2010 18:00	02/09/2010 17:00	1.6445	33.0210	104.8301916	104.782995	0.501244	104.777829	
2010	40	1900	40.791666667	02/09/2010 19:00	02/09/2010 18:00	1.6448	33.0207	104.8302825	104.783085	0.501335	104.777920	
2010	40	2000	40.833333333	02/09/2010 20:00	02/09/2010 19:00	1.6617	33.0039	104.8354006	104.788204	0.506486	104.783071	
2010	40	2100	40.875000000	02/09/2010 21:00	02/09/2010 20:00	1.6971	32.9688	104.8461215	104.798924	0.517276	104.793861	
2010	40	2200	40.916666667	02/09/2010 22:00	02/09/2010 21:00	1.7497	32.9165	104.8620514	104.814854	0.533309	104.809894	
2010	40	2300	40.958333333	02/09/2010 23:00	02/09/2010 22:00	1.8109	32.8557	104.8805858	104.833389	0.551962	104.828547	
2010	41	0	41.000000000	02/10/2010 0:00	02/09/2010 23:00	1.8842	32.7829	104.9027846	104.855588	0.574304	104.850889	
2010	41	100	41.041666667	02/10/2010 1:00	02/10/2010 0:00	1.9552	32.7123	104.9242869	104.877090	0.595945	104.872530	
2010	41	200	41.083333333	02/10/2010 2:00	02/10/2010 1:00	2.0245	32.6435	104.9452744	104.898077	0.617068	104.893653	
2010	41	300	41.125000000	02/10/2010 3:00	02/10/2010 2:00	2.0785	32.5898	104.9616282	104.914431	0.633527	104.910112	
2010	41	400	41.166666667	02/10/2010 4:00	02/10/2010 3:00	2.1159	32.5526	104.9729548	104.925758	0.644926	104.921511	
2010	41	500	41.208333333	02/10/2010 5:00	02/10/2010 4:00	2.1399	32.5288	104.9802232	104.933026	0.652242	104.928827	
2010	41	600	41.250000000	02/10/2010 6:00	02/10/2010 5:00	2.1576	32.5112	104.9855836	104.938387	0.657636	104.934222	
2010	41	700	41.291666667	02/10/2010 7:00	02/10/2010 6:00	2.1717	32.4972	104.9898538	104.942657	0.661934	104.938519	
2010	41	800	41.333333333	02/10/2010 8:00	02/10/2010 7:00	2.1741	32.4948	104.9905806	104.943384	0.662666	104.939251	
2010	41	900	41.375000000	02/10/2010 9:00	02/10/2010 8:00	2.1918	32.4772	104.9959411	104.948744	0.668061	104.944646	
2010	41	1000	41.416666667	02/10/2010 10:00	02/10/2010 9:00	2.1923	32.4767	104.9960925	104.948895	0.668213	104.944798	
2010	41	1100	41.458333333	02/10/2010 11:00	02/10/2010 10:00	2.1874	32.4816	104.9946085	104.947411	0.666720	104.943305	
2010	41	1200	41.500000000	02/10/2010 12:00	02/10/2010 11:00	2.1803	32.4887	104.9924583	104.945261	0.664555	104.941140	
2010	41	1300	41.541666667	02/10/2010 13:00	02/10/2010 12:00	2.1546	32.5142	104.9846751	104.937478	0.656722	104.933307	
2010	41	1400	41.583333333	02/10/2010 14:00	02/10/2010 13:00	2.1275	32.5411	104.9764678	104.929271	0.648462	104.925047	
2010	41	1500	41.625000000	02/10/2010 15:00	02/10/2010 14:00	2.0932	32.5752	104.9660801	104.918883	0.638007	104.914592	
2010	41	1600	41.666666667	02/10/2010 16:00	02/10/2010 15:00	2.07	32.5982	104.959054	104.911857	0.630936	104.907521	
2010	41	1700	41.708333333	02/10/2010 17:00	02/10/2010 16:00	2.0538	32.6143	104.9541479	104.906951	0.625998	104.902583	
2010	41	1800	41.750000000	02/10/2010 18:00	02/10/2010 17:00	2.0518	32.6163	104.9535422	104.906345	0.625389	104.901974	
2010	41	1900	41.791666667	02/10/2010 19:00	02/10/2010 18:00	2.0742	32.5941	104.960326	104.913129	0.632216	104.908801	
2010	41	2000	41.833333333	02/10/2010 20:00	02/10/2010 19:00	2.1159	32.5526	104.9729548	104.925758	0.644926	104.921511	
2010	41	2100	41.875000000	02/10/2010 21:00	02/10/2010 20:00	2.1653	32.5036	104.9879155	104.940718	0.659983	104.936568	
2010	41	2200	41.916666667	02/10/2010 22:00	02/10/2010 21:00	2.2234	32.4458	105.0055111	104.958314	0.677692	104.954277	
2010	41	2300	41.958333333	02/10/2010 23:00	02/10/2010 22:00	2.2845	32.3851	105.0240152	104.976818	0.696316	104.972901	
2010	42	0	42.000000000	02/11/2010 0:00	02/10/2010 23:00	2.3451	32.3249	105.0423678	104.995171	0.714786	104.991372	
2010	42	100	42.041666667	02/11/2010 1:00	02/11/2010 0:00	2.3983	32.2720	105.0584794	105.011282	0.731002	105.007587	
2010	42	200	42.083333333	02/11/2010 2:00	02/11/2010 1:00	2.4423	32.2283	105.0718048	105.024608	0.744413	105.020998	
2010	42	300	42.125000000	02/11/2010 3:00	02/11/2010 2:00	2.4762	32.1946	105.0820714	105.034874	0.754746	105.031331	
2010	42	400	42.166666667	02/11/2010 4:00	02/11/2010 3:00	2.5032	32.1678	105.0902483	105.043051	0.762975	105.039560	
2010	42	500	42.208333333	02/11/2010 5:00	02/11/2010 4:00	2.5256	32.1456	105.0970321	105.049835	0.769803	105.046388	
2010	42	600	42.250000000	02/11/2010 6:00	02/11/2010 5:00	2.5334	32.1378	105.0993944	105.052197	0.772180	105.048765	
2010	42	700	42.291666667	02/11/2010 7:00	02/11/2010 6:00	2.5243	32.1469	105.0966384	105.049441	0.769407	105.045992	
2010	42	800	42.333333333	02/11/2010 8:00	02/11/2010 7:00	2.5197	32.1514	105.0952453	105.048048	0.768005	105.044590	
2010	42	900	42.375000000	02/11/2010 9:00	02/11/2010 8:00	2.5078	32.1632	105.0916414	105.044444	0.764377	105.040962	
2010	42	1000	42.416666667	02/11/2010 10:00	02/11/2010 9:00	2.4917	32.1792	105.0867656	105.039568	0.759470	105.036055	
2010	42	1100	42.458333333	02/11/2010 11:00	02/11/2010 10:00	2.4847	32.1862	105.0846456	105.037449	0.757337	105.033922	
2010	42	1200	42.500000000	02/11/2010 12:00	02/11/2010 11:00	2.4757	32.1951	105.08192	105.034723	0.754593	105.031178	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	42	1300	42.541666667	02/11/2010 13:00	02/11/2010 12:00	2.4885	32.1824	105.0857964	105.038599	0.758495	105.035080	
2010	42	1400	42.583333333	02/11/2010 14:00	02/11/2010 13:00	2.5052	32.1658	105.090854	105.043657	0.763585	105.040170	
2010	42	1500	42.625000000	02/11/2010 15:00	02/11/2010 14:00	2.5209	32.1502	105.0956087	105.048412	0.768370	105.044955	
2010	42	1600	42.666666667	02/11/2010 16:00	02/11/2010 15:00	2.5347	32.1365	105.0997881	105.052591	0.772577	105.049162	
2010	42	1700	42.708333333	02/11/2010 17:00	02/11/2010 16:00	2.5459	32.1254	105.10318	105.055983	0.775990	105.052575	
2010	42	1800	42.750000000	02/11/2010 18:00	02/11/2010 17:00	2.5505	32.1208	105.1045731	105.057376	0.777392	105.053977	
2010	42	1900	42.791666667	02/11/2010 19:00	02/11/2010 18:00	2.5523	32.1190	105.1051182	105.057921	0.777941	105.054526	
2010	42	2000	42.833333333	02/11/2010 20:00	02/11/2010 19:00	2.5469	32.1244	105.1034828	105.056286	0.776295	105.052880	
2010	42	2100	42.875000000	02/11/2010 21:00	02/11/2010 20:00	2.5421	32.1292	105.1020292	105.054832	0.774832	105.051417	
2010	42	2200	42.916666667	02/11/2010 22:00	02/11/2010 21:00	2.5459	32.1254	105.10318	105.055983	0.775990	105.052575	
2010	42	2300	42.958333333	02/11/2010 23:00	02/11/2010 22:00	2.5576	32.1138	105.1067233	105.059526	0.779556	105.056142	
2010	43	0	43.000000000	02/12/2010 0:00	02/11/2010 23:00	2.5789	32.0926	105.113174	105.065977	0.786049	105.062634	
2010	43	100	43.041666667	02/12/2010 1:00	02/12/2010 0:00	2.6002	32.0714	105.1196247	105.072428	0.792541	105.069126	
2010	43	200	43.083333333	02/12/2010 2:00	02/12/2010 1:00	2.6204	32.0514	105.1257423	105.078545	0.798698	105.075283	
2010	43	300	43.125000000	02/12/2010 3:00	02/12/2010 2:00	2.6418	32.0301	105.1322232	105.085026	0.805221	105.081806	
2010	43	400	43.166666667	02/12/2010 4:00	02/12/2010 3:00	2.6495	32.0225	105.1345552	105.087358	0.807568	105.084153	
2010	43	500	43.208333333	02/12/2010 5:00	02/12/2010 4:00	2.6524	32.0196	105.1354334	105.088236	0.808452	105.085037	
2010	43	600	43.250000000	02/12/2010 6:00	02/12/2010 5:00	2.6456	32.0263	105.1333741	105.086177	0.806379	105.082964	
2010	43	700	43.291666667	02/12/2010 7:00	02/12/2010 6:00	2.6363	32.0356	105.1305576	105.083360	0.803544	105.080129	
2010	43	800	43.333333333	02/12/2010 8:00	02/12/2010 7:00	2.6205	32.0513	105.1257725	105.078575	0.798728	105.075313	
2010	43	900	43.375000000	02/12/2010 9:00	02/12/2010 8:00	2.5999	32.0717	105.1195338	105.072337	0.792450	105.069035	
2010	43	1000	43.416666667	02/12/2010 10:00	02/12/2010 9:00	2.5816	32.0899	105.1139917	105.066795	0.786872	105.063457	
2010	43	1100	43.458333333	02/12/2010 11:00	02/12/2010 10:00	2.5622	32.1092	105.1081164	105.060919	0.780959	105.057544	
2010	43	1200	43.500000000	02/12/2010 12:00	02/12/2010 11:00	2.548	32.1233	105.103816	105.056619	0.776630	105.053215	
2010	43	1300	43.541666667	02/12/2010 13:00	02/12/2010 12:00	2.5361	32.1351	105.1002121	105.053015	0.773003	105.049588	
2010	43	1400	43.583333333	02/12/2010 14:00	02/12/2010 13:00	2.5196	32.1515	105.095215	105.048018	0.767974	105.044559	
2010	43	1500	43.625000000	02/12/2010 15:00	02/12/2010 14:00	2.5061	32.1649	105.0911266	105.043929	0.763859	105.040444	
2010	43	1600	43.666666667	02/12/2010 16:00	02/12/2010 15:00	2.5138	32.1573	105.0934585	105.046261	0.766206	105.042791	
2010	43	1700	43.708333333	02/12/2010 17:00	02/12/2010 16:00	2.4876	32.1833	105.0855239	105.038327	0.758220	105.034806	
2010	43	1800	43.750000000	02/12/2010 18:00	02/12/2010 17:00	2.4508	32.2199	105.074379	105.027182	0.747004	105.023589	
2010	43	1900	43.791666667	02/12/2010 19:00	02/12/2010 18:00	2.4268	32.2437	105.0671106	105.019914	0.739689	105.016274	
2010	43	2000	43.833333333	02/12/2010 20:00	02/12/2010 19:00	2.4077	32.2627	105.0613262	105.014129	0.733867	105.010452	
2010	43	2100	43.875000000	02/12/2010 21:00	02/12/2010 20:00	2.3938	32.2765	105.0571166	105.009920	0.729630	105.006215	
2010	43	2200	43.916666667	02/12/2010 22:00	02/12/2010 21:00	2.3735	32.2967	105.0509688	105.003772	0.723443	105.000028	
2010	43	2300	43.958333333	02/12/2010 23:00	02/12/2010 22:00	2.379	32.2912	105.0526344	105.005437	0.725119	105.001704	
2010	44	0	44.000000000	02/13/2010 0:00	02/12/2010 23:00	2.3602	32.3099	105.0469409	104.999744	0.719389	104.995974	
2010	44	100	44.041666667	02/13/2010 1:00	02/13/2010 0:00	2.3581	32.3120	105.0463049	104.999108	0.718749	104.995334	
2010	44	200	44.083333333	02/13/2010 2:00	02/13/2010 1:00	2.3625	32.3076	105.0476374	105.000440	0.720090	104.996675	
2010	44	300	44.125000000	02/13/2010 3:00	02/13/2010 2:00	2.3696	32.3006	105.0497877	105.002591	0.722254	104.998839	
2010	44	400	44.166666667	02/13/2010 4:00	02/13/2010 3:00	2.3783	32.2919	105.0524224	105.005225	0.724906	105.001491	
2010	44	500	44.208333333	02/13/2010 5:00	02/13/2010 4:00	2.3861	32.2842	105.0547847	105.007588	0.727283	105.003868	
2010	44	600	44.250000000	02/13/2010 6:00	02/13/2010 5:00	2.3783	32.2919	105.0524224	105.005225	0.724906	105.001491	
2010	44	700	44.291666667	02/13/2010 7:00	02/13/2010 6:00	2.3755	32.2947	105.0515745	105.004377	0.724052	105.000637	
2010	44	800	44.333333333	02/13/2010 8:00	02/13/2010 7:00	2.3647	32.3054	105.0483037	105.001107	0.720761	104.997346	
2010	44	900	44.375000000	02/13/2010 9:00	02/13/2010 8:00	2.3671	32.3030	105.0490305	105.001833	0.721492	104.998077	
2010	44	1000	44.416666667	02/13/2010 10:00	02/13/2010 9:00	2.361	32.3091	105.0471832	104.999986	0.719633	104.996218	
2010	44	1100	44.458333333	02/13/2010 11:00	02/13/2010 10:00	2.3584	32.3117	105.0463957	104.999199	0.718840	104.995425	
2010	44	1200	44.500000000	02/13/2010 12:00	02/13/2010 11:00	2.3595	32.3106	105.0467289	104.999532	0.719176	104.995761	
2010	44	1300	44.541666667	02/13/2010 13:00	02/13/2010 12:00	2.3531	32.3170	105.0447906	104.997594	0.717225	104.993810	
2010	44	1400	44.583333333	02/13/2010 14:00	02/13/2010 13:00	2.3376	32.3324	105.0400965	104.992899	0.712500	104.989086	
2010	44	1500	44.625000000	02/13/2010 15:00	02/13/2010 14:00	2.3295	32.3404	105.0376434	104.990446	0.710032	104.986617	
2010	44	1600	44.666666667	02/13/2010 16:00	02/13/2010 15:00	2.3008	32.3689	105.0289516	104.981755	0.701284	104.977869	
2010	44	1700	44.708333333	02/13/2010 17:00	02/13/2010 16:00	2.273	32.3965	105.0205324	104.973335	0.692810	104.969395	
2010	44	1800	44.750000000	02/13/2010 18:00	02/13/2010 17:00	2.2496	32.4198	105.0134457	104.966249	0.685678	104.962263	
2010	44	1900	44.791666667	02/13/2010 19:00	02/13/2010 18:00	2.2304	32.4389	105.007631	104.960434	0.679826	104.956411	
2010	44	2000	44.833333333	02/13/2010 20:00	02/13/2010 19:00	2.2127	32.4565	105.0022706	104.955073	0.674431	104.951016	
2010	44	2100	44.875000000	02/13/2010 21:00	02/13/2010 20:00	2.1973	32.4718	104.9976067	104.950410	0.669737	104.946322	
2010	44	2200	44.916666667	02/13/2010 22:00	02/13/2010 21:00	2.1798	32.4892	104.9923069	104.945110	0.664403	104.940988	
2010	44	2300	44.958333333	02/13/2010 23:00	02/13/2010 22:00	2.1633	32.5055	104.9873098	104.940113	0.659374	104.935959	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	45	0	45.000000000	02/14/2010 0:00	02/13/2010 23:00	2.1419	32.5268	104.9808289	104.933632	0.652851	104.929436	
2010	45	100	45.041666667	02/14/2010 1:00	02/14/2010 0:00	2.1293	32.5393	104.977013	104.929816	0.649011	104.925596	
2010	45	200	45.083333333	02/14/2010 2:00	02/14/2010 1:00	2.1111	32.5574	104.9715011	104.924304	0.643463	104.920048	
2010	45	300	45.125000000	02/14/2010 3:00	02/14/2010 2:00	2.0986	32.5698	104.9677155	104.920518	0.639653	104.916238	
2010	45	400	45.166666667	02/14/2010 4:00	02/14/2010 3:00	2.0821	32.5862	104.9627185	104.915521	0.634624	104.911209	
2010	45	500	45.208333333	02/14/2010 5:00	02/14/2010 4:00	2.0734	32.5949	104.9600837	104.912887	0.631972	104.908557	
2010	45	600	45.250000000	02/14/2010 6:00	02/14/2010 5:00	2.0606	32.6076	104.9562072	104.909010	0.628071	104.904656	
2010	45	700	45.291666667	02/14/2010 7:00	02/14/2010 6:00	2.0463	32.6218	104.9518765	104.904679	0.623712	104.900297	
2010	45	800	45.333333333	02/14/2010 8:00	02/14/2010 7:00	2.0366	32.6314	104.9489388	104.901742	0.620756	104.897341	
2010	45	900	45.375000000	02/14/2010 9:00	02/14/2010 8:00	2.0298	32.6382	104.9468795	104.899682	0.618683	104.895268	
2010	45	1000	45.416666667	02/14/2010 10:00	02/14/2010 9:00	2.0238	32.6442	104.9450624	104.897865	0.616854	104.893439	
2010	45	1100	45.458333333	02/14/2010 11:00	02/14/2010 10:00	2.0169	32.6510	104.9429727	104.895776	0.614751	104.891336	
2010	45	1200	45.500000000	02/14/2010 12:00	02/14/2010 11:00	2.0053	32.6625	104.9394597	104.892263	0.611215	104.887800	
2010	45	1300	45.541666667	02/14/2010 13:00	02/14/2010 12:00	1.9959	32.6719	104.9366129	104.889416	0.608350	104.884935	
2010	45	1400	45.583333333	02/14/2010 14:00	02/14/2010 13:00	1.9784	32.6893	104.931313	104.884116	0.603016	104.879601	
2010	45	1500	45.625000000	02/14/2010 15:00	02/14/2010 14:00	1.9706	32.6970	104.9289508	104.881754	0.600639	104.877224	
2010	45	1600	45.666666667	02/14/2010 16:00	02/14/2010 15:00	1.9561	32.7114	104.9245595	104.877362	0.596219	104.872804	
2010	45	1700	45.708333333	02/14/2010 17:00	02/14/2010 16:00	1.9435	32.7239	104.9207436	104.873546	0.592379	104.868964	
2010	45	1800	45.750000000	02/14/2010 18:00	02/14/2010 17:00	1.9242	32.7431	104.9148986	104.867701	0.586496	104.863081	
2010	45	1900	45.791666667	02/14/2010 19:00	02/14/2010 18:00	1.9057	32.7615	104.9092959	104.862099	0.580857	104.857442	
2010	45	2000	45.833333333	02/14/2010 20:00	02/14/2010 19:00	1.8949	32.7722	104.9060251	104.858828	0.577566	104.854151	
2010	45	2100	45.875000000	02/14/2010 21:00	02/14/2010 20:00	1.8814	32.7856	104.9019366	104.854740	0.573451	104.850036	
2010	45	2200	45.916666667	02/14/2010 22:00	02/14/2010 21:00	1.8612	32.8057	104.8958191	104.848622	0.567294	104.843879	
2010	45	2300	45.958333333	02/14/2010 23:00	02/14/2010 22:00	1.847	32.8198	104.8915186	104.844322	0.562966	104.839551	
2010	46	0	46.000000000	02/15/2010 0:00	02/14/2010 23:00	1.8349	32.8318	104.8878541	104.840657	0.559278	104.835863	
2010	46	100	46.041666667	02/15/2010 1:00	02/15/2010 0:00	1.8216	32.8451	104.8838262	104.836629	0.555224	104.831809	
2010	46	200	46.083333333	02/15/2010 2:00	02/15/2010 1:00	1.8095	32.8571	104.8801618	104.832965	0.551536	104.828121	
2010	46	300	46.125000000	02/15/2010 3:00	02/15/2010 2:00	1.8059	32.8607	104.8790715	104.831874	0.550438	104.827023	
2010	46	400	46.166666667	02/15/2010 4:00	02/15/2010 3:00	1.8001	32.8664	104.877315	104.830118	0.548670	104.825256	
2010	46	500	46.208333333	02/15/2010 5:00	02/15/2010 4:00	1.7942	32.8723	104.8755282	104.828331	0.546872	104.823457	
2010	46	600	46.250000000	02/15/2010 6:00	02/15/2010 5:00	1.7899	32.8766	104.8742259	104.827029	0.545562	104.822147	
2010	46	700	46.291666667	02/15/2010 7:00	02/15/2010 6:00	1.7858	32.8806	104.8729842	104.825787	0.544312	104.820897	
2010	46	800	46.333333333	02/15/2010 8:00	02/15/2010 7:00	1.7802	32.8862	104.8712883	104.824091	0.542605	104.819190	
2010	46	900	46.375000000	02/15/2010 9:00	02/15/2010 8:00	1.7821	32.8843	104.8718637	104.824667	0.543184	104.819769	
2010	46	1000	46.416666667	02/15/2010 10:00	02/15/2010 9:00	1.7799	32.8865	104.8711974	104.824000	0.542514	104.819099	
2010	46	1100	46.458333333	02/15/2010 11:00	02/15/2010 10:00	1.7835	32.8829	104.8722877	104.825091	0.543611	104.820196	
2010	46	1200	46.500000000	02/15/2010 12:00	02/15/2010 11:00	1.776	32.8904	104.8700163	104.822819	0.541325	104.817910	
2010	46	1300	46.541666667	02/15/2010 13:00	02/15/2010 12:00	1.7738	32.8926	104.8693501	104.822153	0.540654	104.817239	
2010	46	1400	46.583333333	02/15/2010 14:00	02/15/2010 13:00	1.7802	32.8862	104.8712883	104.824091	0.542605	104.819190	
2010	46	1500	46.625000000	02/15/2010 15:00	02/15/2010 14:00	1.7791	32.8873	104.8709552	104.823758	0.542270	104.818855	
2010	46	1600	46.666666667	02/15/2010 16:00	02/15/2010 15:00	1.7634	32.9029	104.8662004	104.819003	0.537484	104.814069	
2010	46	1700	46.708333333	02/15/2010 17:00	02/15/2010 16:00	1.7472	32.9190	104.8612943	104.814097	0.532547	104.809132	
2010	46	1800	46.750000000	02/15/2010 18:00	02/15/2010 17:00	1.739	32.9271	104.8588109	104.811614	0.530047	104.806632	
2010	46	1900	46.791666667	02/15/2010 19:00	02/15/2010 18:00	1.7337	32.9324	104.8572058	104.810009	0.528432	104.805017	
2010	46	2000	46.833333333	02/15/2010 20:00	02/15/2010 19:00	1.7283	32.9378	104.8555704	104.808373	0.526786	104.803371	
2010	46	2100	46.875000000	02/15/2010 21:00	02/15/2010 20:00	1.7244	32.9416	104.8543893	104.807192	0.525597	104.802182	
2010	46	2200	46.916666667	02/15/2010 22:00	02/15/2010 21:00	1.7196	32.9464	104.8529356	104.805739	0.524134	104.800719	
2010	46	2300	46.958333333	02/15/2010 23:00	02/15/2010 22:00	1.7157	32.9503	104.8517545	104.804557	0.522945	104.799530	
2010	47	0	47.000000000	02/16/2010 0:00	02/15/2010 23:00	1.7176	32.9484	104.8523299	104.805133	0.523524	104.800110	
2010	47	100	47.041666667	02/16/2010 1:00	02/16/2010 0:00	1.7293	32.9368	104.8558733	104.808676	0.527091	104.803676	
2010	47	200	47.083333333	02/16/2010 2:00	02/16/2010 1:00	1.7525	32.9137	104.8628994	104.815702	0.534162	104.810747	
2010	47	300	47.125000000	02/16/2010 3:00	02/16/2010 2:00	1.7796	32.8868	104.8711066	104.823909	0.542422	104.819007	
2010	47	400	47.166666667	02/16/2010 4:00	02/16/2010 3:00	1.802	32.8645	104.8778904	104.830693	0.549250	104.825835	
2010	47	500	47.208333333	02/16/2010 5:00	02/16/2010 4:00	1.8242	32.8425	104.8846137	104.837417	0.556016	104.832601	
2010	47	600	47.250000000	02/16/2010 6:00	02/16/2010 5:00	1.8359	32.8308	104.888157	104.840960	0.559582	104.836167	
2010	47	700	47.291666667	02/16/2010 7:00	02/16/2010 6:00	1.831	32.8357	104.886673	104.839476	0.558089	104.834674	
2010	47	800	47.333333333	02/16/2010 8:00	02/16/2010 7:00	1.8274	32.8393	104.8855828	104.838386	0.556992	104.833577	
2010	47	900	47.375000000	02/16/2010 9:00	02/16/2010 8:00	1.817	32.8496	104.8824331	104.835236	0.553822	104.830407	
2010	47	1000	47.416666667	02/16/2010 10:00	02/16/2010 9:00	1.8043	32.8622	104.878587	104.831390	0.549951	104.826536	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	47	1100	47.458333333	02/16/2010 11:00	02/16/2010 10:00	1.8	32.8665	104.8772847	104.830088	0.548640	104.825225	
2010	47	1200	47.500000000	02/16/2010 12:00	02/16/2010 11:00	1.7955	32.8710	104.8759219	104.828725	0.547268	104.823853	
2010	47	1300	47.541666667	02/16/2010 13:00	02/16/2010 12:00	1.7825	32.8839	104.8719848	104.824788	0.543306	104.819891	
2010	47	1400	47.583333333	02/16/2010 14:00	02/16/2010 13:00	1.7955	32.8710	104.8759219	104.828725	0.547268	104.823853	
2010	47	1500	47.625000000	02/16/2010 15:00	02/16/2010 14:00	1.7955	32.8710	104.8759219	104.828725	0.547268	104.823853	
2010	47	1600	47.666666667	02/16/2010 16:00	02/16/2010 15:00	1.8097	32.8569	104.8802223	104.833025	0.551597	104.828182	
2010	47	1700	47.708333333	02/16/2010 17:00	02/16/2010 16:00	1.7998	32.8667	104.8772241	104.830027	0.548579	104.825164	
2010	47	1800	47.750000000	02/16/2010 18:00	02/16/2010 17:00	1.7919	32.8746	104.8748316	104.827635	0.546171	104.822756	
2010	47	1900	47.791666667	02/16/2010 19:00	02/16/2010 18:00	1.7904	32.8761	104.8743774	104.827180	0.545714	104.822299	
2010	47	2000	47.833333333	02/16/2010 20:00	02/16/2010 19:00	1.791	32.8755	104.8745591	104.827362	0.545897	104.822482	
2010	47	2100	47.875000000	02/16/2010 21:00	02/16/2010 20:00	1.79	32.8765	104.8742562	104.827059	0.545592	104.822177	
2010	47	2200	47.916666667	02/16/2010 22:00	02/16/2010 21:00	1.7874	32.8790	104.8734688	104.826272	0.544800	104.821385	
2010	47	2300	47.958333333	02/16/2010 23:00	02/16/2010 22:00	1.7893	32.8772	104.8740442	104.826847	0.545379	104.821964	
2010	48	0	48.000000000	02/17/2010 0:00	02/16/2010 23:00	1.8167	32.8499	104.8823423	104.835145	0.553730	104.830315	
2010	48	100	48.041666667	02/17/2010 1:00	02/17/2010 0:00	1.8416	32.8252	104.8898832	104.842686	0.561320	104.837905	
2010	48	200	48.083333333	02/17/2010 2:00	02/17/2010 1:00	1.8612	32.8057	104.8958191	104.848622	0.567294	104.843879	
2010	48	300	48.125000000	02/17/2010 3:00	02/17/2010 2:00	1.8944	32.7727	104.9058737	104.858677	0.577413	104.853998	
2010	48	400	48.166666667	02/17/2010 4:00	02/17/2010 3:00	1.9119	32.7553	104.9111735	104.863976	0.582747	104.859332	
2010	48	500	48.208333333	02/17/2010 5:00	02/17/2010 4:00	1.9198	32.7475	104.913566	104.866369	0.585155	104.861740	
2010	48	600	48.250000000	02/17/2010 6:00	02/17/2010 5:00	1.9153	32.7520	104.9122032	104.865006	0.583783	104.860368	
2010	48	700	48.291666667	02/17/2010 7:00	02/17/2010 6:00	1.9029	32.7643	104.9084479	104.861251	0.580004	104.856589	
2010	48	800	48.333333333	02/17/2010 8:00	02/17/2010 7:00	1.8942	32.7729	104.9058131	104.858616	0.577352	104.853937	
2010	48	900	48.375000000	02/17/2010 9:00	02/17/2010 8:00	1.8823	32.7847	104.9022092	104.855012	0.573725	104.850310	
2010	48	1000	48.416666667	02/17/2010 10:00	02/17/2010 9:00	1.8716	32.7954	104.8989687	104.851772	0.570464	104.847049	
2010	48	1100	48.458333333	02/17/2010 11:00	02/17/2010 10:00	1.8552	32.8117	104.894002	104.846805	0.565465	104.842050	
2010	48	1200	48.500000000	02/17/2010 12:00	02/17/2010 11:00	1.8508	32.8160	104.8926694	104.845472	0.564124	104.840709	
2010	48	1300	48.541666667	02/17/2010 13:00	02/17/2010 12:00	1.8387	32.8281	104.889005	104.841808	0.560436	104.837021	
2010	48	1400	48.583333333	02/17/2010 14:00	02/17/2010 13:00	1.8345	32.8322	104.887733	104.840536	0.559156	104.835741	
2010	48	1500	48.625000000	02/17/2010 15:00	02/17/2010 14:00	1.8326	32.8341	104.8871576	104.839960	0.558576	104.835162	
2010	48	1600	48.666666667	02/17/2010 16:00	02/17/2010 15:00	1.8304	32.8363	104.8864913	104.839294	0.557906	104.834491	
2010	48	1700	48.708333333	02/17/2010 17:00	02/17/2010 16:00	1.8245	32.8422	104.8847045	104.837507	0.556108	104.832693	
2010	48	1800	48.750000000	02/17/2010 18:00	02/17/2010 17:00	1.8089	32.8577	104.8799801	104.832783	0.551353	104.827938	
2010	48	1900	48.791666667	02/17/2010 19:00	02/17/2010 18:00	1.8089	32.8577	104.8799801	104.832783	0.551353	104.827938	
2010	48	2000	48.833333333	02/17/2010 20:00	02/17/2010 19:00	1.8358	32.8309	104.8881267	104.840930	0.559552	104.836137	
2010	48	2100	48.875000000	02/17/2010 21:00	02/17/2010 20:00	1.8404	32.8264	104.8895198	104.842323	0.560954	104.837539	
2010	48	2200	48.916666667	02/17/2010 22:00	02/17/2010 21:00	1.8533	32.8136	104.8934266	104.846229	0.564886	104.841471	
2010	48	2300	48.958333333	02/17/2010 23:00	02/17/2010 22:00	1.8676	32.7994	104.8977573	104.850560	0.569244	104.845830	
2010	49	0	49.000000000	02/18/2010 0:00	02/17/2010 23:00	1.8853	32.7818	104.9031177	104.855921	0.574639	104.851224	
2010	49	100	49.041666667	02/18/2010 1:00	02/18/2010 0:00	1.9011	32.7661	104.9079028	104.860706	0.579455	104.856040	
2010	49	200	49.083333333	02/18/2010 2:00	02/18/2010 1:00	1.9342	32.7332	104.9179271	104.870730	0.589544	104.866129	
2010	49	300	49.125000000	02/18/2010 3:00	02/18/2010 2:00	1.9595	32.7080	104.9255892	104.878392	0.597256	104.873841	
2010	49	400	49.166666667	02/18/2010 4:00	02/18/2010 3:00	1.9774	32.6903	104.9310102	104.883813	0.602712	104.879297	
2010	49	500	49.208333333	02/18/2010 5:00	02/18/2010 4:00	1.9872	32.6805	104.9339781	104.886781	0.605699	104.882284	
2010	49	600	49.250000000	02/18/2010 6:00	02/18/2010 5:00	1.9913	32.6764	104.9352198	104.888023	0.606948	104.883533	
2010	49	700	49.291666667	02/18/2010 7:00	02/18/2010 6:00	1.9875	32.6802	104.9340689	104.886872	0.605790	104.882375	
2010	49	800	49.333333333	02/18/2010 8:00	02/18/2010 7:00	1.9862	32.6815	104.9336752	104.886478	0.605394	104.881979	
2010	49	900	49.375000000	02/18/2010 9:00	02/18/2010 8:00	1.9893	32.6784	104.9346141	104.887417	0.606339	104.882924	
2010	49	1000	49.416666667	02/18/2010 10:00	02/18/2010 9:00	1.973	32.6946	104.9296776	104.882481	0.601370	104.877955	
2010	49	1100	49.458333333	02/18/2010 11:00	02/18/2010 10:00	1.9576	32.7099	104.9250138	104.877817	0.596676	104.873262	
2010	49	1200	49.500000000	02/18/2010 12:00	02/18/2010 11:00	1.9589	32.7086	104.9254075	104.878210	0.597073	104.873658	
2010	49	1300	49.541666667	02/18/2010 13:00	02/18/2010 12:00	1.9546	32.7129	104.9241052	104.876908	0.595762	104.872347	
2010	49	1400	49.583333333	02/18/2010 14:00	02/18/2010 13:00	1.9615	32.7061	104.9261949	104.878998	0.597865	104.874450	
2010	49	1500	49.625000000	02/18/2010 15:00	02/18/2010 14:00	1.9737	32.6939	104.9298896	104.882693	0.601584	104.878169	
2010	49	1600	49.666666667	02/18/2010 16:00	02/18/2010 15:00	1.9785	32.6892	104.9313433	104.884146	0.603047	104.879632	
2010	49	1700	49.708333333	02/18/2010 17:00	02/18/2010 16:00	1.9773	32.6904	104.9309799	104.883783	0.602681	104.879266	
2010	49	1800	49.750000000	02/18/2010 18:00	02/18/2010 17:00	1.9726	32.6950	104.9295565	104.882359	0.601248	104.877834	
2010	49	1900	49.791666667	02/18/2010 19:00	02/18/2010 18:00	1.9773	32.6904	104.9309799	104.883783	0.602681	104.879266	
2010	49	2000	49.833333333	02/18/2010 20:00	02/18/2010 19:00	1.9901	32.6776	104.9348564	104.887659	0.606582	104.883168	
2010	49	2100	49.875000000	02/18/2010 21:00	02/18/2010 20:00	2.0132	32.6547	104.9418522	104.894655	0.613623	104.890208	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	49	2200	49.916666667	02/18/2010 22:00	02/18/2010 21:00	2.0455	32.6226	104.9516342	104.904437	0.623468	104.900053	
2010	49	2300	49.958333333	02/18/2010 23:00	02/18/2010 22:00	2.0925	32.5759	104.9658681	104.918671	0.637794	104.914379	
2010	50	0	50.000000000	02/19/2010 0:00	02/18/2010 23:00	2.1449	32.5238	104.9817374	104.934540	0.653766	104.930351	
2010	50	100	50.041666667	02/19/2010 1:00	02/19/2010 0:00	2.1966	32.4725	104.9973947	104.950198	0.669524	104.946109	
2010	50	200	50.083333333	02/19/2010 2:00	02/19/2010 1:00	2.2347	32.4346	105.0089333	104.961736	0.681137	104.957722	
2010	50	300	50.125000000	02/19/2010 3:00	02/19/2010 2:00	2.2587	32.4108	105.0162017	104.969005	0.688452	104.965037	
2010	50	400	50.166666667	02/19/2010 4:00	02/19/2010 3:00	2.2749	32.3947	105.0211078	104.973911	0.693390	104.969975	
2010	50	500	50.208333333	02/19/2010 5:00	02/19/2010 4:00	2.275	32.3946	105.0211381	104.973941	0.693420	104.970005	
2010	50	600	50.250000000	02/19/2010 6:00	02/19/2010 5:00	2.2704	32.3991	105.019745	104.972548	0.692018	104.968603	
2010	50	700	50.291666667	02/19/2010 7:00	02/19/2010 6:00	2.2587	32.4108	105.0162017	104.969005	0.688452	104.965037	
2010	50	800	50.333333333	02/19/2010 8:00	02/19/2010 7:00	2.2411	32.4282	105.0108715	104.963674	0.683087	104.959672	
2010	50	900	50.375000000	02/19/2010 9:00	02/19/2010 8:00	2.2196	32.4496	105.0043603	104.957163	0.676534	104.953119	
2010	50	1000	50.416666667	02/19/2010 10:00	02/19/2010 9:00	2.1935	32.4755	104.9964559	104.949259	0.668579	104.945164	
2010	50	1100	50.458333333	02/19/2010 11:00	02/19/2010 10:00	2.1698	32.4991	104.9892784	104.942081	0.661355	104.937940	
2010	50	1200	50.500000000	02/19/2010 12:00	02/19/2010 11:00	2.1489	32.5199	104.9829488	104.935752	0.654985	104.931570	
2010	50	1300	50.541666667	02/19/2010 13:00	02/19/2010 12:00	2.1305	32.5381	104.9773764	104.930179	0.649376	104.925961	
2010	50	1400	50.583333333	02/19/2010 14:00	02/19/2010 13:00	2.112	32.5565	104.9717737	104.924577	0.643738	104.920323	
2010	50	1500	50.625000000	02/19/2010 15:00	02/19/2010 14:00	2.0928	32.5756	104.965959	104.918762	0.637885	104.914470	
2010	50	1600	50.666666667	02/19/2010 16:00	02/19/2010 15:00	2.0675	32.6007	104.9582969	104.911100	0.630174	104.906759	
2010	50	1700	50.708333333	02/19/2010 17:00	02/19/2010 16:00	2.0402	32.6279	104.9500291	104.902832	0.621853	104.898438	
2010	50	1800	50.750000000	02/19/2010 18:00	02/19/2010 17:00	2.0123	32.6556	104.9415796	104.894383	0.613349	104.889934	
2010	50	1900	50.791666667	02/19/2010 19:00	02/19/2010 18:00	1.9978	32.6700	104.9371883	104.889991	0.608929	104.885514	
2010	50	2000	50.833333333	02/19/2010 20:00	02/19/2010 19:00	1.9967	32.6711	104.9368552	104.889658	0.608594	104.885179	
2010	50	2100	50.875000000	02/19/2010 21:00	02/19/2010 20:00	1.9989	32.6689	104.9375214	104.890324	0.609265	104.885850	
2010	50	2200	50.916666667	02/19/2010 22:00	02/19/2010 21:00	2.0101	32.6578	104.9409133	104.893716	0.612678	104.889264	
2010	50	2300	50.958333333	02/19/2010 23:00	02/19/2010 22:00	2.03	32.6380	104.94694	104.899743	0.618744	104.895329	
2010	51	0	51.000000000	02/20/2010 0:00	02/19/2010 23:00	2.0565	32.6117	104.9549655	104.907768	0.626821	104.903406	
2010	51	100	51.041666667	02/20/2010 1:00	02/20/2010 0:00	2.082	32.5863	104.9626882	104.915491	0.634594	104.911179	
2010	51	200	51.083333333	02/20/2010 2:00	02/20/2010 1:00	2.1087	32.5598	104.9707743	104.923577	0.642732	104.919317	
2010	51	300	51.125000000	02/20/2010 3:00	02/20/2010 2:00	2.1413	32.5274	104.9806472	104.933450	0.652668	104.929253	
2010	51	400	51.166666667	02/20/2010 4:00	02/20/2010 3:00	2.1634	32.5054	104.9873401	104.940143	0.659404	104.935989	
2010	51	500	51.208333333	02/20/2010 5:00	02/20/2010 4:00	2.178	32.4909	104.9917617	104.944565	0.663854	104.940439	
2010	51	600	51.250000000	02/20/2010 6:00	02/20/2010 5:00	2.1858	32.4832	104.994124	104.946927	0.666232	104.942817	
2010	51	700	51.291666667	02/20/2010 7:00	02/20/2010 6:00	2.1984	32.4707	104.9979399	104.950743	0.670072	104.946657	
2010	51	800	51.333333333	02/20/2010 8:00	02/20/2010 7:00	2.1954	32.4737	104.9970313	104.949834	0.669158	104.945743	
2010	51	900	51.375000000	02/20/2010 9:00	02/20/2010 8:00	2.1946	32.4744	104.996789	104.949592	0.668914	104.945499	
2010	51	1000	51.416666667	02/20/2010 10:00	02/20/2010 9:00	2.1977	32.4714	104.9977279	104.950531	0.669859	104.946444	
2010	51	1100	51.458333333	02/20/2010 11:00	02/20/2010 10:00	2.1922	32.4768	104.9960622	104.948865	0.668183	104.944768	
2010	51	1200	51.500000000	02/20/2010 12:00	02/20/2010 11:00	2.1792	32.4897	104.9921252	104.944928	0.664220	104.940805	
2010	51	1300	51.541666667	02/20/2010 13:00	02/20/2010 12:00	2.1508	32.5180	104.9835242	104.936327	0.655564	104.932149	
2010	51	1400	51.583333333	02/20/2010 14:00	02/20/2010 13:00	2.1459	32.5228	104.9820403	104.934843	0.654070	104.930655	
2010	51	1500	51.625000000	02/20/2010 15:00	02/20/2010 14:00	2.1265	32.5421	104.976165	104.928968	0.648157	104.924742	
2010	51	1600	51.666666667	02/20/2010 16:00	02/20/2010 15:00	2.1042	32.5643	104.9694115	104.922214	0.641360	104.917945	
2010	51	1700	51.708333333	02/20/2010 17:00	02/20/2010 16:00	2.0925	32.5759	104.9658681	104.918671	0.637794	104.914379	
2010	51	1800	51.750000000	02/20/2010 18:00	02/20/2010 17:00	2.0745	32.5938	104.9604168	104.913220	0.632308	104.908893	
2010	51	1900	51.791666667	02/20/2010 19:00	02/20/2010 18:00	2.0576	32.6106	104.9552987	104.908102	0.627156	104.903742	
2010	51	2000	51.833333333	02/20/2010 20:00	02/20/2010 19:00	2.0483	32.6198	104.9524822	104.905285	0.624322	104.900907	
2010	51	2100	51.875000000	02/20/2010 21:00	02/20/2010 20:00	2.0375	32.6305	104.9492114	104.902014	0.621030	104.897615	
2010	51	2200	51.916666667	02/20/2010 22:00	02/20/2010 21:00	2.0262	32.6418	104.9457892	104.898592	0.617586	104.894171	
2010	51	2300	51.958333333	02/20/2010 23:00	02/20/2010 22:00	2.0155	32.6524	104.9425487	104.895352	0.614324	104.890909	
2010	52	0	52.000000000	02/21/2010 0:00	02/20/2010 23:00	2.0154	32.6525	104.9425184	104.895321	0.614294	104.890879	
2010	52	100	52.041666667	02/21/2010 1:00	02/21/2010 0:00	2.0214	32.6465	104.9443355	104.897138	0.616123	104.892708	
2010	52	200	52.083333333	02/21/2010 2:00	02/21/2010 1:00	2.0546	32.6135	104.9543901	104.907193	0.626242	104.902827	
2010	52	300	52.125000000	02/21/2010 3:00	02/21/2010 2:00	2.0664	32.6018	104.9579638	104.910767	0.629839	104.906424	
2010	52	400	52.166666667	02/21/2010 4:00	02/21/2010 3:00	2.0757	32.5926	104.9607803	104.913583	0.632673	104.909258	
2010	52	500	52.208333333	02/21/2010 5:00	02/21/2010 4:00	2.089	32.5794	104.9648081	104.917611	0.636727	104.913312	
2010	52	600	52.250000000	02/21/2010 6:00	02/21/2010 5:00	2.0911	32.5773	104.9654441	104.918247	0.637367	104.913952	
2010	52	700	52.291666667	02/21/2010 7:00	02/21/2010 6:00	2.1247	32.5439	104.9756199	104.928423	0.647609	104.924194	
2010	52	800	52.333333333	02/21/2010 8:00	02/21/2010 7:00	2.1023	32.5662	104.968836	104.921639	0.640781	104.917366	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	52	900	52.375000000	02/21/2010 9:00	02/21/2010 8:00	2.0978	32.5706	104.9674732	104.920276	0.639409	104.915994	
2010	52	1000	52.416666667	02/21/2010 10:00	02/21/2010 9:00	2.0899	32.5785	104.9650807	104.917884	0.637002	104.913587	
2010	52	1100	52.458333333	02/21/2010 11:00	02/21/2010 10:00	2.0782	32.5901	104.9615374	104.914340	0.633435	104.910020	
2010	52	1200	52.500000000	02/21/2010 12:00	02/21/2010 11:00	2.0677	32.6005	104.9583575	104.911160	0.630235	104.906820	
2010	52	1300	52.541666667	02/21/2010 13:00	02/21/2010 12:00	2.05	32.6181	104.952997	104.905800	0.624840	104.901425	
2010	52	1400	52.583333333	02/21/2010 14:00	02/21/2010 13:00	2.0393	32.6288	104.9497565	104.902559	0.621579	104.898164	
2010	52	1500	52.625000000	02/21/2010 15:00	02/21/2010 14:00	2.0202	32.6477	104.9439721	104.896775	0.615757	104.892342	
2010	52	1600	52.666666667	02/21/2010 16:00	02/21/2010 15:00	2.0069	32.6609	104.9399442	104.892747	0.611703	104.888288	
2010	52	1700	52.708333333	02/21/2010 17:00	02/21/2010 16:00	1.99	32.6777	104.9348261	104.887629	0.606552	104.883137	
2010	52	1800	52.750000000	02/21/2010 18:00	02/21/2010 17:00	1.971	32.6966	104.9290719	104.881875	0.600761	104.877346	
2010	52	1900	52.791666667	02/21/2010 19:00	02/21/2010 18:00	1.9527	32.7148	104.9235298	104.876333	0.595183	104.871768	
2010	52	2000	52.833333333	02/21/2010 20:00	02/21/2010 19:00	1.9389	32.7285	104.9193505	104.872153	0.590977	104.867562	
2010	52	2100	52.875000000	02/21/2010 21:00	02/21/2010 20:00	1.9261	32.7412	104.915474	104.868277	0.587075	104.863660	
2010	52	2200	52.916666667	02/21/2010 22:00	02/21/2010 21:00	1.9186	32.7487	104.9132026	104.866006	0.584789	104.861374	
2010	52	2300	52.958333333	02/21/2010 23:00	02/21/2010 22:00	1.907	32.7602	104.9096896	104.862492	0.581254	104.857839	
2010	53	0	53.000000000	02/22/2010 0:00	02/21/2010 23:00	1.8995	32.7677	104.9074182	104.860221	0.578968	104.855553	
2010	53	100	53.041666667	02/22/2010 1:00	02/22/2010 0:00	1.9101	32.7571	104.9106284	104.863431	0.582198	104.858784	
2010	53	200	53.083333333	02/22/2010 2:00	02/22/2010 1:00	1.9246	32.7427	104.9150197	104.867823	0.586618	104.863203	
2010	53	300	53.125000000	02/22/2010 3:00	02/22/2010 2:00	1.9447	32.7227	104.921107	104.873910	0.592745	104.869330	
2010	53	400	53.166666667	02/22/2010 4:00	02/22/2010 3:00	1.9589	32.7086	104.9254075	104.878210	0.597073	104.873658	
2010	53	500	53.208333333	02/22/2010 5:00	02/22/2010 4:00	1.9706	32.6970	104.9289508	104.881754	0.600639	104.877224	
2010	53	600	53.250000000	02/22/2010 6:00	02/22/2010 5:00	1.978	32.6897	104.9311919	104.883995	0.602894	104.879479	
2010	53	700	53.291666667	02/22/2010 7:00	02/22/2010 6:00	1.9771	32.6906	104.9309193	104.883722	0.602620	104.879205	
2010	53	800	53.333333333	02/22/2010 8:00	02/22/2010 7:00	1.9683	32.6993	104.9282542	104.881057	0.599938	104.876523	
2010	53	900	53.375000000	02/22/2010 9:00	02/22/2010 8:00	1.9515	32.7160	104.9231664	104.875969	0.594817	104.871402	
2010	53	1000	53.416666667	02/22/2010 10:00	02/22/2010 9:00	1.9359	32.7315	104.9184419	104.871245	0.590062	104.866647	
2010	53	1100	53.458333333	02/22/2010 11:00	02/22/2010 10:00	1.9157	32.7516	104.9123244	104.865127	0.583905	104.860490	
2010	53	1200	53.500000000	02/22/2010 12:00	02/22/2010 11:00	1.8997	32.7675	104.9074788	104.860282	0.579029	104.855614	
2010	53	1300	53.541666667	02/22/2010 13:00	02/22/2010 12:00	1.8932	32.7739	104.9055103	104.858313	0.577047	104.853632	
2010	53	1400	53.583333333	02/22/2010 14:00	02/22/2010 13:00	1.8986	32.7686	104.9071456	104.859949	0.578693	104.855278	
2010	53	1500	53.625000000	02/22/2010 15:00	02/22/2010 14:00	1.9104	32.7568	104.9107193	104.863522	0.582290	104.858875	
2010	53	1600	53.666666667	02/22/2010 16:00	02/22/2010 15:00	1.9216	32.7457	104.9141112	104.866914	0.585704	104.862289	
2010	53	1700	53.708333333	02/22/2010 17:00	02/22/2010 16:00	1.9323	32.7351	104.9173517	104.870155	0.588965	104.865550	
2010	53	1800	53.750000000	02/22/2010 18:00	02/22/2010 17:00	1.938	32.7294	104.9190779	104.871881	0.590702	104.867287	
2010	53	1900	53.791666667	02/22/2010 19:00	02/22/2010 18:00	1.9543	32.7132	104.9240143	104.876817	0.595671	104.872256	
2010	53	2000	53.833333333	02/22/2010 20:00	02/22/2010 19:00	1.9832	32.6845	104.9327667	104.885570	0.604479	104.881064	
2010	53	2100	53.875000000	02/22/2010 21:00	02/22/2010 20:00	2.0206	32.6473	104.9440933	104.896896	0.615879	104.892464	
2010	53	2200	53.916666667	02/22/2010 22:00	02/22/2010 21:00	2.0633	32.6049	104.9570249	104.909828	0.628894	104.905479	
2010	53	2300	53.958333333	02/22/2010 23:00	02/22/2010 22:00	2.1076	32.5609	104.9704411	104.923244	0.642396	104.918982	
2010	54	0	54.000000000	02/23/2010 0:00	02/22/2010 23:00	2.1537	32.5151	104.9844025	104.937205	0.656448	104.933033	
2010	54	100	54.041666667	02/23/2010 1:00	02/23/2010 0:00	2.2034	32.4657	104.9994541	104.952257	0.671596	104.948181	
2010	54	200	54.083333333	02/23/2010 2:00	02/23/2010 1:00	2.2587	32.4108	105.0162017	104.969005	0.688452	104.965037	
2010	54	300	54.125000000	02/23/2010 3:00	02/23/2010 2:00	2.3016	32.3681	105.0291939	104.981997	0.701528	104.978113	
2010	54	400	54.166666667	02/23/2010 4:00	02/23/2010 3:00	-2	36.6422	103.7264574	103.679260	-0.609600	103.666985	
2010	54	500	54.208333333	02/23/2010 5:00	02/23/2010 4:00	-2	36.6422	103.7264574	103.679260	-0.609600	103.666985	
2010	54	600	54.250000000	02/23/2010 6:00	02/23/2010 5:00	-2	36.6422	103.7264574	103.679260	-0.609600	103.666985	
2010	54	700	54.291666667	02/23/2010 7:00	02/23/2010 6:00	2.3949	32.2754	105.0574497	105.010253	0.729966	105.006551	
2010	54	800	54.333333333	02/23/2010 8:00	02/23/2010 7:00	2.3829	32.2874	105.0538155	105.006618	0.726308	105.002893	
2010	54	900	54.375000000	02/23/2010 9:00	02/23/2010 8:00	2.3589	32.3112	105.0465472	104.999350	0.718993	104.995578	
2010	54	1000	54.416666667	02/23/2010 10:00	02/23/2010 9:00	2.3294	32.3405	105.0376131	104.990416	0.710001	104.986586	
2010	54	1100	54.458333333	02/23/2010 11:00	02/23/2010 10:00	2.2936	32.3761	105.0267711	104.979574	0.699089	104.975674	
2010	54	1200	54.500000000	02/23/2010 12:00	02/23/2010 11:00	2.2543	32.4151	105.0148691	104.967672	0.687111	104.963696	
2010	54	1300	54.541666667	02/23/2010 13:00	02/23/2010 12:00	2.2269	32.4424	105.0065711	104.959374	0.678759	104.955344	
2010	54	1400	54.583333333	02/23/2010 14:00	02/23/2010 13:00	2.222	32.4472	105.0050871	104.957890	0.677266	104.953851	
2010	54	1500	54.625000000	02/23/2010 15:00	02/23/2010 14:00	2.2313	32.4380	105.0079036	104.960706	0.680100	104.956685	
2010	54	1600	54.666666667	02/23/2010 16:00	02/23/2010 15:00	2.2545	32.4149	105.0149297	104.967733	0.687172	104.963757	
2010	54	1700	54.708333333	02/23/2010 17:00	02/23/2010 16:00	2.2819	32.3877	105.0232278	104.976031	0.695523	104.972108	
2010	54	1800	54.750000000	02/23/2010 18:00	02/23/2010 17:00	2.3093	32.3605	105.0315258	104.984329	0.703875	104.980460	
2010	54	1900	54.791666667	02/23/2010 19:00	02/23/2010 18:00	2.3454	32.3246	105.0424587	104.995262	0.714878	104.991463	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	54	2000	54.833333333	02/23/2010 20:00	02/23/2010 19:00	2.3812	32.2890	105.0533007	105.006104	0.725790	105.002375	
2010	54	2100	54.875000000	02/23/2010 21:00	02/23/2010 20:00	2.419	32.2515	105.0647484	105.017551	0.737311	105.013896	
2010	54	2200	54.916666667	02/23/2010 22:00	02/23/2010 21:00	2.4559	32.2148	105.0759235	105.028726	0.748558	105.025143	
2010	54	2300	54.958333333	02/23/2010 23:00	02/23/2010 22:00	2.4955	32.1755	105.0879164	105.040719	0.760628	105.037213	
2010	55	0	55.000000000	02/24/2010 0:00	02/23/2010 23:00	2.5305	32.1407	105.0985161	105.051319	0.771296	105.047881	
2010	55	100	55.041666667	02/24/2010 1:00	02/24/2010 0:00	2.5654	32.1060	105.1090855	105.061888	0.781934	105.058519	
2010	55	200	55.083333333	02/24/2010 2:00	02/24/2010 1:00	2.5964	32.0752	105.1184739	105.071277	0.791383	105.067968	
2010	55	300	55.125000000	02/24/2010 3:00	02/24/2010 2:00	2.6196	32.0522	105.1255	105.078303	0.798454	105.075039	
2010	55	400	55.166666667	02/24/2010 4:00	02/24/2010 3:00	2.6332	32.0387	105.1296187	105.082422	0.802599	105.079184	
2010	55	500	55.208333333	02/24/2010 5:00	02/24/2010 4:00	2.6355	32.0364	105.1303153	105.083118	0.803300	105.079885	
2010	55	600	55.250000000	02/24/2010 6:00	02/24/2010 5:00	2.6238	32.0480	105.1267719	105.079575	0.799734	105.076319	
2010	55	700	55.291666667	02/24/2010 7:00	02/24/2010 6:00	2.6038	32.0679	105.120715	105.073518	0.793638	105.070223	
2010	55	800	55.333333333	02/24/2010 8:00	02/24/2010 7:00	2.5764	32.0951	105.1124169	105.065220	0.785287	105.061872	
2010	55	900	55.375000000	02/24/2010 9:00	02/24/2010 8:00	2.5489	32.1224	105.1040885	105.056891	0.776905	105.053490	
2010	55	1000	55.416666667	02/24/2010 10:00	02/24/2010 9:00	2.5238	32.1474	105.096487	105.049290	0.769254	105.045839	
2010	55	1100	55.458333333	02/24/2010 11:00	02/24/2010 10:00	2.5006	32.1704	105.0894609	105.042264	0.762183	105.038768	
2010	55	1200	55.500000000	02/24/2010 12:00	02/24/2010 11:00	2.4813	32.1896	105.0836159	105.036419	0.756300	105.032885	
2010	55	1300	55.541666667	02/24/2010 13:00	02/24/2010 12:00	2.4623	32.2085	105.0778618	105.030665	0.750509	105.027094	
2010	55	1400	55.583333333	02/24/2010 14:00	02/24/2010 13:00	2.4491	32.2216	105.0738642	105.026667	0.746486	105.023071	
2010	55	1500	55.625000000	02/24/2010 15:00	02/24/2010 14:00	2.4329	32.2377	105.068958	105.021761	0.741548	105.018133	
2010	55	1600	55.666666667	02/24/2010 16:00	02/24/2010 15:00	2.4174	32.2531	105.0642638	105.017067	0.736824	105.013409	
2010	55	1700	55.708333333	02/24/2010 17:00	02/24/2010 16:00	2.4028	32.2676	105.0598422	105.012645	0.732373	105.008958	
2010	55	1800	55.750000000	02/24/2010 18:00	02/24/2010 17:00	2.3817	32.2885	105.0534521	105.006255	0.725942	105.002527	
2010	55	1900	55.791666667	02/24/2010 19:00	02/24/2010 18:00	2.3601	32.3100	105.0469106	104.999713	0.719358	104.995944	
2010	55	2000	55.833333333	02/24/2010 20:00	02/24/2010 19:00	2.3362	32.3338	105.0396725	104.992475	0.712074	104.988659	
2010	55	2100	55.875000000	02/24/2010 21:00	02/24/2010 20:00	2.3158	32.3540	105.0334944	104.986297	0.705856	104.982441	
2010	55	2200	55.916666667	02/24/2010 22:00	02/24/2010 21:00	2.2916	32.3781	105.0261654	104.978968	0.698480	104.975065	
2010	55	2300	55.958333333	02/24/2010 23:00	02/24/2010 22:00	2.2665	32.4030	105.0185639	104.971367	0.690829	104.967414	
2010	56	0	56.000000000	02/25/2010 0:00	02/24/2010 23:00	2.2418	32.4275	105.0110835	104.963886	0.683301	104.959886	
2010	56	100	56.041666667	02/25/2010 1:00	02/25/2010 0:00	2.2253	32.4439	105.0060865	104.958889	0.678271	104.954856	
2010	56	200	56.083333333	02/25/2010 2:00	02/25/2010 1:00	2.2075	32.4616	105.0006958	104.953499	0.672846	104.949431	
2010	56	300	56.125000000	02/25/2010 3:00	02/25/2010 2:00	2.1933	32.4757	104.9963953	104.949198	0.668518	104.945103	
2010	56	400	56.166666667	02/25/2010 4:00	02/25/2010 3:00	2.1826	32.4864	104.9931548	104.945958	0.665256	104.941842	
2010	56	500	56.208333333	02/25/2010 5:00	02/25/2010 4:00	2.1748	32.4941	104.9907926	104.943596	0.662879	104.939464	
2010	56	600	56.250000000	02/25/2010 6:00	02/25/2010 5:00	2.1633	32.5055	104.9873098	104.940113	0.659374	104.935959	
2010	56	700	56.291666667	02/25/2010 7:00	02/25/2010 6:00	2.1545	32.5143	104.9846448	104.937448	0.656692	104.933277	
2010	56	800	56.333333333	02/25/2010 8:00	02/25/2010 7:00	2.1464	32.5223	104.9821917	104.934995	0.654223	104.930808	
2010	56	900	56.375000000	02/25/2010 9:00	02/25/2010 8:00	2.138	32.5307	104.9796478	104.932451	0.651662	104.928247	
2010	56	1000	56.416666667	02/25/2010 10:00	02/25/2010 9:00	2.1326	32.5360	104.9780124	104.930815	0.650016	104.926602	
2010	56	1100	56.458333333	02/25/2010 11:00	02/25/2010 10:00	2.1176	32.5510	104.9734696	104.926273	0.645444	104.922030	
2010	56	1200	56.500000000	02/25/2010 12:00	02/25/2010 11:00	2.1094	32.5591	104.9709863	104.923789	0.642945	104.919530	
2010	56	1300	56.541666667	02/25/2010 13:00	02/25/2010 12:00	2.1074	32.5611	104.9703806	104.923183	0.642336	104.918921	
2010	56	1400	56.583333333	02/25/2010 14:00	02/25/2010 13:00	2.1081	32.5604	104.9705926	104.923395	0.642549	104.919134	
2010	56	1500	56.625000000	02/25/2010 15:00	02/25/2010 14:00	2.101	32.5674	104.9684423	104.921245	0.640385	104.916970	
2010	56	1600	56.666666667	02/25/2010 16:00	02/25/2010 15:00	2.098	32.5704	104.9675338	104.920337	0.639470	104.916055	
2010	56	1700	56.708333333	02/25/2010 17:00	02/25/2010 16:00	2.094	32.5744	104.9663224	104.919125	0.638251	104.914836	
2010	56	1800	56.750000000	02/25/2010 18:00	02/25/2010 17:00	2.0873	32.5811	104.9642933	104.917096	0.636209	104.912794	
2010	56	1900	56.791666667	02/25/2010 19:00	02/25/2010 18:00	2.0881	32.5803	104.9645356	104.917338	0.636453	104.913038	
2010	56	2000	56.833333333	02/25/2010 20:00	02/25/2010 19:00	2.0961	32.5723	104.9669584	104.919761	0.638891	104.915476	
2010	56	2100	56.875000000	02/25/2010 21:00	02/25/2010 20:00	2.1125	32.5560	104.9719251	104.924728	0.643890	104.920475	
2010	56	2200	56.916666667	02/25/2010 22:00	02/25/2010 21:00	2.1371	32.5316	104.9793752	104.932178	0.651388	104.927973	
2010	56	2300	56.958333333	02/25/2010 23:00	02/25/2010 22:00	2.1584	32.5104	104.9858259	104.938629	0.657880	104.934465	
2010	57	0	57.000000000	02/26/2010 0:00	02/25/2010 23:00	2.1816	32.4874	104.992852	104.945655	0.664952	104.941537	
2010	57	100	57.041666667	02/26/2010 1:00	02/26/2010 0:00	2.202	32.4671	104.9990301	104.951833	0.671170	104.947755	
2010	57	200	57.083333333	02/26/2010 2:00	02/26/2010 1:00	2.2274	32.4419	105.0067225	104.959525	0.678912	104.955497	
2010	57	300	57.125000000	02/26/2010 3:00	02/26/2010 2:00	2.2456	32.4238	105.0122343	104.965037	0.684459	104.961044	
2010	57	400	57.166666667	02/26/2010 4:00	02/26/2010 3:00	2.2601	32.4094	105.0166257	104.969429	0.688878	104.965464	
2010	57	500	57.208333333	02/26/2010 5:00	02/26/2010 4:00	2.264	32.4055	105.0178068	104.970610	0.690067	104.966652	
2010	57	600	57.250000000	02/26/2010 6:00	02/26/2010 5:00	2.2601	32.4094	105.0166257	104.969429	0.688878	104.965464	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	57	700	57.291666667	02/26/2010 7:00	02/26/2010 6:00	2.2507	32.4187	105.0137789	104.966582	0.686013	104.962598	
2010	57	800	57.333333333	02/26/2010 8:00	02/26/2010 7:00	2.2294	32.4399	105.0073282	104.960131	0.679521	104.956106	
2010	57	900	57.375000000	02/26/2010 9:00	02/26/2010 8:00	2.2078	32.4613	105.0007866	104.953590	0.672937	104.949522	
2010	57	1000	57.416666667	02/26/2010 10:00	02/26/2010 9:00	2.1846	32.4844	104.9937605	104.946563	0.665866	104.942451	
2010	57	1100	57.458333333	02/26/2010 11:00	02/26/2010 10:00	2.1613	32.5075	104.9867041	104.939507	0.658764	104.935349	
2010	57	1200	57.500000000	02/26/2010 12:00	02/26/2010 11:00	2.1406	32.5281	104.9804352	104.933238	0.652455	104.929040	
2010	57	1300	57.541666667	02/26/2010 13:00	02/26/2010 12:00	2.1258	32.5428	104.975953	104.928756	0.647944	104.924529	
2010	57	1400	57.583333333	02/26/2010 14:00	02/26/2010 13:00	2.1103	32.5582	104.9712588	104.924062	0.643219	104.919804	
2010	57	1500	57.625000000	02/26/2010 15:00	02/26/2010 14:00	2.0929	32.5755	104.9659893	104.918792	0.637916	104.914501	
2010	57	1600	57.666666667	02/26/2010 16:00	02/26/2010 15:00	2.0774	32.5909	104.9612951	104.914098	0.633192	104.909777	
2010	57	1700	57.708333333	02/26/2010 17:00	02/26/2010 16:00	2.0602	32.6080	104.9560861	104.908889	0.627949	104.904534	
2010	57	1800	57.750000000	02/26/2010 18:00	02/26/2010 17:00	2.0486	32.6195	104.952573	104.905376	0.624413	104.900998	
2010	57	1900	57.791666667	02/26/2010 19:00	02/26/2010 18:00	2.0479	32.6202	104.952361	104.905164	0.624200	104.900785	
2010	57	2000	57.833333333	02/26/2010 20:00	02/26/2010 19:00	2.0595	32.6087	104.9558741	104.908677	0.627736	104.904321	
2010	57	2100	57.875000000	02/26/2010 21:00	02/26/2010 20:00	2.076	32.5923	104.9608711	104.913674	0.632765	104.909350	
2010	57	2200	57.916666667	02/26/2010 22:00	02/26/2010 21:00	2.0905	32.5779	104.9652624	104.918065	0.637184	104.913769	
2010	57	2300	57.958333333	02/26/2010 23:00	02/26/2010 22:00	2.101	32.5674	104.9684423	104.921245	0.640385	104.916970	
2010	58	0	58.000000000	02/27/2010 0:00	02/26/2010 23:00	2.105	32.5635	104.9696537	104.922457	0.641604	104.918189	
2010	58	100	58.041666667	02/27/2010 1:00	02/27/2010 0:00	2.1051	32.5634	104.969684	104.922487	0.641634	104.918220	
2010	58	200	58.083333333	02/27/2010 2:00	02/27/2010 1:00	2.1053	32.5632	104.9697446	104.922547	0.641695	104.918280	
2010	58	300	58.125000000	02/27/2010 3:00	02/27/2010 2:00	2.0985	32.5699	104.9676852	104.920488	0.639623	104.916208	
2010	58	400	58.166666667	02/27/2010 4:00	02/27/2010 3:00	2.0949	32.5735	104.966595	104.919398	0.638526	104.915111	
2010	58	500	58.208333333	02/27/2010 5:00	02/27/2010 4:00	2.0911	32.5773	104.9654441	104.918247	0.637367	104.913952	
2010	58	600	58.250000000	02/27/2010 6:00	02/27/2010 5:00	2.0853	32.5830	104.9636876	104.916490	0.635599	104.912184	
2010	58	700	58.291666667	02/27/2010 7:00	02/27/2010 6:00	2.0722	32.5961	104.9597203	104.912523	0.631607	104.908192	
2010	58	800	58.333333333	02/27/2010 8:00	02/27/2010 7:00	2.061	32.6072	104.9563284	104.909131	0.628193	104.904778	
2010	58	900	58.375000000	02/27/2010 9:00	02/27/2010 8:00	2.0485	32.6196	104.9525428	104.905346	0.624383	104.900968	
2010	58	1000	58.416666667	02/27/2010 10:00	02/27/2010 9:00	2.0406	32.6275	104.9501502	104.902953	0.621975	104.898560	
2010	58	1100	58.458333333	02/27/2010 11:00	02/27/2010 10:00	2.0254	32.6426	104.9455469	104.898350	0.617342	104.893927	
2010	58	1200	58.500000000	02/27/2010 12:00	02/27/2010 11:00	1.9813	32.6864	104.9321913	104.884994	0.603900	104.880485	
2010	58	1300	58.541666667	02/27/2010 13:00	02/27/2010 12:00	1.9968	32.6710	104.9368854	104.889688	0.608625	104.885210	
2010	58	1400	58.583333333	02/27/2010 14:00	02/27/2010 13:00	1.9883	32.6794	104.9343112	104.887114	0.606034	104.882619	
2010	58	1500	58.625000000	02/27/2010 15:00	02/27/2010 14:00	1.9809	32.6868	104.9320701	104.884873	0.603778	104.880363	
2010	58	1600	58.666666667	02/27/2010 16:00	02/27/2010 15:00	1.9749	32.6927	104.930253	104.883056	0.601950	104.878535	
2010	58	1700	58.708333333	02/27/2010 17:00	02/27/2010 16:00	1.9626	32.7050	104.926528	104.879331	0.598200	104.874786	
2010	58	1800	58.750000000	02/27/2010 18:00	02/27/2010 17:00	1.9303	32.7371	104.916746	104.869549	0.588355	104.864940	
2010	58	1900	58.791666667	02/27/2010 19:00	02/27/2010 18:00	1.908	32.7592	104.9099924	104.862795	0.581558	104.858143	
2010	58	2000	58.833333333	02/27/2010 20:00	02/27/2010 19:00	1.889	32.7781	104.9042383	104.857041	0.575767	104.852352	
2010	58	2100	58.875000000	02/27/2010 21:00	02/27/2010 20:00	1.8758	32.7912	104.9002407	104.853044	0.571744	104.848329	
2010	58	2200	58.916666667	02/27/2010 22:00	02/27/2010 21:00	1.8688	32.7982	104.8981207	104.850924	0.569610	104.846195	
2010	58	2300	58.958333333	02/27/2010 23:00	02/27/2010 22:00	1.8736	32.7934	104.8995744	104.852377	0.571073	104.847658	
2010	59	0	59.000000000	02/28/2010 0:00	02/27/2010 23:00	1.8935	32.7736	104.9056011	104.858404	0.577139	104.853724	
2010	59	100	59.041666667	02/28/2010 1:00	02/28/2010 0:00	1.9209	32.7464	104.9138992	104.866702	0.585490	104.862075	
2010	59	200	59.083333333	02/28/2010 2:00	02/28/2010 1:00	1.9551	32.7124	104.9242566	104.877060	0.595914	104.872500	
2010	59	300	59.125000000	02/28/2010 3:00	02/28/2010 2:00	1.9864	32.6813	104.9337358	104.886539	0.605455	104.882040	
2010	59	400	59.166666667	02/28/2010 4:00	02/28/2010 3:00	2.0145	32.6534	104.9422459	104.895049	0.614020	104.890605	
2010	59	500	59.208333333	02/28/2010 5:00	02/28/2010 4:00	2.03	32.6380	104.94694	104.899743	0.618744	104.895329	
2010	59	600	59.250000000	02/28/2010 6:00	02/28/2010 5:00	2.0428	32.6253	104.9508165	104.903619	0.622645	104.899230	
2010	59	700	59.291666667	02/28/2010 7:00	02/28/2010 6:00	2.0457	32.6224	104.9516948	104.904498	0.623529	104.900114	
2010	59	800	59.333333333	02/28/2010 8:00	02/28/2010 7:00	2.0401	32.6280	104.9499988	104.902802	0.621822	104.898408	
2010	59	900	59.375000000	02/28/2010 9:00	02/28/2010 8:00	2.0277	32.6403	104.9462435	104.899046	0.618043	104.894628	
2010	59	1000	59.416666667	02/28/2010 10:00	02/28/2010 9:00	2.0125	32.6554	104.9416402	104.894443	0.613410	104.889995	
2010	59	1100	59.458333333	02/28/2010 11:00	02/28/2010 10:00	2.0005	32.6673	104.938006	104.890809	0.609752	104.886337	
2010	59	1200	59.500000000	02/28/2010 12:00	02/28/2010 11:00	1.9958	32.6720	104.9365826	104.889385	0.608320	104.884905	
2010	59	1300	59.541666667	02/28/2010 13:00	02/28/2010 12:00	1.989	32.6787	104.9345232	104.887326	0.606247	104.882832	
2010	59	1400	59.583333333	02/28/2010 14:00	02/28/2010 13:00	1.9814	32.6863	104.9322216	104.885024	0.603931	104.880516	
2010	59	1500	59.625000000	02/28/2010 15:00	02/28/2010 14:00	1.9706	32.6970	104.9289508	104.881754	0.600639	104.877224	
2010	59	1600	59.666666667	02/28/2010 16:00	02/28/2010 15:00	1.9626	32.7050	104.926528	104.879331	0.598200	104.874786	
2010	59	1700	59.708333333	02/28/2010 17:00	02/28/2010 16:00	1.9461	32.7214	104.921531	104.874334	0.593171	104.869756	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	59	1800	59.750000000	02/28/2010 18:00	02/28/2010 17:00	1.9298	32.7376	104.9165945	104.869397	0.588203	104.864788	
2010	59	1900	59.791666667	02/28/2010 19:00	02/28/2010 18:00	1.9154	32.7519	104.9122335	104.865036	0.583814	104.860399	
2010	59	2000	59.833333333	02/28/2010 20:00	02/28/2010 19:00	1.8912	32.7759	104.9049046	104.857707	0.576438	104.853023	
2010	59	2100	59.875000000	02/28/2010 21:00	02/28/2010 20:00	1.8852	32.7819	104.9030875	104.855890	0.574609	104.851194	
2010	59	2200	59.916666667	02/28/2010 22:00	02/28/2010 21:00	1.8809	32.7861	104.9017852	104.854588	0.573298	104.849883	
2010	59	2300	59.958333333	02/28/2010 23:00	02/28/2010 22:00	1.8822	32.7848	104.9021789	104.854982	0.573695	104.850280	
2010	60	0	60.000000000	03/01/2010 0:00	02/28/2010 23:00	1.8817	32.7853	104.9020275	104.854830	0.573542	104.850127	
2010	60	100	60.041666667	03/01/2010 1:00	03/01/2010 0:00	1.8826	32.7844	104.9023001	104.855103	0.573816	104.850402	
2010	60	200	60.083333333	03/01/2010 2:00	03/01/2010 1:00	1.8904	32.7767	104.9046623	104.857465	0.576194	104.852779	
2010	60	300	60.125000000	03/01/2010 3:00	03/01/2010 2:00	1.8942	32.7729	104.9058131	104.858616	0.577352	104.853937	
2010	60	400	60.166666667	03/01/2010 4:00	03/01/2010 3:00	1.9013	32.7659	104.9079633	104.860766	0.579516	104.856101	
2010	60	500	60.208333333	03/01/2010 5:00	03/01/2010 4:00	1.9074	32.7598	104.9098107	104.862614	0.581376	104.857961	
2010	60	600	60.250000000	03/01/2010 6:00	03/01/2010 5:00	1.9161	32.7512	104.9124455	104.865248	0.584027	104.860612	
2010	60	700	60.291666667	03/01/2010 7:00	03/01/2010 6:00	1.9227	32.7446	104.9144443	104.867247	0.586039	104.862624	
2010	60	800	60.333333333	03/01/2010 8:00	03/01/2010 7:00	1.9335	32.7339	104.9177151	104.870518	0.589331	104.865916	
2010	60	900	60.375000000	03/01/2010 9:00	03/01/2010 8:00	1.939	32.7284	104.9193808	104.872184	0.591007	104.867592	
2010	60	1000	60.416666667	03/01/2010 10:00	03/01/2010 9:00	1.9447	32.7227	104.921107	104.873910	0.592745	104.869330	
2010	60	1100	60.458333333	03/01/2010 11:00	03/01/2010 10:00	1.9485	32.7190	104.9222578	104.875061	0.593903	104.870488	
2010	60	1200	60.500000000	03/01/2010 12:00	03/01/2010 11:00	1.9533	32.7142	104.9237115	104.876514	0.595366	104.871951	
2010	60	1300	60.541666667	03/01/2010 13:00	03/01/2010 12:00	1.9576	32.7099	104.9250138	104.877817	0.596676	104.873262	
2010	60	1400	60.583333333	03/01/2010 14:00	03/01/2010 13:00	1.9627	32.7049	104.9265583	104.879361	0.598231	104.874816	
2010	60	1500	60.625000000	03/01/2010 15:00	03/01/2010 14:00	1.9731	32.6945	104.9297079	104.882511	0.601401	104.877986	
2010	60	1600	60.666666667	03/01/2010 16:00	03/01/2010 15:00	1.975	32.6926	104.9302833	104.883086	0.601980	104.878565	
2010	60	1700	60.708333333	03/01/2010 17:00	03/01/2010 16:00	1.9726	32.6950	104.9295565	104.882359	0.601248	104.877834	
2010	60	1800	60.750000000	03/01/2010 18:00	03/01/2010 17:00	1.9647	32.7029	104.927164	104.879967	0.598841	104.875426	
2010	60	1900	60.791666667	03/01/2010 19:00	03/01/2010 18:00	1.9546	32.7129	104.9241052	104.876908	0.595762	104.872347	
2010	60	2000	60.833333333	03/01/2010 20:00	03/01/2010 19:00	1.9462	32.7213	104.9215613	104.874364	0.593202	104.869787	
2010	60	2100	60.875000000	03/01/2010 21:00	03/01/2010 20:00	1.9355	32.7319	104.9183208	104.871124	0.589940	104.866525	
2010	60	2200	60.916666667	03/01/2010 22:00	03/01/2010 21:00	1.9212	32.7461	104.91399	104.866793	0.585582	104.862167	
2010	60	2300	60.958333333	03/01/2010 23:00	03/01/2010 22:00	1.9053	32.7619	104.9091747	104.861978	0.580735	104.857320	
2010	61	0	61.000000000	03/02/2010 0:00	03/01/2010 23:00	1.9046	32.7626	104.9089627	104.861766	0.580522	104.857107	
2010	61	100	61.041666667	03/02/2010 1:00	03/02/2010 0:00	1.9165	32.7508	104.9125666	104.865370	0.584149	104.860734	
2010	61	200	61.083333333	03/02/2010 2:00	03/02/2010 1:00	1.939	32.7284	104.9193808	104.872184	0.591007	104.867592	
2010	61	300	61.125000000	03/02/2010 3:00	03/02/2010 2:00	1.9655	32.7021	104.9274063	104.880209	0.599084	104.875669	
2010	61	400	61.166666667	03/02/2010 4:00	03/02/2010 3:00	1.9871	32.6806	104.9339478	104.886751	0.605668	104.882253	
2010	61	500	61.208333333	03/02/2010 5:00	03/02/2010 4:00	2.0028	32.6650	104.9387025	104.891505	0.610453	104.887038	
2010	61	600	61.250000000	03/02/2010 6:00	03/02/2010 5:00	2.0173	32.6506	104.9430939	104.895897	0.614873	104.891458	
2010	61	700	61.291666667	03/02/2010 7:00	03/02/2010 6:00	2.0257	32.6423	104.9456378	104.898441	0.617433	104.894018	
2010	61	800	61.333333333	03/02/2010 8:00	03/02/2010 7:00	2.0233	32.6446	104.9449109	104.897714	0.616702	104.893287	
2010	61	900	61.375000000	03/02/2010 9:00	03/02/2010 8:00	2.0134	32.6545	104.9419127	104.894716	0.613684	104.890269	
2010	61	1000	61.416666667	03/02/2010 10:00	03/02/2010 9:00	2.0036	32.6642	104.9389448	104.891748	0.610697	104.887282	
2010	61	1100	61.458333333	03/02/2010 11:00	03/02/2010 10:00	1.9841	32.6836	104.9330393	104.885842	0.604754	104.881339	
2010	61	1200	61.500000000	03/02/2010 12:00	03/02/2010 11:00	1.9727	32.6949	104.9295868	104.882390	0.601279	104.877864	
2010	61	1300	61.541666667	03/02/2010 13:00	03/02/2010 12:00	1.9619	32.7057	104.926316	104.879119	0.597987	104.874572	
2010	61	1400	61.583333333	03/02/2010 14:00	03/02/2010 13:00	1.9469	32.7206	104.9217733	104.874576	0.593415	104.870000	
2010	61	1500	61.625000000	03/02/2010 15:00	03/02/2010 14:00	1.946	32.7215	104.9215007	104.874304	0.593141	104.869726	
2010	61	1600	61.666666667	03/02/2010 16:00	03/02/2010 15:00	1.9276	32.7397	104.9159283	104.868731	0.587532	104.864118	
2010	61	1700	61.708333333	03/02/2010 17:00	03/02/2010 16:00	1.9129	32.7543	104.9114764	104.864279	0.583052	104.859637	
2010	61	1800	61.750000000	03/02/2010 18:00	03/02/2010 17:00	1.8983	32.7688	104.9070548	104.859858	0.578602	104.855187	
2010	61	1900	61.791666667	03/02/2010 19:00	03/02/2010 18:00	1.8897	32.7774	104.9044503	104.857253	0.575981	104.852566	
2010	61	2000	61.833333333	03/02/2010 20:00	03/02/2010 19:00	1.88	32.7870	104.9015126	104.854316	0.573024	104.849609	
2010	61	2100	61.875000000	03/02/2010 21:00	03/02/2010 20:00	1.8738	32.7932	104.899635	104.852438	0.571134	104.847719	
2010	61	2200	61.916666667	03/02/2010 22:00	03/02/2010 21:00	1.8815	32.7855	104.9019669	104.854770	0.573481	104.850066	
2010	61	2300	61.958333333	03/02/2010 23:00	03/02/2010 22:00	1.9002	32.7670	104.9076302	104.860433	0.579181	104.855766	
2010	62	0	62.000000000	03/03/2010 0:00	03/02/2010 23:00	1.9295	32.7378	104.9165037	104.869307	0.588112	104.864697	
2010	62	100	62.041666667	03/03/2010 1:00	03/03/2010 0:00	1.962	32.7056	104.9263463	104.879149	0.598018	104.874603	
2010	62	200	62.083333333	03/03/2010 2:00	03/03/2010 1:00	1.9859	32.6818	104.9335844	104.886387	0.605302	104.881887	
2010	62	300	62.125000000	03/03/2010 3:00	03/03/2010 2:00	2.0056	32.6622	104.9395505	104.892353	0.611307	104.887892	
2010	62	400	62.166666667	03/03/2010 4:00	03/03/2010 3:00	2.0181	32.6498	104.9433361	104.896139	0.615117	104.891702	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	62	500	62.208333333	03/03/2010 5:00	03/03/2010 4:00	2.025	32.6430	104.9454258	104.898229	0.617220	104.893805	
2010	62	600	62.250000000	03/03/2010 6:00	03/03/2010 5:00	2.0252	32.6428	104.9454864	104.898289	0.617281	104.893866	
2010	62	700	62.291666667	03/03/2010 7:00	03/03/2010 6:00	2.0194	32.6485	104.9437298	104.896533	0.615513	104.892098	
2010	62	800	62.333333333	03/03/2010 8:00	03/03/2010 7:00	2.0056	32.6622	104.9395505	104.892353	0.611307	104.887892	
2010	62	900	62.375000000	03/03/2010 9:00	03/03/2010 8:00	1.9896	32.6781	104.9347049	104.887508	0.606430	104.883015	
2010	62	1000	62.416666667	03/03/2010 10:00	03/03/2010 9:00	1.973	32.6946	104.9296776	104.882481	0.601370	104.877955	
2010	62	1100	62.458333333	03/03/2010 11:00	03/03/2010 10:00	1.9555	32.7120	104.9243778	104.877181	0.596036	104.872621	
2010	62	1200	62.500000000	03/03/2010 12:00	03/03/2010 11:00	1.9295	32.7378	104.9165037	104.869307	0.588112	104.864697	
2010	62	1300	62.541666667	03/03/2010 13:00	03/03/2010 12:00	1.9261	32.7412	104.915474	104.868277	0.587075	104.863660	
2010	62	1400	62.583333333	03/03/2010 14:00	03/03/2010 13:00	1.9212	32.7461	104.91399	104.866793	0.585582	104.862167	
2010	62	1500	62.625000000	03/03/2010 15:00	03/03/2010 14:00	1.9005	32.7667	104.9077211	104.860524	0.579272	104.855857	
2010	62	1600	62.666666667	03/03/2010 16:00	03/03/2010 15:00	1.8983	32.7688	104.9070548	104.859858	0.578602	104.855187	
2010	62	1700	62.708333333	03/03/2010 17:00	03/03/2010 16:00	1.8826	32.7844	104.9023001	104.855103	0.573816	104.850402	
2010	62	1800	62.750000000	03/03/2010 18:00	03/03/2010 17:00	1.8741	32.7929	104.8997258	104.852529	0.571226	104.847811	
2010	62	1900	62.791666667	03/03/2010 19:00	03/03/2010 18:00	1.8672	32.7998	104.8976362	104.850439	0.569123	104.845708	
2010	62	2000	62.833333333	03/03/2010 20:00	03/03/2010 19:00	1.8646	32.8023	104.8968488	104.849652	0.568330	104.844915	
2010	62	2100	62.875000000	03/03/2010 21:00	03/03/2010 20:00	1.8631	32.8038	104.8963945	104.849197	0.567873	104.844458	
2010	62	2200	62.916666667	03/03/2010 22:00	03/03/2010 21:00	1.8595	32.8074	104.8953042	104.848107	0.566776	104.843361	
2010	62	2300	62.958333333	03/03/2010 23:00	03/03/2010 22:00	1.8628	32.8041	104.8963036	104.849107	0.567781	104.844366	
2010	63	0	63.000000000	03/04/2010 0:00	03/03/2010 23:00	1.8732	32.7938	104.8994533	104.852256	0.570951	104.847536	
2010	63	100	63.041666667	03/04/2010 1:00	03/04/2010 0:00	1.8976	32.7695	104.9068428	104.859646	0.578388	104.854974	
2010	63	200	63.083333333	03/04/2010 2:00	03/04/2010 1:00	1.9391	32.7283	104.919411	104.872214	0.591038	104.867623	
2010	63	300	63.125000000	03/04/2010 3:00	03/04/2010 2:00	1.9835	32.6842	104.9328575	104.885660	0.604571	104.881156	
2010	63	400	63.166666667	03/04/2010 4:00	03/04/2010 3:00	2.0269	32.6411	104.9460012	104.898804	0.617799	104.894384	
2010	63	500	63.208333333	03/04/2010 5:00	03/04/2010 4:00	2.0627	32.6055	104.9568432	104.909646	0.628711	104.905296	
2010	63	600	63.250000000	03/04/2010 6:00	03/04/2010 5:00	2.0872	32.5812	104.964263	104.917066	0.636179	104.912764	
2010	63	700	63.291666667	03/04/2010 7:00	03/04/2010 6:00	2.1046	32.5639	104.9695326	104.922335	0.641482	104.918067	
2010	63	800	63.333333333	03/04/2010 8:00	03/04/2010 7:00	2.1061	32.5624	104.9699869	104.922790	0.641939	104.918524	
2010	63	900	63.375000000	03/04/2010 9:00	03/04/2010 8:00	2.1105	32.5580	104.9713194	104.924122	0.643280	104.919865	
2010	63	1000	63.416666667	03/04/2010 10:00	03/04/2010 9:00	2.106	32.5625	104.9699566	104.922759	0.641909	104.918494	
2010	63	1100	63.458333333	03/04/2010 11:00	03/04/2010 10:00	2.0925	32.5759	104.9658681	104.918671	0.637794	104.914379	
2010	63	1200	63.500000000	03/04/2010 12:00	03/04/2010 11:00	2.0852	32.5831	104.9636573	104.916460	0.635569	104.912154	
2010	63	1300	63.541666667	03/04/2010 13:00	03/04/2010 12:00	2.0791	32.5892	104.9618099	104.914613	0.633710	104.910295	
2010	63	1400	63.583333333	03/04/2010 14:00	03/04/2010 13:00	2.0733	32.5950	104.9600534	104.912856	0.631942	104.908527	
2010	63	1500	63.625000000	03/04/2010 15:00	03/04/2010 14:00	2.0881	32.5803	104.9645356	104.917338	0.636453	104.913038	
2010	63	1600	63.666666667	03/04/2010 16:00	03/04/2010 15:00	2.0906	32.5778	104.9652927	104.918096	0.637215	104.913800	
2010	63	1700	63.708333333	03/04/2010 17:00	03/04/2010 16:00	2.0996	32.5688	104.9680183	104.920821	0.639958	104.916543	
2010	63	1800	63.750000000	03/04/2010 18:00	03/04/2010 17:00	2.0994	32.5690	104.9679578	104.920761	0.639897	104.916482	
2010	63	1900	63.791666667	03/04/2010 19:00	03/04/2010 18:00	2.0992	32.5692	104.9678972	104.920700	0.639836	104.916421	
2010	63	2000	63.833333333	03/04/2010 20:00	03/04/2010 19:00	2.095	32.5734	104.9666252	104.919428	0.638556	104.915141	
2010	63	2100	63.875000000	03/04/2010 21:00	03/04/2010 20:00	2.0953	32.5731	104.9667161	104.919519	0.638647	104.915232	
2010	63	2200	63.916666667	03/04/2010 22:00	03/04/2010 21:00	2.1003	32.5681	104.9682303	104.921033	0.640171	104.916756	
2010	63	2300	63.958333333	03/04/2010 23:00	03/04/2010 22:00	2.1048	32.5637	104.9695932	104.922396	0.641543	104.918128	
2010	64	0	64.000000000	03/05/2010 0:00	03/04/2010 23:00	2.1128	32.5557	104.972016	104.924819	0.643981	104.920566	
2010	64	100	64.041666667	03/05/2010 1:00	03/05/2010 0:00	2.1328	32.5358	104.9780729	104.930876	0.650077	104.926662	
2010	64	200	64.083333333	03/05/2010 2:00	03/05/2010 1:00	2.158	32.5108	104.9857047	104.938508	0.657758	104.934343	
2010	64	300	64.125000000	03/05/2010 3:00	03/05/2010 2:00	2.1919	32.4771	104.9959713	104.948774	0.668091	104.944676	
2010	64	400	64.166666667	03/05/2010 4:00	03/05/2010 3:00	2.2297	32.4396	105.007419	104.960222	0.679613	104.956198	
2010	64	500	64.208333333	03/05/2010 5:00	03/05/2010 4:00	2.2616	32.4079	105.0170799	104.969883	0.689336	104.965921	
2010	64	600	64.250000000	03/05/2010 6:00	03/05/2010 5:00	2.2853	32.3843	105.0242575	104.977060	0.696559	104.973144	
2010	64	700	64.291666667	03/05/2010 7:00	03/05/2010 6:00	2.2999	32.3698	105.0286791	104.981482	0.701010	104.977595	
2010	64	800	64.333333333	03/05/2010 8:00	03/05/2010 7:00	2.3064	32.3634	105.0306476	104.983450	0.702991	104.979576	
2010	64	900	64.375000000	03/05/2010 9:00	03/05/2010 8:00	2.3001	32.3696	105.0287396	104.981543	0.701070	104.977656	
2010	64	1000	64.416666667	03/05/2010 10:00	03/05/2010 9:00	2.3071	32.3627	105.0308596	104.983662	0.703204	104.979789	
2010	64	1100	64.458333333	03/05/2010 11:00	03/05/2010 10:00	2.2963	32.3734	105.0275888	104.980392	0.699912	104.976497	
2010	64	1200	64.500000000	03/05/2010 12:00	03/05/2010 11:00	2.2802	32.3894	105.0227129	104.975516	0.695005	104.971590	
2010	64	1300	64.541666667	03/05/2010 13:00	03/05/2010 12:00	2.2638	32.4057	105.0177462	104.970549	0.690006	104.966591	
2010	64	1400	64.583333333	03/05/2010 14:00	03/05/2010 13:00	2.2504	32.4190	105.013688	104.966491	0.685922	104.962507	
2010	64	1500	64.625000000	03/05/2010 15:00	03/05/2010 14:00	2.2409	32.4284	105.010811	104.963614	0.683026	104.959611	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	64	1600	64.666666667	03/05/2010 16:00	03/05/2010 15:00	2.2329	32.4364	105.0083882	104.961191	0.680588	104.957173	
2010	64	1700	64.708333333	03/05/2010 17:00	03/05/2010 16:00	2.2247	32.4445	105.0059048	104.958708	0.678089	104.954674	
2010	64	1800	64.750000000	03/05/2010 18:00	03/05/2010 17:00	2.2123	32.4569	105.0021495	104.954952	0.674309	104.950894	
2010	64	1900	64.791666667	03/05/2010 19:00	03/05/2010 18:00	2.2008	32.4683	104.9986667	104.951470	0.670804	104.947389	
2010	64	2000	64.833333333	03/05/2010 20:00	03/05/2010 19:00	2.1927	32.4763	104.9962136	104.949017	0.668335	104.944920	
2010	64	2100	64.875000000	03/05/2010 21:00	03/05/2010 20:00	2.1748	32.4941	104.9907926	104.943596	0.662879	104.939464	
2010	64	2200	64.916666667	03/05/2010 22:00	03/05/2010 21:00	2.1613	32.5075	104.9867041	104.939507	0.658764	104.935349	
2010	64	2300	64.958333333	03/05/2010 23:00	03/05/2010 22:00	2.1458	32.5229	104.98201	104.934813	0.654040	104.930625	
2010	65	0	65.000000000	03/06/2010 0:00	03/05/2010 23:00	2.1395	32.5292	104.980102	104.932905	0.652120	104.928705	
2010	65	100	65.041666667	03/06/2010 1:00	03/06/2010 0:00	2.1369	32.5318	104.9793146	104.932118	0.651327	104.927912	
2010	65	200	65.083333333	03/06/2010 2:00	03/06/2010 1:00	2.1375	32.5312	104.9794963	104.932299	0.651510	104.928095	
2010	65	300	65.125000000	03/06/2010 3:00	03/06/2010 2:00	2.1455	32.5232	104.9819191	104.934722	0.653948	104.930533	
2010	65	400	65.166666667	03/06/2010 4:00	03/06/2010 3:00	2.1506	32.5182	104.9834637	104.936267	0.655503	104.932088	
2010	65	500	65.208333333	03/06/2010 5:00	03/06/2010 4:00	2.1497	32.5191	104.9831911	104.935994	0.655229	104.931814	
2010	65	600	65.250000000	03/06/2010 6:00	03/06/2010 5:00	2.1449	32.5238	104.9817374	104.934540	0.653766	104.930351	
2010	65	700	65.291666667	03/06/2010 7:00	03/06/2010 6:00	2.1371	32.5316	104.9793752	104.932178	0.651388	104.927973	
2010	65	800	65.333333333	03/06/2010 8:00	03/06/2010 7:00	2.1266	32.5420	104.9761953	104.928998	0.648188	104.924773	
2010	65	900	65.375000000	03/06/2010 9:00	03/06/2010 8:00	2.1135	32.5550	104.972228	104.925031	0.644195	104.920780	
2010	65	1000	65.416666667	03/06/2010 10:00	03/06/2010 9:00	2.0984	32.5700	104.9676549	104.920458	0.639592	104.916177	
2010	65	1100	65.458333333	03/06/2010 11:00	03/06/2010 10:00	2.0811	32.5872	104.9624156	104.915219	0.634319	104.910904	
2010	65	1200	65.500000000	03/06/2010 12:00	03/06/2010 11:00	2.0711	32.5972	104.9593871	104.912190	0.631271	104.907856	
2010	65	1300	65.541666667	03/06/2010 13:00	03/06/2010 12:00	2.0596	32.6086	104.9559044	104.908707	0.627766	104.904351	
2010	65	1400	65.583333333	03/06/2010 14:00	03/06/2010 13:00	2.0574	32.6108	104.9552381	104.908041	0.627096	104.903681	
2010	65	1500	65.625000000	03/06/2010 15:00	03/06/2010 14:00	2.0518	32.6163	104.9535422	104.906345	0.625389	104.901974	
2010	65	1600	65.666666667	03/06/2010 16:00	03/06/2010 15:00	2.0538	32.6143	104.9541479	104.906951	0.625998	104.902583	
2010	65	1700	65.708333333	03/06/2010 17:00	03/06/2010 16:00	2.0637	32.6045	104.9571461	104.909949	0.629016	104.905601	
2010	65	1800	65.750000000	03/06/2010 18:00	03/06/2010 17:00	2.0715	32.5968	104.9595083	104.912311	0.631393	104.907978	
2010	65	1900	65.791666667	03/06/2010 19:00	03/06/2010 18:00	2.0801	32.5882	104.9621128	104.914916	0.634014	104.910600	
2010	65	2000	65.833333333	03/06/2010 20:00	03/06/2010 19:00	2.0865	32.5819	104.964051	104.916854	0.635965	104.912550	
2010	65	2100	65.875000000	03/06/2010 21:00	03/06/2010 20:00	2.09	32.5784	104.965111	104.917914	0.637032	104.913617	
2010	65	2200	65.916666667	03/06/2010 22:00	03/06/2010 21:00	2.0905	32.5779	104.9652624	104.918065	0.637184	104.913769	
2010	65	2300	65.958333333	03/06/2010 23:00	03/06/2010 22:00	2.0896	32.5788	104.9649899	104.917793	0.636910	104.913495	
2010	66	0	66.000000000	03/07/2010 0:00	03/06/2010 23:00	2.0843	32.5840	104.9633848	104.916188	0.635295	104.911880	
2010	66	100	66.041666667	03/07/2010 1:00	03/07/2010 0:00	2.0788	32.5895	104.9617191	104.914522	0.633618	104.910203	
2010	66	200	66.083333333	03/07/2010 2:00	03/07/2010 1:00	2.0786	32.5897	104.9616585	104.914461	0.633557	104.910142	
2010	66	300	66.125000000	03/07/2010 3:00	03/07/2010 2:00	2.0766	32.5917	104.9610528	104.913856	0.632948	104.909533	
2010	66	400	66.166666667	03/07/2010 4:00	03/07/2010 3:00	2.0672	32.6010	104.958206	104.911009	0.630083	104.906668	
2010	66	500	66.208333333	03/07/2010 5:00	03/07/2010 4:00	2.0559	32.6123	104.9547838	104.907587	0.626638	104.903223	
2010	66	600	66.250000000	03/07/2010 6:00	03/07/2010 5:00	2.0423	32.6258	104.9506651	104.903468	0.622493	104.899078	
2010	66	700	66.291666667	03/07/2010 7:00	03/07/2010 6:00	2.0307	32.6373	104.947152	104.899955	0.618957	104.895542	
2010	66	800	66.333333333	03/07/2010 8:00	03/07/2010 7:00	2.0173	32.6506	104.9430939	104.895897	0.614873	104.891458	
2010	66	900	66.375000000	03/07/2010 9:00	03/07/2010 8:00	2.0059	32.6619	104.9396414	104.892444	0.611398	104.887983	
2010	66	1000	66.416666667	03/07/2010 10:00	03/07/2010 9:00	1.9947	32.6731	104.9362495	104.889052	0.607985	104.884570	
2010	66	1100	66.458333333	03/07/2010 11:00	03/07/2010 10:00	1.9822	32.6855	104.9324638	104.885267	0.604175	104.880760	
2010	66	1200	66.500000000	03/07/2010 12:00	03/07/2010 11:00	1.97	32.6976	104.9287691	104.881572	0.600456	104.877041	
2010	66	1300	66.541666667	03/07/2010 13:00	03/07/2010 12:00	1.9618	32.7058	104.9262857	104.879089	0.597957	104.874542	
2010	66	1400	66.583333333	03/07/2010 14:00	03/07/2010 13:00	1.9506	32.7169	104.9228938	104.875697	0.594543	104.871128	
2010	66	1500	66.625000000	03/07/2010 15:00	03/07/2010 14:00	1.9444	32.7230	104.9210161	104.873819	0.592653	104.869238	
2010	66	1600	66.666666667	03/07/2010 16:00	03/07/2010 15:00	1.9369	32.7305	104.9187448	104.871548	0.590367	104.866952	
2010	66	1700	66.708333333	03/07/2010 17:00	03/07/2010 16:00	1.9296	32.7377	104.916534	104.869337	0.588142	104.864727	
2010	66	1800	66.750000000	03/07/2010 18:00	03/07/2010 17:00	1.9183	32.7490	104.9131118	104.865915	0.584698	104.861283	
2010	66	1900	66.791666667	03/07/2010 19:00	03/07/2010 18:00	1.9074	32.7598	104.9098107	104.862614	0.581376	104.857961	
2010	66	2000	66.833333333	03/07/2010 20:00	03/07/2010 19:00	1.8924	32.7747	104.905268	104.858071	0.576804	104.853389	
2010	66	2100	66.875000000	03/07/2010 21:00	03/07/2010 20:00	1.8836	32.7835	104.9026029	104.855406	0.574121	104.850706	
2010	66	2200	66.916666667	03/07/2010 22:00	03/07/2010 21:00	1.8727	32.7943	104.8993018	104.852105	0.570799	104.847384	
2010	66	2300	66.958333333	03/07/2010 23:00	03/07/2010 22:00	1.855	32.8119	104.8939414	104.846744	0.565404	104.841989	
2010	67	0	67.000000000	03/08/2010 0:00	03/07/2010 23:00	1.8451	32.8217	104.8909432	104.843746	0.562386	104.838972	
2010	67	100	67.041666667	03/08/2010 1:00	03/08/2010 0:00	1.8376	32.8292	104.8886718	104.841475	0.560100	104.836686	
2010	67	200	67.083333333	03/08/2010 2:00	03/08/2010 1:00	1.8337	32.8330	104.8874907	104.840294	0.558912	104.835497	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	67	300	67.125000000	03/08/2010 3:00	03/08/2010 2:00	1.8279	32.8388	104.8857342	104.838537	0.557144	104.833729	
2010	67	400	67.166666667	03/08/2010 4:00	03/08/2010 3:00	1.8192	32.8474	104.8830994	104.835902	0.554492	104.831077	
2010	67	500	67.208333333	03/08/2010 5:00	03/08/2010 4:00	1.8127	32.8539	104.8811309	104.833934	0.552511	104.829096	
2010	67	600	67.250000000	03/08/2010 6:00	03/08/2010 5:00	1.8117	32.8549	104.880828	104.833631	0.552206	104.828791	
2010	67	700	67.291666667	03/08/2010 7:00	03/08/2010 6:00	1.802	32.8645	104.8778904	104.830693	0.549250	104.825835	
2010	67	800	67.333333333	03/08/2010 8:00	03/08/2010 7:00	1.7959	32.8706	104.876043	104.828846	0.547390	104.823975	
2010	67	900	67.375000000	03/08/2010 9:00	03/08/2010 8:00	1.7889	32.8775	104.8739231	104.826726	0.545257	104.821842	
2010	67	1000	67.416666667	03/08/2010 10:00	03/08/2010 9:00	1.7823	32.8841	104.8719243	104.824727	0.543245	104.819830	
2010	67	1100	67.458333333	03/08/2010 11:00	03/08/2010 10:00	1.7767	32.8897	104.8702283	104.823031	0.541538	104.818123	
2010	67	1200	67.500000000	03/08/2010 12:00	03/08/2010 11:00	1.7684	32.8979	104.8677147	104.820518	0.539008	104.815593	
2010	67	1300	67.541666667	03/08/2010 13:00	03/08/2010 12:00	1.7655	32.9008	104.8668364	104.819639	0.538124	104.814709	
2010	67	1400	67.583333333	03/08/2010 14:00	03/08/2010 13:00	1.7616	32.9047	104.8656553	104.818458	0.536936	104.813521	
2010	67	1500	67.625000000	03/08/2010 15:00	03/08/2010 14:00	1.752	32.9142	104.8627479	104.815551	0.534010	104.810595	
2010	67	1600	67.666666667	03/08/2010 16:00	03/08/2010 15:00	1.7462	32.9200	104.8609914	104.813794	0.532242	104.808827	
2010	67	1700	67.708333333	03/08/2010 17:00	03/08/2010 16:00	1.7359	32.9302	104.8578721	104.810675	0.529102	104.805687	
2010	67	1800	67.750000000	03/08/2010 18:00	03/08/2010 17:00	1.7278	32.9383	104.855419	104.808222	0.526633	104.803218	
2010	67	1900	67.791666667	03/08/2010 19:00	03/08/2010 18:00	1.7211	32.9449	104.8533899	104.806193	0.524591	104.801176	
2010	67	2000	67.833333333	03/08/2010 20:00	03/08/2010 19:00	1.7135	32.9525	104.8510882	104.803891	0.522275	104.798860	
2010	67	2100	67.875000000	03/08/2010 21:00	03/08/2010 20:00	1.7044	32.9615	104.8483323	104.801135	0.519501	104.796086	
2010	67	2200	67.916666667	03/08/2010 22:00	03/08/2010 21:00	1.6942	32.9716	104.8452433	104.798046	0.516392	104.792977	
2010	67	2300	67.958333333	03/08/2010 23:00	03/08/2010 22:00	1.6869	32.9789	104.8430325	104.795835	0.514167	104.790752	
2010	68	0	68.000000000	03/09/2010 0:00	03/08/2010 23:00	1.6787	32.9870	104.8405491	104.793352	0.511668	104.788253	
2010	68	100	68.041666667	03/09/2010 1:00	03/09/2010 0:00	1.677	32.9887	104.8400342	104.792837	0.511150	104.787735	
2010	68	200	68.083333333	03/09/2010 2:00	03/09/2010 1:00	1.6741	32.9916	104.839156	104.791959	0.510266	104.786851	
2010	68	300	68.125000000	03/09/2010 3:00	03/09/2010 2:00	1.6724	32.9933	104.8386411	104.791444	0.509748	104.786333	
2010	68	400	68.166666667	03/09/2010 4:00	03/09/2010 3:00	1.6724	32.9933	104.8386411	104.791444	0.509748	104.786333	
2010	68	500	68.208333333	03/09/2010 5:00	03/09/2010 4:00	1.6714	32.9943	104.8383383	104.791141	0.509443	104.786028	
2010	68	600	68.250000000	03/09/2010 6:00	03/09/2010 5:00	1.6695	32.9962	104.8377629	104.790566	0.508864	104.785449	
2010	68	700	68.291666667	03/09/2010 7:00	03/09/2010 6:00	1.6639	33.0017	104.8360669	104.788870	0.507157	104.783742	
2010	68	800	68.333333333	03/09/2010 8:00	03/09/2010 7:00	1.6569	33.0087	104.833947	104.786750	0.505023	104.781608	
2010	68	900	68.375000000	03/09/2010 9:00	03/09/2010 8:00	1.6501	33.0155	104.8318876	104.784690	0.502950	104.779536	
2010	68	1000	68.416666667	03/09/2010 10:00	03/09/2010 9:00	1.6396	33.0259	104.8287077	104.781511	0.499750	104.776335	
2010	68	1100	68.458333333	03/09/2010 11:00	03/09/2010 10:00	1.6324	33.0330	104.8265272	104.779330	0.497556	104.774141	
2010	68	1200	68.500000000	03/09/2010 12:00	03/09/2010 11:00	1.6144	33.0509	104.8210759	104.773879	0.492069	104.768654	
2010	68	1300	68.541666667	03/09/2010 13:00	03/09/2010 12:00	1.6076	33.0577	104.8190165	104.771819	0.489996	104.766582	
2010	68	1400	68.583333333	03/09/2010 14:00	03/09/2010 13:00	1.5921	33.0731	104.8143223	104.767125	0.485272	104.761857	
2010	68	1500	68.625000000	03/09/2010 15:00	03/09/2010 14:00	1.5791	33.0860	104.8103853	104.763188	0.481310	104.757895	
2010	68	1600	68.666666667	03/09/2010 16:00	03/09/2010 15:00	1.5655	33.0995	104.8062665	104.759069	0.477164	104.753749	
2010	68	1700	68.708333333	03/09/2010 17:00	03/09/2010 16:00	1.5522	33.1127	104.8022387	104.755042	0.473111	104.749696	
2010	68	1800	68.750000000	03/09/2010 18:00	03/09/2010 17:00	1.544	33.1209	104.7997553	104.752558	0.470611	104.747196	
2010	68	1900	68.791666667	03/09/2010 19:00	03/09/2010 18:00	1.5316	33.1332	104.796	104.748803	0.466832	104.743417	
2010	68	2000	68.833333333	03/09/2010 20:00	03/09/2010 19:00	1.5175	33.1472	104.7917298	104.744533	0.462534	104.739119	
2010	68	2100	68.875000000	03/09/2010 21:00	03/09/2010 20:00	1.5081	33.1566	104.788883	104.741686	0.459669	104.736254	
2010	68	2200	68.916666667	03/09/2010 22:00	03/09/2010 21:00	1.4926	33.1720	104.7841888	104.736992	0.454944	104.731530	
2010	68	2300	68.958333333	03/09/2010 23:00	03/09/2010 22:00	1.4785	33.1860	104.7799187	104.732722	0.450647	104.727232	
2010	69	0	69.000000000	03/10/2010 0:00	03/09/2010 23:00	1.4726	33.1918	104.7781318	104.730935	0.448848	104.725434	
2010	69	100	69.041666667	03/10/2010 1:00	03/10/2010 0:00	1.4668	33.1976	104.7763753	104.729178	0.447081	104.723666	
2010	69	200	69.083333333	03/10/2010 2:00	03/10/2010 1:00	1.4637	33.2007	104.7754365	104.728239	0.446136	104.722721	
2010	69	300	69.125000000	03/10/2010 3:00	03/10/2010 2:00	1.461	33.2034	104.7746188	104.727422	0.445313	104.721898	
2010	69	400	69.166666667	03/10/2010 4:00	03/10/2010 3:00	1.458	33.2063	104.7737103	104.726513	0.444398	104.720983	
2010	69	500	69.208333333	03/10/2010 5:00	03/10/2010 4:00	1.4561	33.2082	104.7731348	104.725938	0.443819	104.720404	
2010	69	600	69.250000000	03/10/2010 6:00	03/10/2010 5:00	1.4513	33.2130	104.7716812	104.724484	0.442356	104.718941	
2010	69	700	69.291666667	03/10/2010 7:00	03/10/2010 6:00	1.4414	33.2228	104.768683	104.721486	0.439339	104.715924	
2010	69	800	69.333333333	03/10/2010 8:00	03/10/2010 7:00	1.4317	33.2325	104.7657453	104.718548	0.436382	104.712967	
2010	69	900	69.375000000	03/10/2010 9:00	03/10/2010 8:00	1.4203	33.2438	104.7622928	104.715096	0.432907	104.709492	
2010	69	1000	69.416666667	03/10/2010 10:00	03/10/2010 9:00	1.4088	33.2552	104.7588101	104.711613	0.429402	104.705987	
2010	69	1100	69.458333333	03/10/2010 11:00	03/10/2010 10:00	1.4052	33.2588	104.7577198	104.710523	0.428305	104.704890	
2010	69	1200	69.500000000	03/10/2010 12:00	03/10/2010 11:00	1.3924	33.2715	104.7538433	104.706646	0.424404	104.700989	
2010	69	1300	69.541666667	03/10/2010 13:00	03/10/2010 12:00	1.3865	33.2774	104.7520565	104.704859	0.422605	104.699190	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	69	1400	69.583333333	03/10/2010 14:00	03/10/2010 13:00	1.3805	33.2833	104.7502394	104.703042	0.420776	104.697361	
2010	69	1500	69.625000000	03/10/2010 15:00	03/10/2010 14:00	1.3854	33.2785	104.7517234	104.704526	0.422270	104.698855	
2010	69	1600	69.666666667	03/10/2010 16:00	03/10/2010 15:00	1.381	33.2828	104.7503909	104.703194	0.420929	104.697514	
2010	69	1700	69.708333333	03/10/2010 17:00	03/10/2010 16:00	1.3807	33.2831	104.7503	104.703103	0.420837	104.697422	
2010	69	1800	69.750000000	03/10/2010 18:00	03/10/2010 17:00	1.3816	33.2822	104.7505726	104.703375	0.421112	104.697697	
2010	69	1900	69.791666667	03/10/2010 19:00	03/10/2010 18:00	1.382	33.2818	104.7506937	104.703497	0.421234	104.697819	
2010	69	2000	69.833333333	03/10/2010 20:00	03/10/2010 19:00	1.3864	33.2775	104.7520262	104.704829	0.422575	104.699160	
2010	69	2100	69.875000000	03/10/2010 21:00	03/10/2010 20:00	1.3867	33.2772	104.7521171	104.704920	0.422666	104.699251	
2010	69	2200	69.916666667	03/10/2010 22:00	03/10/2010 21:00	1.3927	33.2712	104.7539342	104.706737	0.424495	104.701080	
2010	69	2300	69.958333333	03/10/2010 23:00	03/10/2010 22:00	1.3968	33.2671	104.7551759	104.707979	0.425745	104.702330	
2010	70	0	70.000000000	03/11/2010 0:00	03/10/2010 23:00	1.4026	33.2614	104.7569324	104.709735	0.427512	104.704098	
2010	70	100	70.041666667	03/11/2010 1:00	03/11/2010 0:00	1.4131	33.2509	104.7601123	104.712915	0.430713	104.707298	
2010	70	200	70.083333333	03/11/2010 2:00	03/11/2010 1:00	1.4295	33.2346	104.765079	104.717882	0.435712	104.712297	
2010	70	300	70.125000000	03/11/2010 3:00	03/11/2010 2:00	1.4412	33.2230	104.7686224	104.721425	0.439278	104.715863	
2010	70	400	70.166666667	03/11/2010 4:00	03/11/2010 3:00	1.4509	33.2134	104.77156	104.724363	0.442234	104.718819	
2010	70	500	70.208333333	03/11/2010 5:00	03/11/2010 4:00	1.4567	33.2076	104.7733165	104.726119	0.444002	104.720587	
2010	70	600	70.250000000	03/11/2010 6:00	03/11/2010 5:00	1.4576	33.2067	104.7735891	104.726392	0.444276	104.720862	
2010	70	700	70.291666667	03/11/2010 7:00	03/11/2010 6:00	1.4557	33.2086	104.7730137	104.725817	0.443697	104.720282	
2010	70	800	70.333333333	03/11/2010 8:00	03/11/2010 7:00	1.446	33.2183	104.7700761	104.722879	0.440741	104.717326	
2010	70	900	70.375000000	03/11/2010 9:00	03/11/2010 8:00	1.4366	33.2276	104.7672293	104.720032	0.437876	104.714461	
2010	70	1000	70.416666667	03/11/2010 10:00	03/11/2010 9:00	1.4276	33.2365	104.7645036	104.717307	0.435132	104.711718	
2010	70	1100	70.458333333	03/11/2010 11:00	03/11/2010 10:00	1.4166	33.2475	104.7611723	104.713975	0.431780	104.708365	
2010	70	1200	70.500000000	03/11/2010 12:00	03/11/2010 11:00	1.4057	33.2583	104.7578712	104.710674	0.428457	104.705042	
2010	70	1300	70.541666667	03/11/2010 13:00	03/11/2010 12:00	1.394	33.2699	104.7543279	104.707131	0.424891	104.701476	
2010	70	1400	70.583333333	03/11/2010 14:00	03/11/2010 13:00	1.3872	33.2767	104.7522685	104.705071	0.422819	104.699404	
2010	70	1500	70.625000000	03/11/2010 15:00	03/11/2010 14:00	1.3787	33.2851	104.7496943	104.702497	0.420228	104.696813	
2010	70	1600	70.666666667	03/11/2010 16:00	03/11/2010 15:00	1.3756	33.2882	104.7487555	104.701558	0.419283	104.695868	
2010	70	1700	70.708333333	03/11/2010 17:00	03/11/2010 16:00	1.3739	33.2899	104.7482406	104.701044	0.418765	104.695350	
2010	70	1800	70.750000000	03/11/2010 18:00	03/11/2010 17:00	1.3748	33.2890	104.7485132	104.701316	0.419039	104.695624	
2010	70	1900	70.791666667	03/11/2010 19:00	03/11/2010 18:00	1.3814	33.2824	104.750512	104.703315	0.421051	104.697636	
2010	70	2000	70.833333333	03/11/2010 20:00	03/11/2010 19:00	1.3921	33.2718	104.7537525	104.706555	0.424312	104.700897	
2010	70	2100	70.875000000	03/11/2010 21:00	03/11/2010 20:00	1.4134	33.2506	104.7602032	104.713006	0.430804	104.707389	
2010	70	2200	70.916666667	03/11/2010 22:00	03/11/2010 21:00	1.431	33.2332	104.7655333	104.718336	0.436169	104.712754	
2010	70	2300	70.958333333	03/11/2010 23:00	03/11/2010 22:00	1.4495	33.2148	104.771136	104.723939	0.441808	104.718393	
2010	71	0	71.000000000	03/12/2010 0:00	03/11/2010 23:00	1.4642	33.2002	104.7755879	104.728391	0.446288	104.722873	
2010	71	100	71.041666667	03/12/2010 1:00	03/12/2010 0:00	1.4771	33.1874	104.7794947	104.732298	0.450220	104.726805	
2010	71	200	71.083333333	03/12/2010 2:00	03/12/2010 1:00	1.4887	33.1758	104.7830077	104.735811	0.453756	104.730341	
2010	71	300	71.125000000	03/12/2010 3:00	03/12/2010 2:00	1.4943	33.1703	104.7847037	104.737507	0.455463	104.732048	
2010	71	400	71.166666667	03/12/2010 4:00	03/12/2010 3:00	1.5011	33.1635	104.7867631	104.739566	0.457535	104.734120	
2010	71	500	71.208333333	03/12/2010 5:00	03/12/2010 4:00	1.5003	33.1643	104.7865208	104.739324	0.457291	104.733876	
2010	71	600	71.250000000	03/12/2010 6:00	03/12/2010 5:00	1.5018	33.1628	104.786975	104.739778	0.457749	104.734334	
2010	71	700	71.291666667	03/12/2010 7:00	03/12/2010 6:00	1.51	33.1547	104.7894584	104.742261	0.460248	104.736833	
2010	71	800	71.333333333	03/12/2010 8:00	03/12/2010 7:00	1.5195	33.1452	104.7923355	104.745138	0.463144	104.739729	
2010	71	900	71.375000000	03/12/2010 9:00	03/12/2010 8:00	1.5296	33.1352	104.7953943	104.748197	0.466222	104.742807	
2010	71	1000	71.416666667	03/12/2010 10:00	03/12/2010 9:00	1.5419	33.1230	104.7991193	104.751922	0.469971	104.746556	
2010	71	1100	71.458333333	03/12/2010 11:00	03/12/2010 10:00	1.5466	33.1183	104.8005427	104.753346	0.471404	104.747989	
2010	71	1200	71.500000000	03/12/2010 12:00	03/12/2010 11:00	1.5541	33.1108	104.8028141	104.755617	0.473690	104.750275	
2010	71	1300	71.541666667	03/12/2010 13:00	03/12/2010 12:00	1.5519	33.1130	104.8021478	104.754951	0.473019	104.749604	
2010	71	1400	71.583333333	03/12/2010 14:00	03/12/2010 13:00	1.5513	33.1136	104.8019661	104.754769	0.472836	104.749421	
2010	71	1500	71.625000000	03/12/2010 15:00	03/12/2010 14:00	1.5285	33.1363	104.7950611	104.747864	0.465887	104.742472	
2010	71	1600	71.666666667	03/12/2010 16:00	03/12/2010 15:00	1.5086	33.1561	104.7890344	104.741837	0.459821	104.736406	
2010	71	1700	71.708333333	03/12/2010 17:00	03/12/2010 16:00	1.4878	33.1767	104.7827352	104.735538	0.453481	104.730066	
2010	71	1800	71.750000000	03/12/2010 18:00	03/12/2010 17:00	1.4805	33.1840	104.7805244	104.733327	0.451256	104.727841	
2010	71	1900	71.791666667	03/12/2010 19:00	03/12/2010 18:00	1.4732	33.1912	104.7783136	104.731116	0.449031	104.725616	
2010	71	2000	71.833333333	03/12/2010 20:00	03/12/2010 19:00	1.4577	33.2066	104.7736194	104.726422	0.444307	104.720892	
2010	71	2100	71.875000000	03/12/2010 21:00	03/12/2010 20:00	1.45	33.2143	104.7712875	104.724090	0.441960	104.718545	
2010	71	2200	71.916666667	03/12/2010 22:00	03/12/2010 21:00	1.4364	33.2278	104.7671687	104.719972	0.437815	104.714400	
2010	71	2300	71.958333333	03/12/2010 23:00	03/12/2010 22:00	1.4269	33.2372	104.7642916	104.717095	0.434919	104.711504	
2010	72	0	72.000000000	03/13/2010 0:00	03/12/2010 23:00	1.4153	33.2488	104.7607786	104.713581	0.431383	104.707968	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	72	100	72.041666667	03/13/2010 1:00	03/13/2010 0:00	1.4126	33.2514	104.7599609	104.712764	0.430560	104.707146	
2010	72	200	72.083333333	03/13/2010 2:00	03/13/2010 1:00	1.4245	33.2396	104.7635648	104.716368	0.434188	104.710773	
2010	72	300	72.125000000	03/13/2010 3:00	03/13/2010 2:00	1.4352	33.2290	104.7668053	104.719608	0.437449	104.714034	
2010	72	400	72.166666667	03/13/2010 4:00	03/13/2010 3:00	1.4461	33.2182	104.7701063	104.722909	0.440771	104.717356	
2010	72	500	72.208333333	03/13/2010 5:00	03/13/2010 4:00	1.4589	33.2054	104.7739828	104.726786	0.444673	104.721258	
2010	72	600	72.250000000	03/13/2010 6:00	03/13/2010 5:00	1.4697	33.1947	104.7772536	104.730056	0.447965	104.724550	
2010	72	700	72.291666667	03/13/2010 7:00	03/13/2010 6:00	1.4824	33.1821	104.7810998	104.733903	0.451836	104.728421	
2010	72	800	72.333333333	03/13/2010 8:00	03/13/2010 7:00	1.4931	33.1715	104.7843403	104.737143	0.455097	104.731682	
2010	72	900	72.375000000	03/13/2010 9:00	03/13/2010 8:00	1.4965	33.1681	104.7853699	104.738173	0.456133	104.732718	
2010	72	1000	72.416666667	03/13/2010 10:00	03/13/2010 9:00	1.4974	33.1672	104.7856425	104.738445	0.456408	104.732993	
2010	72	1100	72.458333333	03/13/2010 11:00	03/13/2010 10:00	1.4897	33.1748	104.7833106	104.736113	0.454061	104.730646	
2010	72	1200	72.500000000	03/13/2010 12:00	03/13/2010 11:00	1.4827	33.1818	104.7811906	104.733994	0.451927	104.728512	
2010	72	1300	72.541666667	03/13/2010 13:00	03/13/2010 12:00	1.4902	33.1743	104.783462	104.736265	0.454213	104.730798	
2010	72	1400	72.583333333	03/13/2010 14:00	03/13/2010 13:00	1.4793	33.1852	104.7801609	104.732964	0.450891	104.727476	
2010	72	1500	72.625000000	03/13/2010 15:00	03/13/2010 14:00	1.4723	33.1921	104.778041	104.730844	0.448757	104.725342	
2010	72	1600	72.666666667	03/13/2010 16:00	03/13/2010 15:00	1.4726	33.1918	104.7781318	104.730935	0.448848	104.725434	
2010	72	1700	72.708333333	03/13/2010 17:00	03/13/2010 16:00	1.46	33.2043	104.7743159	104.727119	0.445008	104.721593	
2010	72	1800	72.750000000	03/13/2010 18:00	03/13/2010 17:00	1.456	33.2083	104.7731046	104.725907	0.443789	104.720374	
2010	72	1900	72.791666667	03/13/2010 19:00	03/13/2010 18:00	1.4541	33.2102	104.7725291	104.725332	0.443210	104.719795	
2010	72	2000	72.833333333	03/13/2010 20:00	03/13/2010 19:00	1.4509	33.2134	104.77156	104.724363	0.442234	104.718819	
2010	72	2100	72.875000000	03/13/2010 21:00	03/13/2010 20:00	1.4509	33.2134	104.77156	104.724363	0.442234	104.718819	
2010	72	2200	72.916666667	03/13/2010 22:00	03/13/2010 21:00	1.4536	33.2107	104.7723777	104.725181	0.443057	104.719642	
2010	72	2300	72.958333333	03/13/2010 23:00	03/13/2010 22:00	1.4565	33.2078	104.773256	104.726059	0.443941	104.720526	
2010	73	0	73.000000000	03/14/2010 0:00	03/13/2010 23:00	1.4584	33.2059	104.7738314	104.726634	0.444520	104.721105	
2010	73	100	73.041666667	03/14/2010 1:00	03/14/2010 0:00	1.4628	33.2016	104.7751639	104.727967	0.445861	104.722446	
2010	73	200	73.083333333	03/14/2010 2:00	03/14/2010 1:00	1.4627	33.2017	104.7751336	104.727937	0.445831	104.722416	
2010	73	300	73.125000000	03/14/2010 3:00	03/14/2010 2:00	1.4649	33.1995	104.7757999	104.728603	0.446502	104.723087	
2010	73	400	73.166666667	03/14/2010 4:00	03/14/2010 3:00	1.4671	33.1973	104.7764662	104.729269	0.447172	104.723757	
2010	73	500	73.208333333	03/14/2010 5:00	03/14/2010 4:00	1.4639	33.2005	104.7754971	104.728300	0.446197	104.722782	
2010	73	600	73.250000000	03/14/2010 6:00	03/14/2010 5:00	1.4602	33.2041	104.7743765	104.727179	0.445069	104.721654	
2010	73	700	73.291666667	03/14/2010 7:00	03/14/2010 6:00	1.4556	33.2087	104.7729834	104.725786	0.443667	104.720252	
2010	73	800	73.333333333	03/14/2010 8:00	03/14/2010 7:00	1.4497	33.2146	104.7711966	104.723999	0.441869	104.718454	
2010	73	900	73.375000000	03/14/2010 9:00	03/14/2010 8:00	1.4425	33.2217	104.7690161	104.721819	0.439674	104.716259	
2010	73	1000	73.416666667	03/14/2010 10:00	03/14/2010 9:00	1.4374	33.2268	104.7674716	104.720274	0.438120	104.714705	
2010	73	1100	73.458333333	03/14/2010 11:00	03/14/2010 10:00	1.4313	33.2329	104.7656242	104.718427	0.436260	104.712845	
2010	73	1200	73.500000000	03/14/2010 12:00	03/14/2010 11:00	1.4278	33.2363	104.7645642	104.717367	0.435193	104.711778	
2010	73	1300	73.541666667	03/14/2010 13:00	03/14/2010 12:00	1.4239	33.2402	104.7633831	104.716186	0.434005	104.710590	
2010	73	1400	73.583333333	03/14/2010 14:00	03/14/2010 13:00	1.4181	33.2460	104.7616266	104.714429	0.432237	104.708822	
2010	73	1500	73.625000000	03/14/2010 15:00	03/14/2010 14:00	1.4154	33.2487	104.7608089	104.713612	0.431414	104.707999	
2010	73	1600	73.666666667	03/14/2010 16:00	03/14/2010 15:00	1.4106	33.2534	104.7593552	104.712158	0.429951	104.706536	
2010	73	1700	73.708333333	03/14/2010 17:00	03/14/2010 16:00	1.4072	33.2568	104.7583255	104.711128	0.428915	104.705500	
2010	73	1800	73.750000000	03/14/2010 18:00	03/14/2010 17:00	1.4008	33.2632	104.7563873	104.709190	0.426964	104.703549	
2010	73	1900	73.791666667	03/14/2010 19:00	03/14/2010 18:00	1.3928	33.2711	104.7539645	104.706767	0.424525	104.701110	
2010	73	2000	73.833333333	03/14/2010 20:00	03/14/2010 19:00	1.3857	33.2782	104.7518142	104.704617	0.422361	104.698946	
2010	73	2100	73.875000000	03/14/2010 21:00	03/14/2010 20:00	1.3715	33.2923	104.7475138	104.700317	0.418033	104.694618	
2010	73	2200	73.916666667	03/14/2010 22:00	03/14/2010 21:00	1.3605	33.3032	104.7441824	104.696985	0.414680	104.691265	
2010	73	2300	73.958333333	03/14/2010 23:00	03/14/2010 22:00	1.3459	33.3177	104.7397608	104.692564	0.410230	104.686815	
2010	74	0	74.000000000	03/15/2010 0:00	03/14/2010 23:00	1.3346	33.3289	104.7363386	104.689142	0.406786	104.683371	
2010	74	100	74.041666667	03/15/2010 1:00	03/15/2010 0:00	1.3258	33.3377	104.7336736	104.686476	0.404104	104.680689	
2010	74	200	74.083333333	03/15/2010 2:00	03/15/2010 1:00	1.3156	33.3478	104.7305845	104.683387	0.400995	104.677580	
2010	74	300	74.125000000	03/15/2010 3:00	03/15/2010 2:00	1.3049	33.3585	104.727344	104.680147	0.397734	104.674319	
2010	74	400	74.166666667	03/15/2010 4:00	03/15/2010 3:00	1.2991	33.3642	104.7255875	104.678390	0.395966	104.672551	
2010	74	500	74.208333333	03/15/2010 5:00	03/15/2010 4:00	1.2902	33.3731	104.7228921	104.675695	0.393253	104.669838	
2010	74	600	74.250000000	03/15/2010 6:00	03/15/2010 5:00	1.2836	33.3796	104.7208933	104.673696	0.391241	104.667826	
2010	74	700	74.291666667	03/15/2010 7:00	03/15/2010 6:00	1.2729	33.3902	104.7176528	104.670456	0.387980	104.664565	
2010	74	800	74.333333333	03/15/2010 8:00	03/15/2010 7:00	1.2665	33.3966	104.7157146	104.668518	0.386029	104.662614	
2010	74	900	74.375000000	03/15/2010 9:00	03/15/2010 8:00	1.2629	33.4002	104.7146244	104.667427	0.384932	104.661517	
2010	74	1000	74.416666667	03/15/2010 10:00	03/15/2010 9:00	1.2549	33.4081	104.7122016	104.665004	0.382494	104.659079	
2010	74	1100	74.458333333	03/15/2010 11:00	03/15/2010 10:00	1.2531	33.4099	104.7116564	104.664459	0.381945	104.658530	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	74	1200	74.500000000	03/15/2010 12:00	03/15/2010 11:00	1.2527	33.4103	104.7115353	104.664338	0.381823	104.658408	
2010	74	1300	74.541666667	03/15/2010 13:00	03/15/2010 12:00	1.2507	33.4123	104.7109296	104.663732	0.381213	104.657798	
2010	74	1400	74.583333333	03/15/2010 14:00	03/15/2010 13:00	1.2466	33.4164	104.7096879	104.662491	0.379964	104.656549	
2010	74	1500	74.625000000	03/15/2010 15:00	03/15/2010 14:00	1.2515	33.4115	104.7111719	104.663975	0.381457	104.658042	
2010	74	1600	74.666666667	03/15/2010 16:00	03/15/2010 15:00	1.2439	33.4191	104.7088702	104.661673	0.379141	104.655726	
2010	74	1700	74.708333333	03/15/2010 17:00	03/15/2010 16:00	1.2391	33.4238	104.7074165	104.660219	0.377678	104.654263	
2010	74	1800	74.750000000	03/15/2010 18:00	03/15/2010 17:00	1.2371	33.4258	104.7068108	104.659614	0.377068	104.653653	
2010	74	1900	74.791666667	03/15/2010 19:00	03/15/2010 18:00	1.2356	33.4273	104.7063566	104.659159	0.376611	104.653196	
2010	74	2000	74.833333333	03/15/2010 20:00	03/15/2010 19:00	1.2362	33.4267	104.7065383	104.659341	0.376794	104.653379	
2010	74	2100	74.875000000	03/15/2010 21:00	03/15/2010 20:00	1.2326	33.4303	104.705448	104.658251	0.375696	104.652282	
2010	74	2200	74.916666667	03/15/2010 22:00	03/15/2010 21:00	1.2297	33.4332	104.7045698	104.657373	0.374813	104.651398	
2010	74	2300	74.958333333	03/15/2010 23:00	03/15/2010 22:00	1.2258	33.4370	104.7033886	104.656192	0.373624	104.650209	
2010	75	0	75.000000000	03/16/2010 0:00	03/15/2010 23:00	1.2224	33.4404	104.702359	104.655162	0.372588	104.649173	
2010	75	100	75.041666667	03/16/2010 1:00	03/16/2010 0:00	1.2221	33.4407	104.7022681	104.655071	0.372496	104.649081	
2010	75	200	75.083333333	03/16/2010 2:00	03/16/2010 1:00	1.2223	33.4405	104.7023287	104.655132	0.372557	104.649142	
2010	75	300	75.125000000	03/16/2010 3:00	03/16/2010 2:00	1.2257	33.4371	104.7033584	104.656161	0.373593	104.650178	
2010	75	400	75.166666667	03/16/2010 4:00	03/16/2010 3:00	1.2247	33.4381	104.7030555	104.655858	0.373289	104.649874	
2010	75	500	75.208333333	03/16/2010 5:00	03/16/2010 4:00	1.2232	33.4396	104.7026012	104.655404	0.372831	104.649416	
2010	75	600	75.250000000	03/16/2010 6:00	03/16/2010 5:00	1.2212	33.4416	104.7019955	104.654798	0.372222	104.648807	
2010	75	700	75.291666667	03/16/2010 7:00	03/16/2010 6:00	1.2154	33.4474	104.700239	104.653042	0.370454	104.647039	
2010	75	800	75.333333333	03/16/2010 8:00	03/16/2010 7:00	1.2104	33.4523	104.6987248	104.651528	0.368930	104.645515	
2010	75	900	75.375000000	03/16/2010 9:00	03/16/2010 8:00	1.2047	33.4580	104.6969985	104.649801	0.367193	104.643778	
2010	75	1000	75.416666667	03/16/2010 10:00	03/16/2010 9:00	1.1943	33.4683	104.6938489	104.646652	0.364023	104.640608	
2010	75	1100	75.458333333	03/16/2010 11:00	03/16/2010 10:00	1.1912	33.4714	104.6929101	104.645713	0.363078	104.639663	
2010	75	1200	75.500000000	03/16/2010 12:00	03/16/2010 11:00	1.1818	33.4808	104.6900633	104.642866	0.360213	104.636798	
2010	75	1300	75.541666667	03/16/2010 13:00	03/16/2010 12:00	1.1792	33.4833	104.6892759	104.642079	0.359420	104.636005	
2010	75	1400	75.583333333	03/16/2010 14:00	03/16/2010 13:00	1.1751	33.4874	104.6880342	104.640837	0.358170	104.634756	
2010	75	1500	75.625000000	03/16/2010 15:00	03/16/2010 14:00	1.1729	33.4896	104.6873679	104.640171	0.357500	104.634085	
2010	75	1600	75.666666667	03/16/2010 16:00	03/16/2010 15:00	1.1669	33.4956	104.6855508	104.638354	0.355671	104.632256	
2010	75	1700	75.708333333	03/16/2010 17:00	03/16/2010 16:00	1.1855	33.4771	104.6911838	104.643987	0.361340	104.637925	
2010	75	1800	75.750000000	03/16/2010 18:00	03/16/2010 17:00	1.179	33.4835	104.6892153	104.642018	0.359359	104.635944	
2010	75	1900	75.791666667	03/16/2010 19:00	03/16/2010 18:00	1.1709	33.4916	104.6867622	104.639565	0.356890	104.633475	
2010	75	2000	75.833333333	03/16/2010 20:00	03/16/2010 19:00	1.1558	33.5066	104.6821892	104.634992	0.352288	104.628873	
2010	75	2100	75.875000000	03/16/2010 21:00	03/16/2010 20:00	1.1607	33.5017	104.6836732	104.636476	0.353781	104.630366	
2010	75	2200	75.916666667	03/16/2010 22:00	03/16/2010 21:00	1.164	33.4984	104.6846726	104.637475	0.354787	104.631372	
2010	75	2300	75.958333333	03/16/2010 23:00	03/16/2010 22:00	1.1669	33.4956	104.6855508	104.638354	0.355671	104.632256	
2010	76	0	76.000000000	03/17/2010 0:00	03/16/2010 23:00	1.1691	33.4934	104.6862171	104.639020	0.356342	104.632927	
2010	76	100	76.041666667	03/17/2010 1:00	03/17/2010 0:00	1.177	33.4855	104.6886096	104.641412	0.358750	104.635335	
2010	76	200	76.083333333	03/17/2010 2:00	03/17/2010 1:00	1.1825	33.4801	104.6902753	104.643078	0.360426	104.637011	
2010	76	300	76.125000000	03/17/2010 3:00	03/17/2010 2:00	1.1932	33.4694	104.6935158	104.646319	0.363687	104.640272	
2010	76	400	76.166666667	03/17/2010 4:00	03/17/2010 3:00	1.1992	33.4635	104.6953329	104.648136	0.365516	104.642101	
2010	76	500	76.208333333	03/17/2010 5:00	03/17/2010 4:00	1.2055	33.4572	104.6972408	104.650044	0.367436	104.644021	
2010	76	600	76.250000000	03/17/2010 6:00	03/17/2010 5:00	1.2067	33.4560	104.6976042	104.650407	0.367802	104.644387	
2010	76	700	76.291666667	03/17/2010 7:00	03/17/2010 6:00	1.2057	33.4570	104.6973014	104.650104	0.367497	104.644082	
2010	76	800	76.333333333	03/17/2010 8:00	03/17/2010 7:00	1.1977	33.4650	104.6948786	104.647681	0.365059	104.641644	
2010	76	900	76.375000000	03/17/2010 9:00	03/17/2010 8:00	1.1857	33.4769	104.6912444	104.644047	0.361401	104.637986	
2010	76	1000	76.416666667	03/17/2010 10:00	03/17/2010 9:00	1.1773	33.4852	104.6887005	104.641503	0.358841	104.635426	
2010	76	1100	76.458333333	03/17/2010 11:00	03/17/2010 10:00	1.1689	33.4936	104.6861565	104.638959	0.356281	104.632866	
2010	76	1200	76.500000000	03/17/2010 12:00	03/17/2010 11:00	1.1609	33.5015	104.6837337	104.636537	0.353842	104.630427	
2010	76	1300	76.541666667	03/17/2010 13:00	03/17/2010 12:00	1.1568	33.5056	104.682492	104.635295	0.352593	104.629178	
2010	76	1400	76.583333333	03/17/2010 14:00	03/17/2010 13:00	1.1597	33.5027	104.6833703	104.636173	0.353477	104.630062	
2010	76	1500	76.625000000	03/17/2010 15:00	03/17/2010 14:00	1.1556	33.5068	104.6821286	104.634932	0.352227	104.628812	
2010	76	1600	76.666666667	03/17/2010 16:00	03/17/2010 15:00	1.15	33.5124	104.6804327	104.633236	0.350520	104.627105	
2010	76	1700	76.708333333	03/17/2010 17:00	03/17/2010 16:00	1.1527	33.5097	104.6812504	104.634053	0.351343	104.627928	
2010	76	1800	76.750000000	03/17/2010 18:00	03/17/2010 17:00	1.1469	33.5154	104.6794938	104.632297	0.349575	104.626160	
2010	76	1900	76.791666667	03/17/2010 19:00	03/17/2010 18:00	1.1437	33.5186	104.6785247	104.631328	0.348600	104.625185	
2010	76	2000	76.833333333	03/17/2010 20:00	03/17/2010 19:00	1.136	33.5263	104.6761928	104.628996	0.346253	104.622838	
2010	76	2100	76.875000000	03/17/2010 21:00	03/17/2010 20:00	1.1312	33.5310	104.6747391	104.627542	0.344790	104.621375	
2010	76	2200	76.916666667	03/17/2010 22:00	03/17/2010 21:00	1.1195	33.5427	104.6711958	104.623999	0.341224	104.617809	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	76	2300	76.958333333	03/17/2010 23:00	03/17/2010 22:00	1.1124	33.5497	104.6690455	104.621848	0.339060	104.615645	
2010	77	0	77.000000000	03/18/2010 0:00	03/17/2010 23:00	1.1027	33.5594	104.6661079	104.618911	0.336103	104.612688	
2010	77	100	77.041666667	03/18/2010 1:00	03/18/2010 0:00	1.0979	33.5641	104.6646542	104.617457	0.334640	104.611225	
2010	77	200	77.083333333	03/18/2010 2:00	03/18/2010 1:00	1.0923	33.5697	104.6629583	104.615761	0.332933	104.609518	
2010	77	300	77.125000000	03/18/2010 3:00	03/18/2010 2:00	1.0878	33.5742	104.6615954	104.614398	0.331561	104.608146	
2010	77	400	77.166666667	03/18/2010 4:00	03/18/2010 3:00	1.0812	33.5807	104.6595966	104.612400	0.329550	104.606135	
2010	77	500	77.208333333	03/18/2010 5:00	03/18/2010 4:00	1.0764	33.5855	104.658143	104.610946	0.328087	104.604672	
2010	77	600	77.250000000	03/18/2010 6:00	03/18/2010 5:00	1.0709	33.5910	104.6564773	104.609280	0.326410	104.602995	
2010	77	700	77.291666667	03/18/2010 7:00	03/18/2010 6:00	1.0669	33.5949	104.6552659	104.608069	0.325191	104.601776	
2010	77	800	77.333333333	03/18/2010 8:00	03/18/2010 7:00	1.0595	33.6023	104.6530248	104.605828	0.322936	104.599521	
2010	77	900	77.375000000	03/18/2010 9:00	03/18/2010 8:00	1.0548	33.6070	104.6516014	104.604404	0.321503	104.598088	
2010	77	1000	77.416666667	03/18/2010 10:00	03/18/2010 9:00	1.0468	33.6149	104.6491786	104.601982	0.319065	104.595650	
2010	77	1100	77.458333333	03/18/2010 11:00	03/18/2010 10:00	1.0411	33.6206	104.6474524	104.600255	0.317327	104.593912	
2010	77	1200	77.500000000	03/18/2010 12:00	03/18/2010 11:00	1.0361	33.6255	104.6459381	104.598741	0.315803	104.592388	
2010	77	1300	77.541666667	03/18/2010 13:00	03/18/2010 12:00	1.0254	33.6362	104.6426977	104.595501	0.312542	104.589127	
2010	77	1400	77.583333333	03/18/2010 14:00	03/18/2010 13:00	1.0187	33.6428	104.6406686	104.593471	0.310500	104.587085	
2010	77	1500	77.625000000	03/18/2010 15:00	03/18/2010 14:00	1.0153	33.6462	104.6396389	104.592442	0.309463	104.586048	
2010	77	1600	77.666666667	03/18/2010 16:00	03/18/2010 15:00	1.0076	33.6538	104.6373069	104.590110	0.307116	104.583702	
2010	77	1700	77.708333333	03/18/2010 17:00	03/18/2010 16:00	1.0056	33.6558	104.6367012	104.589504	0.306507	104.583092	
2010	77	1800	77.750000000	03/18/2010 18:00	03/18/2010 17:00	1.0037	33.6577	104.6361258	104.588929	0.305928	104.582513	
2010	77	1900	77.791666667	03/18/2010 19:00	03/18/2010 18:00	1.0081	33.6534	104.6374584	104.590261	0.307269	104.583854	
2010	77	2000	77.833333333	03/18/2010 20:00	03/18/2010 19:00	0.9954	33.6660	104.6336122	104.586415	0.303398	104.579983	
2010	77	2100	77.875000000	03/18/2010 21:00	03/18/2010 20:00	0.9957	33.6657	104.633703	104.586506	0.303489	104.580074	
2010	77	2200	77.916666667	03/18/2010 22:00	03/18/2010 21:00	0.9989	33.6625	104.6346721	104.587475	0.304465	104.581050	
2010	77	2300	77.958333333	03/18/2010 23:00	03/18/2010 22:00	1.0042	33.6572	104.6362772	104.589080	0.306080	104.582665	
2010	78	0	78.000000000	03/19/2010 0:00	03/18/2010 23:00	1.0077	33.6537	104.6373372	104.590140	0.307147	104.583732	
2010	78	100	78.041666667	03/19/2010 1:00	03/19/2010 0:00	1.0108	33.6507	104.6382761	104.591079	0.308092	104.584677	
2010	78	200	78.083333333	03/19/2010 2:00	03/19/2010 1:00	1.0223	33.6392	104.6417588	104.594562	0.311597	104.588182	
2010	78	300	78.125000000	03/19/2010 3:00	03/19/2010 2:00	1.0225	33.6390	104.6418194	104.594622	0.311658	104.588243	
2010	78	400	78.166666667	03/19/2010 4:00	03/19/2010 3:00	1.0273	33.6343	104.6432731	104.596076	0.313121	104.589706	
2010	78	500	78.208333333	03/19/2010 5:00	03/19/2010 4:00	1.0351	33.6265	104.6456353	104.598438	0.315498	104.592084	
2010	78	600	78.250000000	03/19/2010 6:00	03/19/2010 5:00	1.0382	33.6234	104.6465741	104.599377	0.316443	104.593028	
2010	78	700	78.291666667	03/19/2010 7:00	03/19/2010 6:00	1.0438	33.6179	104.6482701	104.601073	0.318150	104.594735	
2010	78	800	78.333333333	03/19/2010 8:00	03/19/2010 7:00	1.0517	33.6100	104.6506626	104.603465	0.320558	104.597143	
2010	78	900	78.375000000	03/19/2010 9:00	03/19/2010 8:00	1.0581	33.6037	104.6526008	104.605404	0.322509	104.599094	
2010	78	1000	78.416666667	03/19/2010 10:00	03/19/2010 9:00	1.0662	33.5956	104.6550539	104.607857	0.324978	104.601563	
2010	78	1100	78.458333333	03/19/2010 11:00	03/19/2010 10:00	1.0714	33.5905	104.6566287	104.609432	0.326563	104.603148	
2010	78	1200	78.500000000	03/19/2010 12:00	03/19/2010 11:00	1.0799	33.5820	104.6592029	104.612006	0.329154	104.605739	
2010	78	1300	78.541666667	03/19/2010 13:00	03/19/2010 12:00	1.0932	33.5688	104.6632308	104.616034	0.333207	104.609792	
2010	78	1400	78.583333333	03/19/2010 14:00	03/19/2010 13:00	1.1153	33.5468	104.6699238	104.622727	0.339943	104.616528	
2010	78	1500	78.625000000	03/19/2010 15:00	03/19/2010 14:00	1.1287	33.5335	104.673982	104.626785	0.344028	104.620613	
2010	78	1600	78.666666667	03/19/2010 16:00	03/19/2010 15:00	1.1471	33.5152	104.6795544	104.632357	0.349636	104.626221	
2010	78	1700	78.708333333	03/19/2010 17:00	03/19/2010 16:00	1.1663	33.4962	104.6853691	104.638172	0.355488	104.632073	
2010	78	1800	78.750000000	03/19/2010 18:00	03/19/2010 17:00	1.1858	33.4768	104.6912747	104.644078	0.361432	104.638017	
2010	78	1900	78.791666667	03/19/2010 19:00	03/19/2010 18:00	1.1974	33.4653	104.6947877	104.647591	0.364968	104.641553	
2010	78	2000	78.833333333	03/19/2010 20:00	03/19/2010 19:00	1.2097	33.4530	104.6985128	104.651316	0.368717	104.645302	
2010	78	2100	78.875000000	03/19/2010 21:00	03/19/2010 20:00	1.221	33.4418	104.701935	104.654738	0.372161	104.648746	
2010	78	2200	78.916666667	03/19/2010 22:00	03/19/2010 21:00	1.2253	33.4375	104.7032372	104.656040	0.373471	104.650056	
2010	78	2300	78.958333333	03/19/2010 23:00	03/19/2010 22:00	1.2294	33.4335	104.7044789	104.657282	0.374721	104.651306	
2010	79	0	79.000000000	03/20/2010 0:00	03/19/2010 23:00	1.2289	33.4340	104.7043275	104.657130	0.374569	104.651154	
2010	79	100	79.041666667	03/20/2010 1:00	03/20/2010 0:00	1.2264	33.4364	104.7035704	104.656373	0.373807	104.650392	
2010	79	200	79.083333333	03/20/2010 2:00	03/20/2010 1:00	1.2237	33.4391	104.7027527	104.655556	0.372984	104.649569	
2010	79	300	79.125000000	03/20/2010 3:00	03/20/2010 2:00	1.2147	33.4481	104.700027	104.652830	0.370241	104.646826	
2010	79	400	79.166666667	03/20/2010 4:00	03/20/2010 3:00	1.2076	33.4551	104.6978768	104.650680	0.368076	104.644662	
2010	79	500	79.208333333	03/20/2010 5:00	03/20/2010 4:00	1.2037	33.4590	104.6966957	104.649499	0.366888	104.643473	
2010	79	600	79.250000000	03/20/2010 6:00	03/20/2010 5:00	1.1982	33.4645	104.69503	104.647833	0.365211	104.641796	
2010	79	700	79.291666667	03/20/2010 7:00	03/20/2010 6:00	1.1941	33.4685	104.6937883	104.646591	0.363962	104.640547	
2010	79	800	79.333333333	03/20/2010 8:00	03/20/2010 7:00	1.1852	33.4774	104.691093	104.643896	0.361249	104.637834	
2010	79	900	79.375000000	03/20/2010 9:00	03/20/2010 8:00	1.1824	33.4802	104.690245	104.643048	0.360396	104.636981	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	79	1000	79.416666667	03/20/2010 10:00	03/20/2010 9:00	1.1781	33.4844	104.6889427	104.641746	0.359085	104.635670	
2010	79	1100	79.458333333	03/20/2010 11:00	03/20/2010 10:00	1.1737	33.4888	104.6876102	104.640413	0.357744	104.634329	
2010	79	1200	79.500000000	03/20/2010 12:00	03/20/2010 11:00	1.1615	33.5009	104.6839154	104.636718	0.354025	104.630610	
2010	79	1300	79.541666667	03/20/2010 13:00	03/20/2010 12:00	1.1581	33.5043	104.6828858	104.635689	0.352989	104.629574	
2010	79	1400	79.583333333	03/20/2010 14:00	03/20/2010 13:00	1.1548	33.5076	104.6818863	104.634689	0.351983	104.628568	
2010	79	1500	79.625000000	03/20/2010 15:00	03/20/2010 14:00	1.1568	33.5056	104.682492	104.635295	0.352593	104.629178	
2010	79	1600	79.666666667	03/20/2010 16:00	03/20/2010 15:00	1.1546	33.5078	104.6818258	104.634629	0.351922	104.628507	
2010	79	1700	79.708333333	03/20/2010 17:00	03/20/2010 16:00	1.1556	33.5068	104.6821286	104.634932	0.352227	104.628812	
2010	79	1800	79.750000000	03/20/2010 18:00	03/20/2010 17:00	1.1577	33.5047	104.6827646	104.635568	0.352867	104.629452	
2010	79	1900	79.791666667	03/20/2010 19:00	03/20/2010 18:00	1.1582	33.5042	104.682916	104.635719	0.353019	104.629604	
2010	79	2000	79.833333333	03/20/2010 20:00	03/20/2010 19:00	1.1569	33.5055	104.6825223	104.635325	0.352623	104.629208	
2010	79	2100	79.875000000	03/20/2010 21:00	03/20/2010 20:00	1.1554	33.5070	104.6820681	104.634871	0.352166	104.628751	
2010	79	2200	79.916666667	03/20/2010 22:00	03/20/2010 21:00	1.1546	33.5078	104.6818258	104.634629	0.351922	104.628507	
2010	79	2300	79.958333333	03/20/2010 23:00	03/20/2010 22:00	1.1491	33.5133	104.6801601	104.632963	0.350246	104.626831	
2010	80	0	80.000000000	03/21/2010 0:00	03/20/2010 23:00	1.1469	33.5154	104.6794938	104.632297	0.349575	104.626160	
2010	80	100	80.041666667	03/21/2010 1:00	03/21/2010 0:00	1.1478	33.5145	104.6797664	104.632569	0.349849	104.626434	
2010	80	200	80.083333333	03/21/2010 2:00	03/21/2010 1:00	1.1467	33.5156	104.6794333	104.632236	0.349514	104.626099	
2010	80	300	80.125000000	03/21/2010 3:00	03/21/2010 2:00	1.1498	33.5126	104.6803721	104.633175	0.350459	104.627044	
2010	80	400	80.166666667	03/21/2010 4:00	03/21/2010 3:00	1.1527	33.5097	104.6812504	104.634053	0.351343	104.627928	
2010	80	500	80.208333333	03/21/2010 5:00	03/21/2010 4:00	1.1546	33.5078	104.6818258	104.634629	0.351922	104.628507	
2010	80	600	80.250000000	03/21/2010 6:00	03/21/2010 5:00	1.1585	33.5039	104.6830069	104.635810	0.353111	104.629696	
2010	80	700	80.291666667	03/21/2010 7:00	03/21/2010 6:00	1.1651	33.4974	104.6850057	104.637809	0.355122	104.631708	
2010	80	800	80.333333333	03/21/2010 8:00	03/21/2010 7:00	1.1697	33.4928	104.6863988	104.639202	0.356525	104.633110	
2010	80	900	80.375000000	03/21/2010 9:00	03/21/2010 8:00	1.1751	33.4874	104.6880342	104.640837	0.358170	104.634756	
2010	80	1000	80.416666667	03/21/2010 10:00	03/21/2010 9:00	1.1819	33.4807	104.6900936	104.642896	0.360243	104.636828	
2010	80	1100	80.458333333	03/21/2010 11:00	03/21/2010 10:00	1.1834	33.4792	104.6905478	104.643351	0.360700	104.637285	
2010	80	1200	80.500000000	03/21/2010 12:00	03/21/2010 11:00	1.1843	33.4783	104.6908204	104.643623	0.360975	104.637560	
2010	80	1300	80.541666667	03/21/2010 13:00	03/21/2010 12:00	1.1882	33.4744	104.6920015	104.644804	0.362163	104.638748	
2010	80	1400	80.583333333	03/21/2010 14:00	03/21/2010 13:00	1.1931	33.4695	104.6934855	104.646288	0.363657	104.640242	
2010	80	1500	80.625000000	03/21/2010 15:00	03/21/2010 14:00	1.1955	33.4672	104.6942123	104.647015	0.364388	104.640973	
2010	80	1600	80.666666667	03/21/2010 16:00	03/21/2010 15:00	1.1959	33.4668	104.6943335	104.647136	0.364510	104.641095	
2010	80	1700	80.708333333	03/21/2010 17:00	03/21/2010 16:00	1.1975	33.4652	104.694818	104.647621	0.364998	104.641583	
2010	80	1800	80.750000000	03/21/2010 18:00	03/21/2010 17:00	1.1965	33.4662	104.6945152	104.647318	0.364693	104.641278	
2010	80	1900	80.791666667	03/21/2010 19:00	03/21/2010 18:00	1.194	33.4686	104.693758	104.646561	0.363931	104.640516	
2010	80	2000	80.833333333	03/21/2010 20:00	03/21/2010 19:00	1.1947	33.4679	104.69397	104.646773	0.364145	104.640730	
2010	80	2100	80.875000000	03/21/2010 21:00	03/21/2010 20:00	1.1958	33.4669	104.6943032	104.647106	0.364480	104.641065	
2010	80	2200	80.916666667	03/21/2010 22:00	03/21/2010 21:00	1.2005	33.4622	104.6957266	104.648529	0.365912	104.642497	
2010	80	2300	80.958333333	03/21/2010 23:00	03/21/2010 22:00	1.2019	33.4608	104.6961505	104.648953	0.366339	104.642924	
2010	81	0	81.000000000	03/22/2010 0:00	03/21/2010 23:00	1.2022	33.4605	104.6962414	104.649044	0.366431	104.643016	
2010	81	100	81.041666667	03/22/2010 1:00	03/22/2010 0:00	1.1997	33.4630	104.6954843	104.648287	0.365669	104.642254	
2010	81	200	81.083333333	03/22/2010 2:00	03/22/2010 1:00	1.2025	33.4602	104.6963323	104.649135	0.366522	104.643107	
2010	81	300	81.125000000	03/22/2010 3:00	03/22/2010 2:00	1.2016	33.4611	104.6960597	104.648863	0.366248	104.642833	
2010	81	400	81.166666667	03/22/2010 4:00	03/22/2010 3:00	1.2016	33.4611	104.6960597	104.648863	0.366248	104.642833	
2010	81	500	81.208333333	03/22/2010 5:00	03/22/2010 4:00	1.1997	33.4630	104.6954843	104.648287	0.365669	104.642254	
2010	81	600	81.250000000	03/22/2010 6:00	03/22/2010 5:00	1.1996	33.4631	104.695454	104.648257	0.365638	104.642223	
2010	81	700	81.291666667	03/22/2010 7:00	03/22/2010 6:00	1.1979	33.4648	104.6949392	104.647742	0.365120	104.641705	
2010	81	800	81.333333333	03/22/2010 8:00	03/22/2010 7:00	1.1948	33.4678	104.6940003	104.646803	0.364175	104.640760	
2010	81	900	81.375000000	03/22/2010 9:00	03/22/2010 8:00	1.1932	33.4694	104.6935158	104.646319	0.363687	104.640272	
2010	81	1000	81.416666667	03/22/2010 10:00	03/22/2010 9:00	1.1933	33.4693	104.693546	104.646349	0.363718	104.640303	
2010	81	1100	81.458333333	03/22/2010 11:00	03/22/2010 10:00	1.1902	33.4724	104.6926072	104.645410	0.362773	104.639358	
2010	81	1200	81.500000000	03/22/2010 12:00	03/22/2010 11:00	1.1909	33.4717	104.6928192	104.645622	0.362986	104.639571	
2010	81	1300	81.541666667	03/22/2010 13:00	03/22/2010 12:00	1.1888	33.4738	104.6921832	104.644986	0.362346	104.638931	
2010	81	1400	81.583333333	03/22/2010 14:00	03/22/2010 13:00	1.174	33.4885	104.6877011	104.640504	0.357835	104.634420	
2010	81	1500	81.625000000	03/22/2010 15:00	03/22/2010 14:00	1.174	33.4885	104.6877011	104.640504	0.357835	104.634420	
2010	81	1600	81.666666667	03/22/2010 16:00	03/22/2010 15:00	1.1614	33.5010	104.6838852	104.636688	0.353995	104.630580	
2010	81	1700	81.708333333	03/22/2010 17:00	03/22/2010 16:00	1.1548	33.5076	104.6818863	104.634689	0.351983	104.628568	
2010	81	1800	81.750000000	03/22/2010 18:00	03/22/2010 17:00	1.1471	33.5152	104.6795544	104.632357	0.349636	104.626221	
2010	81	1900	81.791666667	03/22/2010 19:00	03/22/2010 18:00	1.1379	33.5244	104.6767682	104.629571	0.346832	104.623417	
2010	81	2000	81.833333333	03/22/2010 20:00	03/22/2010 19:00	1.1247	33.5375	104.6727706	104.625573	0.342809	104.619394	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	81	2100	81.875000000	03/22/2010 21:00	03/22/2010 20:00	1.1156	33.5465	104.6700147	104.622818	0.340035	104.616620	
2010	81	2200	81.916666667	03/22/2010 22:00	03/22/2010 21:00	1.1081	33.5540	104.6677433	104.620546	0.337749	104.614334	
2010	81	2300	81.958333333	03/22/2010 23:00	03/22/2010 22:00	1.0998	33.5622	104.6652296	104.618033	0.335219	104.611804	
2010	82	0	82.000000000	03/23/2010 0:00	03/22/2010 23:00	1.0891	33.5729	104.6619892	104.614792	0.331958	104.608543	
2010	82	100	82.041666667	03/23/2010 1:00	03/23/2010 0:00	1.0818	33.5801	104.6597784	104.612581	0.329733	104.606318	
2010	82	200	82.083333333	03/23/2010 2:00	03/23/2010 1:00	1.0731	33.5888	104.6571436	104.609946	0.327081	104.603666	
2010	82	300	82.125000000	03/23/2010 3:00	03/23/2010 2:00	1.0663	33.5955	104.6550842	104.607887	0.325008	104.601593	
2010	82	400	82.166666667	03/23/2010 4:00	03/23/2010 3:00	1.0558	33.6060	104.6519043	104.604707	0.321808	104.598393	
2010	82	500	82.208333333	03/23/2010 5:00	03/23/2010 4:00	1.0509	33.6108	104.6504203	104.603223	0.320314	104.596899	
2010	82	600	82.250000000	03/23/2010 6:00	03/23/2010 5:00	1.043	33.6187	104.6480278	104.600831	0.317906	104.594491	
2010	82	700	82.291666667	03/23/2010 7:00	03/23/2010 6:00	1.0333	33.6283	104.6450902	104.597893	0.314950	104.591535	
2010	82	800	82.333333333	03/23/2010 8:00	03/23/2010 7:00	1.0232	33.6383	104.6420314	104.594834	0.311871	104.588456	
2010	82	900	82.375000000	03/23/2010 9:00	03/23/2010 8:00	1.016	33.6455	104.6398509	104.592654	0.309677	104.586262	
2010	82	1000	82.416666667	03/23/2010 10:00	03/23/2010 9:00	1.0084	33.6531	104.6375492	104.590352	0.307360	104.583945	
2010	82	1100	82.458333333	03/23/2010 11:00	03/23/2010 10:00	0.9973	33.6641	104.6341876	104.586990	0.303977	104.580562	
110	82	1200	82.500000000	03/23/2010 12:00	03/23/2010 11:00	1.0002	33.6612	104.6350658	104.587869	0.304861	104.581446	
110	82	1300	82.541666667	03/23/2010 13:00	03/23/2010 12:00	0.9959	33.6655	104.6337636	104.586566	0.303550	104.580135	
110	82	1400	82.583333333	03/23/2010 14:00	03/23/2010 13:00	0.9882	33.6731	104.6314317	104.584235	0.301203	104.577788	
110	82	1500	82.625000000	03/23/2010 15:00	03/23/2010 14:00	0.989	33.6723	104.6316739	104.584477	0.301447	104.578032	
110	82	1600	82.666666667	03/23/2010 16:00	03/23/2010 15:00	0.9873	33.6740	104.6311591	104.583962	0.300929	104.577514	
110	82	1700	82.708333333	03/23/2010 17:00	03/23/2010 16:00	0.9938	33.6676	104.6331276	104.585931	0.302910	104.579495	
110	82	1800	82.750000000	03/23/2010 18:00	03/23/2010 17:00	0.9998	33.6616	104.6349447	104.587748	0.304739	104.581324	
110	82	1900	82.791666667	03/23/2010 19:00	03/23/2010 18:00	1.0082	33.6533	104.6374886	104.590292	0.307299	104.583884	
110	82	2000	82.833333333	03/23/2010 20:00	03/23/2010 19:00	1.0187	33.6428	104.6406686	104.593471	0.310500	104.587085	
110	82	2100	82.875000000	03/23/2010 21:00	03/23/2010 20:00	1.0288	33.6328	104.6437273	104.596530	0.313578	104.590163	
110	82	2200	82.916666667	03/23/2010 22:00	03/23/2010 21:00	1.0397	33.6220	104.6470284	104.599831	0.316901	104.593486	
110	82	2300	82.958333333	03/23/2010 23:00	03/23/2010 22:00	1.0507	33.6110	104.6503597	104.603163	0.320253	104.596838	
110	83	0	83.000000000	03/24/2010 0:00	03/23/2010 23:00	1.0595	33.6023	104.6530248	104.605828	0.322936	104.599521	
110	83	100	83.041666667	03/24/2010 1:00	03/24/2010 0:00	1.0706	33.5913	104.6563864	104.609189	0.326319	104.602904	
110	83	200	83.083333333	03/24/2010 2:00	03/24/2010 1:00	1.0768	33.5851	104.6582641	104.611067	0.328209	104.604794	
110	83	300	83.125000000	03/24/2010 3:00	03/24/2010 2:00	1.0865	33.5755	104.6612017	104.614005	0.331165	104.607750	
110	83	400	83.166666667	03/24/2010 4:00	03/24/2010 3:00	1.0925	33.5695	104.6630188	104.615822	0.332994	104.609579	
110	83	500	83.208333333	03/24/2010 5:00	03/24/2010 4:00	1.1003	33.5617	104.6653811	104.618184	0.335371	104.611956	
110	83	600	83.250000000	03/24/2010 6:00	03/24/2010 5:00	1.1042	33.5579	104.6665622	104.619365	0.336560	104.613145	
110	83	700	83.291666667	03/24/2010 7:00	03/24/2010 6:00	1.11	33.5521	104.6683187	104.621122	0.338328	104.614913	
110	83	800	83.333333333	03/24/2010 8:00	03/24/2010 7:00	1.1156	33.5465	104.6700147	104.622818	0.340035	104.616620	
110	83	900	83.375000000	03/24/2010 9:00	03/24/2010 8:00	1.1163	33.5458	104.6702267	104.623030	0.340248	104.616833	
110	83	1000	83.416666667	03/24/2010 10:00	03/24/2010 9:00	1.1193	33.5429	104.6711352	104.623938	0.341163	104.617748	
110	83	1100	83.458333333	03/24/2010 11:00	03/24/2010 10:00	1.1247	33.5375	104.6727706	104.625573	0.342809	104.619394	
110	83	1200	83.500000000	03/24/2010 12:00	03/24/2010 11:00	1.1291	33.5331	104.6741031	104.626906	0.344150	104.620735	
110	83	1300	83.541666667	03/24/2010 13:00	03/24/2010 12:00	1.1349	33.5274	104.6758596	104.628663	0.345918	104.622503	
110	83	1400	83.583333333	03/24/2010 14:00	03/24/2010 13:00	1.1384	33.5239	104.6769196	104.629723	0.346984	104.623569	
110	83	1500	83.625000000	03/24/2010 15:00	03/24/2010 14:00	1.1469	33.5154	104.6794938	104.632297	0.349575	104.626160	
110	83	1600	83.666666667	03/24/2010 16:00	03/24/2010 15:00	1.16	33.5024	104.6834612	104.636264	0.353568	104.630153	
110	83	1700	83.708333333	03/24/2010 17:00	03/24/2010 16:00	1.1678	33.4947	104.6858234	104.638626	0.355945	104.632530	
110	83	1800	83.750000000	03/24/2010 18:00	03/24/2010 17:00	1.1798	33.4828	104.6894576	104.642260	0.359603	104.636188	
110	83	1900	83.791666667	03/24/2010 19:00	03/24/2010 18:00	1.1916	33.4710	104.6930312	104.645834	0.363200	104.639785	
110	83	2000	83.833333333	03/24/2010 20:00	03/24/2010 19:00	1.205	33.4577	104.6970894	104.649892	0.367284	104.643869	
110	83	2100	83.875000000	03/24/2010 21:00	03/24/2010 20:00	1.2199	33.4429	104.7016018	104.654405	0.371826	104.648411	
110	83	2200	83.916666667	03/24/2010 22:00	03/24/2010 21:00	1.2329	33.4300	104.7055389	104.658342	0.375788	104.652373	
110	83	2300	83.958333333	03/24/2010 23:00	03/24/2010 22:00	1.2397	33.4232	104.7075983	104.660401	0.377861	104.654446	
110	84	0	84.000000000	03/25/2010 0:00	03/24/2010 23:00	1.2516	33.4114	104.7112022	104.664005	0.381488	104.658073	
110	84	100	84.041666667	03/25/2010 1:00	03/25/2010 0:00	1.2598	33.4033	104.7136855	104.666488	0.383987	104.660572	
110	84	200	84.083333333	03/25/2010 2:00	03/25/2010 1:00	1.2702	33.3929	104.7168352	104.669638	0.387157	104.663742	
110	84	300	84.125000000	03/25/2010 3:00	03/25/2010 2:00	1.2799	33.3833	104.7197728	104.672576	0.390114	104.666699	
110	84	400	84.166666667	03/25/2010 4:00	03/25/2010 3:00	1.2826	33.3806	104.7205905	104.673393	0.390936	104.667522	
110	84	500	84.208333333	03/25/2010 5:00	03/25/2010 4:00	1.2915	33.3718	104.7232858	104.676089	0.393649	104.670234	
110	84	600	84.250000000	03/25/2010 6:00	03/25/2010 5:00	1.3024	33.3609	104.7265869	104.679390	0.396972	104.673557	
110	84	700	84.291666667	03/25/2010 7:00	03/25/2010 6:00	1.3102	33.3532	104.7289491	104.681752	0.399349	104.675934	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	84	800	84.333333333	03/25/2010 8:00	03/25/2010 7:00	1.3173	33.3461	104.7310994	104.683902	0.401513	104.678098	
110	84	900	84.375000000	03/25/2010 9:00	03/25/2010 8:00	1.3306	33.3329	104.7351273	104.687930	0.405567	104.682152	
110	84	1000	84.416666667	03/25/2010 10:00	03/25/2010 9:00	1.3359	33.3276	104.7367324	104.689535	0.407182	104.683767	
110	84	1100	84.458333333	03/25/2010 11:00	03/25/2010 10:00	1.3317	33.3318	104.7354604	104.688263	0.405902	104.682487	
110	84	1200	84.500000000	03/25/2010 12:00	03/25/2010 11:00	1.3457	33.3179	104.7397003	104.692503	0.410169	104.686754	
110	84	1300	84.541666667	03/25/2010 13:00	03/25/2010 12:00	1.3212	33.3423	104.7322805	104.685083	0.402702	104.679287	
110	84	1400	84.583333333	03/25/2010 14:00	03/25/2010 13:00	1.33	33.3335	104.7349455	104.687748	0.405384	104.681969	
110	84	1500	84.625000000	03/25/2010 15:00	03/25/2010 14:00	1.3176	33.3458	104.7311902	104.683993	0.401604	104.678190	
110	84	1600	84.666666667	03/25/2010 16:00	03/25/2010 15:00	1.3154	33.3480	104.7305239	104.683327	0.400934	104.677519	
110	84	1700	84.708333333	03/25/2010 17:00	03/25/2010 16:00	1.3127	33.3507	104.7297062	104.682509	0.400111	104.676696	
110	84	1800	84.750000000	03/25/2010 18:00	03/25/2010 17:00	1.3098	33.3536	104.728828	104.681631	0.399227	104.675812	
110	84	1900	84.791666667	03/25/2010 19:00	03/25/2010 18:00	1.3065	33.3569	104.7278286	104.680631	0.398221	104.674806	
110	84	2000	84.833333333	03/25/2010 20:00	03/25/2010 19:00	1.3117	33.3517	104.7294034	104.682206	0.399806	104.676391	
110	84	2100	84.875000000	03/25/2010 21:00	03/25/2010 20:00	1.3137	33.3497	104.7300091	104.682812	0.400416	104.677001	
110	84	2200	84.916666667	03/25/2010 22:00	03/25/2010 21:00	1.3149	33.3485	104.7303725	104.683175	0.400782	104.677367	
110	84	2300	84.958333333	03/25/2010 23:00	03/25/2010 22:00	1.311	33.3524	104.7291914	104.681994	0.399593	104.676178	
110	85	0	85.000000000	03/26/2010 0:00	03/25/2010 23:00	1.3056	33.3578	104.727556	104.680359	0.397947	104.674532	
110	85	100	85.041666667	03/26/2010 1:00	03/26/2010 0:00	1.3153	33.3481	104.7304937	104.683297	0.400903	104.677488	
110	85	200	85.083333333	03/26/2010 2:00	03/26/2010 1:00	1.3211	33.3424	104.7322502	104.685053	0.402671	104.679256	
110	85	300	85.125000000	03/26/2010 3:00	03/26/2010 2:00	1.3289	33.3346	104.7346124	104.687415	0.405049	104.681634	
110	85	400	85.166666667	03/26/2010 4:00	03/26/2010 3:00	1.3357	33.3278	104.7366718	104.689475	0.407121	104.683706	
110	85	500	85.208333333	03/26/2010 5:00	03/26/2010 4:00	1.3434	33.3202	104.7390037	104.691807	0.409468	104.686053	
110	85	600	85.250000000	03/26/2010 6:00	03/26/2010 5:00	1.3495	33.3141	104.7408511	104.693654	0.411328	104.687913	
110	85	700	85.291666667	03/26/2010 7:00	03/26/2010 6:00	1.3509	33.3127	104.7412751	104.694078	0.411754	104.688339	
110	85	800	85.333333333	03/26/2010 8:00	03/26/2010 7:00	1.364	33.2997	104.7452424	104.698045	0.415747	104.692332	
110	85	900	85.375000000	03/26/2010 9:00	03/26/2010 8:00	1.3714	33.2924	104.7474835	104.700286	0.418003	104.694588	
110	85	1000	85.416666667	03/26/2010 10:00	03/26/2010 9:00	1.3747	33.2891	104.7484829	104.701286	0.419009	104.695594	
110	85	1100	85.458333333	03/26/2010 11:00	03/26/2010 10:00	1.3908	33.2731	104.7533588	104.706162	0.423916	104.700501	
110	85	1200	85.500000000	03/26/2010 12:00	03/26/2010 11:00	1.3936	33.2703	104.7542068	104.707010	0.424769	104.701354	
110	85	1300	85.541666667	03/26/2010 13:00	03/26/2010 12:00	1.3983	33.2656	104.7556301	104.708433	0.426202	104.702787	
110	85	1400	85.583333333	03/26/2010 14:00	03/26/2010 13:00	1.4078	33.2562	104.7585072	104.711310	0.429097	104.705682	
110	85	1500	85.625000000	03/26/2010 15:00	03/26/2010 14:00	1.4133	33.2507	104.7601729	104.712976	0.430774	104.707359	
110	85	1600	85.666666667	03/26/2010 16:00	03/26/2010 15:00	1.4145	33.2496	104.7605363	104.713339	0.431140	104.707725	
110	85	1700	85.708333333	03/26/2010 17:00	03/26/2010 16:00	1.4307	33.2335	104.7654425	104.718245	0.436077	104.712662	
110	85	1800	85.750000000	03/26/2010 18:00	03/26/2010 17:00	1.4414	33.2228	104.768683	104.721486	0.439339	104.715924	
110	85	1900	85.791666667	03/26/2010 19:00	03/26/2010 18:00	1.4479	33.2164	104.7706515	104.723454	0.441320	104.717905	
110	85	2000	85.833333333	03/26/2010 20:00	03/26/2010 19:00	1.4562	33.2081	104.7731651	104.725968	0.443850	104.720435	
110	85	2100	85.875000000	03/26/2010 21:00	03/26/2010 20:00	1.4588	33.2055	104.7739525	104.726755	0.444642	104.721227	
110	85	2200	85.916666667	03/26/2010 22:00	03/26/2010 21:00	1.461	33.2034	104.7746188	104.727422	0.445313	104.721898	
110	85	2300	85.958333333	03/26/2010 23:00	03/26/2010 22:00	1.4614	33.2030	104.7747399	104.727543	0.445435	104.722020	
110	86	0	86.000000000	03/27/2010 0:00	03/26/2010 23:00	1.4615	33.2029	104.7747702	104.727573	0.445465	104.722050	
110	86	100	86.041666667	03/27/2010 1:00	03/27/2010 0:00	1.4702	33.1942	104.777405	104.730208	0.448117	104.724702	
110	86	200	86.083333333	03/27/2010 2:00	03/27/2010 1:00	1.4733	33.1911	104.7783438	104.731147	0.449062	104.725647	
110	86	300	86.125000000	03/27/2010 3:00	03/27/2010 2:00	1.4772	33.1873	104.779525	104.732328	0.450251	104.726836	
110	86	400	86.166666667	03/27/2010 4:00	03/27/2010 3:00	1.485	33.1795	104.7818872	104.734690	0.452628	104.729213	
110	86	500	86.208333333	03/27/2010 5:00	03/27/2010 4:00	1.491	33.1735	104.7837043	104.736507	0.454457	104.731042	
110	86	600	86.250000000	03/27/2010 6:00	03/27/2010 5:00	1.4932	33.1714	104.7843705	104.737173	0.455127	104.731712	
110	86	700	86.291666667	03/27/2010 7:00	03/27/2010 6:00	1.4978	33.1668	104.7857637	104.738567	0.456529	104.733114	
110	86	800	86.333333333	03/27/2010 8:00	03/27/2010 7:00	1.5041	33.1605	104.7876716	104.740474	0.458450	104.735035	
110	86	900	86.375000000	03/27/2010 9:00	03/27/2010 8:00	1.5036	33.1610	104.7875202	104.740323	0.458297	104.734882	
110	86	1000	86.416666667	03/27/2010 10:00	03/27/2010 9:00	1.5133	33.1514	104.7904578	104.743261	0.461254	104.737839	
110	86	1100	86.458333333	03/27/2010 11:00	03/27/2010 10:00	1.5138	33.1509	104.7906092	104.743412	0.461406	104.737991	
110	86	1200	86.500000000	03/27/2010 12:00	03/27/2010 11:00	1.5153	33.1494	104.7910635	104.743866	0.461863	104.738448	
110	86	1300	86.541666667	03/27/2010 13:00	03/27/2010 12:00	1.5172	33.1475	104.7916389	104.744442	0.462443	104.739028	
110	86	1400	86.583333333	03/27/2010 14:00	03/27/2010 13:00	1.5191	33.1456	104.7922143	104.745017	0.463022	104.739607	
110	86	1500	86.625000000	03/27/2010 15:00	03/27/2010 14:00	1.5189	33.1458	104.7921538	104.744957	0.462961	104.739546	
110	86	1600	86.666666667	03/27/2010 16:00	03/27/2010 15:00	1.5189	33.1458	104.7921538	104.744957	0.462961	104.739546	
110	86	1700	86.708333333	03/27/2010 17:00	03/27/2010 16:00	1.5189	33.1458	104.7921538	104.744957	0.462961	104.739546	
110	86	1800	86.750000000	03/27/2010 18:00	03/27/2010 17:00	1.5199	33.1448	104.7924566	104.745260	0.463266	104.739851	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	86	1900	86.791666667	03/27/2010 19:00	03/27/2010 18:00	1.5235	33.1413	104.7935469	104.746350	0.464363	104.740948	
110	86	2000	86.833333333	03/27/2010 20:00	03/27/2010 19:00	1.5243	33.1405	104.7937892	104.746592	0.464607	104.741192	
110	86	2100	86.875000000	03/27/2010 21:00	03/27/2010 20:00	1.5274	33.1374	104.794728	104.747531	0.465552	104.742137	
110	86	2200	86.916666667	03/27/2010 22:00	03/27/2010 21:00	1.5289	33.1359	104.7951823	104.747985	0.466009	104.742594	
110	86	2300	86.958333333	03/27/2010 23:00	03/27/2010 22:00	1.5289	33.1359	104.7951823	104.747985	0.466009	104.742594	
110	87	0	87.000000000	03/28/2010 0:00	03/27/2010 23:00	1.5289	33.1359	104.7951823	104.747985	0.466009	104.742594	
110	87	100	87.041666667	03/28/2010 1:00	03/28/2010 0:00	1.5312	33.1336	104.7958788	104.748682	0.466710	104.743295	
110	87	200	87.083333333	03/28/2010 2:00	03/28/2010 1:00	1.5296	33.1352	104.7953943	104.748197	0.466222	104.742807	
110	87	300	87.125000000	03/28/2010 3:00	03/28/2010 2:00	1.5296	33.1352	104.7953943	104.748197	0.466222	104.742807	
110	87	400	87.166666667	03/28/2010 4:00	03/28/2010 3:00	1.5286	33.1362	104.7950914	104.747894	0.465917	104.742502	
110	87	500	87.208333333	03/28/2010 5:00	03/28/2010 4:00	1.5235	33.1413	104.7935469	104.746350	0.464363	104.740948	
110	87	600	87.250000000	03/28/2010 6:00	03/28/2010 5:00	1.5206	33.1441	104.7926686	104.745472	0.463479	104.740064	
110	87	700	87.291666667	03/28/2010 7:00	03/28/2010 6:00	1.5196	33.1451	104.7923658	104.745169	0.463174	104.739759	
110	87	800	87.333333333	03/28/2010 8:00	03/28/2010 7:00	1.5104	33.1543	104.7895796	104.742382	0.460370	104.736955	
110	87	900	87.375000000	03/28/2010 9:00	03/28/2010 8:00	1.5033	33.1613	104.7874293	104.740232	0.458206	104.734791	
110	87	1000	87.416666667	03/28/2010 10:00	03/28/2010 9:00	1.4913	33.1732	104.7837951	104.736598	0.454548	104.731133	
110	87	1100	87.458333333	03/28/2010 11:00	03/28/2010 10:00	1.4828	33.1817	104.7812209	104.734024	0.451957	104.728542	
110	87	1200	87.500000000	03/28/2010 12:00	03/28/2010 11:00	1.4756	33.1888	104.7790404	104.731843	0.449763	104.726348	
110	87	1300	87.541666667	03/28/2010 13:00	03/28/2010 12:00	1.4656	33.1988	104.7760119	104.728815	0.446715	104.723300	
110	87	1400	87.583333333	03/28/2010 14:00	03/28/2010 13:00	1.4646	33.1998	104.7757091	104.728512	0.446410	104.722995	
110	87	1500	87.625000000	03/28/2010 15:00	03/28/2010 14:00	1.4649	33.1995	104.7757999	104.728603	0.446502	104.723087	
110	87	1600	87.666666667	03/28/2010 16:00	03/28/2010 15:00	1.463	33.2014	104.7752245	104.728027	0.445922	104.722507	
110	87	1700	87.708333333	03/28/2010 17:00	03/28/2010 16:00	1.4605	33.2038	104.7744674	104.727270	0.445160	104.721745	
110	87	1800	87.750000000	03/28/2010 18:00	03/28/2010 17:00	1.4588	33.2055	104.7739525	104.726755	0.444642	104.721227	
110	87	1900	87.791666667	03/28/2010 19:00	03/28/2010 18:00	1.461	33.2034	104.7746188	104.727422	0.445313	104.721898	
110	87	2000	87.833333333	03/28/2010 20:00	03/28/2010 19:00	1.4629	33.2015	104.7751942	104.727997	0.445892	104.722477	
110	87	2100	87.875000000	03/28/2010 21:00	03/28/2010 20:00	1.4671	33.1973	104.7764662	104.729269	0.447172	104.723757	
110	87	2200	87.916666667	03/28/2010 22:00	03/28/2010 21:00	1.4688	33.1956	104.776981	104.729784	0.447690	104.724275	
110	87	2300	87.958333333	03/28/2010 23:00	03/28/2010 22:00	1.467	33.1974	104.7764359	104.729239	0.447142	104.723727	
110	88	0	88.000000000	03/29/2010 0:00	03/28/2010 23:00	1.4692	33.1952	104.7771022	104.729905	0.447812	104.724397	
110	88	100	88.041666667	03/29/2010 1:00	03/29/2010 0:00	1.4661	33.1983	104.7761633	104.728966	0.446867	104.723452	
110	88	200	88.083333333	03/29/2010 2:00	03/29/2010 1:00	1.4659	33.1985	104.7761028	104.728906	0.446806	104.723391	
110	88	300	88.125000000	03/29/2010 3:00	03/29/2010 2:00	1.469	33.1954	104.7770416	104.729844	0.447751	104.724336	
110	88	400	88.166666667	03/29/2010 4:00	03/29/2010 3:00	1.4682	33.1962	104.7767993	104.729602	0.447507	104.724092	
110	88	500	88.208333333	03/29/2010 5:00	03/29/2010 4:00	1.4663	33.1981	104.7762239	104.729027	0.446928	104.723513	
110	88	600	88.250000000	03/29/2010 6:00	03/29/2010 5:00	1.4694	33.1950	104.7771627	104.729966	0.447873	104.724458	
110	88	700	88.291666667	03/29/2010 7:00	03/29/2010 6:00	1.4721	33.1923	104.7779804	104.730783	0.448696	104.725281	
110	88	800	88.333333333	03/29/2010 8:00	03/29/2010 7:00	1.4746	33.1898	104.7787375	104.731540	0.449458	104.726043	
110	88	900	88.375000000	03/29/2010 9:00	03/29/2010 8:00	1.4712	33.1932	104.7777079	104.730511	0.448422	104.725007	
110	88	1000	88.416666667	03/29/2010 10:00	03/29/2010 9:00	1.4812	33.1833	104.7807364	104.733539	0.451470	104.728055	
110	88	1100	88.458333333	03/29/2010 11:00	03/29/2010 10:00	1.4814	33.1831	104.7807969	104.733600	0.451531	104.728116	
110	88	1200	88.500000000	03/29/2010 12:00	03/29/2010 11:00	1.4647	33.1997	104.7757393	104.728542	0.446441	104.723026	
110	88	1300	88.541666667	03/29/2010 13:00	03/29/2010 12:00	1.4598	33.2045	104.7742554	104.727058	0.444947	104.721532	
110	88	1400	88.583333333	03/29/2010 14:00	03/29/2010 13:00	1.455	33.2093	104.7728017	104.725605	0.443484	104.720069	
110	88	1500	88.625000000	03/29/2010 15:00	03/29/2010 14:00	1.454	33.2103	104.7724989	104.725302	0.443179	104.719764	
110	88	1600	88.666666667	03/29/2010 16:00	03/29/2010 15:00	1.4424	33.2218	104.7689858	104.721789	0.439644	104.716229	
110	88	1700	88.708333333	03/29/2010 17:00	03/29/2010 16:00	1.4405	33.2237	104.7684104	104.721213	0.439064	104.715649	
110	88	1800	88.750000000	03/29/2010 18:00	03/29/2010 17:00	1.4327	33.2315	104.7660482	104.718851	0.436687	104.713272	
110	88	1900	88.791666667	03/29/2010 19:00	03/29/2010 18:00	1.4245	33.2396	104.7635648	104.716368	0.434188	104.710773	
110	88	2000	88.833333333	03/29/2010 20:00	03/29/2010 19:00	1.4221	33.2420	104.762838	104.715641	0.433456	104.710041	
110	88	2100	88.875000000	03/29/2010 21:00	03/29/2010 20:00	1.4123	33.2517	104.75987	104.712673	0.430469	104.707054	
110	88	2200	88.916666667	03/29/2010 22:00	03/29/2010 21:00	1.4048	33.2592	104.7575987	104.710402	0.428183	104.704768	
110	88	2300	88.958333333	03/29/2010 23:00	03/29/2010 22:00	1.3934	33.2705	104.7541462	104.706949	0.424708	104.701293	
110	89	0	89.000000000	03/30/2010 0:00	03/29/2010 23:00	1.3779	33.2859	104.749452	104.702255	0.419984	104.696569	
110	89	100	89.041666667	03/30/2010 1:00	03/30/2010 0:00	1.375	33.2888	104.7485738	104.701377	0.419100	104.695685	
110	89	200	89.083333333	03/30/2010 2:00	03/30/2010 1:00	1.3617	33.3020	104.7445459	104.697349	0.415046	104.691631	
110	89	300	89.125000000	03/30/2010 3:00	03/30/2010 2:00	1.351	33.3126	104.7413054	104.694108	0.411785	104.688370	
110	89	400	89.166666667	03/30/2010 4:00	03/30/2010 3:00	1.3472	33.3164	104.7401546	104.692957	0.410627	104.687212	
110	89	500	89.208333333	03/30/2010 5:00	03/30/2010 4:00	1.3433	33.3203	104.7389734	104.691776	0.409438	104.686023	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	89	600	89.250000000	03/30/2010 6:00	03/30/2010 5:00	1.3326	33.3309	104.735733	104.688536	0.406176	104.682762	
110	89	700	89.291666667	03/30/2010 7:00	03/30/2010 6:00	1.3277	33.3358	104.734249	104.687052	0.404683	104.681268	
110	89	800	89.333333333	03/30/2010 8:00	03/30/2010 7:00	1.3161	33.3473	104.7307359	104.683539	0.401147	104.677732	
110	89	900	89.375000000	03/30/2010 9:00	03/30/2010 8:00	1.3114	33.3520	104.7293125	104.682115	0.399715	104.676300	
110	89	1000	89.416666667	03/30/2010 10:00	03/30/2010 9:00	1.3073	33.3561	104.7280709	104.680874	0.398465	104.675050	
110	89	1100	89.458333333	03/30/2010 11:00	03/30/2010 10:00	1.3032	33.3601	104.7268292	104.679632	0.397215	104.673800	
110	89	1200	89.500000000	03/30/2010 12:00	03/30/2010 11:00	1.3029	33.3604	104.7267383	104.679541	0.397124	104.673709	
110	89	1300	89.541666667	03/30/2010 13:00	03/30/2010 12:00	1.3029	33.3604	104.7267383	104.679541	0.397124	104.673709	
110	89	1400	89.583333333	03/30/2010 14:00	03/30/2010 13:00	1.3022	33.3611	104.7265263	104.679329	0.396911	104.673496	
110	89	1500	89.625000000	03/30/2010 15:00	03/30/2010 14:00	1.3071	33.3563	104.7280103	104.680813	0.398404	104.674989	
110	89	1600	89.666666667	03/30/2010 16:00	03/30/2010 15:00	1.3136	33.3498	104.7299788	104.682782	0.400385	104.676970	
110	89	1700	89.708333333	03/30/2010 17:00	03/30/2010 16:00	1.3185	33.3449	104.7314628	104.684266	0.401879	104.678464	
110	89	1800	89.750000000	03/30/2010 18:00	03/30/2010 17:00	1.3194	33.3440	104.7317353	104.684538	0.402153	104.678738	
110	89	1900	89.791666667	03/30/2010 19:00	03/30/2010 18:00	1.322	33.3415	104.7325227	104.685326	0.402946	104.679531	
110	89	2000	89.833333333	03/30/2010 20:00	03/30/2010 19:00	1.3242	33.3393	104.733189	104.685992	0.403616	104.680201	
110	89	2100	89.875000000	03/30/2010 21:00	03/30/2010 20:00	1.3209	33.3426	104.7321896	104.684993	0.402610	104.679195	
110	89	2200	89.916666667	03/30/2010 22:00	03/30/2010 21:00	1.32	33.3434	104.731917	104.684720	0.402336	104.678921	
110	89	2300	89.958333333	03/30/2010 23:00	03/30/2010 22:00	1.3173	33.3461	104.7310994	104.683902	0.401513	104.678098	
110	90	0	90.000000000	03/31/2010 0:00	03/30/2010 23:00	1.3187	33.3447	104.7315233	104.684326	0.401940	104.678525	
110	90	100	90.041666667	03/31/2010 1:00	03/31/2010 0:00	1.315	33.3484	104.7304028	104.683206	0.400812	104.677397	
110	90	200	90.083333333	03/31/2010 2:00	03/31/2010 1:00	1.3141	33.3493	104.7301302	104.682933	0.400538	104.677123	
110	90	300	90.125000000	03/31/2010 3:00	03/31/2010 2:00	1.3105	33.3529	104.72904	104.681843	0.399440	104.676025	
110	90	400	90.166666667	03/31/2010 4:00	03/31/2010 3:00	1.3075	33.3559	104.7281314	104.680934	0.398526	104.675111	
110	90	500	90.208333333	03/31/2010 5:00	03/31/2010 4:00	1.3068	33.3566	104.7279194	104.680722	0.398313	104.674898	
110	90	600	90.250000000	03/31/2010 6:00	03/31/2010 5:00	1.3029	33.3604	104.7267383	104.679541	0.397124	104.673709	
110	90	700	90.291666667	03/31/2010 7:00	03/31/2010 6:00	1.3046	33.3587	104.7272532	104.680056	0.397642	104.674227	
110	90	800	90.333333333	03/31/2010 8:00	03/31/2010 7:00	1.3025	33.3608	104.7266172	104.679420	0.397002	104.673587	
110	90	900	90.375000000	03/31/2010 9:00	03/31/2010 8:00	1.3011	33.3622	104.7261932	104.678996	0.396575	104.673160	
110	90	1000	90.416666667	03/31/2010 10:00	03/31/2010 9:00	1.2929	33.3704	104.7237098	104.676513	0.394076	104.670661	
110	90	1100	90.458333333	03/31/2010 11:00	03/31/2010 10:00	1.3004	33.3629	104.7259812	104.678784	0.396362	104.672947	
110	90	1200	90.500000000	03/31/2010 12:00	03/31/2010 11:00	1.2995	33.3638	104.7257086	104.678512	0.396088	104.672673	
110	90	1300	90.541666667	03/31/2010 13:00	03/31/2010 12:00	1.2954	33.3679	104.724467	104.677270	0.394838	104.671423	
110	90	1400	90.583333333	03/31/2010 14:00	03/31/2010 13:00	1.3019	33.3614	104.7264355	104.679238	0.396819	104.673404	
110	90	1500	90.625000000	03/31/2010 15:00	03/31/2010 14:00	1.3002	33.3631	104.7259206	104.678724	0.396301	104.672886	
110	90	1600	90.666666667	03/31/2010 16:00	03/31/2010 15:00	1.3	33.3633	104.7258601	104.678663	0.396240	104.672825	
110	90	1700	90.708333333	03/31/2010 17:00	03/31/2010 16:00	1.299	33.3643	104.7255572	104.678360	0.395935	104.672520	
110	90	1800	90.750000000	03/31/2010 18:00	03/31/2010 17:00	1.2961	33.3672	104.724679	104.677482	0.395051	104.671636	
110	90	1900	90.791666667	03/31/2010 19:00	03/31/2010 18:00	1.2939	33.3694	104.7240127	104.676816	0.394381	104.670966	
110	90	2000	90.833333333	03/31/2010 20:00	03/31/2010 19:00	1.2945	33.3688	104.7241944	104.676997	0.394564	104.671149	
110	90	2100	90.875000000	03/31/2010 21:00	03/31/2010 20:00	1.2941	33.3692	104.7240733	104.676876	0.394442	104.671027	
110	90	2200	90.916666667	03/31/2010 22:00	03/31/2010 21:00	1.2986	33.3647	104.7254361	104.678239	0.395813	104.672398	
110	90	2300	90.958333333	03/31/2010 23:00	03/31/2010 22:00	1.3029	33.3604	104.7267383	104.679541	0.397124	104.673709	
110	91	0	91.000000000	04/01/2010 0:00	03/31/2010 23:00	1.3029	33.3604	104.7267383	104.679541	0.397124	104.673709	
110	91	100	91.041666667	04/01/2010 1:00	04/01/2010 0:00	1.3068	33.3566	104.7279194	104.680722	0.398313	104.674898	
110	91	200	91.083333333	04/01/2010 2:00	04/01/2010 1:00	1.3126	33.3508	104.729676	104.682479	0.400080	104.676666	
110	91	300	91.125000000	04/01/2010 3:00	04/01/2010 2:00	1.3186	33.3448	104.7314931	104.684296	0.401909	104.678494	
110	91	400	91.166666667	04/01/2010 4:00	04/01/2010 3:00	1.3188	33.3446	104.7315536	104.684357	0.401970	104.678555	
110	91	500	91.208333333	04/01/2010 5:00	04/01/2010 4:00	1.3217	33.3418	104.7324319	104.685235	0.402854	104.679439	
110	91	600	91.250000000	04/01/2010 6:00	04/01/2010 5:00	1.321	33.3425	104.7322199	104.685023	0.402641	104.679226	
110	91	700	91.291666667	04/01/2010 7:00	04/01/2010 6:00	1.3213	33.3422	104.7323108	104.685114	0.402732	104.679317	
110	91	800	91.333333333	04/01/2010 8:00	04/01/2010 7:00	1.3209	33.3426	104.7321896	104.684993	0.402610	104.679195	
110	91	900	91.375000000	04/01/2010 9:00	04/01/2010 8:00	1.3163	33.3471	104.7307965	104.683599	0.401208	104.677793	
110	91	1000	91.416666667	04/01/2010 10:00	04/01/2010 9:00	1.3079	33.3555	104.7282526	104.681055	0.398648	104.675233	
110	91	1100	91.458333333	04/01/2010 11:00	04/01/2010 10:00	1.3065	33.3569	104.7278286	104.680631	0.398221	104.674806	
110	91	1200	91.500000000	04/01/2010 12:00	04/01/2010 11:00	1.3101	33.3533	104.7289188	104.681722	0.399318	104.675904	
110	91	1300	91.541666667	04/01/2010 13:00	04/01/2010 12:00	1.3004	33.3629	104.7259812	104.678784	0.396362	104.672947	
110	91	1400	91.583333333	04/01/2010 14:00	04/01/2010 13:00	1.2953	33.3680	104.7244367	104.677240	0.394807	104.671392	
110	91	1500	91.625000000	04/01/2010 15:00	04/01/2010 14:00	1.2825	33.3807	104.7205602	104.673363	0.390906	104.667491	
110	91	1600	91.666666667	04/01/2010 16:00	04/01/2010 15:00	1.2845	33.3787	104.7211659	104.673969	0.391516	104.668101	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	91	1700	91.708333333	04/01/2010 17:00	04/01/2010 16:00	1.2835	33.3797	104.7208631	104.673666	0.391211	104.667796	
110	91	1800	91.750000000	04/01/2010 18:00	04/01/2010 17:00	1.2787	33.3845	104.7194094	104.672212	0.389748	104.666333	
110	91	1900	91.791666667	04/01/2010 19:00	04/01/2010 18:00	1.2725	33.3906	104.7175317	104.670335	0.387858	104.664443	
110	91	2000	91.833333333	04/01/2010 20:00	04/01/2010 19:00	1.2701	33.3930	104.7168049	104.669608	0.387126	104.663712	
110	91	2100	91.875000000	04/01/2010 21:00	04/01/2010 20:00	1.2661	33.3970	104.7155935	104.668396	0.385907	104.662492	
110	91	2200	91.916666667	04/01/2010 22:00	04/01/2010 21:00	1.2622	33.4009	104.7144124	104.667215	0.384719	104.661304	
110	91	2300	91.958333333	04/01/2010 23:00	04/01/2010 22:00	1.2627	33.4004	104.7145638	104.667367	0.384871	104.661456	
110	92	0	92.000000000	04/02/2010 0:00	04/01/2010 23:00	1.2637	33.3994	104.7148666	104.667670	0.385176	104.661761	
110	92	100	92.041666667	04/02/2010 1:00	04/02/2010 0:00	1.2706	33.3925	104.7169563	104.669759	0.387279	104.663864	
110	92	200	92.083333333	04/02/2010 2:00	04/02/2010 1:00	1.2765	33.3867	104.7187431	104.671546	0.389077	104.665662	
110	92	300	92.125000000	04/02/2010 3:00	04/02/2010 2:00	1.2833	33.3799	104.7208025	104.673605	0.391150	104.667735	
110	92	400	92.166666667	04/02/2010 4:00	04/02/2010 3:00	1.2997	33.3636	104.7257692	104.678572	0.396149	104.672734	
110	92	500	92.208333333	04/02/2010 5:00	04/02/2010 4:00	1.3114	33.3520	104.7293125	104.682115	0.399715	104.676300	
110	92	600	92.250000000	04/02/2010 6:00	04/02/2010 5:00	1.3211	33.3424	104.7322502	104.685053	0.402671	104.679256	
110	92	700	92.291666667	04/02/2010 7:00	04/02/2010 6:00	1.3276	33.3359	104.7342187	104.687022	0.404652	104.681238	
110	92	800	92.333333333	04/02/2010 8:00	04/02/2010 7:00	1.3363	33.3273	104.7368535	104.689656	0.407304	104.683889	
110	92	900	92.375000000	04/02/2010 9:00	04/02/2010 8:00	1.3447	33.3189	104.7393974	104.692200	0.409865	104.686450	
110	92	1000	92.416666667	04/02/2010 10:00	04/02/2010 9:00	1.3573	33.3064	104.7432133	104.696016	0.413705	104.690290	
110	92	1100	92.458333333	04/02/2010 11:00	04/02/2010 10:00	1.3732	33.2906	104.7480286	104.700832	0.418551	104.695136	
110	92	1200	92.500000000	04/02/2010 12:00	04/02/2010 11:00	1.3837	33.2802	104.7512085	104.704011	0.421752	104.698337	
110	92	1300	92.541666667	04/02/2010 13:00	04/02/2010 12:00	1.3902	33.2737	104.7531771	104.705980	0.423733	104.700318	
110	92	1400	92.583333333	04/02/2010 14:00	04/02/2010 13:00	1.3919	33.2720	104.7536919	104.706495	0.424251	104.700836	
110	92	1500	92.625000000	04/02/2010 15:00	04/02/2010 14:00	1.4184	33.2457	104.7617174	104.714520	0.432328	104.708913	
110	92	1600	92.666666667	04/02/2010 16:00	04/02/2010 15:00	1.4286	33.2355	104.7648065	104.717609	0.435437	104.712022	
110	92	1700	92.708333333	04/02/2010 17:00	04/02/2010 16:00	1.4305	33.2337	104.7653819	104.718185	0.436016	104.712601	
110	92	1800	92.750000000	04/02/2010 18:00	04/02/2010 17:00	1.4402	33.2240	104.7683195	104.721122	0.438973	104.715558	
110	92	1900	92.791666667	04/02/2010 19:00	04/02/2010 18:00	1.4445	33.2197	104.7696218	104.722425	0.440284	104.716869	
110	92	2000	92.833333333	04/02/2010 20:00	04/02/2010 19:00	1.4472	33.2171	104.7704395	104.723242	0.441107	104.717692	
110	92	2100	92.875000000	04/02/2010 21:00	04/02/2010 20:00	1.461	33.2034	104.7746188	104.727422	0.445313	104.721898	
110	92	2200	92.916666667	04/02/2010 22:00	04/02/2010 21:00	1.4612	33.2032	104.7746794	104.727482	0.445374	104.721959	
110	92	2300	92.958333333	04/02/2010 23:00	04/02/2010 22:00	1.4641	33.2003	104.7755576	104.728361	0.446258	104.722843	
110	93	0	93.000000000	04/03/2010 0:00	04/02/2010 23:00	1.4575	33.2068	104.7735588	104.726362	0.444246	104.720831	
110	93	100	93.041666667	04/03/2010 1:00	04/03/2010 0:00	1.4576	33.2067	104.7735891	104.726392	0.444276	104.720862	
110	93	200	93.083333333	04/03/2010 2:00	04/03/2010 1:00	1.4634	33.2010	104.7753456	104.728149	0.446044	104.722629	
110	93	300	93.125000000	04/03/2010 3:00	04/03/2010 2:00	1.4694	33.1950	104.7771627	104.729966	0.447873	104.724458	
110	93	400	93.166666667	04/03/2010 4:00	04/03/2010 3:00	1.4772	33.1873	104.779525	104.732328	0.450251	104.726836	
110	93	500	93.208333333	04/03/2010 5:00	04/03/2010 4:00	1.4847	33.1798	104.7817963	104.734599	0.452537	104.729122	
110	93	600	93.250000000	04/03/2010 6:00	04/03/2010 5:00	1.4935	33.1711	104.7844614	104.737264	0.455219	104.731804	
110	93	700	93.291666667	04/03/2010 7:00	04/03/2010 6:00	1.5041	33.1605	104.7876716	104.740474	0.458450	104.735035	
110	93	800	93.333333333	04/03/2010 8:00	04/03/2010 7:00	1.5153	33.1494	104.7910635	104.743866	0.461863	104.738448	
110	93	900	93.375000000	04/03/2010 9:00	04/03/2010 8:00	1.5306	33.1342	104.7956971	104.748500	0.466527	104.743112	
110	93	1000	93.416666667	04/03/2010 10:00	04/03/2010 9:00	1.5371	33.1277	104.7976656	104.750469	0.468508	104.745093	
110	93	1100	93.458333333	04/03/2010 11:00	04/03/2010 10:00	1.5395	33.1254	104.7983925	104.751195	0.469240	104.745825	
110	93	1200	93.500000000	04/03/2010 12:00	04/03/2010 11:00	1.5432	33.1217	104.799513	104.752316	0.470367	104.746952	
110	93	1300	93.541666667	04/03/2010 13:00	04/03/2010 12:00	1.5434	33.1215	104.7995736	104.752376	0.470428	104.747013	
110	93	1400	93.583333333	04/03/2010 14:00	04/03/2010 13:00	1.5395	33.1254	104.7983925	104.751195	0.469240	104.745825	
110	93	1500	93.625000000	04/03/2010 15:00	04/03/2010 14:00	1.5439	33.1210	104.799725	104.752528	0.470581	104.747166	
110	93	1600	93.666666667	04/03/2010 16:00	04/03/2010 15:00	1.5371	33.1277	104.7976656	104.750469	0.468508	104.745093	
110	93	1700	93.708333333	04/03/2010 17:00	04/03/2010 16:00	1.5334	33.1314	104.7965451	104.749348	0.467380	104.743965	
110	93	1800	93.750000000	04/03/2010 18:00	04/03/2010 17:00	1.5335	33.1313	104.7965754	104.749378	0.467411	104.743996	
110	93	1900	93.791666667	04/03/2010 19:00	04/03/2010 18:00	1.526	33.1388	104.794304	104.747107	0.465125	104.741710	
110	93	2000	93.833333333	04/03/2010 20:00	04/03/2010 19:00	1.5187	33.1460	104.7920932	104.744896	0.462900	104.739485	
110	93	2100	93.875000000	04/03/2010 21:00	04/03/2010 20:00	1.5151	33.1496	104.7910029	104.743806	0.461802	104.738388	
110	93	2200	93.916666667	04/03/2010 22:00	04/03/2010 21:00	1.5075	33.1571	104.7887013	104.741504	0.459486	104.736071	
110	93	2300	93.958333333	04/03/2010 23:00	04/03/2010 22:00	1.5039	33.1607	104.787611	104.740414	0.458389	104.734974	
110	94	0	94.000000000	04/04/2010 0:00	04/03/2010 23:00	1.4964	33.1682	104.7853397	104.738143	0.456103	104.732688	
110	94	100	94.041666667	04/04/2010 1:00	04/04/2010 0:00	1.4925	33.1721	104.7841586	104.736961	0.454914	104.731499	
110	94	200	94.083333333	04/04/2010 2:00	04/04/2010 1:00	1.4867	33.1778	104.782402	104.735205	0.453146	104.729731	
110	94	300	94.125000000	04/04/2010 3:00	04/04/2010 2:00	1.4772	33.1873	104.779525	104.732328	0.450251	104.726836	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	94	400	94.166666667	04/04/2010 4:00	04/04/2010 3:00	1.4765	33.1879	104.779313	104.732116	0.450037	104.726622	
110	94	500	94.208333333	04/04/2010 5:00	04/04/2010 4:00	1.4743	33.1901	104.7786467	104.731450	0.449367	104.725952	
110	94	600	94.250000000	04/04/2010 6:00	04/04/2010 5:00	1.4804	33.1841	104.7804941	104.733297	0.451226	104.727811	
110	94	700	94.291666667	04/04/2010 7:00	04/04/2010 6:00	1.4794	33.1851	104.7801912	104.732994	0.450921	104.727506	
110	94	800	94.333333333	04/04/2010 8:00	04/04/2010 7:00	1.4847	33.1798	104.7817963	104.734599	0.452537	104.729122	
110	94	900	94.375000000	04/04/2010 9:00	04/04/2010 8:00	1.4848	33.1797	104.7818266	104.734630	0.452567	104.729152	
110	94	1000	94.416666667	04/04/2010 10:00	04/04/2010 9:00	1.4899	33.1746	104.7833711	104.736174	0.454122	104.730707	
110	94	1100	94.458333333	04/04/2010 11:00	04/04/2010 10:00	1.4887	33.1758	104.7830077	104.735811	0.453756	104.730341	
110	94	1200	94.500000000	04/04/2010 12:00	04/04/2010 11:00	1.4981	33.1665	104.7858545	104.738657	0.456621	104.733206	
110	94	1300	94.541666667	04/04/2010 13:00	04/04/2010 12:00	1.4948	33.1698	104.7848551	104.737658	0.455615	104.732200	
110	94	1400	94.583333333	04/04/2010 14:00	04/04/2010 13:00	1.5037	33.1609	104.7875505	104.740353	0.458328	104.734913	
110	94	1500	94.625000000	04/04/2010 15:00	04/04/2010 14:00	1.5037	33.1609	104.7875505	104.740353	0.458328	104.734913	
110	94	1600	94.666666667	04/04/2010 16:00	04/04/2010 15:00	1.5134	33.1513	104.7904881	104.743291	0.461284	104.737869	
110	94	1700	94.708333333	04/04/2010 17:00	04/04/2010 16:00	1.5124	33.1523	104.7901853	104.742988	0.460980	104.737565	
110	94	1800	94.750000000	04/04/2010 18:00	04/04/2010 17:00	1.5049	33.1597	104.7879139	104.740717	0.458694	104.735279	
110	94	1900	94.791666667	04/04/2010 19:00	04/04/2010 18:00	1.5044	33.1602	104.7877625	104.740565	0.458541	104.735126	
110	94	2000	94.833333333	04/04/2010 20:00	04/04/2010 19:00	1.5027	33.1619	104.7872476	104.740051	0.458023	104.734608	
110	94	2100	94.875000000	04/04/2010 21:00	04/04/2010 20:00	1.4986	33.1660	104.7860059	104.738809	0.456773	104.733358	
110	94	2200	94.916666667	04/04/2010 22:00	04/04/2010 21:00	1.4882	33.1763	104.7828563	104.735659	0.453603	104.730188	
110	94	2300	94.958333333	04/04/2010 23:00	04/04/2010 22:00	1.4823	33.1822	104.7810695	104.733872	0.451805	104.728390	
110	95	0	95.000000000	04/05/2010 0:00	04/04/2010 23:00	1.4775	33.1870	104.7796158	104.732419	0.450342	104.726927	
110	95	100	95.041666667	04/05/2010 1:00	04/05/2010 0:00	1.4756	33.1888	104.7790404	104.731843	0.449763	104.726348	
110	95	200	95.083333333	04/05/2010 2:00	04/05/2010 1:00	1.4818	33.1827	104.7809181	104.733721	0.451653	104.728238	
110	95	300	95.125000000	04/05/2010 3:00	04/05/2010 2:00	1.4859	33.1786	104.7821597	104.734963	0.452902	104.729487	
110	95	400	95.166666667	04/05/2010 4:00	04/05/2010 3:00	1.492	33.1725	104.7840071	104.736810	0.454762	104.731347	
110	95	500	95.208333333	04/05/2010 5:00	04/05/2010 4:00	1.4959	33.1687	104.7851882	104.737991	0.455950	104.732535	
110	95	600	95.250000000	04/05/2010 6:00	04/05/2010 5:00	1.5031	33.1615	104.7873688	104.740172	0.458145	104.734730	
110	95	700	95.291666667	04/05/2010 7:00	04/05/2010 6:00	1.5041	33.1605	104.7876716	104.740474	0.458450	104.735035	
110	95	800	95.333333333	04/05/2010 8:00	04/05/2010 7:00	1.5078	33.1568	104.7887921	104.741595	0.459577	104.736162	
110	95	900	95.375000000	04/05/2010 9:00	04/05/2010 8:00	1.5036	33.1610	104.7875202	104.740323	0.458297	104.734882	
110	95	1000	95.416666667	04/05/2010 10:00	04/05/2010 9:00	1.5066	33.1580	104.7884287	104.741232	0.459212	104.735797	
110	95	1100	95.458333333	04/05/2010 11:00	04/05/2010 10:00	1.4964	33.1682	104.7853397	104.738143	0.456103	104.732688	
110	95	1200	95.500000000	04/05/2010 12:00	04/05/2010 11:00	1.4962	33.1684	104.7852791	104.738082	0.456042	104.732627	
110	95	1300	95.541666667	04/05/2010 13:00	04/05/2010 12:00	1.4957	33.1689	104.7851277	104.737931	0.455889	104.732474	
110	95	1400	95.583333333	04/05/2010 14:00	04/05/2010 13:00	1.5015	33.1631	104.7868842	104.739687	0.457657	104.734242	
110	95	1500	95.625000000	04/05/2010 15:00	04/05/2010 14:00	1.4763	33.1881	104.7792524	104.732055	0.449976	104.726561	
110	95	1600	95.666666667	04/05/2010 16:00	04/05/2010 15:00	1.4705	33.1939	104.7774959	104.730299	0.448208	104.724793	
110	95	1700	95.708333333	04/05/2010 17:00	04/05/2010 16:00	1.4647	33.1997	104.7757393	104.728542	0.446441	104.723026	
110	95	1800	95.750000000	04/05/2010 18:00	04/05/2010 17:00	1.461	33.2034	104.7746188	104.727422	0.445313	104.721898	
110	95	1900	95.791666667	04/05/2010 19:00	04/05/2010 18:00	1.4499	33.2144	104.7712572	104.724060	0.441930	104.718515	
110	95	2000	95.833333333	04/05/2010 20:00	04/05/2010 19:00	1.4423	33.2219	104.7689555	104.721758	0.439613	104.716198	
110	95	2100	95.875000000	04/05/2010 21:00	04/05/2010 20:00	1.4348	33.2294	104.7666841	104.719487	0.437327	104.713912	
110	95	2200	95.916666667	04/05/2010 22:00	04/05/2010 21:00	1.422	33.2421	104.7628077	104.715611	0.433426	104.710011	
110	95	2300	95.958333333	04/05/2010 23:00	04/05/2010 22:00	1.4142	33.2499	104.7604455	104.713248	0.431048	104.707633	
110	96	0	96.000000000	04/06/2010 0:00	04/05/2010 23:00	1.4064	33.2576	104.7580832	104.710886	0.428671	104.705256	
110	96	100	96.041666667	04/06/2010 1:00	04/06/2010 0:00	1.3977	33.2662	104.7554484	104.708251	0.426019	104.702604	
110	96	200	96.083333333	04/06/2010 2:00	04/06/2010 1:00	1.4048	33.2592	104.7575987	104.710402	0.428183	104.704768	
110	96	300	96.125000000	04/06/2010 3:00	04/06/2010 2:00	1.3941	33.2698	104.7543582	104.707161	0.424922	104.701507	
110	96	400	96.166666667	04/06/2010 4:00	04/06/2010 3:00	1.3893	33.2746	104.7529045	104.705707	0.423459	104.700044	
110	96	500	96.208333333	04/06/2010 5:00	04/06/2010 4:00	1.3912	33.2727	104.7534799	104.706283	0.424038	104.700623	
110	96	600	96.250000000	04/06/2010 6:00	04/06/2010 5:00	1.3868	33.2771	104.7521474	104.704950	0.422697	104.699282	
110	96	700	96.291666667	04/06/2010 7:00	04/06/2010 6:00	1.3865	33.2774	104.7520565	104.704859	0.422605	104.699190	
110	96	800	96.333333333	04/06/2010 8:00	04/06/2010 7:00	1.3776	33.2862	104.7493612	104.702164	0.419892	104.696478	
110	96	900	96.375000000	04/06/2010 9:00	04/06/2010 8:00	1.374	33.2898	104.7482709	104.701074	0.418795	104.695380	
110	96	1000	96.416666667	04/06/2010 10:00	04/06/2010 9:00	1.3728	33.2910	104.7479075	104.700710	0.418429	104.695014	
110	96	1100	96.458333333	04/06/2010 11:00	04/06/2010 10:00	1.3646	33.2991	104.7454241	104.698227	0.415930	104.692515	
110	96	1200	96.500000000	04/06/2010 12:00	04/06/2010 11:00	1.3603	33.3034	104.7441219	104.696925	0.414619	104.691204	
110	96	1300	96.541666667	04/06/2010 13:00	04/06/2010 12:00	1.3574	33.3063	104.7432436	104.696047	0.413736	104.690321	
110	96	1400	96.583333333	04/06/2010 14:00	04/06/2010 13:00	1.3757	33.2881	104.7487858	104.701589	0.419313	104.695898	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	96	1500	96.625000000	04/06/2010 15:00	04/06/2010 14:00	1.3508	33.3128	104.7412448	104.694048	0.411724	104.688309	
110	96	1600	96.666666667	04/06/2010 16:00	04/06/2010 15:00	1.3498	33.3138	104.740942	104.693745	0.411419	104.688004	
110	96	1700	96.708333333	04/06/2010 17:00	04/06/2010 16:00	1.3419	33.3217	104.7385494	104.691352	0.409011	104.685596	
110	96	1800	96.750000000	04/06/2010 18:00	04/06/2010 17:00	1.3402	33.3234	104.7380346	104.690838	0.408493	104.685078	
110	96	1900	96.791666667	04/06/2010 19:00	04/06/2010 18:00	1.3382	33.3254	104.7374289	104.690232	0.407883	104.684468	
110	96	2000	96.833333333	04/06/2010 20:00	04/06/2010 19:00	1.3312	33.3323	104.735309	104.688112	0.405750	104.682335	
110	96	2100	96.875000000	04/06/2010 21:00	04/06/2010 20:00	1.3317	33.3318	104.7354604	104.688263	0.405902	104.682487	
110	96	2200	96.916666667	04/06/2010 22:00	04/06/2010 21:00	1.3287	33.3348	104.7345518	104.687355	0.404988	104.681573	
110	96	2300	96.958333333	04/06/2010 23:00	04/06/2010 22:00	1.3243	33.3392	104.7332193	104.686022	0.403647	104.680232	
110	97	0	97.000000000	04/07/2010 0:00	04/06/2010 23:00	1.3175	33.3459	104.7311599	104.683963	0.401574	104.678159	
110	97	100	97.041666667	04/07/2010 1:00	04/07/2010 0:00	1.317	33.3464	104.7310085	104.683811	0.401422	104.678007	
110	97	200	97.083333333	04/07/2010 2:00	04/07/2010 1:00	1.3151	33.3483	104.7304331	104.683236	0.400842	104.677428	
110	97	300	97.125000000	04/07/2010 3:00	04/07/2010 2:00	1.3141	33.3493	104.7301302	104.682933	0.400538	104.677123	
110	97	400	97.166666667	04/07/2010 4:00	04/07/2010 3:00	1.316	33.3474	104.7307057	104.683509	0.401117	104.677702	
110	97	500	97.208333333	04/07/2010 5:00	04/07/2010 4:00	1.3189	33.3445	104.7315839	104.684387	0.402001	104.678586	
110	97	600	97.250000000	04/07/2010 6:00	04/07/2010 5:00	1.3189	33.3445	104.7315839	104.684387	0.402001	104.678586	
110	97	700	97.291666667	04/07/2010 7:00	04/07/2010 6:00	1.3185	33.3449	104.7314628	104.684266	0.401879	104.678464	
110	97	800	97.333333333	04/07/2010 8:00	04/07/2010 7:00	1.3202	33.3432	104.7319776	104.684781	0.402397	104.678982	
110	97	900	97.375000000	04/07/2010 9:00	04/07/2010 8:00	1.3176	33.3458	104.7311902	104.683993	0.401604	104.678190	
110	97	1000	97.416666667	04/07/2010 10:00	04/07/2010 9:00	1.3186	33.3448	104.7314931	104.684296	0.401909	104.678494	
110	97	1100	97.458333333	04/07/2010 11:00	04/07/2010 10:00	1.32	33.3434	104.731917	104.684720	0.402336	104.678921	
110	97	1200	97.500000000	04/07/2010 12:00	04/07/2010 11:00	1.3403	33.3233	104.7380649	104.690868	0.408523	104.685108	
110	97	1300	97.541666667	04/07/2010 13:00	04/07/2010 12:00	1.3428	33.3208	104.738822	104.691625	0.409285	104.685870	
110	97	1400	97.583333333	04/07/2010 14:00	04/07/2010 13:00	1.3409	33.3227	104.7382466	104.691049	0.408706	104.685291	
110	97	1500	97.625000000	04/07/2010 15:00	04/07/2010 14:00	1.3367	33.3269	104.7369746	104.689778	0.407426	104.684011	
110	97	1600	97.666666667	04/07/2010 16:00	04/07/2010 15:00	1.3348	33.3287	104.7363992	104.689202	0.406847	104.683432	
110	97	1700	97.708333333	04/07/2010 17:00	04/07/2010 16:00	1.3339	33.3296	104.7361267	104.688930	0.406573	104.683158	
110	97	1800	97.750000000	04/07/2010 18:00	04/07/2010 17:00	1.3254	33.3381	104.7335524	104.686355	0.403982	104.680567	
110	97	1900	97.791666667	04/07/2010 19:00	04/07/2010 18:00	1.3246	33.3389	104.7333102	104.686113	0.403738	104.680323	
110	97	2000	97.833333333	04/07/2010 20:00	04/07/2010 19:00	1.3161	33.3473	104.7307359	104.683539	0.401147	104.677732	
110	97	2100	97.875000000	04/07/2010 21:00	04/07/2010 20:00	1.3144	33.3490	104.7302211	104.683024	0.400629	104.677214	
110	97	2200	97.916666667	04/07/2010 22:00	04/07/2010 21:00	1.3077	33.3557	104.728192	104.680995	0.398587	104.675172	
110	97	2300	97.958333333	04/07/2010 23:00	04/07/2010 22:00	1.3011	33.3622	104.7261932	104.678996	0.396575	104.673160	
110	98	0	98.000000000	04/08/2010 0:00	04/07/2010 23:00	1.2955	33.3678	104.7244972	104.677300	0.394868	104.671453	
110	98	100	98.041666667	04/08/2010 1:00	04/08/2010 0:00	1.294	33.3693	104.724043	104.676846	0.394411	104.670996	
110	98	200	98.083333333	04/08/2010 2:00	04/08/2010 1:00	1.3054	33.3580	104.7274955	104.680298	0.397886	104.674471	
110	98	300	98.125000000	04/08/2010 3:00	04/08/2010 2:00	1.3241	33.3394	104.7331587	104.685962	0.403586	104.680171	
110	98	400	98.166666667	04/08/2010 4:00	04/08/2010 3:00	1.3463	33.3173	104.739882	104.692685	0.410352	104.686937	
110	98	500	98.208333333	04/08/2010 5:00	04/08/2010 4:00	1.3667	33.2970	104.7460601	104.698863	0.416570	104.693155	
110	98	600	98.250000000	04/08/2010 6:00	04/08/2010 5:00	1.395	33.2689	104.7546307	104.707434	0.425196	104.701781	
110	98	700	98.291666667	04/08/2010 7:00	04/08/2010 6:00	1.4191	33.2450	104.7619294	104.714732	0.432542	104.709127	
110	98	800	98.333333333	04/08/2010 8:00	04/08/2010 7:00	1.4443	33.2199	104.7695612	104.722364	0.440223	104.716808	
110	98	900	98.375000000	04/08/2010 9:00	04/08/2010 8:00	1.47	33.1944	104.7773444	104.730147	0.448056	104.724641	
110	98	1000	98.416666667	04/08/2010 10:00	04/08/2010 9:00	1.4872	33.1773	104.7825534	104.735356	0.453299	104.729884	
110	98	1100	98.458333333	04/08/2010 11:00	04/08/2010 10:00	1.4985	33.1661	104.7859756	104.738779	0.456743	104.733328	
110	98	1200	98.500000000	04/08/2010 12:00	04/08/2010 11:00	1.5032	33.1614	104.787399	104.740202	0.458175	104.734760	
110	98	1300	98.541666667	04/08/2010 13:00	04/08/2010 12:00	1.5274	33.1374	104.794728	104.747531	0.465552	104.742137	
110	98	1400	98.583333333	04/08/2010 14:00	04/08/2010 13:00	1.5351	33.1297	104.7970599	104.749863	0.467898	104.744484	
110	98	1500	98.625000000	04/08/2010 15:00	04/08/2010 14:00	1.5388	33.1260	104.7981805	104.750983	0.469026	104.745611	
110	98	1600	98.666666667	04/08/2010 16:00	04/08/2010 15:00	1.5436	33.1213	104.7996341	104.752437	0.470489	104.747074	
110	98	1700	98.708333333	04/08/2010 17:00	04/08/2010 16:00	1.5427	33.1222	104.7993616	104.752164	0.470215	104.746800	
110	98	1800	98.750000000	04/08/2010 18:00	04/08/2010 17:00	1.549	33.1159	104.8012695	104.754072	0.472135	104.748720	
110	98	1900	98.791666667	04/08/2010 19:00	04/08/2010 18:00	1.548	33.1169	104.8009667	104.753770	0.471830	104.748415	
110	98	2000	98.833333333	04/08/2010 20:00	04/08/2010 19:00	1.5504	33.1145	104.8016935	104.754496	0.472562	104.749147	
110	98	2100	98.875000000	04/08/2010 21:00	04/08/2010 20:00	1.5509	33.1140	104.8018449	104.754648	0.472714	104.749299	
110	98	2200	98.916666667	04/08/2010 22:00	04/08/2010 21:00	1.5499	33.1150	104.8015421	104.754345	0.472410	104.748995	
110	98	2300	98.958333333	04/08/2010 23:00	04/08/2010 22:00	1.5492	33.1157	104.8013301	104.754133	0.472196	104.748781	
110	99	0	99.000000000	04/09/2010 0:00	04/08/2010 23:00	1.5504	33.1145	104.8016935	104.754496	0.472562	104.749147	
110	99	100	99.041666667	04/09/2010 1:00	04/09/2010 0:00	1.5516	33.1133	104.8020569	104.754860	0.472928	104.749513	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	99	200	99.083333333	04/09/2010 2:00	04/09/2010 1:00	1.5596	33.1054	104.8044797	104.757283	0.475366	104.751951	
110	99	300	99.125000000	04/09/2010 3:00	04/09/2010 2:00	1.5671	33.0979	104.8067511	104.759554	0.477652	104.754237	
110	99	400	99.166666667	04/09/2010 4:00	04/09/2010 3:00	1.577	33.0881	104.8097493	104.762552	0.480670	104.757255	
110	99	500	99.208333333	04/09/2010 5:00	04/09/2010 4:00	1.5865	33.0787	104.8126264	104.765429	0.483565	104.760150	
110	99	600	99.250000000	04/09/2010 6:00	04/09/2010 5:00	1.5952	33.0700	104.8152612	104.768064	0.486217	104.762802	
110	99	700	99.291666667	04/09/2010 7:00	04/09/2010 6:00	1.5977	33.0675	104.8160183	104.768821	0.486979	104.763564	
110	99	800	99.333333333	04/09/2010 8:00	04/09/2010 7:00	1.6117	33.0536	104.8202582	104.773061	0.491246	104.767831	
110	99	900	99.375000000	04/09/2010 9:00	04/09/2010 8:00	1.6123	33.0530	104.8204399	104.773243	0.491429	104.768014	
110	99	1000	99.416666667	04/09/2010 10:00	04/09/2010 9:00	1.6117	33.0536	104.8202582	104.773061	0.491246	104.767831	
110	99	1100	99.458333333	04/09/2010 11:00	04/09/2010 10:00	1.6074	33.0579	104.8189559	104.771759	0.489936	104.766521	
110	99	1200	99.500000000	04/09/2010 12:00	04/09/2010 11:00	1.5802	33.0849	104.8107184	104.763521	0.481645	104.758230	
110	99	1300	99.541666667	04/09/2010 13:00	04/09/2010 12:00	1.5892	33.0760	104.8134441	104.766247	0.484388	104.760973	
110	99	1400	99.583333333	04/09/2010 14:00	04/09/2010 13:00	1.6202	33.0452	104.8228324	104.775635	0.493837	104.770422	
110	99	1500	99.625000000	04/09/2010 15:00	04/09/2010 14:00	1.6413	33.0242	104.8292225	104.782025	0.500268	104.776853	
110	99	1600	99.666666667	04/09/2010 16:00	04/09/2010 15:00	1.6427	33.0228	104.8296465	104.782449	0.500695	104.777280	
110	99	1700	99.708333333	04/09/2010 17:00	04/09/2010 16:00	1.6284	33.0370	104.8253158	104.778119	0.496336	104.772921	
110	99	1800	99.750000000	04/09/2010 18:00	04/09/2010 17:00	1.6323	33.0331	104.8264969	104.779300	0.497525	104.774110	
110	99	1900	99.791666667	04/09/2010 19:00	04/09/2010 18:00	1.6402	33.0253	104.8288894	104.781692	0.499933	104.776518	
110	99	2000	99.833333333	04/09/2010 20:00	04/09/2010 19:00	1.6435	33.0220	104.8298888	104.782692	0.500939	104.777524	
110	99	2100	99.875000000	04/09/2010 21:00	04/09/2010 20:00	1.6471	33.0184	104.830979	104.783782	0.502036	104.778621	
110	99	2200	99.916666667	04/09/2010 22:00	04/09/2010 21:00	1.6554	33.0102	104.8334927	104.786296	0.504566	104.781151	
110	99	2300	99.958333333	04/09/2010 23:00	04/09/2010 22:00	1.6611	33.0045	104.8352189	104.788022	0.506303	104.782888	
110	100	0	100.000000000	04/10/2010 0:00	04/09/2010 23:00	1.676	32.9897	104.8397314	104.792534	0.510845	104.787430	
110	100	100	100.041666667	04/10/2010 1:00	04/10/2010 0:00	1.6871	32.9787	104.843093	104.795896	0.514228	104.790813	
110	100	200	100.083333333	04/10/2010 2:00	04/10/2010 1:00	1.6986	32.9673	104.8465758	104.799379	0.517733	104.794318	
110	100	300	100.125000000	04/10/2010 3:00	04/10/2010 2:00	1.6784	32.9873	104.8404582	104.793261	0.511576	104.788161	
110	100	400	100.166666667	04/10/2010 4:00	04/10/2010 3:00	1.7036	32.9623	104.84809	104.800893	0.519257	104.795842	
110	100	500	100.208333333	04/10/2010 5:00	04/10/2010 4:00	1.6939	32.9719	104.8451524	104.797955	0.516301	104.792886	
110	100	600	100.250000000	04/10/2010 6:00	04/10/2010 5:00	1.7085	32.9574	104.849574	104.802377	0.520751	104.797336	
110	100	700	100.291666667	04/10/2010 7:00	04/10/2010 6:00	1.7078	32.9581	104.849362	104.802165	0.520537	104.797122	
110	100	800	100.333333333	04/10/2010 8:00	04/10/2010 7:00	1.7099	32.9560	104.849998	104.802801	0.521178	104.797763	
110	100	900	100.375000000	04/10/2010 9:00	04/10/2010 8:00	1.7162	32.9498	104.8519059	104.804709	0.523098	104.799683	
110	100	1000	100.416666667	04/10/2010 10:00	04/10/2010 9:00	1.7215	32.9445	104.853511	104.806314	0.524713	104.801298	
110	100	1100	100.458333333	04/10/2010 11:00	04/10/2010 10:00	1.7198	32.9462	104.8529962	104.805799	0.524195	104.800780	
110	100	1200	100.500000000	04/10/2010 12:00	04/10/2010 11:00	1.7258	32.9402	104.8548133	104.807616	0.526024	104.802609	
110	100	1300	100.541666667	04/10/2010 13:00	04/10/2010 12:00	1.7255	32.9405	104.8547224	104.807525	0.525932	104.802517	
110	100	1400	100.583333333	04/10/2010 14:00	04/10/2010 13:00	1.7294	32.9367	104.8559035	104.808706	0.527121	104.803706	
110	100	1500	100.625000000	04/10/2010 15:00	04/10/2010 14:00	1.7546	32.9116	104.8635353	104.816338	0.534802	104.811387	
110	100	1600	100.666666667	04/10/2010 16:00	04/10/2010 15:00	1.7604	32.9059	104.8652919	104.818095	0.536570	104.813155	
110	100	1700	100.708333333	04/10/2010 17:00	04/10/2010 16:00	1.7607	32.9056	104.8653827	104.818186	0.536661	104.813246	
110	100	1800	100.750000000	04/10/2010 18:00	04/10/2010 17:00	1.7617	32.9046	104.8656856	104.818488	0.536966	104.813551	
110	100	1900	100.791666667	04/10/2010 19:00	04/10/2010 18:00	1.7619	32.9044	104.8657461	104.818549	0.537027	104.813612	
110	100	2000	100.833333333	04/10/2010 20:00	04/10/2010 19:00	1.7622	32.9041	104.865837	104.818640	0.537119	104.813704	
110	100	2100	100.875000000	04/10/2010 21:00	04/10/2010 20:00	1.7404	32.9257	104.8592349	104.812038	0.530474	104.807059	
110	100	2200	100.916666667	04/10/2010 22:00	04/10/2010 21:00	1.7392	32.9269	104.8588715	104.811674	0.530108	104.806693	
110	100	2300	100.958333333	04/10/2010 23:00	04/10/2010 22:00	1.7431	32.9231	104.8600526	104.812855	0.531297	104.807882	
110	101	0	101.000000000	04/11/2010 0:00	04/10/2010 23:00	1.7656	32.9007	104.8668667	104.819670	0.538155	104.814740	
110	101	100	101.041666667	04/11/2010 1:00	04/11/2010 0:00	1.7418	32.9243	104.8596589	104.812462	0.530901	104.807486	
110	101	200	101.083333333	04/11/2010 2:00	04/11/2010 1:00	1.7593	32.9070	104.8649587	104.817762	0.536235	104.812820	
110	101	300	101.125000000	04/11/2010 3:00	04/11/2010 2:00	1.769	32.8973	104.8678964	104.820699	0.539191	104.815776	
110	101	400	101.166666667	04/11/2010 4:00	04/11/2010 3:00	1.7673	32.8990	104.8673815	104.820184	0.538673	104.815258	
110	101	500	101.208333333	04/11/2010 5:00	04/11/2010 4:00	1.7722	32.8941	104.8688655	104.821668	0.540167	104.816752	
110	101	600	101.250000000	04/11/2010 6:00	04/11/2010 5:00	1.7634	32.9029	104.8662004	104.819003	0.537484	104.814069	
110	101	700	101.291666667	04/11/2010 7:00	04/11/2010 6:00	1.7484	32.9178	104.8616577	104.814461	0.532912	104.809497	
110	101	800	101.333333333	04/11/2010 8:00	04/11/2010 7:00	1.7451	32.9211	104.8606583	104.813461	0.531906	104.808492	
110	101	900	101.375000000	04/11/2010 9:00	04/11/2010 8:00	1.746	32.9202	104.8609308	104.813734	0.532181	104.808766	
110	101	1000	101.416666667	04/11/2010 10:00	04/11/2010 9:00	1.7466	32.9196	104.8611126	104.813915	0.532364	104.808949	
110	101	1100	101.458333333	04/11/2010 11:00	04/11/2010 10:00	1.7444	32.9218	104.8604463	104.813249	0.531693	104.808278	
110	101	1200	101.500000000	04/11/2010 12:00	04/11/2010 11:00	1.7507	32.9155	104.8623542	104.815157	0.533613	104.810198	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	101	1300	101.541666667	04/11/2010 13:00	04/11/2010 12:00	1.7624	32.9039	104.8658976	104.818700	0.537180	104.813765	
110	101	1400	101.583333333	04/11/2010 14:00	04/11/2010 13:00	1.7517	32.9145	104.8626571	104.815460	0.533918	104.810503	
110	101	1500	101.625000000	04/11/2010 15:00	04/11/2010 14:00	1.7563	32.9099	104.8640502	104.816853	0.535320	104.811905	
110	101	1600	101.666666667	04/11/2010 16:00	04/11/2010 15:00	1.7916	32.8749	104.8747408	104.827544	0.546080	104.822665	
110	101	1700	101.708333333	04/11/2010 17:00	04/11/2010 16:00	1.7888	32.8776	104.8738928	104.826696	0.545226	104.821811	
110	101	1800	101.750000000	04/11/2010 18:00	04/11/2010 17:00	1.7941	32.8724	104.8754979	104.828301	0.546842	104.823427	
110	101	1900	101.791666667	04/11/2010 19:00	04/11/2010 18:00	1.7953	32.8712	104.8758613	104.828664	0.547207	104.823792	
110	101	2000	101.833333333	04/11/2010 20:00	04/11/2010 19:00	1.7861	32.8803	104.8730751	104.825878	0.544403	104.820988	
110	101	2100	101.875000000	04/11/2010 21:00	04/11/2010 20:00	1.7893	32.8772	104.8740442	104.826847	0.545379	104.821964	
110	101	2200	101.916666667	04/11/2010 22:00	04/11/2010 21:00	1.8038	32.8627	104.8784355	104.831238	0.549798	104.826383	
110	101	2300	101.958333333	04/11/2010 23:00	04/11/2010 22:00	1.8031	32.8634	104.8782235	104.831026	0.549585	104.826170	
110	102	0	102.000000000	04/12/2010 0:00	04/11/2010 23:00	1.7956	32.8709	104.8759522	104.828755	0.547299	104.823884	
110	102	100	102.041666667	04/12/2010 1:00	04/12/2010 0:00	1.7976	32.8689	104.8765579	104.829361	0.547908	104.824494	
110	102	200	102.083333333	04/12/2010 2:00	04/12/2010 1:00	1.7675	32.8988	104.8674421	104.820245	0.538734	104.815319	
110	102	300	102.125000000	04/12/2010 3:00	04/12/2010 2:00	1.7665	32.8998	104.8671393	104.819942	0.538429	104.815014	
110	102	400	102.166666667	04/12/2010 4:00	04/12/2010 3:00	1.7724	32.8939	104.8689261	104.821729	0.540228	104.816813	
110	102	500	102.208333333	04/12/2010 5:00	04/12/2010 4:00	1.7901	32.8764	104.8742865	104.827089	0.545622	104.822208	
110	102	600	102.250000000	04/12/2010 6:00	04/12/2010 5:00	1.7807	32.8857	104.8714397	104.824243	0.542757	104.819342	
110	102	700	102.291666667	04/12/2010 7:00	04/12/2010 6:00	1.767	32.8993	104.8672907	104.820094	0.538582	104.815167	
110	102	800	102.333333333	04/12/2010 8:00	04/12/2010 7:00	1.7607	32.9056	104.8653827	104.818186	0.536661	104.813246	
110	102	900	102.375000000	04/12/2010 9:00	04/12/2010 8:00	1.7521	32.9141	104.8627782	104.815581	0.534040	104.810625	
110	102	1000	102.416666667	04/12/2010 10:00	04/12/2010 9:00	1.7505	32.9157	104.8622937	104.815097	0.533552	104.810137	
110	102	1100	102.458333333	04/12/2010 11:00	04/12/2010 10:00	1.7597	32.9066	104.8650799	104.817883	0.536357	104.812942	
110	102	1200	102.500000000	04/12/2010 12:00	04/12/2010 11:00	1.7508	32.9154	104.8623845	104.815187	0.533644	104.810229	
110	102	1300	102.541666667	04/12/2010 13:00	04/12/2010 12:00	1.7624	32.9039	104.8658976	104.818700	0.537180	104.813765	
110	102	1400	102.583333333	04/12/2010 14:00	04/12/2010 13:00	1.7604	32.9059	104.8652919	104.818095	0.536570	104.813155	
110	102	1500	102.625000000	04/12/2010 15:00	04/12/2010 14:00	1.7715	32.8948	104.8686535	104.821456	0.539953	104.816538	
110	102	1600	102.666666667	04/12/2010 16:00	04/12/2010 15:00	1.7757	32.8907	104.8699255	104.822728	0.541233	104.817818	
110	102	1700	102.708333333	04/12/2010 17:00	04/12/2010 16:00	1.7679	32.8984	104.8675632	104.820366	0.538856	104.815441	
110	102	1800	102.750000000	04/12/2010 18:00	04/12/2010 17:00	1.7798	32.8866	104.8711671	104.823970	0.542483	104.819068	
110	102	1900	102.791666667	04/12/2010 19:00	04/12/2010 18:00	1.774	32.8924	104.8694106	104.822214	0.540715	104.817300	
110	102	2000	102.833333333	04/12/2010 20:00	04/12/2010 19:00	1.7747	32.8917	104.8696226	104.822426	0.540929	104.817514	
110	102	2100	102.875000000	04/12/2010 21:00	04/12/2010 20:00	1.7702	32.8961	104.8682598	104.821063	0.539557	104.816142	
110	102	2200	102.916666667	04/12/2010 22:00	04/12/2010 21:00	1.7664	32.8999	104.867109	104.819912	0.538399	104.814984	
110	102	2300	102.958333333	04/12/2010 23:00	04/12/2010 22:00	1.7661	32.9002	104.8670181	104.819821	0.538307	104.814892	
110	103	0	103.000000000	04/13/2010 0:00	04/12/2010 23:00	1.7673	32.8990	104.8673815	104.820184	0.538673	104.815258	
110	103	100	103.041666667	04/13/2010 1:00	04/13/2010 0:00	1.7642	32.9021	104.8664427	104.819246	0.537728	104.814313	
110	103	200	103.083333333	04/13/2010 2:00	04/13/2010 1:00	1.7673	32.8990	104.8673815	104.820184	0.538673	104.815258	
110	103	300	103.125000000	04/13/2010 3:00	04/13/2010 2:00	1.7673	32.8990	104.8673815	104.820184	0.538673	104.815258	
110	103	400	103.166666667	04/13/2010 4:00	04/13/2010 3:00	1.7654	32.9009	104.8668061	104.819609	0.538094	104.814679	
110	103	500	103.208333333	04/13/2010 5:00	04/13/2010 4:00	1.7635	32.9028	104.8662307	104.819034	0.537515	104.814100	
110	103	600	103.250000000	04/13/2010 6:00	04/13/2010 5:00	1.7557	32.9105	104.8638685	104.816671	0.535137	104.811722	
110	103	700	103.291666667	04/13/2010 7:00	04/13/2010 6:00	1.7266	32.9395	104.8550556	104.807858	0.526268	104.802853	
110	103	800	103.333333333	04/13/2010 8:00	04/13/2010 7:00	1.7166	32.9494	104.8520271	104.804830	0.523220	104.799805	
110	103	900	103.375000000	04/13/2010 9:00	04/13/2010 8:00	1.7092	32.9567	104.849786	104.802589	0.520964	104.797549	
110	103	1000	103.416666667	04/13/2010 10:00	04/13/2010 9:00	1.6974	32.9685	104.8462124	104.799015	0.517368	104.793953	
110	103	1100	103.458333333	04/13/2010 11:00	04/13/2010 10:00	1.7071	32.9588	104.84915	104.801953	0.520324	104.796909	
110	103	1200	103.500000000	04/13/2010 12:00	04/13/2010 11:00	1.6725	32.9932	104.8386714	104.791474	0.509778	104.786363	
110	103	1300	103.541666667	04/13/2010 13:00	04/13/2010 12:00	1.7042	32.9617	104.8482717	104.801075	0.519440	104.796025	
110	103	1400	103.583333333	04/13/2010 14:00	04/13/2010 13:00	1.6953	32.9705	104.8455764	104.798379	0.516727	104.793312	
110	103	1500	103.625000000	04/13/2010 15:00	04/13/2010 14:00	1.6969	32.9690	104.8460609	104.798864	0.517215	104.793800	
110	103	1600	103.666666667	04/13/2010 16:00	04/13/2010 15:00	1.6742	32.9915	104.8391863	104.791989	0.510296	104.786881	
110	103	1700	103.708333333	04/13/2010 17:00	04/13/2010 16:00	1.6953	32.9705	104.8455764	104.798379	0.516727	104.793312	
110	103	1800	103.750000000	04/13/2010 18:00	04/13/2010 17:00	1.689	32.9768	104.8436684	104.796471	0.514807	104.791392	
110	103	1900	103.791666667	04/13/2010 19:00	04/13/2010 18:00	1.6967	32.9692	104.8460004	104.798803	0.517154	104.793739	
110	103	2000	103.833333333	04/13/2010 20:00	04/13/2010 19:00	1.7006	32.9653	104.8471815	104.799984	0.518343	104.794928	
110	103	2100	103.875000000	04/13/2010 21:00	04/13/2010 20:00	1.7016	32.9643	104.8474843	104.800287	0.518648	104.795233	
110	103	2200	103.916666667	04/13/2010 22:00	04/13/2010 21:00	1.7012	32.9647	104.8473632	104.800166	0.518526	104.795111	
110	103	2300	103.958333333	04/13/2010 23:00	04/13/2010 22:00	1.6956	32.9703	104.8456672	104.798470	0.516819	104.793404	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	104	0	104.000000000	04/14/2010 0:00	04/13/2010 23:00	1.6975	32.9684	104.8462427	104.799046	0.517398	104.793983	
110	104	100	104.041666667	04/14/2010 1:00	04/14/2010 0:00	1.6942	32.9716	104.8452433	104.798046	0.516392	104.792977	
110	104	200	104.083333333	04/14/2010 2:00	04/14/2010 1:00	1.6922	32.9736	104.8446376	104.797440	0.515783	104.792368	
110	104	300	104.125000000	04/14/2010 3:00	04/14/2010 2:00	1.6903	32.9755	104.8440621	104.796865	0.515203	104.791788	
110	104	400	104.166666667	04/14/2010 4:00	04/14/2010 3:00	1.6903	32.9755	104.8440621	104.796865	0.515203	104.791788	
110	104	500	104.208333333	04/14/2010 5:00	04/14/2010 4:00	1.6838	32.9820	104.8420936	104.794897	0.513222	104.789807	
110	104	600	104.250000000	04/14/2010 6:00	04/14/2010 5:00	1.6491	33.0165	104.8315847	104.784388	0.502646	104.779231	
110	104	700	104.291666667	04/14/2010 7:00	04/14/2010 6:00	1.6457	33.0198	104.8305551	104.783358	0.501609	104.778194	
110	104	800	104.333333333	04/14/2010 8:00	04/14/2010 7:00	1.643	33.0225	104.8297374	104.782540	0.500786	104.777371	
110	104	900	104.375000000	04/14/2010 9:00	04/14/2010 8:00	1.6335	33.0320	104.8268603	104.779663	0.497891	104.774476	
110	104	1000	104.416666667	04/14/2010 10:00	04/14/2010 9:00	1.6328	33.0326	104.8266483	104.779451	0.497677	104.774262	
110	104	1100	104.458333333	04/14/2010 11:00	04/14/2010 10:00	1.6277	33.0377	104.8251038	104.777907	0.496123	104.772708	
110	104	1200	104.500000000	04/14/2010 12:00	04/14/2010 11:00	1.6274	33.0380	104.8250129	104.777816	0.496032	104.772617	
110	104	1300	104.541666667	04/14/2010 13:00	04/14/2010 12:00	1.6463	33.0192	104.8307368	104.783540	0.501792	104.778377	
110	104	1400	104.583333333	04/14/2010 14:00	04/14/2010 13:00	1.6366	33.0289	104.8277991	104.780602	0.498836	104.775421	
110	104	1500	104.625000000	04/14/2010 15:00	04/14/2010 14:00	1.6201	33.0453	104.8228021	104.775605	0.493806	104.770392	
110	104	1600	104.666666667	04/14/2010 16:00	04/14/2010 15:00	1.6579	33.0077	104.8342498	104.787053	0.505328	104.781913	
110	104	1700	104.708333333	04/14/2010 17:00	04/14/2010 16:00	1.6482	33.0173	104.8313122	104.784115	0.502371	104.778956	
110	104	1800	104.750000000	04/14/2010 18:00	04/14/2010 17:00	1.6472	33.0183	104.8310093	104.783812	0.502067	104.778652	
110	104	1900	104.791666667	04/14/2010 19:00	04/14/2010 18:00	1.6441	33.0214	104.8300705	104.782873	0.501122	104.777707	
110	104	2000	104.833333333	04/14/2010 20:00	04/14/2010 19:00	1.6422	33.0233	104.8294951	104.782298	0.500543	104.777128	
110	104	2100	104.875000000	04/14/2010 21:00	04/14/2010 20:00	1.642	33.0235	104.8294345	104.782237	0.500482	104.777067	
110	104	2200	104.916666667	04/14/2010 22:00	04/14/2010 21:00	1.6167	33.0486	104.8217724	104.774575	0.492770	104.769355	
110	104	2300	104.958333333	04/14/2010 23:00	04/14/2010 22:00	1.6408	33.0247	104.8290711	104.781874	0.500116	104.776701	
110	105	0	105.000000000	04/15/2010 0:00	04/14/2010 23:00	1.6381	33.0274	104.8282534	104.781056	0.499293	104.775878	
110	105	100	105.041666667	04/15/2010 1:00	04/15/2010 0:00	1.6352	33.0303	104.8273751	104.780178	0.498409	104.774994	
110	105	200	105.083333333	04/15/2010 2:00	04/15/2010 1:00	1.6352	33.0303	104.8273751	104.780178	0.498409	104.774994	
110	105	300	105.125000000	04/15/2010 3:00	04/15/2010 2:00	1.6335	33.0320	104.8268603	104.779663	0.497891	104.774476	
110	105	400	105.166666667	04/15/2010 4:00	04/15/2010 3:00	1.6282	33.0372	104.8252552	104.778058	0.496275	104.772860	
110	105	500	105.208333333	04/15/2010 5:00	04/15/2010 4:00	1.6273	33.0381	104.8249826	104.777786	0.496001	104.772586	
110	105	600	105.250000000	04/15/2010 6:00	04/15/2010 5:00	1.6011	33.0641	104.817048	104.769851	0.488015	104.764600	
110	105	700	105.291666667	04/15/2010 7:00	04/15/2010 6:00	1.6224	33.0430	104.8234987	104.776302	0.494508	104.771093	
110	105	800	105.333333333	04/15/2010 8:00	04/15/2010 7:00	1.593	33.0722	104.8145949	104.767398	0.485546	104.762131	
110	105	900	105.375000000	04/15/2010 9:00	04/15/2010 8:00	1.5872	33.0780	104.8128384	104.765641	0.483779	104.760364	
110	105	1000	105.416666667	04/15/2010 10:00	04/15/2010 9:00	1.5865	33.0787	104.8126264	104.765429	0.483565	104.760150	
110	105	1100	105.458333333	04/15/2010 11:00	04/15/2010 10:00	1.5831	33.0820	104.8115967	104.764400	0.482529	104.759114	
110	105	1200	105.500000000	04/15/2010 12:00	04/15/2010 11:00	1.5831	33.0820	104.8115967	104.764400	0.482529	104.759114	
110	105	1300	105.541666667	04/15/2010 13:00	04/15/2010 12:00	1.5836	33.0815	104.8117481	104.764551	0.482681	104.759266	
110	105	1400	105.583333333	04/15/2010 14:00	04/15/2010 13:00	1.5826	33.0825	104.8114453	104.764248	0.482376	104.758962	
110	105	1500	105.625000000	04/15/2010 15:00	04/15/2010 14:00	1.5988	33.0664	104.8163514	104.769154	0.487314	104.763899	
110	105	1600	105.666666667	04/15/2010 16:00	04/15/2010 15:00	1.6107	33.0546	104.8199553	104.772758	0.490941	104.767526	
110	105	1700	105.708333333	04/15/2010 17:00	04/15/2010 16:00	1.6162	33.0491	104.821621	104.774424	0.492618	104.769203	
110	105	1800	105.750000000	04/15/2010 18:00	04/15/2010 17:00	1.6201	33.0453	104.8228021	104.775605	0.493806	104.770392	
110	105	1900	105.791666667	04/15/2010 19:00	04/15/2010 18:00	1.6262	33.0392	104.8246495	104.777452	0.495666	104.772251	
110	105	2000	105.833333333	04/15/2010 20:00	04/15/2010 19:00	1.6277	33.0377	104.8251038	104.777907	0.496123	104.772708	
110	105	2100	105.875000000	04/15/2010 21:00	04/15/2010 20:00	1.6323	33.0331	104.8264969	104.779300	0.497525	104.774110	
110	105	2200	105.916666667	04/15/2010 22:00	04/15/2010 21:00	1.6376	33.0279	104.828102	104.780905	0.499140	104.775726	
110	105	2300	105.958333333	04/15/2010 23:00	04/15/2010 22:00	1.6357	33.0298	104.8275266	104.780329	0.498561	104.775146	
110	106	0	106.000000000	04/16/2010 0:00	04/15/2010 23:00	1.6454	33.0201	104.8304642	104.783267	0.501518	104.778103	
110	106	100	106.041666667	04/16/2010 1:00	04/16/2010 0:00	1.6471	33.0184	104.830979	104.783782	0.502036	104.778621	
110	106	200	106.083333333	04/16/2010 2:00	04/16/2010 1:00	1.6491	33.0165	104.8315847	104.784388	0.502646	104.779231	
110	106	300	106.125000000	04/16/2010 3:00	04/16/2010 2:00	1.6554	33.0102	104.8334927	104.786296	0.504566	104.781151	
110	106	400	106.166666667	04/16/2010 4:00	04/16/2010 3:00	1.6559	33.0097	104.8336441	104.786447	0.504718	104.781303	
110	106	500	106.208333333	04/16/2010 5:00	04/16/2010 4:00	1.6439	33.0216	104.8300099	104.782813	0.501061	104.777646	
110	106	600	106.250000000	04/16/2010 6:00	04/16/2010 5:00	1.6345	33.0310	104.8271631	104.779966	0.498196	104.774781	
110	106	700	106.291666667	04/16/2010 7:00	04/16/2010 6:00	1.6302	33.0352	104.8258609	104.778664	0.496885	104.773470	
110	106	800	106.333333333	04/16/2010 8:00	04/16/2010 7:00	1.6326	33.0328	104.8265877	104.779391	0.497616	104.774202	
110	106	900	106.375000000	04/16/2010 9:00	04/16/2010 8:00	1.6268	33.0386	104.8248312	104.777634	0.495849	104.772434	
110	106	1000	106.416666667	04/16/2010 10:00	04/16/2010 9:00	1.6124	33.0529	104.8204702	104.773273	0.491460	104.768045	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	106	1100	106.458333333	04/16/2010 11:00	04/16/2010 10:00	1.6216	33.0438	104.8232564	104.776059	0.494264	104.770849	
110	106	1200	106.500000000	04/16/2010 12:00	04/16/2010 11:00	1.6233	33.0421	104.8237712	104.776574	0.494782	104.771367	
110	106	1300	106.541666667	04/16/2010 13:00	04/16/2010 12:00	1.6143	33.0510	104.8210456	104.773848	0.492039	104.768624	
110	106	1400	106.583333333	04/16/2010 14:00	04/16/2010 13:00	1.6155	33.0498	104.821409	104.774212	0.492404	104.768989	
110	106	1500	106.625000000	04/16/2010 15:00	04/16/2010 14:00	1.654	33.0116	104.8330687	104.785872	0.504139	104.780724	
110	106	1600	106.666666667	04/16/2010 16:00	04/16/2010 15:00	1.6547	33.0109	104.8332807	104.786084	0.504353	104.780938	
110	106	1700	106.708333333	04/16/2010 17:00	04/16/2010 16:00	1.6569	33.0087	104.833947	104.786750	0.505023	104.781608	
110	106	1800	106.750000000	04/16/2010 18:00	04/16/2010 17:00	1.6504	33.0152	104.8319785	104.784781	0.503042	104.779627	
110	106	1900	106.791666667	04/16/2010 19:00	04/16/2010 18:00	1.6521	33.0135	104.8324933	104.785296	0.503560	104.780145	
110	106	2000	106.833333333	04/16/2010 20:00	04/16/2010 19:00	1.6553	33.0103	104.8334624	104.786265	0.504535	104.781120	
110	106	2100	106.875000000	04/16/2010 21:00	04/16/2010 20:00	1.6548	33.0108	104.833311	104.786114	0.504383	104.780968	
110	106	2200	106.916666667	04/16/2010 22:00	04/16/2010 21:00	1.6567	33.0089	104.8338864	104.786689	0.504962	104.781547	
110	106	2300	106.958333333	04/16/2010 23:00	04/16/2010 22:00	1.6558	33.0098	104.8336138	104.786417	0.504688	104.781273	
110	107	0	107.000000000	04/17/2010 0:00	04/16/2010 23:00	1.657	33.0086	104.8339773	104.786780	0.505054	104.781639	
110	107	100	107.041666667	04/17/2010 1:00	04/17/2010 0:00	1.6643	33.0014	104.8361881	104.788991	0.507279	104.783864	
110	107	200	107.083333333	04/17/2010 2:00	04/17/2010 1:00	1.6619	33.0037	104.8354612	104.788264	0.506547	104.783132	
110	107	300	107.125000000	04/17/2010 3:00	04/17/2010 2:00	1.6618	33.0038	104.8354309	104.788234	0.506517	104.783102	
110	107	400	107.166666667	04/17/2010 4:00	04/17/2010 3:00	1.6773	32.9884	104.8401251	104.792928	0.511241	104.787826	
110	107	500	107.208333333	04/17/2010 5:00	04/17/2010 4:00	1.6824	32.9834	104.8416696	104.794473	0.512796	104.789381	
110	107	600	107.250000000	04/17/2010 6:00	04/17/2010 5:00	1.6711	32.9946	104.8382474	104.791050	0.509351	104.785936	
110	107	700	107.291666667	04/17/2010 7:00	04/17/2010 6:00	1.6677	32.9980	104.8372177	104.790021	0.508315	104.784900	
110	107	800	107.333333333	04/17/2010 8:00	04/17/2010 7:00	1.6759	32.9898	104.8397011	104.792504	0.510814	104.787399	
110	107	900	107.375000000	04/17/2010 9:00	04/17/2010 8:00	1.6762	32.9895	104.839792	104.792595	0.510906	104.787491	
110	107	1000	107.416666667	04/17/2010 10:00	04/17/2010 9:00	1.68	32.9858	104.8409428	104.793746	0.512064	104.788649	
110	107	1100	107.458333333	04/17/2010 11:00	04/17/2010 10:00	1.6776	32.9881	104.840216	104.793019	0.511332	104.787918	
110	107	1200	107.500000000	04/17/2010 12:00	04/17/2010 11:00	1.6763	32.9894	104.8398222	104.792625	0.510936	104.787521	
110	107	1300	107.541666667	04/17/2010 13:00	04/17/2010 12:00	1.6794	32.9863	104.8407611	104.793564	0.511881	104.788466	
110	107	1400	107.583333333	04/17/2010 14:00	04/17/2010 13:00	1.6724	32.9933	104.8386411	104.791444	0.509748	104.786333	
110	107	1500	107.625000000	04/17/2010 15:00	04/17/2010 14:00	1.6811	32.9847	104.8412759	104.794079	0.512399	104.788984	
110	107	1600	107.666666667	04/17/2010 16:00	04/17/2010 15:00	1.6766	32.9891	104.8399131	104.792716	0.511028	104.787613	
110	107	1700	107.708333333	04/17/2010 17:00	04/17/2010 16:00	1.6763	32.9894	104.8398222	104.792625	0.510936	104.787521	
110	107	1800	107.750000000	04/17/2010 18:00	04/17/2010 17:00	1.6734	32.9923	104.838944	104.791747	0.510052	104.786637	
110	107	1900	107.791666667	04/17/2010 19:00	04/17/2010 18:00	1.6717	32.9940	104.8384291	104.791232	0.509534	104.786119	
110	107	2000	107.833333333	04/17/2010 20:00	04/17/2010 19:00	1.6722	32.9935	104.8385806	104.791383	0.509687	104.786272	
110	107	2100	107.875000000	04/17/2010 21:00	04/17/2010 20:00	1.6732	32.9925	104.8388834	104.791686	0.509991	104.786576	
110	107	2200	107.916666667	04/17/2010 22:00	04/17/2010 21:00	1.6696	32.9961	104.8377932	104.790596	0.508894	104.785479	
110	107	2300	107.958333333	04/17/2010 23:00	04/17/2010 22:00	1.6691	32.9966	104.8376417	104.790445	0.508742	104.785327	
110	108	0	108.000000000	04/18/2010 0:00	04/17/2010 23:00	1.6647	33.0010	104.8363092	104.789112	0.507401	104.783986	
110	108	100	108.041666667	04/18/2010 1:00	04/18/2010 0:00	1.6656	33.0001	104.8365818	104.789385	0.507675	104.784260	
110	108	200	108.083333333	04/18/2010 2:00	04/18/2010 1:00	1.6597	33.0059	104.834795	104.787598	0.505877	104.782462	
110	108	300	108.125000000	04/18/2010 3:00	04/18/2010 2:00	1.658	33.0076	104.8342801	104.787083	0.505358	104.781943	
110	108	400	108.166666667	04/18/2010 4:00	04/18/2010 3:00	1.6573	33.0083	104.8340681	104.786871	0.505145	104.781730	
110	108	500	108.208333333	04/18/2010 5:00	04/18/2010 4:00	1.6554	33.0102	104.8334927	104.786296	0.504566	104.781151	
110	108	600	108.250000000	04/18/2010 6:00	04/18/2010 5:00	1.6304	33.0350	104.8259215	104.778724	0.496946	104.773531	
110	108	700	108.291666667	04/18/2010 7:00	04/18/2010 6:00	1.6263	33.0391	104.8246798	104.777483	0.495696	104.772281	
110	108	800	108.333333333	04/18/2010 8:00	04/18/2010 7:00	1.6222	33.0432	104.8234381	104.776241	0.494447	104.771032	
110	108	900	108.375000000	04/18/2010 9:00	04/18/2010 8:00	1.6187	33.0467	104.8223781	104.775181	0.493380	104.769965	
110	108	1000	108.416666667	04/18/2010 10:00	04/18/2010 9:00	1.6277	33.0377	104.8251038	104.777907	0.496123	104.772708	
110	108	1100	108.458333333	04/18/2010 11:00	04/18/2010 10:00	1.633	33.0325	104.8267089	104.779512	0.497738	104.774323	
110	108	1200	108.500000000	04/18/2010 12:00	04/18/2010 11:00	1.6272	33.0382	104.8249523	104.777755	0.495971	104.772556	
110	108	1300	108.541666667	04/18/2010 13:00	04/18/2010 12:00	1.6272	33.0382	104.8249523	104.777755	0.495971	104.772556	
110	108	1400	108.583333333	04/18/2010 14:00	04/18/2010 13:00	1.6291	33.0363	104.8255278	104.778331	0.496550	104.773135	
110	108	1500	108.625000000	04/18/2010 15:00	04/18/2010 14:00	1.6259	33.0395	104.8245586	104.777362	0.495574	104.772159	
110	108	1600	108.666666667	04/18/2010 16:00	04/18/2010 15:00	1.6261	33.0393	104.8246192	104.777422	0.495635	104.772220	
110	108	1700	108.708333333	04/18/2010 17:00	04/18/2010 16:00	1.6326	33.0328	104.8265877	104.779391	0.497616	104.774202	
110	108	1800	108.750000000	04/18/2010 18:00	04/18/2010 17:00	1.6309	33.0345	104.8260729	104.778876	0.497098	104.773683	
110	108	1900	108.791666667	04/18/2010 19:00	04/18/2010 18:00	1.632	33.0334	104.826406	104.779209	0.497434	104.774019	
110	108	2000	108.833333333	04/18/2010 20:00	04/18/2010 19:00	1.6364	33.0291	104.8277386	104.780541	0.498775	104.775360	
110	108	2100	108.875000000	04/18/2010 21:00	04/18/2010 20:00	1.6355	33.0300	104.827466	104.780269	0.498500	104.775085	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	108	2200	108.916666667	04/18/2010 22:00	04/18/2010 21:00	1.6359	33.0296	104.8275871	104.780390	0.498622	104.775207	
110	108	2300	108.958333333	04/18/2010 23:00	04/18/2010 22:00	1.6364	33.0291	104.8277386	104.780541	0.498775	104.775360	
110	109	0	109.000000000	04/19/2010 0:00	04/18/2010 23:00	1.6366	33.0289	104.8277991	104.780602	0.498836	104.775421	
110	109	100	109.041666667	04/19/2010 1:00	04/19/2010 0:00	1.6396	33.0259	104.8287077	104.781511	0.499750	104.776335	
110	109	200	109.083333333	04/19/2010 2:00	04/19/2010 1:00	1.6394	33.0261	104.8286471	104.781450	0.499689	104.776274	
110	109	300	109.125000000	04/19/2010 3:00	04/19/2010 2:00	1.6367	33.0288	104.8278294	104.780632	0.498866	104.775451	
110	109	400	109.166666667	04/19/2010 4:00	04/19/2010 3:00	1.6384	33.0271	104.8283443	104.781147	0.499384	104.775969	
110	109	500	109.208333333	04/19/2010 5:00	04/19/2010 4:00	1.6393	33.0262	104.8286168	104.781420	0.499659	104.776244	
110	109	600	109.250000000	04/19/2010 6:00	04/19/2010 5:00	1.6393	33.0262	104.8286168	104.781420	0.499659	104.776244	
110	109	700	109.291666667	04/19/2010 7:00	04/19/2010 6:00	1.6388	33.0267	104.8284654	104.781268	0.499506	104.776091	
110	109	800	109.333333333	04/19/2010 8:00	04/19/2010 7:00	1.6374	33.0281	104.8280414	104.780844	0.499080	104.775665	
110	109	900	109.375000000	04/19/2010 9:00	04/19/2010 8:00	1.6291	33.0363	104.8255278	104.778331	0.496550	104.773135	
110	109	1000	109.416666667	04/19/2010 10:00	04/19/2010 9:00	1.6267	33.0387	104.8248009	104.777604	0.495818	104.772403	
110	109	1100	109.458333333	04/19/2010 11:00	04/19/2010 10:00	1.6293	33.0361	104.8255883	104.778391	0.496611	104.773196	
110	109	1200	109.500000000	04/19/2010 12:00	04/19/2010 11:00	1.6252	33.0402	104.8243466	104.777150	0.495361	104.771946	
110	109	1300	109.541666667	04/19/2010 13:00	04/19/2010 12:00	1.6192	33.0462	104.8225296	104.775332	0.493532	104.770117	
110	109	1400	109.583333333	04/19/2010 14:00	04/19/2010 13:00	1.6174	33.0480	104.8219844	104.774787	0.492984	104.769569	
110	109	1500	109.625000000	04/19/2010 15:00	04/19/2010 14:00	1.6199	33.0455	104.8227415	104.775544	0.493746	104.770331	
110	109	1600	109.666666667	04/19/2010 16:00	04/19/2010 15:00	1.6169	33.0484	104.821833	104.774636	0.492831	104.769416	
110	109	1700	109.708333333	04/19/2010 17:00	04/19/2010 16:00	1.6169	33.0484	104.821833	104.774636	0.492831	104.769416	
110	109	1800	109.750000000	04/19/2010 18:00	04/19/2010 17:00	1.6181	33.0473	104.8221964	104.774999	0.493197	104.769782	
110	109	1900	109.791666667	04/19/2010 19:00	04/19/2010 18:00	1.6251	33.0403	104.8243164	104.777119	0.495330	104.771916	
110	109	2000	109.833333333	04/19/2010 20:00	04/19/2010 19:00	1.634	33.0315	104.8270117	104.779815	0.498043	104.774628	
110	109	2100	109.875000000	04/19/2010 21:00	04/19/2010 20:00	1.6421	33.0234	104.8294648	104.782268	0.500512	104.777097	
110	109	2200	109.916666667	04/19/2010 22:00	04/19/2010 21:00	1.6473	33.0182	104.8310396	104.783843	0.502097	104.778682	
110	109	2300	109.958333333	04/19/2010 23:00	04/19/2010 22:00	1.6509	33.0147	104.8321299	104.784933	0.503194	104.779779	
110	110	0	110.000000000	04/20/2010 0:00	04/19/2010 23:00	1.6611	33.0045	104.8352189	104.788022	0.506303	104.782888	
110	110	100	110.041666667	04/20/2010 1:00	04/20/2010 0:00	1.6645	33.0012	104.8362486	104.789052	0.507340	104.783925	
110	110	200	110.083333333	04/20/2010 2:00	04/20/2010 1:00	1.6766	32.9891	104.8399131	104.792716	0.511028	104.787613	
110	110	300	110.125000000	04/20/2010 3:00	04/20/2010 2:00	1.6892	32.9766	104.843729	104.796532	0.514868	104.791453	
110	110	400	110.166666667	04/20/2010 4:00	04/20/2010 3:00	1.702	32.9639	104.8476055	104.800408	0.518770	104.795355	
110	110	500	110.208333333	04/20/2010 5:00	04/20/2010 4:00	1.7139	32.9521	104.8512094	104.804012	0.522397	104.798982	
110	110	600	110.250000000	04/20/2010 6:00	04/20/2010 5:00	1.7297	32.9364	104.8559944	104.808797	0.527213	104.803798	
110	110	700	110.291666667	04/20/2010 7:00	04/20/2010 6:00	1.7459	32.9203	104.8609006	104.813703	0.532150	104.808735	
110	110	800	110.333333333	04/20/2010 8:00	04/20/2010 7:00	1.7655	32.9008	104.8668364	104.819639	0.538124	104.814709	
110	110	900	110.375000000	04/20/2010 9:00	04/20/2010 8:00	1.7856	32.8808	104.8729237	104.825727	0.544251	104.820836	
110	110	1000	110.416666667	04/20/2010 10:00	04/20/2010 9:00	1.8122	32.8544	104.8809795	104.833782	0.552359	104.828944	
110	110	1100	110.458333333	04/20/2010 11:00	04/20/2010 10:00	1.8403	32.8265	104.8894895	104.842292	0.560923	104.837508	
110	110	1200	110.500000000	04/20/2010 12:00	04/20/2010 11:00	1.848	32.8188	104.8918215	104.844624	0.563270	104.839855	
110	110	1300	110.541666667	04/20/2010 13:00	04/20/2010 12:00	1.8787	32.7883	104.9011189	104.853922	0.572628	104.849213	
110	110	1400	110.583333333	04/20/2010 14:00	04/20/2010 13:00	1.9029	32.7643	104.9084479	104.861251	0.580004	104.856589	
110	110	1500	110.625000000	04/20/2010 15:00	04/20/2010 14:00	1.9216	32.7457	104.9141112	104.866914	0.585704	104.862289	
110	110	1600	110.666666667	04/20/2010 16:00	04/20/2010 15:00	1.9281	32.7392	104.9160797	104.868883	0.587685	104.864270	
110	110	1700	110.708333333	04/20/2010 17:00	04/20/2010 16:00	1.9391	32.7283	104.919411	104.872214	0.591038	104.867623	
110	110	1800	110.750000000	04/20/2010 18:00	04/20/2010 17:00	1.9565	32.7110	104.9246806	104.877484	0.596341	104.872926	
110	110	1900	110.791666667	04/20/2010 19:00	04/20/2010 18:00	1.9673	32.7003	104.9279514	104.880754	0.599633	104.876218	
110	110	2000	110.833333333	04/20/2010 20:00	04/20/2010 19:00	1.9755	32.6921	104.9304348	104.883238	0.602132	104.878717	
110	110	2100	110.875000000	04/20/2010 21:00	04/20/2010 20:00	1.9813	32.6864	104.9321913	104.884994	0.603900	104.880485	
110	110	2200	110.916666667	04/20/2010 22:00	04/20/2010 21:00	1.9867	32.6810	104.9338267	104.886630	0.605546	104.882131	
110	110	2300	110.958333333	04/20/2010 23:00	04/20/2010 22:00	1.9943	32.6735	104.9361283	104.888931	0.607863	104.884448	
110	111	0	111.000000000	04/21/2010 0:00	04/20/2010 23:00	1.9904	32.6773	104.9349472	104.887750	0.606674	104.883259	
110	111	100	111.041666667	04/21/2010 1:00	04/21/2010 0:00	1.9886	32.6791	104.9344021	104.887205	0.606125	104.882710	
110	111	200	111.083333333	04/21/2010 2:00	04/21/2010 1:00	1.9865	32.6812	104.9337661	104.886569	0.605485	104.882070	
110	111	300	111.125000000	04/21/2010 3:00	04/21/2010 2:00	1.9885	32.6792	104.9343718	104.887175	0.606095	104.882680	
110	111	400	111.166666667	04/21/2010 4:00	04/21/2010 3:00	1.9866	32.6811	104.9337964	104.886599	0.605516	104.882101	
110	111	500	111.208333333	04/21/2010 5:00	04/21/2010 4:00	1.982	32.6857	104.9324033	104.885206	0.604114	104.880699	
110	111	600	111.250000000	04/21/2010 6:00	04/21/2010 5:00	1.9813	32.6864	104.9321913	104.884994	0.603900	104.880485	
110	111	700	111.291666667	04/21/2010 7:00	04/21/2010 6:00	1.975	32.6926	104.9302833	104.883086	0.601980	104.878565	
110	111	800	111.333333333	04/21/2010 8:00	04/21/2010 7:00	1.9701	32.6975	104.9287994	104.881602	0.600486	104.877072	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	111	900	111.375000000	04/21/2010 9:00	04/21/2010 8:00	1.9562	32.7113	104.9245898	104.877393	0.596250	104.872835	
110	111	1000	111.416666667	04/21/2010 10:00	04/21/2010 9:00	1.9501	32.7174	104.9227424	104.875545	0.594390	104.870976	
110	111	1100	111.458333333	04/21/2010 11:00	04/21/2010 10:00	1.947	32.7205	104.9218035	104.874606	0.593446	104.870031	
110	111	1200	111.500000000	04/21/2010 12:00	04/21/2010 11:00	1.9464	32.7211	104.9216218	104.874425	0.593263	104.869848	
110	111	1300	111.541666667	04/21/2010 13:00	04/21/2010 12:00	1.9552	32.7123	104.9242869	104.877090	0.595945	104.872530	
110	111	1400	111.583333333	04/21/2010 14:00	04/21/2010 13:00	1.9552	32.7123	104.9242869	104.877090	0.595945	104.872530	
110	111	1500	111.625000000	04/21/2010 15:00	04/21/2010 14:00	1.9728	32.6948	104.9296171	104.882420	0.601309	104.877894	
110	111	1600	111.666666667	04/21/2010 16:00	04/21/2010 15:00	1.995	32.6728	104.9363403	104.889143	0.608076	104.884661	
110	111	1700	111.708333333	04/21/2010 17:00	04/21/2010 16:00	2.0115	32.6564	104.9413373	104.894140	0.613105	104.889690	
110	111	1800	111.750000000	04/21/2010 18:00	04/21/2010 17:00	2.0318	32.6362	104.9474852	104.900288	0.619293	104.895878	
110	111	1900	111.791666667	04/21/2010 19:00	04/21/2010 18:00	2.045	32.6231	104.9514828	104.904286	0.623316	104.899901	
110	111	2000	111.833333333	04/21/2010 20:00	04/21/2010 19:00	2.0662	32.6020	104.9579032	104.910706	0.629778	104.906363	
110	111	2100	111.875000000	04/21/2010 21:00	04/21/2010 20:00	2.0858	32.5825	104.963839	104.916642	0.635752	104.912337	
110	111	2200	111.916666667	04/21/2010 22:00	04/21/2010 21:00	2.1046	32.5639	104.9695326	104.922335	0.641482	104.918067	
110	111	2300	111.958333333	04/21/2010 23:00	04/21/2010 22:00	2.123	32.5456	104.975105	104.927908	0.647090	104.923675	
110	112	0	112.000000000	04/22/2010 0:00	04/21/2010 23:00	2.1387	32.5300	104.9798598	104.932663	0.651876	104.928461	
110	112	100	112.041666667	04/22/2010 1:00	04/22/2010 0:00	2.1542	32.5146	104.9845539	104.937357	0.656600	104.933185	
110	112	200	112.083333333	04/22/2010 2:00	04/22/2010 1:00	2.1695	32.4994	104.9891875	104.941990	0.661264	104.937849	
110	112	300	112.125000000	04/22/2010 3:00	04/22/2010 2:00	2.1823	32.4867	104.993064	104.945867	0.665165	104.941750	
110	112	400	112.166666667	04/22/2010 4:00	04/22/2010 3:00	2.1899	32.4791	104.9953656	104.948169	0.667482	104.944067	
110	112	500	112.208333333	04/22/2010 5:00	04/22/2010 4:00	2.1967	32.4724	104.997425	104.950228	0.669554	104.946139	
110	112	600	112.250000000	04/22/2010 6:00	04/22/2010 5:00	2.2024	32.4667	104.9991513	104.951954	0.671292	104.947877	
110	112	700	112.291666667	04/22/2010 7:00	04/22/2010 6:00	2.2112	32.4580	105.0018163	104.954619	0.673974	104.950559	
110	112	800	112.333333333	04/22/2010 8:00	04/22/2010 7:00	2.217	32.4522	105.0035729	104.956376	0.675742	104.952327	
110	112	900	112.375000000	04/22/2010 9:00	04/22/2010 8:00	2.2242	32.4450	105.0057534	104.958556	0.677936	104.954521	
110	112	1000	112.416666667	04/22/2010 10:00	04/22/2010 9:00	2.2343	32.4350	105.0088121	104.961615	0.681015	104.957600	
110	112	1100	112.458333333	04/22/2010 11:00	04/22/2010 10:00	2.2547	32.4147	105.0149903	104.967793	0.687233	104.963818	
110	112	1200	112.500000000	04/22/2010 12:00	04/22/2010 11:00	2.2605	32.4090	105.0167468	104.969550	0.689000	104.965585	
110	112	1300	112.541666667	04/22/2010 13:00	04/22/2010 12:00	2.275	32.3946	105.0211381	104.973941	0.693420	104.970005	
110	112	1400	112.583333333	04/22/2010 14:00	04/22/2010 13:00	2.2866	32.3830	105.0246512	104.977454	0.696956	104.973541	
110	112	1500	112.625000000	04/22/2010 15:00	04/22/2010 14:00	2.3056	32.3642	105.0304053	104.983208	0.702747	104.979332	
110	112	1600	112.666666667	04/22/2010 16:00	04/22/2010 15:00	2.3172	32.3526	105.0339184	104.986721	0.706283	104.982868	
110	112	1700	112.708333333	04/22/2010 17:00	04/22/2010 16:00	2.3272	32.3427	105.0369468	104.989750	0.709331	104.985916	
110	112	1800	112.750000000	04/22/2010 18:00	04/22/2010 17:00	2.3415	32.3285	105.0412776	104.994080	0.713689	104.990274	
110	112	1900	112.791666667	04/22/2010 19:00	04/22/2010 18:00	2.3574	32.3127	105.0460929	104.998896	0.718536	104.995121	
110	112	2000	112.833333333	04/22/2010 20:00	04/22/2010 19:00	2.366	32.3041	105.0486974	105.001500	0.721157	104.997742	
110	112	2100	112.875000000	04/22/2010 21:00	04/22/2010 20:00	2.3779	32.2923	105.0523013	105.005104	0.724784	105.001369	
110	112	2200	112.916666667	04/22/2010 22:00	04/22/2010 21:00	2.3837	32.2866	105.0540578	105.006861	0.726552	105.003137	
110	112	2300	112.958333333	04/22/2010 23:00	04/22/2010 22:00	2.3868	32.2835	105.0549967	105.007800	0.727497	105.004082	
110	113	0	113.000000000	04/23/2010 0:00	04/22/2010 23:00	2.3868	32.2835	105.0549967	105.007800	0.727497	105.004082	
110	113	100	113.041666667	04/23/2010 1:00	04/23/2010 0:00	2.379	32.2912	105.0526344	105.005437	0.725119	105.001704	
110	113	200	113.083333333	04/23/2010 2:00	04/23/2010 1:00	2.3752	32.2950	105.0514836	105.004287	0.723961	105.000546	
110	113	300	113.125000000	04/23/2010 3:00	04/23/2010 2:00	2.3777	32.2925	105.0522407	105.005044	0.724723	105.001308	
110	113	400	113.166666667	04/23/2010 4:00	04/23/2010 3:00	2.3745	32.2957	105.0512716	105.004075	0.723748	105.000333	
110	113	500	113.208333333	04/23/2010 5:00	04/23/2010 4:00	2.3748	32.2954	105.0513625	105.004165	0.723839	105.000424	
110	113	600	113.250000000	04/23/2010 6:00	04/23/2010 5:00	2.3761	32.2941	105.0517562	105.004559	0.724235	105.000820	
110	113	700	113.291666667	04/23/2010 7:00	04/23/2010 6:00	2.3881	32.2822	105.0553904	105.008193	0.727893	105.004478	
110	113	800	113.333333333	04/23/2010 8:00	04/23/2010 7:00	2.4011	32.2693	105.0593274	105.012130	0.731855	105.008440	
110	113	900	113.375000000	04/23/2010 9:00	04/23/2010 8:00	2.4185	32.2520	105.064597	105.017400	0.737159	105.013744	
110	113	1000	113.416666667	04/23/2010 10:00	04/23/2010 9:00	2.4448	32.2258	105.0725619	105.025365	0.745175	105.021760	
110	113	1100	113.458333333	04/23/2010 11:00	04/23/2010 10:00	2.4764	32.1944	105.082132	105.034935	0.754807	105.031392	
110	113	1200	113.500000000	04/23/2010 12:00	04/23/2010 11:00	2.5074	32.1636	105.0915203	105.044323	0.764256	105.040841	
110	113	1300	113.541666667	04/23/2010 13:00	04/23/2010 12:00	2.5384	32.1328	105.1009086	105.053712	0.773704	105.050289	
110	113	1400	113.583333333	04/23/2010 14:00	04/23/2010 13:00	2.5656	32.1058	105.1091461	105.061949	0.781995	105.058580	
110	113	1500	113.625000000	04/23/2010 15:00	04/23/2010 14:00	2.5907	32.0809	105.1167476	105.069551	0.789645	105.066230	
110	113	1600	113.666666667	04/23/2010 16:00	04/23/2010 15:00	2.6043	32.0674	105.1208664	105.073669	0.793791	105.070376	
110	113	1700	113.708333333	04/23/2010 17:00	04/23/2010 16:00	2.624	32.0478	105.1268325	105.079635	0.799795	105.076380	
110	113	1800	113.750000000	04/23/2010 18:00	04/23/2010 17:00	2.6343	32.0376	105.1299519	105.082755	0.802935	105.079520	
110	113	1900	113.791666667	04/23/2010 19:00	04/23/2010 18:00	2.6363	32.0356	105.1305576	105.083360	0.803544	105.080129	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	113	2000	113.833333333	04/23/2010 20:00	04/23/2010 19:00	2.6447	32.0272	105.1331015	105.085904	0.806105	105.082690	
110	113	2100	113.875000000	04/23/2010 21:00	04/23/2010 20:00	2.6506	32.0214	105.1348883	105.087691	0.807903	105.084488	
110	113	2200	113.916666667	04/23/2010 22:00	04/23/2010 21:00	2.6551	32.0169	105.1362511	105.089054	0.809274	105.085860	
110	113	2300	113.958333333	04/23/2010 23:00	04/23/2010 22:00	2.6621	32.0099	105.1383711	105.091174	0.811408	105.087993	
110	114	0	114.000000000	04/24/2010 0:00	04/23/2010 23:00	2.6699	32.0022	105.1407333	105.093536	0.813786	105.090371	
110	114	100	114.041666667	04/24/2010 1:00	04/24/2010 0:00	2.6789	31.9932	105.1434589	105.096262	0.816529	105.093114	
110	114	200	114.083333333	04/24/2010 2:00	04/24/2010 1:00	2.6954	31.9769	105.1484559	105.101259	0.821558	105.098143	
110	114	300	114.125000000	04/24/2010 3:00	04/24/2010 2:00	2.7132	31.9592	105.1538467	105.106650	0.826983	105.103568	
110	114	400	114.166666667	04/24/2010 4:00	04/24/2010 3:00	2.7254	31.9470	105.1575414	105.110344	0.830702	105.107287	
110	114	500	114.208333333	04/24/2010 5:00	04/24/2010 4:00	2.7413	31.9312	105.1623567	105.115160	0.835548	105.112133	
110	114	600	114.250000000	04/24/2010 6:00	04/24/2010 5:00	2.7513	31.9213	105.1653852	105.118188	0.838596	105.115181	
110	114	700	114.291666667	04/24/2010 7:00	04/24/2010 6:00	2.76	31.9127	105.16802	105.120823	0.841248	105.117833	
110	114	800	114.333333333	04/24/2010 8:00	04/24/2010 7:00	2.7639	31.9088	105.1692011	105.122004	0.842437	105.119022	
110	114	900	114.375000000	04/24/2010 9:00	04/24/2010 8:00	2.7617	31.9110	105.1685349	105.121338	0.841766	105.118351	
110	114	1000	114.416666667	04/24/2010 10:00	04/24/2010 9:00	2.7594	31.9133	105.1678383	105.120641	0.841065	105.117650	
110	114	1100	114.458333333	04/24/2010 11:00	04/24/2010 10:00	2.7668	31.9059	105.1700794	105.122882	0.843321	105.119906	
110	114	1200	114.500000000	04/24/2010 12:00	04/24/2010 11:00	2.7555	31.9171	105.1666572	105.119460	0.839876	105.116461	
110	114	1300	114.541666667	04/24/2010 13:00	04/24/2010 12:00	2.7487	31.9239	105.1645978	105.117401	0.837804	105.114389	
110	114	1400	114.583333333	04/24/2010 14:00	04/24/2010 13:00	2.7419	31.9306	105.1625384	105.115341	0.835731	105.112316	
110	114	1500	114.625000000	04/24/2010 15:00	04/24/2010 14:00	2.7419	31.9306	105.1625384	105.115341	0.835731	105.112316	
110	114	1600	114.666666667	04/24/2010 16:00	04/24/2010 15:00	2.7225	31.9499	105.1566632	105.109466	0.829818	105.106403	
110	114	1700	114.708333333	04/24/2010 17:00	04/24/2010 16:00	2.7167	31.9557	105.1549066	105.107710	0.828050	105.104635	
110	114	1800	114.750000000	04/24/2010 18:00	04/24/2010 17:00	2.71	31.9623	105.1528775	105.105680	0.826008	105.102593	
110	114	1900	114.791666667	04/24/2010 19:00	04/24/2010 18:00	2.684	31.9882	105.1450035	105.097806	0.818083	105.094668	
110	114	2000	114.833333333	04/24/2010 20:00	04/24/2010 19:00	2.6692	32.0029	105.1405213	105.093324	0.813572	105.090157	
110	114	2100	114.875000000	04/24/2010 21:00	04/24/2010 20:00	2.6476	32.0243	105.1339798	105.086783	0.806988	105.083574	
110	114	2200	114.916666667	04/24/2010 22:00	04/24/2010 21:00	2.6321	32.0397	105.1292856	105.082088	0.802264	105.078849	
110	114	2300	114.958333333	04/24/2010 23:00	04/24/2010 22:00	2.6176	32.0542	105.1248943	105.077697	0.797844	105.074430	
110	115	0	115.000000000	04/25/2010 0:00	04/24/2010 23:00	2.6023	32.0694	105.1202607	105.073064	0.793181	105.069766	
110	115	100	115.041666667	04/25/2010 1:00	04/25/2010 0:00	2.5871	32.0845	105.1156574	105.068460	0.788548	105.065133	
110	115	200	115.083333333	04/25/2010 2:00	04/25/2010 1:00	2.5768	32.0947	105.112538	105.065341	0.785409	105.061994	
110	115	300	115.125000000	04/25/2010 3:00	04/25/2010 2:00	2.5642	32.1072	105.1087221	105.061525	0.781568	105.058153	
110	115	400	115.166666667	04/25/2010 4:00	04/25/2010 3:00	2.5577	32.1137	105.1067536	105.059556	0.779587	105.056172	
110	115	500	115.208333333	04/25/2010 5:00	04/25/2010 4:00	2.5496	32.1217	105.1043005	105.057103	0.777118	105.053703	
110	115	600	115.250000000	04/25/2010 6:00	04/25/2010 5:00	2.5432	32.1281	105.1023623	105.055165	0.775167	105.051752	
110	115	700	115.291666667	04/25/2010 7:00	04/25/2010 6:00	2.5371	32.1341	105.1005149	105.053318	0.773308	105.049893	
110	115	800	115.333333333	04/25/2010 8:00	04/25/2010 7:00	2.5303	32.1409	105.0984555	105.051258	0.771235	105.047820	
110	115	900	115.375000000	04/25/2010 9:00	04/25/2010 8:00	2.5262	32.1450	105.0972139	105.050017	0.769986	105.046571	
110	115	1000	115.416666667	04/25/2010 10:00	04/25/2010 9:00	2.5258	32.1454	105.0970927	105.049896	0.769864	105.046449	
110	115	1100	115.458333333	04/25/2010 11:00	04/25/2010 10:00	2.5235	32.1477	105.0963962	105.049199	0.769163	105.045748	
110	115	1200	115.500000000	04/25/2010 12:00	04/25/2010 11:00	2.5207	32.1504	105.0955482	105.048351	0.768309	105.044894	
110	115	1300	115.541666667	04/25/2010 13:00	04/25/2010 12:00	2.5172	32.1539	105.0944882	105.047291	0.767243	105.043828	
110	115	1400	115.583333333	04/25/2010 14:00	04/25/2010 13:00	2.5103	32.1608	105.0923985	105.045201	0.765139	105.041724	
110	115	1500	115.625000000	04/25/2010 15:00	04/25/2010 14:00	2.5074	32.1636	105.0915203	105.044323	0.764256	105.040841	
110	115	1600	115.666666667	04/25/2010 16:00	04/25/2010 15:00	2.5003	32.1707	105.0893701	105.042173	0.762091	105.038676	
110	115	1700	115.708333333	04/25/2010 17:00	04/25/2010 16:00	2.4908	32.1801	105.086493	105.039296	0.759196	105.035781	
110	115	1800	115.750000000	04/25/2010 18:00	04/25/2010 17:00	2.4822	32.1887	105.0838885	105.036691	0.756575	105.033160	
110	115	1900	115.791666667	04/25/2010 19:00	04/25/2010 18:00	2.4696	32.2012	105.0800726	105.032875	0.752734	105.029319	
110	115	2000	115.833333333	04/25/2010 20:00	04/25/2010 19:00	2.4534	32.2173	105.0751664	105.027969	0.747796	105.024381	
110	115	2100	115.875000000	04/25/2010 21:00	04/25/2010 20:00	2.4172	32.2533	105.0642033	105.017006	0.736763	105.013348	
110	115	2200	115.916666667	04/25/2010 22:00	04/25/2010 21:00	2.4269	32.2436	105.0671409	105.019944	0.739719	105.016304	
110	115	2300	115.958333333	04/25/2010 23:00	04/25/2010 22:00	2.412	32.2584	105.0626285	105.015431	0.735178	105.011763	
110	116	0	116.000000000	04/26/2010 0:00	04/25/2010 23:00	2.3971	32.2732	105.058116	105.010919	0.730636	105.007221	
110	116	100	116.041666667	04/26/2010 1:00	04/26/2010 0:00	2.3855	32.2848	105.054603	105.007406	0.727100	105.003685	
110	116	200	116.083333333	04/26/2010 2:00	04/26/2010 1:00	2.3767	32.2935	105.0519379	105.004741	0.724418	105.001003	
110	116	300	116.125000000	04/26/2010 3:00	04/26/2010 2:00	2.3709	32.2993	105.0501814	105.002984	0.722650	104.999235	
110	116	400	116.166666667	04/26/2010 4:00	04/26/2010 3:00	2.3623	32.3078	105.0475769	105.000380	0.720029	104.996614	
110	116	500	116.208333333	04/26/2010 5:00	04/26/2010 4:00	2.3606	32.3095	105.047062	104.999865	0.719511	104.996096	
110	116	600	116.250000000	04/26/2010 6:00	04/26/2010 5:00	2.3596	32.3105	105.0467592	104.999562	0.719206	104.995791	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	116	700	116.291666667	04/26/2010 7:00	04/26/2010 6:00	2.3593	32.3108	105.0466683	104.999471	0.719115	104.995700	
110	116	800	116.333333333	04/26/2010 8:00	04/26/2010 7:00	2.3607	32.3094	105.0470923	104.999895	0.719541	104.996126	
110	116	900	116.375000000	04/26/2010 9:00	04/26/2010 8:00	2.3643	32.3058	105.0481826	105.000985	0.720639	104.997224	
110	116	1000	116.416666667	04/26/2010 10:00	04/26/2010 9:00	2.3652	32.3049	105.0484551	105.001258	0.720913	104.997498	
110	116	1100	116.458333333	04/26/2010 11:00	04/26/2010 10:00	2.3653	32.3048	105.0484854	105.001288	0.720943	104.997528	
110	116	1200	116.500000000	04/26/2010 12:00	04/26/2010 11:00	2.3699	32.3003	105.0498785	105.002681	0.722346	104.998931	
110	116	1300	116.541666667	04/26/2010 13:00	04/26/2010 12:00	2.3825	32.2877	105.0536944	105.006497	0.726186	105.002771	
110	116	1400	116.583333333	04/26/2010 14:00	04/26/2010 13:00	2.3867	32.2836	105.0549664	105.007769	0.727466	105.004051	
110	116	1500	116.625000000	04/26/2010 15:00	04/26/2010 14:00	2.3925	32.2778	105.0567229	105.009526	0.729234	105.005819	
110	116	1600	116.666666667	04/26/2010 16:00	04/26/2010 15:00	2.4018	32.2686	105.0595394	105.012342	0.732069	105.008654	
110	116	1700	116.708333333	04/26/2010 17:00	04/26/2010 16:00	2.4086	32.2618	105.0615988	105.014402	0.734141	105.010726	
110	116	1800	116.750000000	04/26/2010 18:00	04/26/2010 17:00	2.4202	32.2503	105.0651118	105.017915	0.737677	105.014262	
110	116	1900	116.791666667	04/26/2010 19:00	04/26/2010 18:00	2.4415	32.2291	105.0715625	105.024365	0.744169	105.020754	
110	116	2000	116.833333333	04/26/2010 20:00	04/26/2010 19:00	2.4551	32.2156	105.0756813	105.028484	0.748314	105.024900	
110	116	2100	116.875000000	04/26/2010 21:00	04/26/2010 20:00	2.48	32.1909	105.0832222	105.036025	0.755904	105.032489	
110	116	2200	116.916666667	04/26/2010 22:00	04/26/2010 21:00	2.5052	32.1658	105.090854	105.043657	0.763585	105.040170	
110	116	2300	116.958333333	04/26/2010 23:00	04/26/2010 22:00	2.5285	32.1427	105.0979104	105.050713	0.770687	105.047272	
110	117	0	117.000000000	04/27/2010 0:00	04/26/2010 23:00	2.5536	32.1177	105.1055119	105.058315	0.778337	105.054922	
110	117	100	117.041666667	04/27/2010 1:00	04/27/2010 0:00	2.5791	32.0924	105.1132346	105.066037	0.786110	105.062695	
110	117	200	117.083333333	04/27/2010 2:00	04/27/2010 1:00	2.6027	32.0690	105.1203818	105.073185	0.793303	105.069888	
110	117	300	117.125000000	04/27/2010 3:00	04/27/2010 2:00	2.6247	32.0471	105.1270445	105.079847	0.800009	105.076594	
110	117	400	117.166666667	04/27/2010 4:00	04/27/2010 3:00	2.6485	32.0235	105.1342523	105.087055	0.807263	105.083848	
110	117	500	117.208333333	04/27/2010 5:00	04/27/2010 4:00	2.6657	32.0064	105.1394613	105.092264	0.812505	105.089090	
110	117	600	117.250000000	04/27/2010 6:00	04/27/2010 5:00	2.6815	31.9907	105.1442463	105.097049	0.817321	105.093906	
110	117	700	117.291666667	04/27/2010 7:00	04/27/2010 6:00	2.6932	31.9790	105.1477897	105.100593	0.820887	105.097472	
110	117	800	117.333333333	04/27/2010 8:00	04/27/2010 7:00	2.7012	31.9711	105.1502125	105.103015	0.823326	105.099911	
110	117	900	117.375000000	04/27/2010 9:00	04/27/2010 8:00	2.7064	31.9659	105.1517873	105.104590	0.824911	105.101496	
110	117	1000	117.416666667	04/27/2010 10:00	04/27/2010 9:00	2.7093	31.9630	105.1526656	105.105468	0.825795	105.102380	
110	117	1100	117.458333333	04/27/2010 11:00	04/27/2010 10:00	2.709	31.9633	105.1525747	105.105378	0.825703	105.102288	
110	117	1200	117.500000000	04/27/2010 12:00	04/27/2010 11:00	2.7083	31.9640	105.1523627	105.105166	0.825490	105.102075	
110	117	1300	117.541666667	04/27/2010 13:00	04/27/2010 12:00	2.7084	31.9639	105.152393	105.105196	0.825520	105.102105	
110	117	1400	117.583333333	04/27/2010 14:00	04/27/2010 13:00	2.7128	31.9596	105.1537255	105.106528	0.826861	105.103446	
110	117	1500	117.625000000	04/27/2010 15:00	04/27/2010 14:00	2.7274	31.9451	105.1581471	105.110950	0.831312	105.107897	
110	117	1600	117.666666667	04/27/2010 16:00	04/27/2010 15:00	2.7283	31.9442	105.1584197	105.111223	0.831586	105.108171	
110	117	1700	117.708333333	04/27/2010 17:00	04/27/2010 16:00	2.7448	31.9278	105.1634167	105.116220	0.836615	105.113200	
110	117	1800	117.750000000	04/27/2010 18:00	04/27/2010 17:00	2.7681	31.9046	105.1704731	105.123276	0.843717	105.120302	
110	117	1900	117.791666667	04/27/2010 19:00	04/27/2010 18:00	2.7862	31.8866	105.1759547	105.128758	0.849234	105.125819	
110	117	2000	117.833333333	04/27/2010 20:00	04/27/2010 19:00	2.8111	31.8619	105.1834956	105.136299	0.856823	105.133408	
110	117	2100	117.875000000	04/27/2010 21:00	04/27/2010 20:00	2.8421	31.8311	105.1928839	105.145687	0.866272	105.142857	
110	117	2200	117.916666667	04/27/2010 22:00	04/27/2010 21:00	2.8799	31.7935	105.2043316	105.157135	0.877794	105.154379	
110	117	2300	117.958333333	04/27/2010 23:00	04/27/2010 22:00	2.9109	31.7627	105.21372	105.166523	0.887242	105.163827	
110	118	0	118.000000000	04/28/2010 0:00	04/27/2010 23:00	2.9449	31.7289	105.2240168	105.176820	0.897606	105.174191	
110	118	100	118.041666667	04/28/2010 1:00	04/28/2010 0:00	2.9769	31.6972	105.233708	105.186511	0.907359	105.183944	
110	118	200	118.083333333	04/28/2010 2:00	04/28/2010 1:00	3.0079	31.6664	105.2430963	105.195899	0.916808	105.193393	
110	118	300	118.125000000	04/28/2010 3:00	04/28/2010 2:00	3.0392	31.6353	105.2525755	105.205378	0.926348	105.202933	
110	118	400	118.166666667	04/28/2010 4:00	04/28/2010 3:00	3.0548	31.6198	105.2573	105.210103	0.931103	105.207688	
110	118	500	118.208333333	04/28/2010 5:00	04/28/2010 4:00	3.0674	31.6072	105.2611159	105.213919	0.934944	105.211529	
110	118	600	118.250000000	04/28/2010 6:00	04/28/2010 5:00	3.0691	31.6055	105.2616307	105.214434	0.935462	105.212047	
110	118	700	118.291666667	04/28/2010 7:00	04/28/2010 6:00	3.0606	31.6140	105.2590565	105.211859	0.932871	105.209456	
110	118	800	118.333333333	04/28/2010 8:00	04/28/2010 7:00	3.0469	31.6276	105.2549075	105.207710	0.928695	105.205280	
110	118	900	118.375000000	04/28/2010 9:00	04/28/2010 8:00	3.0298	31.6446	105.2497287	105.202532	0.923483	105.200068	
110	118	1000	118.416666667	04/28/2010 10:00	04/28/2010 9:00	3.0107	31.6636	105.2439443	105.196747	0.917661	105.194246	
110	118	1100	118.458333333	04/28/2010 11:00	04/28/2010 10:00	3.0007	31.6735	105.2409158	105.193719	0.914613	105.191198	
110	118	1200	118.500000000	04/28/2010 12:00	04/28/2010 11:00	2.9713	31.7027	105.2320121	105.184815	0.905652	105.182237	
110	118	1300	118.541666667	04/28/2010 13:00	04/28/2010 12:00	2.9622	31.7118	105.2292561	105.182059	0.902879	105.179464	
110	118	1400	118.583333333	04/28/2010 14:00	04/28/2010 13:00	2.9522	31.7217	105.2262276	105.179031	0.899831	105.176416	
110	118	1500	118.625000000	04/28/2010 15:00	04/28/2010 14:00	2.9503	31.7236	105.2256522	105.178455	0.899251	105.175836	
110	118	1600	118.666666667	04/28/2010 16:00	04/28/2010 15:00	2.9464	31.7275	105.2244711	105.177274	0.898063	105.174648	
110	118	1700	118.708333333	04/28/2010 17:00	04/28/2010 16:00	2.9654	31.7086	105.2302253	105.183028	0.903854	105.180439	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	118	1800	118.750000000	04/28/2010 18:00	04/28/2010 17:00	2.9522	31.7217	105.2262276	105.179031	0.899831	105.176416	
110	118	1900	118.791666667	04/28/2010 19:00	04/28/2010 18:00	2.9474	31.7265	105.224774	105.177577	0.898368	105.174953	
110	118	2000	118.833333333	04/28/2010 20:00	04/28/2010 19:00	2.9399	31.7339	105.2225026	105.175305	0.896082	105.172667	
110	118	2100	118.875000000	04/28/2010 21:00	04/28/2010 20:00	2.9342	31.7396	105.2207764	105.173579	0.894344	105.170929	
110	118	2200	118.916666667	04/28/2010 22:00	04/28/2010 21:00	2.9245	31.7492	105.2178387	105.170642	0.891388	105.167973	
110	118	2300	118.958333333	04/28/2010 23:00	04/28/2010 22:00	2.9139	31.7597	105.2146285	105.167431	0.888157	105.164742	
110	119	0	119.000000000	04/29/2010 0:00	04/28/2010 23:00	2.8996	31.7740	105.2102978	105.163101	0.883798	105.160383	
110	119	100	119.041666667	04/29/2010 1:00	04/29/2010 0:00	2.8829	31.7906	105.2052402	105.158043	0.878708	105.155293	
110	119	200	119.083333333	04/29/2010 2:00	04/29/2010 1:00	2.8667	31.8066	105.200334	105.153137	0.873770	105.150355	
110	119	300	119.125000000	04/29/2010 3:00	04/29/2010 2:00	2.8489	31.8243	105.1949433	105.147746	0.868345	105.144930	
110	119	400	119.166666667	04/29/2010 4:00	04/29/2010 3:00	2.8328	31.8403	105.1900674	105.142870	0.863437	105.140022	
110	119	500	119.208333333	04/29/2010 5:00	04/29/2010 4:00	2.8182	31.8548	105.1856458	105.138449	0.858987	105.135572	
110	119	600	119.250000000	04/29/2010 6:00	04/29/2010 5:00	2.8027	31.8702	105.1809517	105.133755	0.854263	105.130848	
110	119	700	119.291666667	04/29/2010 7:00	04/29/2010 6:00	2.7911	31.8818	105.1774386	105.130242	0.850727	105.127312	
110	119	800	119.333333333	04/29/2010 8:00	04/29/2010 7:00	2.7823	31.8905	105.1747736	105.127576	0.848045	105.124630	
110	119	900	119.375000000	04/29/2010 9:00	04/29/2010 8:00	2.7791	31.8937	105.1738044	105.126607	0.847070	105.123655	
110	119	1000	119.416666667	04/29/2010 10:00	04/29/2010 9:00	2.7685	31.9042	105.1705942	105.123397	0.843839	105.120424	
110	119	1100	119.458333333	04/29/2010 11:00	04/29/2010 10:00	2.7617	31.9110	105.1685349	105.121338	0.841766	105.118351	
110	119	1200	119.500000000	04/29/2010 12:00	04/29/2010 11:00	2.7607	31.9120	105.168232	105.121035	0.841461	105.118046	
110	119	1300	119.541666667	04/29/2010 13:00	04/29/2010 12:00	2.7633	31.9094	105.1690194	105.121822	0.842254	105.118839	
110	119	1400	119.583333333	04/29/2010 14:00	04/29/2010 13:00	2.7717	31.9010	105.1715633	105.124366	0.844814	105.121399	
110	119	1500	119.625000000	04/29/2010 15:00	04/29/2010 14:00	2.7834	31.8894	105.1751067	105.127910	0.848380	105.124965	
110	119	1600	119.666666667	04/29/2010 16:00	04/29/2010 15:00	2.8036	31.8693	105.1812242	105.134027	0.854537	105.131122	
110	119	1700	119.708333333	04/29/2010 17:00	04/29/2010 16:00	2.8163	31.8567	105.1850704	105.137873	0.858408	105.134993	
110	119	1800	119.750000000	04/29/2010 18:00	04/29/2010 17:00	2.8311	31.8420	105.1895526	105.142355	0.862919	105.139504	
110	119	1900	119.791666667	04/29/2010 19:00	04/29/2010 18:00	2.8457	31.8275	105.1939742	105.146777	0.867369	105.143954	
110	119	2000	119.833333333	04/29/2010 20:00	04/29/2010 19:00	2.8556	31.8177	105.1969724	105.149775	0.870387	105.146972	
110	119	2100	119.875000000	04/29/2010 21:00	04/29/2010 20:00	2.8666	31.8067	105.2003037	105.153107	0.873740	105.150325	
110	119	2200	119.916666667	04/29/2010 22:00	04/29/2010 21:00	2.8715	31.8019	105.2017877	105.154591	0.875233	105.151818	
110	119	2300	119.958333333	04/29/2010 23:00	04/29/2010 22:00	2.8734	31.8000	105.2023631	105.155166	0.875812	105.152397	
110	120	0	120.000000000	04/30/2010 0:00	04/29/2010 23:00	2.8796	31.7938	105.2042408	105.157044	0.877702	105.154287	
110	120	100	120.041666667	04/30/2010 1:00	04/30/2010 0:00	2.8847	31.7888	105.2057853	105.158588	0.879257	105.155842	
110	120	200	120.083333333	04/30/2010 2:00	04/30/2010 1:00	2.8887	31.7848	105.2069967	105.159800	0.880476	105.157061	
110	120	300	120.125000000	04/30/2010 3:00	04/30/2010 2:00	2.8955	31.7780	105.2090561	105.161859	0.882548	105.159133	
110	120	400	120.166666667	04/30/2010 4:00	04/30/2010 3:00	2.9004	31.7732	105.2105401	105.163343	0.884042	105.160627	
110	120	500	120.208333333	04/30/2010 5:00	04/30/2010 4:00	2.9025	31.7711	105.211176	105.163979	0.884682	105.161267	
110	120	600	120.250000000	04/30/2010 6:00	04/30/2010 5:00	2.9023	31.7713	105.2111155	105.163918	0.884621	105.161206	
110	120	700	120.291666667	04/30/2010 7:00	04/30/2010 6:00	2.9022	31.7714	105.2110852	105.163888	0.884591	105.161176	
110	120	800	120.333333333	04/30/2010 8:00	04/30/2010 7:00	2.8983	31.7752	105.2099041	105.162707	0.883402	105.159987	
110	120	900	120.375000000	04/30/2010 9:00	04/30/2010 8:00	2.8941	31.7794	105.2086321	105.161435	0.882122	105.158707	
110	120	1000	120.416666667	04/30/2010 10:00	04/30/2010 9:00	2.8847	31.7888	105.2057853	105.158588	0.879257	105.155842	
110	120	1100	120.458333333	04/30/2010 11:00	04/30/2010 10:00	2.8873	31.7862	105.2065727	105.159376	0.880049	105.156634	
110	120	1200	120.500000000	04/30/2010 12:00	04/30/2010 11:00	2.8816	31.7918	105.2048465	105.157649	0.878312	105.154897	
110	120	1300	120.541666667	04/30/2010 13:00	04/30/2010 12:00	2.8751	31.7983	105.202878	105.155681	0.876330	105.152916	
110	120	1400	120.583333333	04/30/2010 14:00	04/30/2010 13:00	2.8857	31.7878	105.2060882	105.158891	0.879561	105.156146	
110	120	1500	120.625000000	04/30/2010 15:00	04/30/2010 14:00	2.8817	31.7917	105.2048768	105.157680	0.878342	105.154927	
110	120	1600	120.666666667	04/30/2010 16:00	04/30/2010 15:00	2.8966	31.7769	105.2093892	105.162192	0.882884	105.159469	
110	120	1700	120.708333333	04/30/2010 17:00	04/30/2010 16:00	2.9218	31.7519	105.217021	105.169824	0.890565	105.167150	
110	120	1800	120.750000000	04/30/2010 18:00	04/30/2010 17:00	2.9306	31.7432	105.2196861	105.172489	0.893247	105.169832	
110	120	1900	120.791666667	04/30/2010 19:00	04/30/2010 18:00	2.9438	31.7300	105.2236837	105.176487	0.897270	105.173855	
110	120	2000	120.833333333	04/30/2010 20:00	04/30/2010 19:00	2.9619	31.7121	105.2291653	105.181968	0.902787	105.179372	
110	120	2100	120.875000000	04/30/2010 21:00	04/30/2010 20:00	2.9858	31.6883	105.2364034	105.189206	0.910072	105.186657	
110	120	2200	120.916666667	04/30/2010 22:00	04/30/2010 21:00	3.0032	31.6710	105.241673	105.194476	0.915375	105.191960	
110	120	2300	120.958333333	04/30/2010 23:00	04/30/2010 22:00	3.0214	31.6529	105.2471848	105.199988	0.920923	105.197508	
110	121	0	121.000000000	05/01/2010 0:00	04/30/2010 23:00	3.0382	31.6362	105.2522727	105.205076	0.926043	105.202628	
110	121	100	121.041666667	05/01/2010 1:00	05/01/2010 0:00	3.055	31.6196	105.2573606	105.210163	0.931164	105.207749	
110	121	200	121.083333333	05/01/2010 2:00	05/01/2010 1:00	3.077	31.5977	105.2640232	105.216826	0.937870	105.214455	
110	121	300	121.125000000	05/01/2010 3:00	05/01/2010 2:00	3.0977	31.5771	105.2702922	105.223095	0.944179	105.220764	
110	121	400	121.166666667	05/01/2010 4:00	05/01/2010 3:00	3.118	31.5570	105.2764401	105.229243	0.950366	105.226951	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	121	500	121.208333333	05/01/2010 5:00	05/01/2010 4:00	3.1364	31.5387	105.2820125	105.234815	0.955975	105.232560	
110	121	600	121.250000000	05/01/2010 6:00	05/01/2010 5:00	3.152	31.5232	105.2867369	105.239540	0.960730	105.237315	
110	121	700	121.291666667	05/01/2010 7:00	05/01/2010 6:00	3.1627	31.5125	105.2899774	105.242780	0.963991	105.240576	
110	121	800	121.333333333	05/01/2010 8:00	05/01/2010 7:00	3.1736	31.5017	105.2932785	105.246081	0.967313	105.243898	
110	121	900	121.375000000	05/01/2010 9:00	05/01/2010 8:00	3.1689	31.5064	105.2918551	105.244658	0.965881	105.242466	
110	121	1000	121.416666667	05/01/2010 10:00	05/01/2010 9:00	3.1788	31.4965	105.2948533	105.247656	0.968898	105.245483	
110	121	1100	121.458333333	05/01/2010 11:00	05/01/2010 10:00	3.165	31.5103	105.290674	105.243477	0.964692	105.241277	
110	121	1200	121.500000000	05/01/2010 12:00	05/01/2010 11:00	3.1763	31.4990	105.2940962	105.246899	0.968136	105.244721	
110	121	1300	121.541666667	05/01/2010 13:00	05/01/2010 12:00	3.1853	31.4901	105.2968218	105.249625	0.970879	105.247464	
110	121	1400	121.583333333	05/01/2010 14:00	05/01/2010 13:00	3.1611	31.5141	105.2894929	105.242296	0.963503	105.240088	
110	121	1500	121.625000000	05/01/2010 15:00	05/01/2010 14:00	3.1672	31.5081	105.2913402	105.244143	0.965363	105.241948	
110	121	1600	121.666666667	05/01/2010 16:00	05/01/2010 15:00	3.1642	31.5111	105.2904317	105.243235	0.964448	105.241033	
110	121	1700	121.708333333	05/01/2010 17:00	05/01/2010 16:00	3.1591	31.5161	105.2888872	105.241690	0.962894	105.239479	
110	121	1800	121.750000000	05/01/2010 18:00	05/01/2010 17:00	3.1485	31.5267	105.285677	105.238480	0.959663	105.236248	
110	121	1900	121.791666667	05/01/2010 19:00	05/01/2010 18:00	3.1392	31.5359	105.2828605	105.235663	0.956828	105.233413	
110	121	2000	121.833333333	05/01/2010 20:00	05/01/2010 19:00	3.133	31.5421	105.2809828	105.233786	0.954938	105.231523	
110	121	2100	121.875000000	05/01/2010 21:00	05/01/2010 20:00	3.1292	31.5458	105.279832	105.232635	0.953780	105.230365	
110	121	2200	121.916666667	05/01/2010 22:00	05/01/2010 21:00	3.1218	31.5532	105.2775909	105.230394	0.951525	105.228110	
110	121	2300	121.958333333	05/01/2010 23:00	05/01/2010 22:00	3.1067	31.5682	105.2730179	105.225821	0.946922	105.223507	
110	122	0	122.000000000	05/02/2010 0:00	05/01/2010 23:00	3.0993	31.5755	105.2707768	105.223580	0.944667	105.221252	
110	122	100	122.041666667	05/02/2010 1:00	05/02/2010 0:00	3.0977	31.5771	105.2702922	105.223095	0.944179	105.220764	
110	122	200	122.083333333	05/02/2010 2:00	05/02/2010 1:00	3.0941	31.5807	105.269202	105.222005	0.943082	105.219667	
110	122	300	122.125000000	05/02/2010 3:00	05/02/2010 2:00	3.089	31.5858	105.2676574	105.220460	0.941527	105.218112	
110	122	400	122.166666667	05/02/2010 4:00	05/02/2010 3:00	3.0832	31.5915	105.2659009	105.218704	0.939759	105.216344	
110	122	500	122.208333333	05/02/2010 5:00	05/02/2010 4:00	3.0797	31.5950	105.2648409	105.217644	0.938693	105.215278	
110	122	600	122.250000000	05/02/2010 6:00	05/02/2010 5:00	3.0709	31.6038	105.2621759	105.214979	0.936010	105.212595	
110	122	700	122.291666667	05/02/2010 7:00	05/02/2010 6:00	3.07	31.6046	105.2619033	105.214706	0.935736	105.212321	
110	122	800	122.333333333	05/02/2010 8:00	05/02/2010 7:00	3.0654	31.6092	105.2605102	105.213313	0.934334	105.210919	
110	122	900	122.375000000	05/02/2010 9:00	05/02/2010 8:00	3.0517	31.6228	105.2563611	105.209164	0.930158	105.206743	
110	122	1000	122.416666667	05/02/2010 10:00	05/02/2010 9:00	3.0452	31.6293	105.2543926	105.207196	0.928177	105.204762	
110	122	1100	122.458333333	05/02/2010 11:00	05/02/2010 10:00	3.0433	31.6312	105.2538172	105.206620	0.927598	105.204183	
110	122	1200	122.500000000	05/02/2010 12:00	05/02/2010 11:00	3.0355	31.6389	105.251455	105.204258	0.925220	105.201805	
110	122	1300	122.541666667	05/02/2010 13:00	05/02/2010 12:00	3.0326	31.6418	105.2505767	105.203380	0.924336	105.200922	
110	122	1400	122.583333333	05/02/2010 14:00	05/02/2010 13:00	3.0322	31.6422	105.2504556	105.203258	0.924215	105.200800	
110	122	1500	122.625000000	05/02/2010 15:00	05/02/2010 14:00	3.0323	31.6421	105.2504859	105.203289	0.924245	105.200830	
110	122	1600	122.666666667	05/02/2010 16:00	05/02/2010 15:00	3.0323	31.6421	105.2504859	105.203289	0.924245	105.200830	
110	122	1700	122.708333333	05/02/2010 17:00	05/02/2010 16:00	3.0345	31.6399	105.2511521	105.203955	0.924916	105.201501	
110	122	1800	122.750000000	05/02/2010 18:00	05/02/2010 17:00	3.0355	31.6389	105.251455	105.204258	0.925220	105.201805	
110	122	1900	122.791666667	05/02/2010 19:00	05/02/2010 18:00	3.0384	31.6360	105.2523333	105.205136	0.926104	105.202689	
110	122	2000	122.833333333	05/02/2010 20:00	05/02/2010 19:00	3.0488	31.6257	105.2554829	105.208286	0.929274	105.205859	
110	122	2100	122.875000000	05/02/2010 21:00	05/02/2010 20:00	3.0512	31.6233	105.2562097	105.209013	0.930006	105.206591	
110	122	2200	122.916666667	05/02/2010 22:00	05/02/2010 21:00	3.0604	31.6142	105.2589959	105.211799	0.932810	105.209395	
110	122	2300	122.958333333	05/02/2010 23:00	05/02/2010 22:00	3.0637	31.6109	105.2599953	105.212798	0.933816	105.210401	
110	123	0	123.000000000	05/03/2010 0:00	05/02/2010 23:00	3.084	31.5907	105.2661432	105.218946	0.940003	105.216588	
110	123	100	123.041666667	05/03/2010 1:00	05/03/2010 0:00	3.0846	31.5901	105.2663249	105.219128	0.940186	105.216771	
110	123	200	123.083333333	05/03/2010 2:00	05/03/2010 1:00	3.0995	31.5753	105.2708373	105.223640	0.944728	105.221313	
110	123	300	123.125000000	05/03/2010 3:00	05/03/2010 2:00	3.1131	31.5618	105.2749561	105.227759	0.948873	105.225458	
110	123	400	123.166666667	05/03/2010 4:00	05/03/2010 3:00	3.1292	31.5458	105.279832	105.232635	0.953780	105.230365	
110	123	500	123.208333333	05/03/2010 5:00	05/03/2010 4:00	3.1431	31.5320	105.2840416	105.236844	0.958017	105.234602	
110	123	600	123.250000000	05/03/2010 6:00	05/03/2010 5:00	3.147	31.5281	105.2852227	105.238026	0.959206	105.235791	
110	123	700	123.291666667	05/03/2010 7:00	05/03/2010 6:00	3.1467	31.5284	105.2851318	105.237935	0.959114	105.235699	
110	123	800	123.333333333	05/03/2010 8:00	05/03/2010 7:00	3.1486	31.5266	105.2857072	105.238510	0.959693	105.236278	
110	123	900	123.375000000	05/03/2010 9:00	05/03/2010 8:00	3.1508	31.5244	105.2863735	105.239176	0.960364	105.236949	
110	123	1000	123.416666667	05/03/2010 10:00	05/03/2010 9:00	3.1215	31.5535	105.2775	105.230303	0.951433	105.228018	
110	123	1100	123.458333333	05/03/2010 11:00	05/03/2010 10:00	3.1085	31.5664	105.273563	105.226366	0.947471	105.224056	
110	123	1200	123.500000000	05/03/2010 12:00	05/03/2010 11:00	3.113	31.5619	105.2749258	105.227729	0.948842	105.225427	
110	123	1300	123.541666667	05/03/2010 13:00	05/03/2010 12:00	3.0606	31.6140	105.2590565	105.211859	0.932871	105.209456	
110	123	1400	123.583333333	05/03/2010 14:00	05/03/2010 13:00	3.0374	31.6370	105.2520304	105.204833	0.925800	105.202385	
110	123	1500	123.625000000	05/03/2010 15:00	05/03/2010 14:00	3.0245	31.6499	105.2481236	105.200927	0.921868	105.198453	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	123	1600	123.666666667	05/03/2010 16:00	05/03/2010 15:00	3.0055	31.6687	105.2423695	105.195172	0.916076	105.192661	
110	123	1700	123.708333333	05/03/2010 17:00	05/03/2010 16:00	2.9715	31.7025	105.2320726	105.184876	0.905713	105.182298	
110	123	1800	123.750000000	05/03/2010 18:00	05/03/2010 17:00	2.9384	31.7354	105.2220483	105.174851	0.895624	105.172209	
110	123	1900	123.791666667	05/03/2010 19:00	05/03/2010 18:00	2.9055	31.7681	105.2120846	105.164887	0.885596	105.162181	
110	123	2000	123.833333333	05/03/2010 20:00	05/03/2010 19:00	2.8841	31.7894	105.2056036	105.158407	0.879074	105.155659	
110	123	2100	123.875000000	05/03/2010 21:00	05/03/2010 20:00	2.8486	31.8246	105.1948525	105.147655	0.868253	105.144838	
110	123	2200	123.916666667	05/03/2010 22:00	05/03/2010 21:00	2.8228	31.8503	105.1870389	105.139842	0.860389	105.136974	
110	123	2300	123.958333333	05/03/2010 23:00	05/03/2010 22:00	2.807	31.8660	105.1822539	105.135057	0.855574	105.132159	
110	124	0	124.000000000	05/04/2010 0:00	05/03/2010 23:00	2.794	31.8789	105.1783169	105.131120	0.851611	105.128196	
110	124	100	124.041666667	05/04/2010 1:00	05/04/2010 0:00	2.7937	31.8792	105.178226	105.131029	0.851520	105.128105	
110	124	200	124.083333333	05/04/2010 2:00	05/04/2010 1:00	2.8024	31.8705	105.1808608	105.133664	0.854172	105.130757	
110	124	300	124.125000000	05/04/2010 3:00	05/04/2010 2:00	2.8114	31.8616	105.1835865	105.136389	0.856915	105.133500	
110	124	400	124.166666667	05/04/2010 4:00	05/04/2010 3:00	2.8245	31.8486	105.1875538	105.140357	0.860908	105.137493	
110	124	500	124.208333333	05/04/2010 5:00	05/04/2010 4:00	2.8419	31.8313	105.1928234	105.145626	0.866211	105.142796	
110	124	600	124.250000000	05/04/2010 6:00	05/04/2010 5:00	2.859	31.8143	105.1980021	105.150805	0.871423	105.148008	
110	124	700	124.291666667	05/04/2010 7:00	05/04/2010 6:00	2.8829	31.7906	105.2052402	105.158043	0.878708	105.155293	
110	124	800	124.333333333	05/04/2010 8:00	05/04/2010 7:00	2.8926	31.7809	105.2081778	105.160981	0.881664	105.158250	
110	124	900	124.375000000	05/04/2010 9:00	05/04/2010 8:00	2.9009	31.7727	105.2106915	105.163494	0.884194	105.160779	
110	124	1000	124.416666667	05/04/2010 10:00	05/04/2010 9:00	2.9158	31.7579	105.2152039	105.168007	0.888736	105.165321	
110	124	1100	124.458333333	05/04/2010 11:00	05/04/2010 10:00	2.9354	31.7384	105.2211398	105.173943	0.894710	105.171295	
110	124	1200	124.500000000	05/04/2010 12:00	05/04/2010 11:00	2.9413	31.7325	105.2229266	105.175729	0.896508	105.173093	
110	124	1300	124.541666667	05/04/2010 13:00	05/04/2010 12:00	2.9835	31.6906	105.2357068	105.188510	0.909371	105.185956	
110	124	1400	124.583333333	05/04/2010 14:00	05/04/2010 13:00	3.009	31.6653	105.2434295	105.196232	0.917143	105.193728	
110	124	1500	124.625000000	05/04/2010 15:00	05/04/2010 14:00	3.0342	31.6402	105.2510613	105.203864	0.924824	105.201409	
110	124	1600	124.666666667	05/04/2010 16:00	05/04/2010 15:00	3.0516	31.6229	105.2563309	105.209134	0.930128	105.206713	
110	124	1700	124.708333333	05/04/2010 17:00	05/04/2010 16:00	3.0843	31.5904	105.266234	105.219037	0.940095	105.216680	
110	124	1800	124.750000000	05/04/2010 18:00	05/04/2010 17:00	3.1092	31.5657	105.273775	105.226578	0.947684	105.224269	
110	124	1900	124.791666667	05/04/2010 19:00	05/04/2010 18:00	3.1307	31.5443	105.2802862	105.233089	0.954237	105.230822	
110	124	2000	124.833333333	05/04/2010 20:00	05/04/2010 19:00	3.148	31.5271	105.2855255	105.238328	0.959510	105.236095	
110	124	2100	124.875000000	05/04/2010 21:00	05/04/2010 20:00	3.1601	31.5151	105.28919	105.241993	0.963198	105.239784	
110	124	2200	124.916666667	05/04/2010 22:00	05/04/2010 21:00	3.1657	31.5096	105.290886	105.243689	0.964905	105.241490	
110	124	2300	124.958333333	05/04/2010 23:00	05/04/2010 22:00	3.165	31.5103	105.290674	105.243477	0.964692	105.241277	
110	125	0	125.000000000	05/05/2010 0:00	05/04/2010 23:00	3.1599	31.5153	105.2891294	105.241932	0.963138	105.239723	
110	125	100	125.041666667	05/05/2010 1:00	05/05/2010 0:00	3.1515	31.5237	105.2865855	105.239388	0.960577	105.237162	
110	125	200	125.083333333	05/05/2010 2:00	05/05/2010 1:00	3.1515	31.5237	105.2865855	105.239388	0.960577	105.237162	
110	125	300	125.125000000	05/05/2010 3:00	05/05/2010 2:00	3.1518	31.5234	105.2866764	105.239479	0.960669	105.237254	
110	125	400	125.166666667	05/05/2010 4:00	05/05/2010 3:00	3.1515	31.5237	105.2865855	105.239388	0.960577	105.237162	
110	125	500	125.208333333	05/05/2010 5:00	05/05/2010 4:00	3.1557	31.5195	105.2878575	105.240660	0.961857	105.238442	
110	125	600	125.250000000	05/05/2010 6:00	05/05/2010 5:00	3.1548	31.5204	105.2875849	105.240388	0.961583	105.238168	
110	125	700	125.291666667	05/05/2010 7:00	05/05/2010 6:00	3.156	31.5192	105.2879483	105.240751	0.961949	105.238534	
110	125	800	125.333333333	05/05/2010 8:00	05/05/2010 7:00	3.153	31.5222	105.2870398	105.239843	0.961034	105.237619	
110	125	900	125.375000000	05/05/2010 9:00	05/05/2010 8:00	3.152	31.5232	105.2867369	105.239540	0.960730	105.237315	
110	125	1000	125.416666667	05/05/2010 10:00	05/05/2010 9:00	3.1487	31.5265	105.2857375	105.238540	0.959724	105.236309	
110	125	1100	125.458333333	05/05/2010 11:00	05/05/2010 10:00	3.1384	31.5367	105.2826182	105.235421	0.956584	105.233169	
110	125	1200	125.500000000	05/05/2010 12:00	05/05/2010 11:00	3.1407	31.5344	105.2833147	105.236118	0.957285	105.233870	
110	125	1300	125.541666667	05/05/2010 13:00	05/05/2010 12:00	3.1372	31.5379	105.2822548	105.235058	0.956219	105.232804	
110	125	1400	125.583333333	05/05/2010 14:00	05/05/2010 13:00	3.1569	31.5183	105.2882209	105.241024	0.962223	105.238808	
110	125	1500	125.625000000	05/05/2010 15:00	05/05/2010 14:00	3.1531	31.5221	105.2870701	105.239873	0.961065	105.237650	
110	125	1600	125.666666667	05/05/2010 16:00	05/05/2010 15:00	3.1618	31.5134	105.2897049	105.242508	0.963717	105.240302	
110	125	1700	125.708333333	05/05/2010 17:00	05/05/2010 16:00	3.1763	31.4990	105.2940962	105.246899	0.968136	105.244721	
110	125	1800	125.750000000	05/05/2010 18:00	05/05/2010 17:00	3.1879	31.4875	105.2976092	105.250412	0.971672	105.248257	
110	125	1900	125.791666667	05/05/2010 19:00	05/05/2010 18:00	3.2048	31.4707	105.3027274	105.255530	0.976823	105.253408	
110	125	2000	125.833333333	05/05/2010 20:00	05/05/2010 19:00	3.221	31.4546	105.3076335	105.260436	0.981761	105.258346	
110	125	2100	125.875000000	05/05/2010 21:00	05/05/2010 20:00	3.2313	31.4444	105.3107529	105.263556	0.984900	105.261485	
110	125	2200	125.916666667	05/05/2010 22:00	05/05/2010 21:00	3.2428	31.4330	105.3142356	105.267039	0.988405	105.264990	
110	125	2300	125.958333333	05/05/2010 23:00	05/05/2010 22:00	3.2535	31.4223	105.3174761	105.270279	0.991667	105.268252	
110	126	0	126.000000000	05/06/2010 0:00	05/05/2010 23:00	3.2606	31.4153	105.3196264	105.272429	0.993831	105.270416	
110	126	100	126.041666667	05/06/2010 1:00	05/06/2010 0:00	3.2738	31.4022	105.323624	105.276427	0.997854	105.274439	
110	126	200	126.083333333	05/06/2010 2:00	05/06/2010 1:00	3.2865	31.3895	105.3274702	105.280273	1.001725	105.278310	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	126	300	126.125000000	05/06/2010 3:00	05/06/2010 2:00	3.3014	31.3747	105.3319826	105.284786	1.006267	105.282852	
110	126	400	126.166666667	05/06/2010 4:00	05/06/2010 3:00	3.313	31.3632	105.3354957	105.288299	1.009802	105.286387	
110	126	500	126.208333333	05/06/2010 5:00	05/06/2010 4:00	3.3179	31.3583	105.3369796	105.289783	1.011296	105.287881	
110	126	600	126.250000000	05/06/2010 6:00	05/06/2010 5:00	3.3214	31.3549	105.3380396	105.290842	1.012363	105.288948	
110	126	700	126.291666667	05/06/2010 7:00	05/06/2010 6:00	3.3164	31.3598	105.3365254	105.289328	1.010839	105.287424	
110	126	800	126.333333333	05/06/2010 8:00	05/06/2010 7:00	3.3099	31.3663	105.3345568	105.287360	1.008858	105.285443	
110	126	900	126.375000000	05/06/2010 9:00	05/06/2010 8:00	3.2984	31.3777	105.3310741	105.283877	1.005352	105.281937	
110	126	1000	126.416666667	05/06/2010 10:00	05/06/2010 9:00	3.2829	31.3931	105.3263799	105.279183	1.000628	105.277213	
110	126	1100	126.458333333	05/06/2010 11:00	05/06/2010 10:00	3.279	31.3970	105.3251988	105.278002	0.999439	105.276024	
110	126	1200	126.500000000	05/06/2010 12:00	05/06/2010 11:00	3.2647	31.4112	105.320868	105.273671	0.995081	105.271666	
110	126	1300	126.541666667	05/06/2010 13:00	05/06/2010 12:00	3.2515	31.4243	105.3168704	105.269673	0.991057	105.267642	
110	126	1400	126.583333333	05/06/2010 14:00	05/06/2010 13:00	3.2627	31.4132	105.3202623	105.273065	0.994471	105.271056	
110	126	1500	126.625000000	05/06/2010 15:00	05/06/2010 14:00	3.2657	31.4102	105.3211709	105.273974	0.995385	105.271970	
110	126	1600	126.666666667	05/06/2010 16:00	05/06/2010 15:00	3.2869	31.3891	105.3275913	105.280394	1.001847	105.278432	
110	126	1700	126.708333333	05/06/2010 17:00	05/06/2010 16:00	3.2992	31.3769	105.3313163	105.284119	1.005596	105.282181	
110	126	1800	126.750000000	05/06/2010 18:00	05/06/2010 17:00	3.3119	31.3643	105.3351625	105.287965	1.009467	105.286052	
110	126	1900	126.791666667	05/06/2010 19:00	05/06/2010 18:00	3.3294	31.3469	105.3404624	105.293265	1.014801	105.291386	
110	126	2000	126.833333333	05/06/2010 20:00	05/06/2010 19:00	3.3462	31.3302	105.3455503	105.298353	1.019922	105.296507	
110	126	2100	126.875000000	05/06/2010 21:00	05/06/2010 20:00	3.3677	31.3089	105.3520615	105.304864	1.026475	105.303060	
110	126	2200	126.916666667	05/06/2010 22:00	05/06/2010 21:00	3.3923	31.2844	105.3595116	105.312315	1.033973	105.310558	
110	126	2300	126.958333333	05/06/2010 23:00	05/06/2010 22:00	3.4202	31.2567	105.3679611	105.320764	1.042477	105.319062	
110	127	0	127.000000000	05/07/2010 0:00	05/06/2010 23:00	3.4419	31.2351	105.3745329	105.327336	1.049091	105.325676	
110	127	100	127.041666667	05/07/2010 1:00	05/07/2010 0:00	3.464	31.2132	105.3812259	105.334029	1.055827	105.332412	
110	127	200	127.083333333	05/07/2010 2:00	05/07/2010 1:00	3.4831	31.1942	105.3870103	105.339813	1.061649	105.338234	
110	127	300	127.125000000	05/07/2010 3:00	05/07/2010 2:00	3.4952	31.1822	105.3906748	105.343478	1.065337	105.341922	
110	127	400	127.166666667	05/07/2010 4:00	05/07/2010 3:00	3.5042	31.1732	105.3934004	105.346203	1.068080	105.344665	
110	127	500	127.208333333	05/07/2010 5:00	05/07/2010 4:00	3.5052	31.1722	105.3937033	105.346506	1.068385	105.344970	
110	127	600	127.250000000	05/07/2010 6:00	05/07/2010 5:00	3.498	31.1794	105.3915228	105.344326	1.066190	105.342775	
110	127	700	127.291666667	05/07/2010 7:00	05/07/2010 6:00	3.4855	31.1918	105.3877372	105.340540	1.062380	105.338965	
110	127	800	127.333333333	05/07/2010 8:00	05/07/2010 7:00	3.4701	31.2071	105.3830733	105.335876	1.057686	105.334272	
110	127	900	127.375000000	05/07/2010 9:00	05/07/2010 8:00	3.4617	31.2155	105.3805294	105.333332	1.055126	105.331711	
110	127	1000	127.416666667	05/07/2010 10:00	05/07/2010 9:00	3.4586	31.2185	105.3795905	105.332393	1.054181	105.330766	
110	127	1100	127.458333333	05/07/2010 11:00	05/07/2010 10:00	3.4637	31.2135	105.3811351	105.333938	1.055736	105.332321	
110	127	1200	127.500000000	05/07/2010 12:00	05/07/2010 11:00	3.4675	31.2097	105.3822859	105.335089	1.056894	105.333479	
110	127	1300	127.541666667	05/07/2010 13:00	05/07/2010 12:00	3.4787	31.1986	105.3856778	105.338481	1.060308	105.336893	
110	127	1400	127.583333333	05/07/2010 14:00	05/07/2010 13:00	3.4917	31.1856	105.3896148	105.342418	1.064270	105.340855	
110	127	1500	127.625000000	05/07/2010 15:00	05/07/2010 14:00	3.5036	31.1738	105.3932187	105.346022	1.067897	105.344482	
110	127	1600	127.666666667	05/07/2010 16:00	05/07/2010 15:00	3.5403	31.1374	105.4043333	105.357136	1.079083	105.355668	
110	127	1700	127.708333333	05/07/2010 17:00	05/07/2010 16:00	3.5543	31.1234	105.4085732	105.361376	1.083351	105.359936	
110	127	1800	127.750000000	05/07/2010 18:00	05/07/2010 17:00	3.5641	31.1137	105.4115411	105.364344	1.086338	105.362923	
110	127	1900	127.791666667	05/07/2010 19:00	05/07/2010 18:00	3.5752	31.1027	105.4149027	105.367706	1.089721	105.366306	
110	127	2000	127.833333333	05/07/2010 20:00	05/07/2010 19:00	3.5823	31.0956	105.417053	105.369856	1.091885	105.368470	
110	127	2100	127.875000000	05/07/2010 21:00	05/07/2010 20:00	3.5897	31.0883	105.4192941	105.372097	1.094141	105.370726	
110	127	2200	127.916666667	05/07/2010 22:00	05/07/2010 21:00	3.5898	31.0882	105.4193243	105.372127	1.094171	105.370756	
110	127	2300	127.958333333	05/07/2010 23:00	05/07/2010 22:00	3.5853	31.0926	105.4179615	105.370764	1.092799	105.369384	
110	128	0	128.000000000	05/08/2010 0:00	05/07/2010 23:00	3.5774	31.1005	105.415569	105.368372	1.090392	105.366977	
110	128	100	128.041666667	05/08/2010 1:00	05/08/2010 0:00	3.5681	31.1097	105.4127525	105.365555	1.087557	105.364142	
110	128	200	128.083333333	05/08/2010 2:00	05/08/2010 1:00	3.5529	31.1248	105.4081492	105.360952	1.082924	105.359509	
110	128	300	128.125000000	05/08/2010 3:00	05/08/2010 2:00	3.5379	31.1397	105.4036065	105.356409	1.078352	105.354937	
110	128	400	128.166666667	05/08/2010 4:00	05/08/2010 3:00	3.5224	31.1551	105.3989123	105.351715	1.073628	105.350213	
110	128	500	128.208333333	05/08/2010 5:00	05/08/2010 4:00	3.504	31.1734	105.3933399	105.346143	1.068019	105.344604	
110	128	600	128.250000000	05/08/2010 6:00	05/08/2010 5:00	3.4827	31.1946	105.3868892	105.339692	1.061527	105.338112	
110	128	700	128.291666667	05/08/2010 7:00	05/08/2010 6:00	3.4608	31.2163	105.3802568	105.333060	1.054852	105.331437	
110	128	800	128.333333333	05/08/2010 8:00	05/08/2010 7:00	3.4408	31.2362	105.3741998	105.327003	1.048756	105.325341	
110	128	900	128.375000000	05/08/2010 9:00	05/08/2010 8:00	3.4163	31.2606	105.36678	105.319583	1.041288	105.317873	
110	128	1000	128.416666667	05/08/2010 10:00	05/08/2010 9:00	3.394	31.2827	105.3600265	105.312829	1.034491	105.311076	
110	128	1100	128.458333333	05/08/2010 11:00	05/08/2010 10:00	3.3725	31.3041	105.3535152	105.306318	1.027938	105.304523	
110	128	1200	128.500000000	05/08/2010 12:00	05/08/2010 11:00	3.3413	31.3351	105.3440663	105.296869	1.018428	105.295013	
110	128	1300	128.541666667	05/08/2010 13:00	05/08/2010 12:00	3.3419	31.3345	105.344248	105.297051	1.018611	105.295196	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	128	1400	128.583333333	05/08/2010 14:00	05/08/2010 13:00	3.319	31.3572	105.3373128	105.290116	1.011631	105.288216	
110	128	1500	128.625000000	05/08/2010 15:00	05/08/2010 14:00	3.3232	31.3531	105.3385847	105.291388	1.012911	105.289496	
110	128	1600	128.666666667	05/08/2010 16:00	05/08/2010 15:00	3.2982	31.3779	105.3310135	105.283816	1.005291	105.281876	
110	128	1700	128.708333333	05/08/2010 17:00	05/08/2010 16:00	3.2784	31.3976	105.3250171	105.277820	0.999256	105.275841	
110	128	1800	128.750000000	05/08/2010 18:00	05/08/2010 17:00	3.2629	31.4130	105.3203229	105.273126	0.994532	105.271117	
110	128	1900	128.791666667	05/08/2010 19:00	05/08/2010 18:00	3.2585	31.4174	105.3189904	105.271793	0.993191	105.269776	
110	128	2000	128.833333333	05/08/2010 20:00	05/08/2010 19:00	3.2533	31.4225	105.3174156	105.270218	0.991606	105.268191	
110	128	2100	128.875000000	05/08/2010 21:00	05/08/2010 20:00	3.2574	31.4184	105.3186572	105.271460	0.992856	105.269441	
110	128	2200	128.916666667	05/08/2010 22:00	05/08/2010 21:00	3.258	31.4179	105.318839	105.271642	0.993038	105.269623	
110	128	2300	128.958333333	05/08/2010 23:00	05/08/2010 22:00	3.2827	31.3933	105.3263193	105.279122	1.000567	105.277152	
110	129	0	129.000000000	05/09/2010 0:00	05/08/2010 23:00	3.2981	31.3780	105.3309832	105.283786	1.005261	105.281846	
110	129	100	129.041666667	05/09/2010 1:00	05/09/2010 0:00	3.3169	31.3593	105.3366768	105.289480	1.010991	105.287576	
110	129	200	129.083333333	05/09/2010 2:00	05/09/2010 1:00	3.3372	31.3392	105.3428246	105.295628	1.017179	105.293764	
110	129	300	129.125000000	05/09/2010 3:00	05/09/2010 2:00	3.3509	31.3255	105.3469737	105.299777	1.021354	105.297939	
110	129	400	129.166666667	05/09/2010 4:00	05/09/2010 3:00	3.3652	31.3113	105.3513044	105.304107	1.025713	105.302298	
110	129	500	129.208333333	05/09/2010 5:00	05/09/2010 4:00	3.389	31.2877	105.3585122	105.311315	1.032967	105.309552	
110	129	600	129.250000000	05/09/2010 6:00	05/09/2010 5:00	3.402	31.2748	105.3624493	105.315252	1.036930	105.313515	
110	129	700	129.291666667	05/09/2010 7:00	05/09/2010 6:00	3.3911	31.2856	105.3591482	105.311951	1.033607	105.310192	
110	129	800	129.333333333	05/09/2010 8:00	05/09/2010 7:00	3.423	31.2539	105.3688091	105.321612	1.043330	105.319915	
110	129	900	129.375000000	05/09/2010 9:00	05/09/2010 8:00	3.4138	31.2630	105.3660229	105.318826	1.040526	105.317111	
110	129	1000	129.416666667	05/09/2010 10:00	05/09/2010 9:00	3.4165	31.2604	105.3668406	105.319643	1.041349	105.317934	
110	129	1100	129.458333333	05/09/2010 11:00	05/09/2010 10:00	3.4202	31.2567	105.3679611	105.320764	1.042477	105.319062	
110	129	1200	129.500000000	05/09/2010 12:00	05/09/2010 11:00	3.425	31.2519	105.3694148	105.322218	1.043940	105.320525	
110	129	1300	129.541666667	05/09/2010 13:00	05/09/2010 12:00	3.4286	31.2483	105.370505	105.323308	1.045037	105.321622	
110	129	1400	129.583333333	05/09/2010 14:00	05/09/2010 13:00	3.4427	31.2343	105.3747752	105.327578	1.049335	105.325920	
110	129	1500	129.625000000	05/09/2010 15:00	05/09/2010 14:00	3.4715	31.2057	105.3834973	105.336300	1.058113	105.334698	
110	129	1600	129.666666667	05/09/2010 16:00	05/09/2010 15:00	3.4793	31.1980	105.3858595	105.338662	1.060491	105.337076	
110	129	1700	129.708333333	05/09/2010 17:00	05/09/2010 16:00	3.4739	31.2033	105.3842241	105.337027	1.058845	105.335430	
110	129	1800	129.750000000	05/09/2010 18:00	05/09/2010 17:00	3.4693	31.2079	105.382831	105.335634	1.057443	105.334028	
110	129	1900	129.791666667	05/09/2010 19:00	05/09/2010 18:00	3.4621	31.2151	105.3806505	105.333453	1.055248	105.331833	
110	129	2000	129.833333333	05/09/2010 20:00	05/09/2010 19:00	3.449	31.2281	105.3766832	105.329486	1.051255	105.327840	
110	129	2100	129.875000000	05/09/2010 21:00	05/09/2010 20:00	3.4391	31.2379	105.373685	105.326488	1.048238	105.324823	
110	129	2200	129.916666667	05/09/2010 22:00	05/09/2010 21:00	3.4243	31.2526	105.3692028	105.322006	1.043727	105.320312	
110	129	2300	129.958333333	05/09/2010 23:00	05/09/2010 22:00	3.4147	31.2622	105.3662954	105.319098	1.040801	105.317386	
110	130	0	130.000000000	05/10/2010 0:00	05/09/2010 23:00	3.4092	31.2676	105.3646298	105.317433	1.039124	105.315709	
110	130	100	130.041666667	05/10/2010 1:00	05/10/2010 0:00	3.4061	31.2707	105.3636909	105.316494	1.038179	105.314764	
110	130	200	130.083333333	05/10/2010 2:00	05/10/2010 1:00	3.3981	31.2786	105.3612681	105.314071	1.035741	105.312326	
110	130	300	130.125000000	05/10/2010 3:00	05/10/2010 2:00	3.3865	31.2902	105.3577551	105.310558	1.032205	105.308790	
110	130	400	130.166666667	05/10/2010 4:00	05/10/2010 3:00	3.3774	31.2992	105.3549992	105.307802	1.029432	105.306017	
110	130	500	130.208333333	05/10/2010 5:00	05/10/2010 4:00	3.3848	31.2919	105.3572402	105.310043	1.031687	105.308272	
110	130	600	130.250000000	05/10/2010 6:00	05/10/2010 5:00	3.4022	31.2746	105.3625098	105.315313	1.036991	105.313576	
110	130	700	130.291666667	05/10/2010 7:00	05/10/2010 6:00	3.4135	31.2633	105.365932	105.318735	1.040435	105.317020	
110	130	800	130.333333333	05/10/2010 8:00	05/10/2010 7:00	3.4234	31.2535	105.3689302	105.321733	1.043452	105.320037	
110	130	900	130.375000000	05/10/2010 9:00	05/10/2010 8:00	3.4388	31.2382	105.3735941	105.326397	1.048146	105.324731	
110	130	1000	130.416666667	05/10/2010 10:00	05/10/2010 9:00	3.4556	31.2215	105.378682	105.331485	1.053267	105.329852	
110	130	1100	130.458333333	05/10/2010 11:00	05/10/2010 10:00	3.5027	31.1747	105.3929462	105.345749	1.067623	105.344208	
110	130	1200	130.500000000	05/10/2010 12:00	05/10/2010 11:00	3.5191	31.1584	105.3979129	105.350716	1.072622	105.349207	
110	130	1300	130.541666667	05/10/2010 13:00	05/10/2010 12:00	3.5017	31.1757	105.3926433	105.345446	1.067318	105.343903	
110	130	1400	130.583333333	05/10/2010 14:00	05/10/2010 13:00	3.5112	31.1663	105.3955204	105.348323	1.070214	105.346799	
110	130	1500	130.625000000	05/10/2010 15:00	05/10/2010 14:00	3.5566	31.1212	105.4092697	105.362073	1.084052	105.360637	
110	130	1600	130.666666667	05/10/2010 16:00	05/10/2010 15:00	3.5664	31.1114	105.4122377	105.365041	1.087039	105.363624	
110	130	1700	130.708333333	05/10/2010 17:00	05/10/2010 16:00	3.562	31.1158	105.4109051	105.363708	1.085698	105.362283	
110	130	1800	130.750000000	05/10/2010 18:00	05/10/2010 17:00	3.5777	31.1002	105.4156599	105.368463	1.090483	105.367068	
110	130	1900	130.791666667	05/10/2010 19:00	05/10/2010 18:00	3.5769	31.1010	105.4154176	105.368220	1.090239	105.366824	
110	130	2000	130.833333333	05/10/2010 20:00	05/10/2010 19:00	3.5782	31.0997	105.4158113	105.368614	1.090635	105.367220	
110	130	2100	130.875000000	05/10/2010 21:00	05/10/2010 20:00	3.5782	31.0997	105.4158113	105.368614	1.090635	105.367220	
110	130	2200	130.916666667	05/10/2010 22:00	05/10/2010 21:00	3.5773	31.1006	105.4155387	105.368342	1.090361	105.366946	
110	130	2300	130.958333333	05/10/2010 23:00	05/10/2010 22:00	3.5641	31.1137	105.4115411	105.364344	1.086338	105.362923	
110	131	0	131.000000000	05/11/2010 0:00	05/10/2010 23:00	3.5504	31.1273	105.4073921	105.360195	1.082162	105.358747	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	131	100	131.041666667	05/11/2010 1:00	05/11/2010 0:00	3.5409	31.1368	105.404515	105.357318	1.079266	105.355851	
110	131	200	131.083333333	05/11/2010 2:00	05/11/2010 1:00	3.5341	31.1435	105.4024556	105.355259	1.077194	105.353779	
110	131	300	131.125000000	05/11/2010 3:00	05/11/2010 2:00	3.5244	31.1532	105.399518	105.352321	1.074237	105.350822	
110	131	400	131.166666667	05/11/2010 4:00	05/11/2010 3:00	3.5135	31.1640	105.3962169	105.349020	1.070915	105.347500	
110	131	500	131.208333333	05/11/2010 5:00	05/11/2010 4:00	3.5061	31.1713	105.3939759	105.346779	1.068659	105.345244	
110	131	600	131.250000000	05/11/2010 6:00	05/11/2010 5:00	3.4686	31.2086	105.382619	105.335422	1.057229	105.333814	
110	131	700	131.291666667	05/11/2010 7:00	05/11/2010 6:00	3.4588	31.2183	105.3796511	105.332454	1.054242	105.330827	
110	131	800	131.333333333	05/11/2010 8:00	05/11/2010 7:00	3.4635	31.2137	105.3810745	105.333877	1.055675	105.332260	
110	131	900	131.375000000	05/11/2010 9:00	05/11/2010 8:00	3.4488	31.2283	105.3766226	105.329425	1.051194	105.327779	
110	131	1000	131.416666667	05/11/2010 10:00	05/11/2010 9:00	3.4497	31.2274	105.3768952	105.329698	1.051469	105.328054	
110	131	1100	131.458333333	05/11/2010 11:00	05/11/2010 10:00	3.4637	31.2135	105.3811351	105.333938	1.055736	105.332321	
110	131	1200	131.500000000	05/11/2010 12:00	05/11/2010 11:00	3.4784	31.1989	105.3855869	105.338390	1.060216	105.336801	
110	131	1300	131.541666667	05/11/2010 13:00	05/11/2010 12:00	3.4945	31.1829	105.3904628	105.343266	1.065124	105.341709	
110	131	1400	131.583333333	05/11/2010 14:00	05/11/2010 13:00	3.5241	31.1535	105.3994271	105.352230	1.074146	105.350731	
110	131	1500	131.625000000	05/11/2010 15:00	05/11/2010 14:00	3.5684	31.1094	105.4128434	105.365646	1.087648	105.364233	
110	131	1600	131.666666667	05/11/2010 16:00	05/11/2010 15:00	3.5911	31.0869	105.419718	105.372521	1.094567	105.371152	
110	131	1700	131.708333333	05/11/2010 17:00	05/11/2010 16:00	3.619	31.0592	105.4281675	105.380970	1.103071	105.379656	
110	131	1800	131.750000000	05/11/2010 18:00	05/11/2010 17:00	3.6455	31.0328	105.4361931	105.388996	1.111148	105.387733	
110	131	1900	131.791666667	05/11/2010 19:00	05/11/2010 18:00	3.6492	31.0292	105.4373136	105.390116	1.112276	105.388861	
110	131	2000	131.833333333	05/11/2010 20:00	05/11/2010 19:00	3.6632	31.0152	105.4415535	105.394356	1.116543	105.393128	
110	131	2100	131.875000000	05/11/2010 21:00	05/11/2010 20:00	3.6766	31.0019	105.4456117	105.398415	1.120628	105.397213	
110	131	2200	131.916666667	05/11/2010 22:00	05/11/2010 21:00	3.6788	30.9997	105.4462779	105.399081	1.121298	105.397883	
110	131	2300	131.958333333	05/11/2010 23:00	05/11/2010 22:00	3.6682	31.0103	105.4430677	105.395871	1.118067	105.394652	
110	132	0	132.000000000	05/12/2010 0:00	05/11/2010 23:00	3.659	31.0194	105.4402815	105.393084	1.115263	105.391848	
110	132	100	132.041666667	05/12/2010 1:00	05/12/2010 0:00	3.6523	31.0261	105.4382524	105.391055	1.113221	105.389806	
110	132	200	132.083333333	05/12/2010 2:00	05/12/2010 1:00	3.6455	31.0328	105.4361931	105.388996	1.111148	105.387733	
110	132	300	132.125000000	05/12/2010 3:00	05/12/2010 2:00	3.646	31.0323	105.4363445	105.389147	1.111301	105.387886	
110	132	400	132.166666667	05/12/2010 4:00	05/12/2010 3:00	3.6499	31.0285	105.4375256	105.390328	1.112490	105.389075	
110	132	500	132.208333333	05/12/2010 5:00	05/12/2010 4:00	3.6479	31.0304	105.4369199	105.389723	1.111880	105.388465	
110	132	600	132.250000000	05/12/2010 6:00	05/12/2010 5:00	3.6561	31.0223	105.4394033	105.392206	1.114379	105.390964	
110	132	700	132.291666667	05/12/2010 7:00	05/12/2010 6:00	3.6695	31.0090	105.4434614	105.396264	1.118464	105.395049	
110	132	800	132.333333333	05/12/2010 8:00	05/12/2010 7:00	3.6822	30.9964	105.4473076	105.400111	1.122335	105.398920	
110	132	900	132.375000000	05/12/2010 9:00	05/12/2010 8:00	3.696	30.9827	105.4514869	105.404290	1.126541	105.403126	
110	132	1000	132.416666667	05/12/2010 10:00	05/12/2010 9:00	3.7107	30.9680	105.4559388	105.408742	1.131021	105.407606	
110	132	1100	132.458333333	05/12/2010 11:00	05/12/2010 10:00	3.7283	30.9506	105.461269	105.414072	1.136386	105.412971	
110	132	1200	132.500000000	05/12/2010 12:00	05/12/2010 11:00	3.7463	30.9327	105.4667203	105.419523	1.141872	105.418457	
110	132	1300	132.541666667	05/12/2010 13:00	05/12/2010 12:00	3.7675	30.9116	105.4731407	105.425944	1.148334	105.424919	
110	132	1400	132.583333333	05/12/2010 14:00	05/12/2010 13:00	3.7844	30.8948	105.4782588	105.431062	1.153485	105.430070	
110	132	1500	132.625000000	05/12/2010 15:00	05/12/2010 14:00	3.7919	30.8874	105.4805302	105.433333	1.155771	105.432356	
110	132	1600	132.666666667	05/12/2010 16:00	05/12/2010 15:00	3.7932	30.8861	105.4809239	105.433727	1.156167	105.432752	
110	132	1700	132.708333333	05/12/2010 17:00	05/12/2010 16:00	3.7907	30.8886	105.4801668	105.432970	1.155405	105.431990	
110	132	1800	132.750000000	05/12/2010 18:00	05/12/2010 17:00	3.783	30.8962	105.4778348	105.430638	1.153058	105.429643	
110	132	1900	132.791666667	05/12/2010 19:00	05/12/2010 18:00	3.7726	30.9065	105.4746852	105.427488	1.149888	105.426474	
110	132	2000	132.833333333	05/12/2010 20:00	05/12/2010 19:00	3.765	30.9141	105.4723835	105.425186	1.147572	105.424157	
110	132	2100	132.875000000	05/12/2010 21:00	05/12/2010 20:00	3.7551	30.9239	105.4693853	105.422188	1.144554	105.421140	
110	132	2200	132.916666667	05/12/2010 22:00	05/12/2010 21:00	3.7488	30.9302	105.4674774	105.420280	1.142634	105.419219	
110	132	2300	132.958333333	05/12/2010 23:00	05/12/2010 22:00	3.7491	30.9299	105.4675682	105.420371	1.142726	105.419311	
110	133	0	133.000000000	05/13/2010 0:00	05/12/2010 23:00	3.7575	30.9215	105.4701122	105.422915	1.145286	105.421871	
110	133	100	133.041666667	05/13/2010 1:00	05/13/2010 0:00	3.7772	30.9020	105.4760783	105.428881	1.151291	105.427876	
110	133	200	133.083333333	05/13/2010 2:00	05/13/2010 1:00	3.8007	30.8786	105.4831953	105.435998	1.158453	105.435038	
110	133	300	133.125000000	05/13/2010 3:00	05/13/2010 2:00	3.8172	30.8622	105.4881923	105.440995	1.163483	105.440068	
110	133	400	133.166666667	05/13/2010 4:00	05/13/2010 3:00	3.8331	30.8464	105.4930076	105.445810	1.168329	105.444914	
110	133	500	133.208333333	05/13/2010 5:00	05/13/2010 4:00	3.8461	30.8335	105.4969446	105.449748	1.172291	105.448876	
110	133	600	133.250000000	05/13/2010 6:00	05/13/2010 5:00	3.8621	30.8176	105.5017902	105.454593	1.177168	105.453753	
110	133	700	133.291666667	05/13/2010 7:00	05/13/2010 6:00	3.8776	30.8022	105.5064844	105.459287	1.181892	105.458478	
110	133	800	133.333333333	05/13/2010 8:00	05/13/2010 7:00	3.8954	30.7845	105.5118751	105.464678	1.187318	105.463903	
110	133	900	133.375000000	05/13/2010 9:00	05/13/2010 8:00	3.9212	30.7589	105.5196886	105.472491	1.195182	105.471767	
110	133	1000	133.416666667	05/13/2010 10:00	05/13/2010 9:00	3.9465	30.7338	105.5273507	105.480154	1.202893	105.479478	
110	133	1100	133.458333333	05/13/2010 11:00	05/13/2010 10:00	3.9764	30.7040	105.5364059	105.489209	1.212007	105.488592	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	133	1200	133.500000000	05/13/2010 12:00	05/13/2010 11:00	4.0047	30.6759	105.5449765	105.497779	1.220633	105.497218	
110	133	1300	133.541666667	05/13/2010 13:00	05/13/2010 12:00	4.028	30.6528	105.5520329	105.504836	1.227734	105.504319	
110	133	1400	133.583333333	05/13/2010 14:00	05/13/2010 13:00	4.0472	30.6337	105.5578476	105.510651	1.233587	105.510172	
110	133	1500	133.625000000	05/13/2010 15:00	05/13/2010 14:00	4.0628	30.6182	105.5625721	105.515375	1.238341	105.514926	
110	133	1600	133.666666667	05/13/2010 16:00	05/13/2010 15:00	4.0863	30.5949	105.569689	105.522492	1.245504	105.522089	
110	133	1700	133.708333333	05/13/2010 17:00	05/13/2010 16:00	4.1086	30.5727	105.5764426	105.529245	1.252301	105.528886	
110	133	1800	133.750000000	05/13/2010 18:00	05/13/2010 17:00	4.121	30.5604	105.5801979	105.533001	1.256081	105.532666	
110	133	1900	133.791666667	05/13/2010 19:00	05/13/2010 18:00	4.1288	30.5526	105.5825601	105.535363	1.258458	105.535043	
110	133	2000	133.833333333	05/13/2010 20:00	05/13/2010 19:00	4.1374	30.5441	105.5851646	105.537968	1.261080	105.537665	
110	133	2100	133.875000000	05/13/2010 21:00	05/13/2010 20:00	4.1402	30.5413	105.5860126	105.538815	1.261933	105.538518	
110	133	2200	133.916666667	05/13/2010 22:00	05/13/2010 21:00	4.1391	30.5424	105.5856795	105.538482	1.261598	105.538183	
110	133	2300	133.958333333	05/13/2010 23:00	05/13/2010 22:00	4.1351	30.5464	105.5844681	105.537271	1.260378	105.536964	
110	134	0	134.000000000	05/14/2010 0:00	05/13/2010 23:00	4.1272	30.5542	105.5820755	105.534878	1.257971	105.534556	
110	134	100	134.041666667	05/14/2010 1:00	05/14/2010 0:00	4.1228	30.5586	105.580743	105.533546	1.256629	105.533214	
110	134	200	134.083333333	05/14/2010 2:00	05/14/2010 1:00	4.1203	30.5611	105.5799859	105.532789	1.255867	105.532452	
110	134	300	134.125000000	05/14/2010 3:00	05/14/2010 2:00	4.112	30.5693	105.5774722	105.530275	1.253338	105.529923	
110	134	400	134.166666667	05/14/2010 4:00	05/14/2010 3:00	4.1018	30.5795	105.5743832	105.527186	1.250229	105.526814	
110	134	500	134.208333333	05/14/2010 5:00	05/14/2010 4:00	4.0785	30.6026	105.5673268	105.520130	1.243127	105.519712	
110	134	600	134.250000000	05/14/2010 6:00	05/14/2010 5:00	4.0588	30.6222	105.5613607	105.514164	1.237122	105.513707	
110	134	700	134.291666667	05/14/2010 7:00	05/14/2010 6:00	4.0383	30.6425	105.5551522	105.507955	1.230874	105.507459	
110	134	800	134.333333333	05/14/2010 8:00	05/14/2010 7:00	4.0132	30.6675	105.5475507	105.500354	1.223223	105.499808	
110	134	900	134.375000000	05/14/2010 9:00	05/14/2010 8:00	3.9902	30.6903	105.5405852	105.493388	1.216213	105.492798	
110	134	1000	134.416666667	05/14/2010 10:00	05/14/2010 9:00	3.9628	30.7176	105.5322871	105.485090	1.207861	105.484446	
110	134	1100	134.458333333	05/14/2010 11:00	05/14/2010 10:00	3.9476	30.7327	105.5276838	105.480487	1.203228	105.479814	
110	134	1200	134.500000000	05/14/2010 12:00	05/14/2010 11:00	3.9605	30.7198	105.5315906	105.484393	1.207160	105.483745	
110	134	1300	134.541666667	05/14/2010 13:00	05/14/2010 12:00	3.9603	30.7200	105.53153	105.484333	1.207099	105.483684	
110	134	1400	134.583333333	05/14/2010 14:00	05/14/2010 13:00	3.9713	30.7091	105.5348613	105.487664	1.210452	105.487037	
110	134	1500	134.625000000	05/14/2010 15:00	05/14/2010 14:00	3.9842	30.6963	105.5387681	105.491571	1.214384	105.490969	
110	134	1600	134.666666667	05/14/2010 16:00	05/14/2010 15:00	3.9947	30.6859	105.541948	105.494751	1.217585	105.494170	
110	134	1700	134.708333333	05/14/2010 17:00	05/14/2010 16:00	4.0115	30.6692	105.5470359	105.499839	1.222705	105.499290	
110	134	1800	134.750000000	05/14/2010 18:00	05/14/2010 17:00	4.0199	30.6608	105.5495798	105.502383	1.225266	105.501851	
110	134	1900	134.791666667	05/14/2010 19:00	05/14/2010 18:00	4.0338	30.6470	105.5537894	105.506592	1.229502	105.506087	
110	134	2000	134.833333333	05/14/2010 20:00	05/14/2010 19:00	4.0459	30.6350	105.5574539	105.510257	1.233190	105.509775	
110	134	2100	134.875000000	05/14/2010 21:00	05/14/2010 20:00	4.0607	30.6203	105.5619361	105.514739	1.237701	105.514286	
110	134	2200	134.916666667	05/14/2010 22:00	05/14/2010 21:00	4.0714	30.6097	105.5651766	105.517979	1.240963	105.517548	
110	134	2300	134.958333333	05/14/2010 23:00	05/14/2010 22:00	4.084	30.5971	105.5689925	105.521795	1.244803	105.521388	
110	135	0	135.000000000	05/15/2010 0:00	05/14/2010 23:00	4.0887	30.5925	105.5704159	105.523219	1.246236	105.522821	
110	135	100	135.041666667	05/15/2010 1:00	05/15/2010 0:00	4.093	30.5882	105.5717181	105.524521	1.247546	105.524131	
110	135	200	135.083333333	05/15/2010 2:00	05/15/2010 1:00	4.0947	30.5865	105.5722329	105.525036	1.248065	105.524650	
110	135	300	135.125000000	05/15/2010 3:00	05/15/2010 2:00	4.089	30.5922	105.5705067	105.523310	1.246327	105.522912	
110	135	400	135.166666667	05/15/2010 4:00	05/15/2010 3:00	4.081	30.6001	105.5680839	105.520887	1.243889	105.520474	
110	135	500	135.208333333	05/15/2010 5:00	05/15/2010 4:00	4.0666	30.6144	105.5637229	105.516526	1.239500	105.516085	
110	135	600	135.250000000	05/15/2010 6:00	05/15/2010 5:00	4.048	30.6329	105.5580899	105.510893	1.233830	105.510415	
110	135	700	135.291666667	05/15/2010 7:00	05/15/2010 6:00	4.0304	30.6504	105.5527597	105.505563	1.228466	105.505051	
110	135	800	135.333333333	05/15/2010 8:00	05/15/2010 7:00	4.0133	30.6674	105.547581	105.500384	1.223254	105.499839	
110	135	900	135.375000000	05/15/2010 9:00	05/15/2010 8:00	3.9998	30.6808	105.5434926	105.496295	1.219139	105.495724	
110	135	1000	135.416666667	05/15/2010 10:00	05/15/2010 9:00	3.9854	30.6951	105.5391315	105.491934	1.214750	105.491335	
110	135	1100	135.458333333	05/15/2010 11:00	05/15/2010 10:00	3.975	30.7054	105.5359819	105.488785	1.211580	105.488165	
110	135	1200	135.500000000	05/15/2010 12:00	05/15/2010 11:00	3.9653	30.7151	105.5330442	105.485847	1.208623	105.485208	
110	135	1300	135.541666667	05/15/2010 13:00	05/15/2010 12:00	3.954	30.7263	105.5296221	105.482425	1.205179	105.481764	
110	135	1400	135.583333333	05/15/2010 14:00	05/15/2010 13:00	3.9445	30.7357	105.526745	105.479548	1.202284	105.478869	
110	135	1500	135.625000000	05/15/2010 15:00	05/15/2010 14:00	3.9395	30.7407	105.5252307	105.478034	1.200760	105.477345	
110	135	1600	135.666666667	05/15/2010 16:00	05/15/2010 15:00	3.9376	30.7426	105.5246553	105.477458	1.200180	105.476766	
110	135	1700	135.708333333	05/15/2010 17:00	05/15/2010 16:00	3.9408	30.7394	105.5256244	105.478427	1.201156	105.477741	
110	135	1800	135.750000000	05/15/2010 18:00	05/15/2010 17:00	3.9379	30.7423	105.5247462	105.477549	1.200272	105.476857	
110	135	1900	135.791666667	05/15/2010 19:00	05/15/2010 18:00	3.9364	30.7438	105.5242919	105.477095	1.199815	105.476400	
110	135	2000	135.833333333	05/15/2010 20:00	05/15/2010 19:00	3.9301	30.7501	105.522384	105.475187	1.197894	105.474480	
110	135	2100	135.875000000	05/15/2010 21:00	05/15/2010 20:00	3.9185	30.7616	105.5188709	105.471674	1.194359	105.470944	
110	135	2200	135.916666667	05/15/2010 22:00	05/15/2010 21:00	3.9034	30.7766	105.5142979	105.467101	1.189756	105.466341	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	135	2300	135.958333333	05/15/2010 23:00	05/15/2010 22:00	3.8874	30.7925	105.5094523	105.462255	1.184880	105.461465	
110	136	0	136.000000000	05/16/2010 0:00	05/15/2010 23:00	3.8749	30.8049	105.5056667	105.458470	1.181070	105.457655	
110	136	100	136.041666667	05/16/2010 1:00	05/16/2010 0:00	3.8632	30.8165	105.5021233	105.454926	1.177503	105.454088	
110	136	200	136.083333333	05/16/2010 2:00	05/16/2010 1:00	3.8497	30.8299	105.4980349	105.450838	1.173389	105.449974	
110	136	300	136.125000000	05/16/2010 3:00	05/16/2010 2:00	3.8404	30.8392	105.4952184	105.448021	1.170554	105.447139	
110	136	400	136.166666667	05/16/2010 4:00	05/16/2010 3:00	3.8276	30.8519	105.4913419	105.444145	1.166652	105.443238	
110	136	500	136.208333333	05/16/2010 5:00	05/16/2010 4:00	3.8166	30.8628	105.4880106	105.440813	1.163300	105.439885	
110	136	600	136.250000000	05/16/2010 6:00	05/16/2010 5:00	3.8118	30.8676	105.4865569	105.439360	1.161837	105.438422	
110	136	700	136.291666667	05/16/2010 7:00	05/16/2010 6:00	3.8023	30.8770	105.4836798	105.436483	1.158941	105.435526	
110	136	800	136.333333333	05/16/2010 8:00	05/16/2010 7:00	3.8005	30.8788	105.4831347	105.435938	1.158392	105.434977	
110	136	900	136.375000000	05/16/2010 9:00	05/16/2010 8:00	3.8029	30.8764	105.4838615	105.436664	1.159124	105.435709	
110	136	1000	136.416666667	05/16/2010 10:00	05/16/2010 9:00	3.803	30.8763	105.4838918	105.436695	1.159154	105.435739	
110	136	1100	136.458333333	05/16/2010 11:00	05/16/2010 10:00	3.8032	30.8761	105.4839524	105.436755	1.159215	105.435800	
110	136	1200	136.500000000	05/16/2010 12:00	05/16/2010 11:00	3.7993	30.8800	105.4827713	105.435574	1.158027	105.434612	
110	136	1300	136.541666667	05/16/2010 13:00	05/16/2010 12:00	3.799	30.8803	105.4826804	105.435483	1.157935	105.434520	
110	136	1400	136.583333333	05/16/2010 14:00	05/16/2010 13:00	3.7881	30.8911	105.4793794	105.432182	1.154613	105.431198	
110	136	1500	136.625000000	05/16/2010 15:00	05/16/2010 14:00	3.7774	30.9018	105.4761389	105.428942	1.151352	105.427937	
110	136	1600	136.666666667	05/16/2010 16:00	05/16/2010 15:00	3.772	30.9071	105.4745035	105.427306	1.149706	105.426291	
110	136	1700	136.708333333	05/16/2010 17:00	05/16/2010 16:00	3.7657	30.9134	105.4725955	105.425398	1.147785	105.424370	
110	136	1800	136.750000000	05/16/2010 18:00	05/16/2010 17:00	3.756	30.9230	105.4696579	105.422461	1.144829	105.421414	
110	136	1900	136.791666667	05/16/2010 19:00	05/16/2010 18:00	3.7517	30.9273	105.4683556	105.421159	1.143518	105.420103	
110	136	2000	136.833333333	05/16/2010 20:00	05/16/2010 19:00	3.7447	30.9343	105.4662357	105.419039	1.141385	105.417970	
110	136	2100	136.875000000	05/16/2010 21:00	05/16/2010 20:00	3.7382	30.9407	105.4642672	105.417070	1.139403	105.415988	
110	136	2200	136.916666667	05/16/2010 22:00	05/16/2010 21:00	3.7334	30.9455	105.4628135	105.415616	1.137940	105.414525	
110	136	2300	136.958333333	05/16/2010 23:00	05/16/2010 22:00	3.7287	30.9502	105.4613901	105.414193	1.136508	105.413093	
110	137	0	137.000000000	05/17/2010 0:00	05/16/2010 23:00	3.7276	30.9513	105.461057	105.413860	1.136172	105.412758	
110	137	100	137.041666667	05/17/2010 1:00	05/17/2010 0:00	3.7253	30.9535	105.4603604	105.413163	1.135471	105.412056	
110	137	200	137.083333333	05/17/2010 2:00	05/17/2010 1:00	3.7229	30.9559	105.4596336	105.412436	1.134740	105.411325	
110	137	300	137.125000000	05/17/2010 3:00	05/17/2010 2:00	3.7258	30.9530	105.4605118	105.413315	1.135624	105.412209	
110	137	400	137.166666667	05/17/2010 4:00	05/17/2010 3:00	3.7281	30.9508	105.4612084	105.414011	1.136325	105.412910	
110	137	500	137.208333333	05/17/2010 5:00	05/17/2010 4:00	3.7299	30.9490	105.4617535	105.414556	1.136874	105.413459	
110	137	600	137.250000000	05/17/2010 6:00	05/17/2010 5:00	3.7381	30.9408	105.4642369	105.417040	1.139373	105.415958	
110	137	700	137.291666667	05/17/2010 7:00	05/17/2010 6:00	3.7475	30.9315	105.4670837	105.419887	1.142238	105.418823	
110	137	800	137.333333333	05/17/2010 8:00	05/17/2010 7:00	3.7626	30.9165	105.4716567	105.424460	1.146840	105.423426	
110	137	900	137.375000000	05/17/2010 9:00	05/17/2010 8:00	3.7746	30.9046	105.4752909	105.428094	1.150498	105.427083	
110	137	1000	137.416666667	05/17/2010 10:00	05/17/2010 9:00	3.791	30.8883	105.4802576	105.433061	1.155497	105.432082	
110	137	1100	137.458333333	05/17/2010 11:00	05/17/2010 10:00	3.7994	30.8799	105.4828016	105.435604	1.158057	105.434642	
110	137	1200	137.500000000	05/17/2010 12:00	05/17/2010 11:00	3.8101	30.8693	105.486042	105.438845	1.161318	105.437904	
110	137	1300	137.541666667	05/17/2010 13:00	05/17/2010 12:00	3.8299	30.8496	105.4920385	105.444841	1.167354	105.443939	
110	137	1400	137.583333333	05/17/2010 14:00	05/17/2010 13:00	3.843	30.8366	105.4960058	105.448809	1.171346	105.447931	
110	137	1500	137.625000000	05/17/2010 15:00	05/17/2010 14:00	3.8597	30.8200	105.5010634	105.453866	1.176437	105.453022	
110	137	1600	137.666666667	05/17/2010 16:00	05/17/2010 15:00	3.8805	30.7993	105.5073626	105.460166	1.182776	105.459361	
110	137	1700	137.708333333	05/17/2010 17:00	05/17/2010 16:00	3.9006	30.7794	105.5134499	105.466253	1.188903	105.465488	
110	137	1800	137.750000000	05/17/2010 18:00	05/17/2010 17:00	3.9257	30.7544	105.5210514	105.473854	1.196553	105.473138	
110	137	1900	137.791666667	05/17/2010 19:00	05/17/2010 18:00	3.9502	30.7301	105.5284712	105.481274	1.204021	105.480606	
110	137	2000	137.833333333	05/17/2010 20:00	05/17/2010 19:00	3.9748	30.7056	105.5359213	105.488724	1.211519	105.488104	
110	137	2100	137.875000000	05/17/2010 21:00	05/17/2010 20:00	3.9922	30.6884	105.5411909	105.493994	1.216823	105.493408	
110	137	2200	137.916666667	05/17/2010 22:00	05/17/2010 21:00	4.0077	30.6729	105.5458851	105.498688	1.221547	105.498132	
110	137	2300	137.958333333	05/17/2010 23:00	05/17/2010 22:00	4.0231	30.6576	105.5505489	105.503352	1.226241	105.502826	
110	138	0	138.000000000	05/18/2010 0:00	05/17/2010 23:00	4.0416	30.6393	105.5561517	105.508955	1.231880	105.508465	
110	138	100	138.041666667	05/18/2010 1:00	05/18/2010 0:00	4.0591	30.6219	105.5614515	105.514254	1.237214	105.513799	
110	138	200	138.083333333	05/18/2010 2:00	05/18/2010 1:00	4.0812	30.5999	105.5681445	105.520947	1.243950	105.520535	
110	138	300	138.125000000	05/18/2010 3:00	05/18/2010 2:00	4.0996	30.5816	105.5737169	105.526520	1.249558	105.526143	
110	138	400	138.166666667	05/18/2010 4:00	05/18/2010 3:00	4.1173	30.5641	105.5790773	105.531880	1.254953	105.531538	
110	138	500	138.208333333	05/18/2010 5:00	05/18/2010 4:00	4.1329	30.5486	105.5838018	105.536605	1.259708	105.536293	
110	138	600	138.250000000	05/18/2010 6:00	05/18/2010 5:00	4.1543	30.5273	105.5902828	105.543086	1.266231	105.542816	
110	138	700	138.291666667	05/18/2010 7:00	05/18/2010 6:00	4.1817	30.5001	105.5985808	105.551384	1.274582	105.551167	
110	138	800	138.333333333	05/18/2010 8:00	05/18/2010 7:00	4.2056	30.4763	105.6058189	105.558622	1.281867	105.558452	
110	138	900	138.375000000	05/18/2010 9:00	05/18/2010 8:00	4.227	30.4551	105.6122999	105.565103	1.288390	105.564975	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	138	1000	138.416666667	05/18/2010 10:00	05/18/2010 9:00	4.2444	30.4378	105.6175695	105.570372	1.293693	105.570278	
110	138	1100	138.458333333	05/18/2010 11:00	05/18/2010 10:00	4.263	30.4193	105.6232025	105.576005	1.299362	105.575947	
110	138	1200	138.500000000	05/18/2010 12:00	05/18/2010 11:00	4.2637	30.4186	105.6234145	105.576217	1.299576	105.576161	
110	138	1300	138.541666667	05/18/2010 13:00	05/18/2010 12:00	4.2807	30.4017	105.6285629	105.581366	1.304757	105.581342	
110	138	1400	138.583333333	05/18/2010 14:00	05/18/2010 13:00	4.3016	30.3809	105.6348925	105.587695	1.311128	105.587713	
110	138	1500	138.625000000	05/18/2010 15:00	05/18/2010 14:00	4.3563	30.3266	105.6514583	105.604261	1.327800	105.604385	
110	138	1600	138.666666667	05/18/2010 16:00	05/18/2010 15:00	4.3573	30.3256	105.6517612	105.604564	1.328105	105.604690	
110	138	1700	138.708333333	05/18/2010 17:00	05/18/2010 16:00	4.3968	30.2863	105.6637237	105.616527	1.340145	105.616730	
110	138	1800	138.750000000	05/18/2010 18:00	05/18/2010 17:00	4.4266	30.2567	105.6727486	105.625552	1.349228	105.625813	
110	138	1900	138.791666667	05/18/2010 19:00	05/18/2010 18:00	4.4318	30.2516	105.6743234	105.627126	1.350813	105.627398	
110	138	2000	138.833333333	05/18/2010 20:00	05/18/2010 19:00	4.4279	30.2554	105.6731423	105.625945	1.349624	105.626209	
110	138	2100	138.875000000	05/18/2010 21:00	05/18/2010 20:00	4.4246	30.2587	105.6721429	105.624946	1.348618	105.625203	
110	138	2200	138.916666667	05/18/2010 22:00	05/18/2010 21:00	4.413	30.2702	105.6686299	105.621433	1.345082	105.621667	
110	138	2300	138.958333333	05/18/2010 23:00	05/18/2010 22:00	4.3927	30.2904	105.662482	105.615285	1.338895	105.615480	
110	139	0	139.000000000	05/19/2010 0:00	05/18/2010 23:00	4.3644	30.3185	105.6539114	105.606714	1.330269	105.606854	
110	139	100	139.041666667	05/19/2010 1:00	05/19/2010 0:00	4.3403	30.3425	105.6466127	105.599416	1.322923	105.599508	
110	139	200	139.083333333	05/19/2010 2:00	05/19/2010 1:00	4.3183	30.3643	105.63995	105.592753	1.316218	105.592803	
110	139	300	139.125000000	05/19/2010 3:00	05/19/2010 2:00	4.2865	30.3959	105.6303194	105.583122	1.306525	105.583110	
110	139	400	139.166666667	05/19/2010 4:00	05/19/2010 3:00	4.2393	30.4428	105.616025	105.568828	1.292139	105.568724	
110	139	500	139.208333333	05/19/2010 5:00	05/19/2010 4:00	4.2153	30.4667	105.6087566	105.561559	1.284823	105.561408	
110	139	600	139.250000000	05/19/2010 6:00	05/19/2010 5:00	4.1955	30.4864	105.6027602	105.555563	1.278788	105.555373	
110	139	700	139.291666667	05/19/2010 7:00	05/19/2010 6:00	4.1657	30.5160	105.5937352	105.546538	1.269705	105.546290	
110	139	800	139.333333333	05/19/2010 8:00	05/19/2010 7:00	4.139	30.5425	105.5856492	105.538452	1.261567	105.538152	
110	139	900	139.375000000	05/19/2010 9:00	05/19/2010 8:00	4.1117	30.5696	105.5773814	105.530184	1.253246	105.529831	
110	139	1000	139.416666667	05/19/2010 10:00	05/19/2010 9:00	4.0872	30.5940	105.5699616	105.522764	1.245779	105.522364	
110	139	1100	139.458333333	05/19/2010 11:00	05/19/2010 10:00	4.0388	30.6420	105.5553037	105.508107	1.231026	105.507611	
110	139	1200	139.500000000	05/19/2010 12:00	05/19/2010 11:00	4.0392	30.6417	105.5554248	105.508228	1.231148	105.507733	
110	139	1300	139.541666667	05/19/2010 13:00	05/19/2010 12:00	4.0149	30.6658	105.5480656	105.500868	1.223742	105.500327	
110	139	1400	139.583333333	05/19/2010 14:00	05/19/2010 13:00	3.9921	30.6884	105.5411606	105.493964	1.216792	105.493377	
110	139	1500	139.625000000	05/19/2010 15:00	05/19/2010 14:00	4.0225	30.6582	105.5503672	105.503170	1.226058	105.502643	
110	139	1600	139.666666667	05/19/2010 16:00	05/19/2010 15:00	4.0451	30.6358	105.5572116	105.510015	1.232946	105.509532	
110	139	1700	139.708333333	05/19/2010 17:00	05/19/2010 16:00	4.0858	30.5953	105.5695376	105.522340	1.245352	105.521937	
110	139	1800	139.750000000	05/19/2010 18:00	05/19/2010 17:00	4.091	30.5902	105.5711124	105.523915	1.246937	105.523522	
110	139	1900	139.791666667	05/19/2010 19:00	05/19/2010 18:00	4.1238	30.5576	105.5810459	105.533849	1.256934	105.533519	
110	139	2000	139.833333333	05/19/2010 20:00	05/19/2010 19:00	4.1517	30.5299	105.5894954	105.542298	1.265438	105.542023	
110	139	2100	139.875000000	05/19/2010 21:00	05/19/2010 20:00	4.1643	30.5174	105.5933113	105.546114	1.269279	105.545864	
110	139	2200	139.916666667	05/19/2010 22:00	05/19/2010 21:00	4.1779	30.5038	105.59743	105.550233	1.273424	105.550009	
110	139	2300	139.958333333	05/19/2010 23:00	05/19/2010 22:00	4.1881	30.4937	105.6005191	105.553322	1.276533	105.553118	
110	140	0	140.000000000	05/20/2010 0:00	05/19/2010 23:00	4.183	30.4988	105.5989745	105.551777	1.274978	105.551563	
110	140	100	140.041666667	05/20/2010 1:00	05/20/2010 0:00	4.1768	30.5049	105.5970969	105.549900	1.273089	105.549674	
110	140	200	140.083333333	05/20/2010 2:00	05/20/2010 1:00	4.1835	30.4983	105.599126	105.551929	1.275131	105.551716	
110	140	300	140.125000000	05/20/2010 3:00	05/20/2010 2:00	4.1834	30.4984	105.5990957	105.551899	1.275100	105.551685	
110	140	400	140.166666667	05/20/2010 4:00	05/20/2010 3:00	4.1849	30.4969	105.59955	105.552353	1.275558	105.552143	
110	140	500	140.208333333	05/20/2010 5:00	05/20/2010 4:00	4.1868	30.4950	105.6001254	105.552928	1.276137	105.552722	
110	140	600	140.250000000	05/20/2010 6:00	05/20/2010 5:00	4.1914	30.4904	105.6015185	105.554321	1.277539	105.554124	
110	140	700	140.291666667	05/20/2010 7:00	05/20/2010 6:00	4.1851	30.4967	105.5996105	105.552413	1.275618	105.552204	
110	140	800	140.333333333	05/20/2010 8:00	05/20/2010 7:00	4.1947	30.4871	105.6025179	105.555321	1.278545	105.555130	
110	140	900	140.375000000	05/20/2010 9:00	05/20/2010 8:00	4.1876	30.4942	105.6003676	105.553171	1.276380	105.552966	
110	140	1000	140.416666667	05/20/2010 10:00	05/20/2010 9:00	4.1891	30.4927	105.6008219	105.553625	1.276838	105.553423	
110	140	1100	140.458333333	05/20/2010 11:00	05/20/2010 10:00	4.1859	30.4959	105.5998528	105.552656	1.275862	105.552447	
110	140	1200	140.500000000	05/20/2010 12:00	05/20/2010 11:00	4.1898	30.4920	105.6010339	105.553837	1.277051	105.553636	
110	140	1300	140.541666667	05/20/2010 13:00	05/20/2010 12:00	4.1762	30.5055	105.5969152	105.549718	1.272906	105.549491	
110	140	1400	140.583333333	05/20/2010 14:00	05/20/2010 13:00	4.1778	30.5039	105.5973997	105.550203	1.273393	105.549978	
110	140	1500	140.625000000	05/20/2010 15:00	05/20/2010 14:00	4.1743	30.5074	105.5963397	105.549143	1.272327	105.548912	
110	140	1600	140.666666667	05/20/2010 16:00	05/20/2010 15:00	4.1846	30.4972	105.5994591	105.552262	1.275466	105.552051	
110	140	1700	140.708333333	05/20/2010 17:00	05/20/2010 16:00	4.1893	30.4925	105.6008825	105.553685	1.276899	105.553484	
110	140	1800	140.750000000	05/20/2010 18:00	05/20/2010 17:00	4.2004	30.4815	105.6042441	105.557047	1.280282	105.556867	
110	140	1900	140.791666667	05/20/2010 19:00	05/20/2010 18:00	4.2153	30.4667	105.6087566	105.561559	1.284823	105.561408	
110	140	2000	140.833333333	05/20/2010 20:00	05/20/2010 19:00	4.236	30.4461	105.6150256	105.567828	1.291133	105.567718	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	140	2100	140.875000000	05/20/2010 21:00	05/20/2010 20:00	4.2591	30.4232	105.6220214	105.574824	1.298174	105.574759	
110	140	2200	140.916666667	05/20/2010 22:00	05/20/2010 21:00	4.2837	30.3987	105.6294715	105.582274	1.305672	105.582257	
110	140	2300	140.958333333	05/20/2010 23:00	05/20/2010 22:00	4.3089	30.3737	105.6371033	105.589906	1.313353	105.589938	
110	141	0	141.000000000	05/21/2010 0:00	05/20/2010 23:00	4.334	30.3487	105.6447048	105.597508	1.321003	105.597588	
110	141	100	141.041666667	05/21/2010 1:00	05/21/2010 0:00	4.3581	30.3248	105.6520034	105.604806	1.328349	105.604934	
110	141	200	141.083333333	05/21/2010 2:00	05/21/2010 1:00	4.3823	30.3007	105.6593324	105.612135	1.335725	105.612310	
110	141	300	141.125000000	05/21/2010 3:00	05/21/2010 2:00	4.4046	30.2786	105.6660859	105.618889	1.342522	105.619107	
110	141	400	141.166666667	05/21/2010 4:00	05/21/2010 3:00	4.4201	30.2632	105.6707801	105.623583	1.347246	105.623832	
110	141	500	141.208333333	05/21/2010 5:00	05/21/2010 4:00	4.4357	30.2477	105.6755046	105.628307	1.352001	105.628586	
110	141	600	141.250000000	05/21/2010 6:00	05/21/2010 5:00	4.4483	30.2352	105.6793205	105.632123	1.355842	105.632427	
110	141	700	141.291666667	05/21/2010 7:00	05/21/2010 6:00	4.4649	30.2187	105.6843478	105.637151	1.360902	105.637487	
110	141	800	141.333333333	05/21/2010 8:00	05/21/2010 7:00	4.4801	30.2036	105.6889511	105.641754	1.365534	105.642120	
110	141	900	141.375000000	05/21/2010 9:00	05/21/2010 8:00	4.4927	30.1911	105.692767	105.645570	1.369375	105.645960	
110	141	1000	141.416666667	05/21/2010 10:00	05/21/2010 9:00	4.514	30.1699	105.6992176	105.652021	1.375867	105.652452	
110	141	1100	141.458333333	05/21/2010 11:00	05/21/2010 10:00	4.5265	30.1575	105.7030033	105.655806	1.379677	105.656262	
110	141	1200	141.500000000	05/21/2010 12:00	05/21/2010 11:00	4.5333	30.1507	105.7050626	105.657866	1.381750	105.658335	
110	141	1300	141.541666667	05/21/2010 13:00	05/21/2010 12:00	4.5509	30.1332	105.7103928	105.663196	1.387114	105.663699	
110	141	1400	141.583333333	05/21/2010 14:00	05/21/2010 13:00	4.5694	30.1148	105.7159955	105.668798	1.392753	105.669338	
110	141	1500	141.625000000	05/21/2010 15:00	05/21/2010 14:00	4.5961	30.0883	105.7240816	105.676884	1.400891	105.677476	
110	141	1600	141.666666667	05/21/2010 16:00	05/21/2010 15:00	4.6198	30.0648	105.7312591	105.684062	1.408115	105.684700	
110	141	1700	141.708333333	05/21/2010 17:00	05/21/2010 16:00	4.639	30.0457	105.7370738	105.689877	1.413967	105.690552	
110	141	1800	141.750000000	05/21/2010 18:00	05/21/2010 17:00	4.6642	30.0207	105.7447056	105.697509	1.421648	105.698233	
110	141	1900	141.791666667	05/21/2010 19:00	05/21/2010 18:00	4.6865	29.9985	105.7514592	105.704262	1.428445	105.705030	
110	141	2000	141.833333333	05/21/2010 20:00	05/21/2010 19:00	4.7057	29.9794	105.7572739	105.710077	1.434297	105.710882	
110	141	2100	141.875000000	05/21/2010 21:00	05/21/2010 20:00	4.7223	29.9629	105.7623012	105.715104	1.439357	105.715942	
110	141	2200	141.916666667	05/21/2010 22:00	05/21/2010 21:00	4.7323	29.9530	105.7653296	105.718133	1.442405	105.718990	
110	141	2300	141.958333333	05/21/2010 23:00	05/21/2010 22:00	4.7367	29.9486	105.7666622	105.719465	1.443746	105.720331	
110	142	0	142.000000000	05/22/2010 0:00	05/21/2010 23:00	4.7367	29.9486	105.7666622	105.719465	1.443746	105.720331	
110	142	100	142.041666667	05/22/2010 1:00	05/22/2010 0:00	4.7366	29.9487	105.7666319	105.719435	1.443716	105.720301	
110	142	200	142.083333333	05/22/2010 2:00	05/22/2010 1:00	4.7332	29.9521	105.7656022	105.718405	1.442679	105.719264	
110	142	300	142.125000000	05/22/2010 3:00	05/22/2010 2:00	4.7293	29.9560	105.7644211	105.717224	1.441491	105.718076	
110	142	400	142.166666667	05/22/2010 4:00	05/22/2010 3:00	4.7274	29.9579	105.7638457	105.716649	1.440912	105.717497	
110	142	500	142.208333333	05/22/2010 5:00	05/22/2010 4:00	4.7206	29.9646	105.7617863	105.714589	1.438839	105.715424	
110	142	600	142.250000000	05/22/2010 6:00	05/22/2010 5:00	4.711	29.9742	105.758879	105.711682	1.435913	105.712498	
110	142	700	142.291666667	05/22/2010 7:00	05/22/2010 6:00	4.6937	29.9913	105.7536397	105.706443	1.430640	105.707225	
110	142	800	142.333333333	05/22/2010 8:00	05/22/2010 7:00	4.671	30.0139	105.746765	105.699568	1.423721	105.700306	
110	142	900	142.375000000	05/22/2010 9:00	05/22/2010 8:00	4.6444	30.0403	105.7387092	105.691512	1.415613	105.692198	
110	142	1000	142.416666667	05/22/2010 10:00	05/22/2010 9:00	4.6198	30.0648	105.7312591	105.684062	1.408115	105.684700	
110	142	1100	142.458333333	05/22/2010 11:00	05/22/2010 10:00	4.5984	30.0860	105.7247781	105.677581	1.401592	105.678177	
110	142	1200	142.500000000	05/22/2010 12:00	05/22/2010 11:00	4.58	30.1043	105.7192057	105.672009	1.395984	105.672569	
110	142	1300	142.541666667	05/22/2010 13:00	05/22/2010 12:00	4.5544	30.1297	105.7114528	105.664256	1.388181	105.664766	
110	142	1400	142.583333333	05/22/2010 14:00	05/22/2010 13:00	4.5399	30.1442	105.7070614	105.659864	1.383762	105.660347	
110	142	1500	142.625000000	05/22/2010 15:00	05/22/2010 14:00	4.5225	30.1614	105.7017919	105.654595	1.378458	105.655043	
110	142	1600	142.666666667	05/22/2010 16:00	05/22/2010 15:00	4.5012	30.1826	105.6953412	105.648144	1.371966	105.648551	
110	142	1700	142.708333333	05/22/2010 17:00	05/22/2010 16:00	4.5022	30.1816	105.695644	105.648447	1.372271	105.648856	
110	142	1800	142.750000000	05/22/2010 18:00	05/22/2010 17:00	4.4866	30.1971	105.6909196	105.643722	1.367516	105.644101	
110	142	1900	142.791666667	05/22/2010 19:00	05/22/2010 18:00	4.4875	30.1962	105.6911921	105.643995	1.367790	105.644375	
110	142	2000	142.833333333	05/22/2010 20:00	05/22/2010 19:00	4.4914	30.1923	105.6923733	105.645176	1.368979	105.645564	
110	142	2100	142.875000000	05/22/2010 21:00	05/22/2010 20:00	4.4898	30.1939	105.6918887	105.644692	1.368491	105.645076	
110	142	2200	142.916666667	05/22/2010 22:00	05/22/2010 21:00	4.4872	30.1965	105.6911013	105.643904	1.367699	105.644284	
110	142	2300	142.958333333	05/22/2010 23:00	05/22/2010 22:00	4.4781	30.2056	105.6883454	105.641148	1.364925	105.641510	
110	143	0	143.000000000	05/23/2010 0:00	05/22/2010 23:00	4.4663	30.2173	105.6847717	105.637575	1.361328	105.637913	
110	143	100	143.041666667	05/23/2010 1:00	05/23/2010 0:00	4.4503	30.2332	105.6799262	105.632729	1.356451	105.633036	
110	143	200	143.083333333	05/23/2010 2:00	05/23/2010 1:00	4.4328	30.2506	105.6746263	105.627429	1.351117	105.627702	
110	143	300	143.125000000	05/23/2010 3:00	05/23/2010 2:00	4.4114	30.2718	105.6681453	105.620948	1.344595	105.621180	
110	143	400	143.166666667	05/23/2010 4:00	05/23/2010 3:00	4.3925	30.2906	105.6624215	105.615224	1.338834	105.615419	
110	143	500	143.208333333	05/23/2010 5:00	05/23/2010 4:00	4.3697	30.3133	105.6555165	105.608319	1.331885	105.608470	
110	143	600	143.250000000	05/23/2010 6:00	05/23/2010 5:00	4.3527	30.3302	105.6503681	105.603171	1.326703	105.603288	
110	143	700	143.291666667	05/23/2010 7:00	05/23/2010 6:00	4.3368	30.3460	105.6455528	105.598356	1.321857	105.598442	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	143	800	143.333333333	05/23/2010 8:00	05/23/2010 7:00	4.3088	30.3738	105.637073	105.589876	1.313322	105.589907	
110	143	900	143.375000000	05/23/2010 9:00	05/23/2010 8:00	4.2948	30.3877	105.6328331	105.585636	1.309055	105.585640	
110	143	1000	143.416666667	05/23/2010 10:00	05/23/2010 9:00	4.2777	30.4047	105.6276544	105.580457	1.303843	105.580428	
110	143	1100	143.458333333	05/23/2010 11:00	05/23/2010 10:00	4.265	30.4173	105.6238082	105.576611	1.299972	105.576557	
110	143	1200	143.500000000	05/23/2010 12:00	05/23/2010 11:00	4.2534	30.4288	105.6202951	105.573098	1.296436	105.573021	
110	143	1300	143.541666667	05/23/2010 13:00	05/23/2010 12:00	4.2379	30.4442	105.615601	105.568404	1.291712	105.568297	
110	143	1400	143.583333333	05/23/2010 14:00	05/23/2010 13:00	4.2316	30.4505	105.613693	105.566496	1.289792	105.566377	
110	143	1500	143.625000000	05/23/2010 15:00	05/23/2010 14:00	4.2258	30.4562	105.6119365	105.564739	1.288024	105.564609	
110	143	1600	143.666666667	05/23/2010 16:00	05/23/2010 15:00	4.2097	30.4722	105.6070606	105.559864	1.283117	105.559702	
110	143	1700	143.708333333	05/23/2010 17:00	05/23/2010 16:00	4.205	30.4769	105.6056372	105.558440	1.281684	105.558269	
110	143	1800	143.750000000	05/23/2010 18:00	05/23/2010 17:00	4.19	30.4918	105.6010945	105.553897	1.277112	105.553697	
110	143	1900	143.791666667	05/23/2010 19:00	05/23/2010 18:00	4.1721	30.5096	105.5956735	105.548476	1.271656	105.548241	
110	143	2000	143.833333333	05/23/2010 20:00	05/23/2010 19:00	4.1569	30.5247	105.5910702	105.543873	1.267023	105.543608	
110	143	2100	143.875000000	05/23/2010 21:00	05/23/2010 20:00	4.1466	30.5349	105.5879508	105.540754	1.263884	105.540469	
110	143	2200	143.916666667	05/23/2010 22:00	05/23/2010 21:00	4.1272	30.5542	105.5820755	105.534878	1.257971	105.534556	
110	143	2300	143.958333333	05/23/2010 23:00	05/23/2010 22:00	4.1156	30.5657	105.5785625	105.531365	1.254435	105.531020	
110	144	0	144.000000000	05/24/2010 0:00	05/23/2010 23:00	4.1096	30.5717	105.5767454	105.529548	1.252606	105.529191	
110	144	100	144.041666667	05/24/2010 1:00	05/24/2010 0:00	4.1105	30.5708	105.577018	105.529821	1.252880	105.529465	
110	144	200	144.083333333	05/24/2010 2:00	05/24/2010 1:00	4.1134	30.5679	105.5778962	105.530699	1.253764	105.530349	
110	144	300	144.125000000	05/24/2010 3:00	05/24/2010 2:00	4.1157	30.5656	105.5785928	105.531396	1.254465	105.531050	
110	144	400	144.166666667	05/24/2010 4:00	05/24/2010 3:00	4.118	30.5634	105.5792893	105.532092	1.255166	105.531751	
110	144	500	144.208333333	05/24/2010 5:00	05/24/2010 4:00	4.1224	30.5590	105.5806219	105.533425	1.256508	105.533093	
110	144	600	144.250000000	05/24/2010 6:00	05/24/2010 5:00	4.121	30.5604	105.5801979	105.533001	1.256081	105.532666	
110	144	700	144.291666667	05/24/2010 7:00	05/24/2010 6:00	4.124	30.5574	105.5811064	105.533909	1.256995	105.533580	
110	144	800	144.333333333	05/24/2010 8:00	05/24/2010 7:00	4.1262	30.5552	105.5817727	105.534576	1.257666	105.534251	
110	144	900	144.375000000	05/24/2010 9:00	05/24/2010 8:00	4.1245	30.5569	105.5812579	105.534061	1.257148	105.533733	
110	144	1000	144.416666667	05/24/2010 10:00	05/24/2010 9:00	4.1284	30.5530	105.582439	105.535242	1.258336	105.534921	
110	144	1100	144.458333333	05/24/2010 11:00	05/24/2010 10:00	4.1352	30.5463	105.5844983	105.537301	1.260409	105.536994	
110	144	1200	144.500000000	05/24/2010 12:00	05/24/2010 11:00	4.14	30.5415	105.585952	105.538755	1.261872	105.538457	
110	144	1300	144.541666667	05/24/2010 13:00	05/24/2010 12:00	4.1544	30.5272	105.590313	105.543116	1.266261	105.542846	
110	144	1400	144.583333333	05/24/2010 14:00	05/24/2010 13:00	4.1651	30.5166	105.5935535	105.546356	1.269522	105.546108	
110	144	1500	144.625000000	05/24/2010 15:00	05/24/2010 14:00	4.1857	30.4961	105.5997922	105.552595	1.275801	105.552386	
110	144	1600	144.666666667	05/24/2010 16:00	05/24/2010 15:00	4.1933	30.4885	105.6020939	105.554897	1.278118	105.554703	
110	144	1700	144.708333333	05/24/2010 17:00	05/24/2010 16:00	4.2146	30.4674	105.6085446	105.561347	1.284610	105.561195	
110	144	1800	144.750000000	05/24/2010 18:00	05/24/2010 17:00	4.2384	30.4437	105.6157524	105.568555	1.291864	105.568449	
110	144	1900	144.791666667	05/24/2010 19:00	05/24/2010 18:00	4.2631	30.4192	105.6232328	105.576036	1.299393	105.575978	
110	144	2000	144.833333333	05/24/2010 20:00	05/24/2010 19:00	4.2911	30.3914	105.6317125	105.584515	1.307927	105.584512	
110	144	2100	144.875000000	05/24/2010 21:00	05/24/2010 20:00	4.315	30.3676	105.6389506	105.591754	1.315212	105.591797	
110	144	2200	144.916666667	05/24/2010 22:00	05/24/2010 21:00	4.3416	30.3412	105.6470064	105.599809	1.323320	105.599905	
110	144	2300	144.958333333	05/24/2010 23:00	05/24/2010 22:00	4.3677	30.3153	105.6549108	105.607714	1.331275	105.607860	
110	145	0	145.000000000	05/25/2010 0:00	05/24/2010 23:00	4.3881	30.2950	105.6610889	105.613892	1.337493	105.614078	
110	145	100	145.041666667	05/25/2010 1:00	05/25/2010 0:00	4.4094	30.2738	105.6675396	105.620343	1.343985	105.620570	
110	145	200	145.083333333	05/25/2010 2:00	05/25/2010 1:00	4.4321	30.2513	105.6744143	105.627217	1.350904	105.627489	
110	145	300	145.125000000	05/25/2010 3:00	05/25/2010 2:00	4.4516	30.2319	105.6803199	105.633123	1.356848	105.633433	
110	145	400	145.166666667	05/25/2010 4:00	05/25/2010 3:00	4.4661	30.2175	105.6847112	105.637514	1.361267	105.637852	
110	145	500	145.208333333	05/25/2010 5:00	05/25/2010 4:00	4.4787	30.2050	105.6885271	105.641330	1.365108	105.641693	
110	145	600	145.250000000	05/25/2010 6:00	05/25/2010 5:00	4.4874	30.1963	105.6911619	105.643965	1.367760	105.644345	
110	145	700	145.291666667	05/25/2010 7:00	05/25/2010 6:00	4.4966	30.1872	105.6939481	105.646751	1.370564	105.647149	
110	145	800	145.333333333	05/25/2010 8:00	05/25/2010 7:00	4.4992	30.1846	105.6947355	105.647538	1.371356	105.647941	
110	145	900	145.375000000	05/25/2010 9:00	05/25/2010 8:00	4.496	30.1878	105.6937664	105.646569	1.370381	105.646966	
110	145	1000	145.416666667	05/25/2010 10:00	05/25/2010 9:00	4.4925	30.1913	105.6927064	105.645509	1.369314	105.645899	
110	145	1100	145.458333333	05/25/2010 11:00	05/25/2010 10:00	4.4848	30.1989	105.6903745	105.643177	1.366967	105.643552	
110	145	1200	145.500000000	05/25/2010 12:00	05/25/2010 11:00	4.4781	30.2056	105.6883454	105.641148	1.364925	105.641510	
110	145	1300	145.541666667	05/25/2010 13:00	05/25/2010 12:00	4.4766	30.2071	105.6878911	105.640694	1.364468	105.641053	
110	145	1400	145.583333333	05/25/2010 14:00	05/25/2010 13:00	4.48	30.2037	105.6889208	105.641724	1.365504	105.642089	
110	145	1500	145.625000000	05/25/2010 15:00	05/25/2010 14:00	4.4786	30.2051	105.6884968	105.641300	1.365077	105.641662	
110	145	1600	145.666666667	05/25/2010 16:00	05/25/2010 15:00	4.4733	30.2103	105.6868917	105.639695	1.363462	105.640047	
110	145	1700	145.708333333	05/25/2010 17:00	05/25/2010 16:00	4.4635	30.2201	105.6839238	105.636727	1.360475	105.637060	
110	145	1800	145.750000000	05/25/2010 18:00	05/25/2010 17:00	4.4508	30.2327	105.6800776	105.632880	1.356604	105.633189	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	145	1900	145.791666667	05/25/2010 19:00	05/25/2010 18:00	4.4354	30.2480	105.6754137	105.628217	1.351910	105.628495	
110	145	2000	145.833333333	05/25/2010 20:00	05/25/2010 19:00	4.4218	30.2615	105.6712949	105.624098	1.347765	105.624350	
110	145	2100	145.875000000	05/25/2010 21:00	05/25/2010 20:00	4.4151	30.2682	105.6692659	105.622069	1.345722	105.622308	
110	145	2200	145.916666667	05/25/2010 22:00	05/25/2010 21:00	4.4074	30.2758	105.6669339	105.619737	1.343376	105.619961	
110	145	2300	145.958333333	05/25/2010 23:00	05/25/2010 22:00	4.4121	30.2711	105.6683573	105.621160	1.344808	105.621393	
110	146	0	146.000000000	05/26/2010 0:00	05/25/2010 23:00	4.425	30.2583	105.6722641	105.625067	1.348740	105.625325	
110	146	100	146.041666667	05/26/2010 1:00	05/26/2010 0:00	4.4392	30.2442	105.6765645	105.629367	1.353068	105.629653	
110	146	200	146.083333333	05/26/2010 2:00	05/26/2010 1:00	4.4488	30.2347	105.6794719	105.632275	1.355994	105.632579	
110	146	300	146.125000000	05/26/2010 3:00	05/26/2010 2:00	4.4567	30.2268	105.6818644	105.634667	1.358402	105.634987	
110	146	400	146.166666667	05/26/2010 4:00	05/26/2010 3:00	4.4579	30.2256	105.6822278	105.635031	1.358768	105.635353	
110	146	500	146.208333333	05/26/2010 5:00	05/26/2010 4:00	4.4569	30.2266	105.681925	105.634728	1.358463	105.635048	
110	146	600	146.250000000	05/26/2010 6:00	05/26/2010 5:00	4.4396	30.2438	105.6766857	105.629489	1.353190	105.629775	
110	146	700	146.291666667	05/26/2010 7:00	05/26/2010 6:00	4.4189	30.2644	105.6704167	105.623220	1.346881	105.623466	
110	146	800	146.333333333	05/26/2010 8:00	05/26/2010 7:00	4.394	30.2891	105.6628757	105.615679	1.339291	105.615876	
110	146	900	146.375000000	05/26/2010 9:00	05/26/2010 8:00	4.3674	30.3156	105.6548199	105.607623	1.331184	105.607769	
110	146	1000	146.416666667	05/26/2010 10:00	05/26/2010 9:00	4.3374	30.3454	105.6457345	105.598537	1.322040	105.598625	
110	146	1100	146.458333333	05/26/2010 11:00	05/26/2010 10:00	4.3102	30.3724	105.637497	105.590300	1.313749	105.590334	
110	146	1200	146.500000000	05/26/2010 12:00	05/26/2010 11:00	4.2844	30.3980	105.6296835	105.582486	1.305885	105.582470	
110	146	1300	146.541666667	05/26/2010 13:00	05/26/2010 12:00	4.2549	30.4273	105.6207494	105.573552	1.296894	105.573479	
110	146	1400	146.583333333	05/26/2010 14:00	05/26/2010 13:00	4.2423	30.4399	105.6169335	105.569736	1.293053	105.569638	
110	146	1500	146.625000000	05/26/2010 15:00	05/26/2010 14:00	4.2227	30.4593	105.6109977	105.563801	1.287079	105.563664	
110	146	1600	146.666666667	05/26/2010 16:00	05/26/2010 15:00	4.2042	30.4777	105.6053949	105.558198	1.281440	105.558025	
110	146	1700	146.708333333	05/26/2010 17:00	05/26/2010 16:00	4.1913	30.4905	105.6014882	105.554291	1.277508	105.554093	
110	146	1800	146.750000000	05/26/2010 18:00	05/26/2010 17:00	4.1681	30.5136	105.5944621	105.547265	1.270437	105.547022	
110	146	1900	146.791666667	05/26/2010 19:00	05/26/2010 18:00	4.1482	30.5333	105.5884354	105.541238	1.264371	105.540956	
110	146	2000	146.833333333	05/26/2010 20:00	05/26/2010 19:00	4.1233	30.5581	105.5808944	105.533697	1.256782	105.533367	
110	146	2100	146.875000000	05/26/2010 21:00	05/26/2010 20:00	4.1003	30.5809	105.5739289	105.526732	1.249771	105.526356	
110	146	2200	146.916666667	05/26/2010 22:00	05/26/2010 21:00	4.0761	30.6050	105.5666	105.519403	1.242395	105.518980	
110	146	2300	146.958333333	05/26/2010 23:00	05/26/2010 22:00	4.0592	30.6218	105.5614818	105.514285	1.237244	105.513829	
110	147	0	147.000000000	05/27/2010 0:00	05/26/2010 23:00	4.046	30.6349	105.5574842	105.510287	1.233221	105.509806	
110	147	100	147.041666667	05/27/2010 1:00	05/27/2010 0:00	4.0438	30.6371	105.5568179	105.509621	1.232550	105.509135	
110	147	200	147.083333333	05/27/2010 2:00	05/27/2010 1:00	4.0554	30.6256	105.560331	105.513134	1.236086	105.512671	
110	147	300	147.125000000	05/27/2010 3:00	05/27/2010 2:00	4.0768	30.6043	105.5668119	105.519615	1.242609	105.519194	
110	147	400	147.166666667	05/27/2010 4:00	05/27/2010 3:00	4.1039	30.5774	105.5750192	105.527822	1.250869	105.527454	
110	147	500	147.208333333	05/27/2010 5:00	05/27/2010 4:00	4.1266	30.5548	105.5818938	105.534697	1.257788	105.534373	
110	147	600	147.250000000	05/27/2010 6:00	05/27/2010 5:00	4.1538	30.5278	105.5901313	105.542934	1.266078	105.542663	
110	147	700	147.291666667	05/27/2010 7:00	05/27/2010 6:00	4.1795	30.5022	105.5979146	105.550717	1.273912	105.550497	
110	147	800	147.333333333	05/27/2010 8:00	05/27/2010 7:00	4.1976	30.4843	105.6033961	105.556199	1.279428	105.556014	
110	147	900	147.375000000	05/27/2010 9:00	05/27/2010 8:00	4.2243	30.4577	105.6114822	105.564285	1.287567	105.564152	
110	147	1000	147.416666667	05/27/2010 10:00	05/27/2010 9:00	4.2477	30.4345	105.6185689	105.571372	1.294699	105.571284	
110	147	1100	147.458333333	05/27/2010 11:00	05/27/2010 10:00	4.2671	30.4152	105.6244442	105.577247	1.300612	105.577197	
110	147	1200	147.500000000	05/27/2010 12:00	05/27/2010 11:00	4.305	30.3776	105.6359222	105.588725	1.312164	105.588749	
110	147	1300	147.541666667	05/27/2010 13:00	05/27/2010 12:00	4.3176	30.3650	105.6397381	105.592541	1.316004	105.592590	
110	147	1400	147.583333333	05/27/2010 14:00	05/27/2010 13:00	4.3204	30.3623	105.640586	105.593389	1.316858	105.593443	
110	147	1500	147.625000000	05/27/2010 15:00	05/27/2010 14:00	4.3211	30.3616	105.640798	105.593601	1.317071	105.593656	
110	147	1600	147.666666667	05/27/2010 16:00	05/27/2010 15:00	4.317	30.3656	105.6395563	105.592359	1.315822	105.592407	
110	147	1700	147.708333333	05/27/2010 17:00	05/27/2010 16:00	4.3043	30.3782	105.6357102	105.588513	1.311951	105.588536	
110	147	1800	147.750000000	05/27/2010 18:00	05/27/2010 17:00	4.2756	30.4068	105.6270184	105.579821	1.303203	105.579788	
110	147	1900	147.791666667	05/27/2010 19:00	05/27/2010 18:00	4.2495	30.4327	105.619114	105.571917	1.295248	105.571833	
110	147	2000	147.833333333	05/27/2010 20:00	05/27/2010 19:00	4.2147	30.4673	105.6085749	105.561378	1.284641	105.561226	
110	147	2100	147.875000000	05/27/2010 21:00	05/27/2010 20:00	4.1808	30.5010	105.5983083	105.551111	1.274308	105.550893	
110	147	2200	147.916666667	05/27/2010 22:00	05/27/2010 21:00	4.1442	30.5373	105.587224	105.540027	1.263152	105.539737	
110	147	2300	147.958333333	05/27/2010 23:00	05/27/2010 22:00	4.1053	30.5760	105.5754431	105.528246	1.251295	105.527880	
110	148	0	148.000000000	05/28/2010 0:00	05/27/2010 23:00	4.0636	30.6174	105.5628143	105.515617	1.238585	105.515170	
110	148	100	148.041666667	05/28/2010 1:00	05/28/2010 0:00	4.0277	30.6531	105.551942	105.504745	1.227643	105.504228	
110	148	200	148.083333333	05/28/2010 2:00	05/28/2010 1:00	3.9969	30.6837	105.5426143	105.495417	1.218255	105.494840	
110	148	300	148.125000000	05/28/2010 3:00	05/28/2010 2:00	3.975	30.7054	105.5359819	105.488785	1.211580	105.488165	
110	148	400	148.166666667	05/28/2010 4:00	05/28/2010 3:00	3.9566	30.7237	105.5304095	105.483212	1.205972	105.482557	
110	148	500	148.208333333	05/28/2010 5:00	05/28/2010 4:00	3.9417	30.7385	105.525897	105.478700	1.201430	105.478015	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	148	600	148.250000000	05/28/2010 6:00	05/28/2010 5:00	3.9282	30.7519	105.5218085	105.474611	1.197315	105.473900	
110	148	700	148.291666667	05/28/2010 7:00	05/28/2010 6:00	3.9116	30.7684	105.5167812	105.469584	1.192256	105.468841	
110	148	800	148.333333333	05/28/2010 8:00	05/28/2010 7:00	3.8992	30.7808	105.5130259	105.465829	1.188476	105.465061	
110	148	900	148.375000000	05/28/2010 9:00	05/28/2010 8:00	3.8914	30.7885	105.5106637	105.463467	1.186099	105.462684	
110	148	1000	148.416666667	05/28/2010 10:00	05/28/2010 9:00	3.89	30.7899	105.5102397	105.463043	1.185672	105.462257	
110	148	1100	148.458333333	05/28/2010 11:00	05/28/2010 10:00	3.9038	30.7762	105.514419	105.467222	1.189878	105.466463	
110	148	1200	148.500000000	05/28/2010 12:00	05/28/2010 11:00	3.9076	30.7724	105.5155698	105.468373	1.191036	105.467622	
110	148	1300	148.541666667	05/28/2010 13:00	05/28/2010 12:00	3.9146	30.7655	105.5176898	105.470493	1.193170	105.469755	
110	148	1400	148.583333333	05/28/2010 14:00	05/28/2010 13:00	3.9177	30.7624	105.5186286	105.471432	1.194115	105.470700	
110	148	1500	148.625000000	05/28/2010 15:00	05/28/2010 14:00	3.9016	30.7784	105.5137528	105.466556	1.189208	105.465793	
110	148	1600	148.666666667	05/28/2010 16:00	05/28/2010 15:00	3.8768	30.8030	105.5062421	105.459045	1.181649	105.458234	
110	148	1700	148.708333333	05/28/2010 17:00	05/28/2010 16:00	3.8533	30.8264	105.4991251	105.451928	1.174486	105.451071	
110	148	1800	148.750000000	05/28/2010 18:00	05/28/2010 17:00	3.8205	30.8590	105.4891917	105.441995	1.164488	105.441073	
110	148	1900	148.791666667	05/28/2010 19:00	05/28/2010 18:00	3.7798	30.8994	105.4768657	105.429669	1.152083	105.428668	
110	148	2000	148.833333333	05/28/2010 20:00	05/28/2010 19:00	3.7412	30.9377	105.4651757	105.417979	1.140318	105.416903	
110	148	2100	148.875000000	05/28/2010 21:00	05/28/2010 20:00	3.7004	30.9783	105.4528195	105.405622	1.127882	105.404467	
110	148	2200	148.916666667	05/28/2010 22:00	05/28/2010 21:00	3.6715	31.0070	105.4440671	105.396870	1.119073	105.395658	
110	148	2300	148.958333333	05/28/2010 23:00	05/28/2010 22:00	3.6418	31.0365	105.4350725	105.387875	1.110021	105.386606	
110	149	0	149.000000000	05/29/2010 0:00	05/28/2010 23:00	3.6222	31.0560	105.4291367	105.381940	1.104047	105.380632	
110	149	100	149.041666667	05/29/2010 1:00	05/29/2010 0:00	3.6131	31.0650	105.4263807	105.379184	1.101273	105.377858	
110	149	200	149.083333333	05/29/2010 2:00	05/29/2010 1:00	3.6067	31.0714	105.4244425	105.377245	1.099322	105.375907	
110	149	300	149.125000000	05/29/2010 3:00	05/29/2010 2:00	3.599	31.0790	105.4221106	105.374913	1.096975	105.373560	
110	149	400	149.166666667	05/29/2010 4:00	05/29/2010 3:00	3.5947	31.0833	105.4208083	105.373611	1.095665	105.372250	
110	149	500	149.208333333	05/29/2010 5:00	05/29/2010 4:00	3.5951	31.0829	105.4209294	105.373732	1.095786	105.372372	
110	149	600	149.250000000	05/29/2010 6:00	05/29/2010 5:00	3.6024	31.0757	105.4231402	105.375943	1.098012	105.374597	
110	149	700	149.291666667	05/29/2010 7:00	05/29/2010 6:00	3.6143	31.0638	105.4267442	105.379547	1.101639	105.378224	
110	149	800	149.333333333	05/29/2010 8:00	05/29/2010 7:00	3.6348	31.0435	105.4329526	105.385755	1.107887	105.384472	
110	149	900	149.375000000	05/29/2010 9:00	05/29/2010 8:00	3.6659	31.0126	105.4423712	105.395174	1.117366	105.393951	
110	149	1000	149.416666667	05/29/2010 10:00	05/29/2010 9:00	3.6947	30.9839	105.4510932	105.403896	1.126145	105.402730	
110	149	1100	149.458333333	05/29/2010 11:00	05/29/2010 10:00	3.7307	30.9482	105.4619958	105.414799	1.137117	105.413702	
110	149	1200	149.500000000	05/29/2010 12:00	05/29/2010 11:00	3.7496	30.9294	105.4677197	105.420523	1.142878	105.419463	
110	149	1300	149.541666667	05/29/2010 13:00	05/29/2010 12:00	3.7757	30.9035	105.475624	105.428427	1.150833	105.427418	
110	149	1400	149.583333333	05/29/2010 14:00	05/29/2010 13:00	3.7931	30.8862	105.4808936	105.433696	1.156137	105.432722	
110	149	1500	149.625000000	05/29/2010 15:00	05/29/2010 14:00	3.8037	30.8756	105.4841038	105.436907	1.159368	105.435953	
110	149	1600	149.666666667	05/29/2010 16:00	05/29/2010 15:00	3.8154	30.8640	105.4876471	105.440450	1.162934	105.439519	
110	149	1700	149.708333333	05/29/2010 17:00	05/29/2010 16:00	3.827	30.8525	105.4911602	105.443963	1.166470	105.443055	
110	149	1800	149.750000000	05/29/2010 18:00	05/29/2010 17:00	3.8289	30.8506	105.4917356	105.444539	1.167049	105.443634	
110	149	1900	149.791666667	05/29/2010 19:00	05/29/2010 18:00	3.8381	30.8415	105.4945218	105.447325	1.169853	105.446438	
110	149	2000	149.833333333	05/29/2010 20:00	05/29/2010 19:00	3.826	30.8535	105.4908573	105.443660	1.166165	105.442750	
110	149	2100	149.875000000	05/29/2010 21:00	05/29/2010 20:00	3.8209	30.8586	105.4893128	105.442116	1.164610	105.441195	
110	149	2200	149.916666667	05/29/2010 22:00	05/29/2010 21:00	3.8157	30.8637	105.487738	105.440541	1.163025	105.439610	
110	149	2300	149.958333333	05/29/2010 23:00	05/29/2010 22:00	3.8099	30.8695	105.4859815	105.438784	1.161258	105.437843	
110	150	0	150.000000000	05/30/2010 0:00	05/29/2010 23:00	3.8082	30.8712	105.4854666	105.438270	1.160739	105.437324	
110	150	100	150.041666667	05/30/2010 1:00	05/30/2010 0:00	3.8101	30.8693	105.486042	105.438845	1.161318	105.437904	
110	150	200	150.083333333	05/30/2010 2:00	05/30/2010 1:00	3.8159	30.8635	105.4877986	105.440601	1.163086	105.439671	
110	150	300	150.125000000	05/30/2010 3:00	05/30/2010 2:00	3.8256	30.8539	105.4907362	105.443539	1.166043	105.442628	
110	150	400	150.166666667	05/30/2010 4:00	05/30/2010 3:00	3.8463	30.8333	105.4970052	105.449808	1.172352	105.448937	
110	150	500	150.208333333	05/30/2010 5:00	05/30/2010 4:00	3.868	30.8118	105.503577	105.456380	1.178966	105.455551	
110	150	600	150.250000000	05/30/2010 6:00	05/30/2010 5:00	3.8895	30.7904	105.5100883	105.462891	1.185520	105.462105	
110	150	700	150.291666667	05/30/2010 7:00	05/30/2010 6:00	3.9081	30.7719	105.5157213	105.468524	1.191189	105.467774	
110	150	800	150.333333333	05/30/2010 8:00	05/30/2010 7:00	3.9218	30.7583	105.5198703	105.472673	1.195365	105.471950	
110	150	900	150.375000000	05/30/2010 9:00	05/30/2010 8:00	3.9252	30.7549	105.5209	105.473703	1.196401	105.472986	
110	150	1000	150.416666667	05/30/2010 10:00	05/30/2010 9:00	3.9339	30.7463	105.5235348	105.476338	1.199053	105.475638	
110	150	1100	150.458333333	05/30/2010 11:00	05/30/2010 10:00	3.9383	30.7419	105.5248673	105.477670	1.200394	105.476979	
110	150	1200	150.500000000	05/30/2010 12:00	05/30/2010 11:00	3.9321	30.7481	105.5229897	105.475793	1.198504	105.475089	
110	150	1300	150.541666667	05/30/2010 13:00	05/30/2010 12:00	3.9293	30.7508	105.5221417	105.474945	1.197651	105.474236	
110	150	1400	150.583333333	05/30/2010 14:00	05/30/2010 13:00	3.9156	30.7645	105.5179926	105.470796	1.193475	105.470060	
110	150	1500	150.625000000	05/30/2010 15:00	05/30/2010 14:00	3.9082	30.7718	105.5157516	105.468554	1.191219	105.467804	
110	150	1600	150.666666667	05/30/2010 16:00	05/30/2010 15:00	3.885	30.7949	105.5087255	105.461528	1.184148	105.460733	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	150	1700	150.708333333	05/30/2010 17:00	05/30/2010 16:00	3.8612	30.8185	105.5015176	105.454321	1.176894	105.453479	
110	150	1800	150.750000000	05/30/2010 18:00	05/30/2010 17:00	3.8331	30.8464	105.4930076	105.445810	1.168329	105.444914	
110	150	1900	150.791666667	05/30/2010 19:00	05/30/2010 18:00	3.799	30.8803	105.4826804	105.435483	1.157935	105.434520	
110	150	2000	150.833333333	05/30/2010 20:00	05/30/2010 19:00	3.7636	30.9155	105.4719596	105.424762	1.147145	105.423730	
110	150	2100	150.875000000	05/30/2010 21:00	05/30/2010 20:00	3.7276	30.9513	105.461057	105.413860	1.136172	105.412758	
110	150	2200	150.916666667	05/30/2010 22:00	05/30/2010 21:00	3.6904	30.9882	105.449791	105.402594	1.124834	105.401419	
110	150	2300	150.958333333	05/30/2010 23:00	05/30/2010 22:00	3.6549	31.0235	105.4390398	105.391843	1.114014	105.390599	
110	151	0	151.000000000	05/31/2010 0:00	05/30/2010 23:00	3.623	31.0552	105.4293789	105.382182	1.104290	105.380875	
110	151	100	151.041666667	05/31/2010 1:00	05/31/2010 0:00	3.5966	31.0814	105.4213837	105.374187	1.096244	105.372829	
110	151	200	151.083333333	05/31/2010 2:00	05/31/2010 1:00	3.5812	31.0967	105.4167198	105.369523	1.091550	105.368135	
110	151	300	151.125000000	05/31/2010 3:00	05/31/2010 2:00	3.5716	31.1063	105.4138125	105.366615	1.088624	105.365209	
110	151	400	151.166666667	05/31/2010 4:00	05/31/2010 3:00	3.5657	31.1121	105.4120257	105.364829	1.086825	105.363410	
110	151	500	151.208333333	05/31/2010 5:00	05/31/2010 4:00	3.5609	31.1169	105.410572	105.363375	1.085362	105.361947	
110	151	600	151.250000000	05/31/2010 6:00	05/31/2010 5:00	3.5596	31.1182	105.4101783	105.362981	1.084966	105.361551	
110	151	700	151.291666667	05/31/2010 7:00	05/31/2010 6:00	3.555	31.1228	105.4087852	105.361588	1.083564	105.360149	
110	151	800	151.333333333	05/31/2010 8:00	05/31/2010 7:00	3.5599	31.1179	105.4102692	105.363072	1.085058	105.361643	
110	151	900	151.375000000	05/31/2010 9:00	05/31/2010 8:00	3.563	31.1148	105.411208	105.364011	1.086002	105.362587	
110	151	1000	151.416666667	05/31/2010 10:00	05/31/2010 9:00	3.5657	31.1121	105.4120257	105.364829	1.086825	105.363410	
110	151	1100	151.458333333	05/31/2010 11:00	05/31/2010 10:00	3.5746	31.1033	105.414721	105.367524	1.089538	105.366123	
110	151	1200	151.500000000	05/31/2010 12:00	05/31/2010 11:00	3.5698	31.1080	105.4132674	105.366070	1.088075	105.364660	
110	151	1300	151.541666667	05/31/2010 13:00	05/31/2010 12:00	3.563	31.1148	105.411208	105.364011	1.086002	105.362587	
110	151	1400	151.583333333	05/31/2010 14:00	05/31/2010 13:00	3.5455	31.1322	105.4059081	105.358711	1.080668	105.357253	
110	151	1500	151.625000000	05/31/2010 15:00	05/31/2010 14:00	3.5474	31.1303	105.4064835	105.359286	1.081248	105.357833	
110	151	1600	151.666666667	05/31/2010 16:00	05/31/2010 15:00	3.5358	31.1418	105.4029705	105.355773	1.077712	105.354297	
110	151	1700	151.708333333	05/31/2010 17:00	05/31/2010 16:00	3.532	31.1456	105.4018197	105.354623	1.076554	105.353139	
110	151	1800	151.750000000	05/31/2010 18:00	05/31/2010 17:00	3.5233	31.1542	105.3991849	105.351988	1.073902	105.350487	
110	151	1900	151.791666667	05/31/2010 19:00	05/31/2010 18:00	3.5186	31.1589	105.3977615	105.350564	1.072469	105.349054	
110	151	2000	151.833333333	05/31/2010 20:00	05/31/2010 19:00	3.5119	31.1656	105.3957324	105.348535	1.070427	105.347012	
110	151	2100	151.875000000	05/31/2010 21:00	05/31/2010 20:00	3.5081	31.1694	105.3945816	105.347384	1.069269	105.345854	
110	151	2200	151.916666667	05/31/2010 22:00	05/31/2010 21:00	3.5027	31.1747	105.3929462	105.345749	1.067623	105.344208	
110	151	2300	151.958333333	05/31/2010 23:00	05/31/2010 22:00	3.4979	31.1795	105.3914925	105.344295	1.066160	105.342745	
110	152	0	152.000000000	06/01/2010 0:00	05/31/2010 23:00	3.4949	31.1825	105.3905839	105.343387	1.065246	105.341831	
110	152	100	152.041666667	06/01/2010 1:00	06/01/2010 0:00	3.4899	31.1874	105.3890697	105.341873	1.063722	105.340307	
110	152	200	152.083333333	06/01/2010 2:00	06/01/2010 1:00	3.4884	31.1889	105.3886154	105.341418	1.063264	105.339849	
110	152	300	152.125000000	06/01/2010 3:00	06/01/2010 2:00	3.4851	31.1922	105.387616	105.340419	1.062258	105.338844	
110	152	400	152.166666667	06/01/2010 4:00	06/01/2010 3:00	3.4871	31.1902	105.3882217	105.341025	1.062868	105.339453	
110	152	500	152.208333333	06/01/2010 5:00	06/01/2010 4:00	3.4878	31.1895	105.3884337	105.341237	1.063081	105.339666	
110	152	600	152.250000000	06/01/2010 6:00	06/01/2010 5:00	3.5009	31.1765	105.392401	105.345204	1.067074	105.343659	
110	152	700	152.291666667	06/01/2010 7:00	06/01/2010 6:00	3.5172	31.1603	105.3973375	105.350140	1.072043	105.348628	
110	152	800	152.333333333	06/01/2010 8:00	06/01/2010 7:00	3.532	31.1456	105.4018197	105.354623	1.076554	105.353139	
110	152	900	152.375000000	06/01/2010 9:00	06/01/2010 8:00	3.5506	31.1271	105.4074527	105.360256	1.082223	105.358808	
110	152	1000	152.416666667	06/01/2010 10:00	06/01/2010 9:00	3.571	31.1069	105.4136308	105.366434	1.088441	105.365026	
110	152	1100	152.458333333	06/01/2010 11:00	06/01/2010 10:00	3.5991	31.0789	105.4221408	105.374944	1.097006	105.373591	
110	152	1200	152.500000000	06/01/2010 12:00	06/01/2010 11:00	3.624	31.0542	105.4296818	105.382485	1.104595	105.381180	
110	152	1300	152.541666667	06/01/2010 13:00	06/01/2010 12:00	3.654	31.0244	105.4387673	105.391570	1.113739	105.390324	
110	152	1400	152.583333333	06/01/2010 14:00	06/01/2010 13:00	3.6744	31.0041	105.4449454	105.397748	1.119957	105.396542	
110	152	1500	152.625000000	06/01/2010 15:00	06/01/2010 14:00	3.6983	30.9804	105.4521835	105.404986	1.127242	105.403827	
110	152	1600	152.666666667	06/01/2010 16:00	06/01/2010 15:00	3.7183	30.9605	105.4582405	105.411043	1.133338	105.409923	
110	152	1700	152.708333333	06/01/2010 17:00	06/01/2010 16:00	3.7328	30.9461	105.4626318	105.415435	1.137757	105.414342	
110	152	1800	152.750000000	06/01/2010 18:00	06/01/2010 17:00	3.7408	30.9381	105.4650546	105.417857	1.140196	105.416781	
110	152	1900	152.791666667	06/01/2010 19:00	06/01/2010 18:00	3.7501	30.9289	105.4678711	105.420674	1.143030	105.419616	
110	152	2000	152.833333333	06/01/2010 20:00	06/01/2010 19:00	3.7582	30.9209	105.4703242	105.423127	1.145499	105.422084	
110	152	2100	152.875000000	06/01/2010 21:00	06/01/2010 20:00	3.7634	30.9157	105.471899	105.424702	1.147084	105.423669	
110	152	2200	152.916666667	06/01/2010 22:00	06/01/2010 21:00	3.7641	30.9150	105.472111	105.424914	1.147298	105.423883	
110	152	2300	152.958333333	06/01/2010 23:00	06/01/2010 22:00	3.7682	30.9109	105.4733527	105.426156	1.148547	105.425132	
110	153	0	153.000000000	06/02/2010 0:00	06/01/2010 23:00	3.7817	30.8975	105.4774411	105.430244	1.152662	105.429247	
110	153	100	153.041666667	06/02/2010 1:00	06/02/2010 0:00	3.802	30.8773	105.483589	105.436392	1.158850	105.435435	
110	153	200	153.083333333	06/02/2010 2:00	06/02/2010 1:00	3.8279	30.8516	105.4914328	105.444236	1.166744	105.443329	
110	153	300	153.125000000	06/02/2010 3:00	06/02/2010 2:00	3.8751	30.8047	105.5057272	105.458530	1.181130	105.457716	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	153	400	153.166666667	06/02/2010 4:00	06/02/2010 3:00	3.9332	30.7470	105.5233228	105.476126	1.198839	105.475424	
110	153	500	153.208333333	06/02/2010 5:00	06/02/2010 4:00	3.9861	30.6944	105.5393435	105.492146	1.214963	105.491548	
110	153	600	153.250000000	06/02/2010 6:00	06/02/2010 5:00	4.0499	30.6310	105.5586653	105.511468	1.234410	105.510995	
110	153	700	153.291666667	06/02/2010 7:00	06/02/2010 6:00	4.1031	30.5782	105.5747769	105.527580	1.250625	105.527210	
110	153	800	153.333333333	06/02/2010 8:00	06/02/2010 7:00	4.1424	30.5391	105.5866789	105.539482	1.262604	105.539189	
110	153	900	153.375000000	06/02/2010 9:00	06/02/2010 8:00	4.1802	30.5016	105.5981266	105.550929	1.274125	105.550710	
110	153	1000	153.416666667	06/02/2010 10:00	06/02/2010 9:00	4.2051	30.4768	105.6056675	105.558470	1.281714	105.558300	
110	153	1100	153.458333333	06/02/2010 11:00	06/02/2010 10:00	4.2253	30.4567	105.6117851	105.564588	1.287871	105.564456	
110	153	1200	153.500000000	06/02/2010 12:00	06/02/2010 11:00	4.2515	30.4307	105.6197197	105.572523	1.295857	105.572442	
110	153	1300	153.541666667	06/02/2010 13:00	06/02/2010 12:00	4.2787	30.4037	105.6279572	105.580760	1.304148	105.580733	
110	153	1400	153.583333333	06/02/2010 14:00	06/02/2010 13:00	4.3108	30.3718	105.6376787	105.590482	1.313932	105.590517	
110	153	1500	153.625000000	06/02/2010 15:00	06/02/2010 14:00	4.3428	30.3400	105.6473699	105.600173	1.323685	105.600270	
110	153	1600	153.666666667	06/02/2010 16:00	06/02/2010 15:00	4.3786	30.3044	105.6582119	105.611015	1.334597	105.611182	
110	153	1700	153.708333333	06/02/2010 17:00	06/02/2010 16:00	4.4203	30.2630	105.6708407	105.623644	1.347307	105.623892	
110	153	1800	153.750000000	06/02/2010 18:00	06/02/2010 17:00	4.46	30.2235	105.6828638	105.635667	1.359408	105.635993	
110	153	1900	153.791666667	06/02/2010 19:00	06/02/2010 18:00	4.5031	30.1807	105.6959166	105.648719	1.372545	105.649130	
110	153	2000	153.833333333	06/02/2010 20:00	06/02/2010 19:00	4.5516	30.1325	105.7106048	105.663408	1.387328	105.663913	
110	153	2100	153.875000000	06/02/2010 21:00	06/02/2010 20:00	4.5927	30.0917	105.7230519	105.675855	1.399855	105.676440	
110	153	2200	153.916666667	06/02/2010 22:00	06/02/2010 21:00	4.6349	30.0498	105.7358321	105.688635	1.412718	105.689303	
110	153	2300	153.958333333	06/02/2010 23:00	06/02/2010 22:00	4.671	30.0139	105.746765	105.699568	1.423721	105.700306	
110	154	0	154.000000000	06/03/2010 0:00	06/02/2010 23:00	4.707	29.9781	105.7576676	105.710470	1.434694	105.711279	
110	154	100	154.041666667	06/03/2010 1:00	06/03/2010 0:00	4.7353	29.9500	105.7662382	105.719041	1.443319	105.719904	
110	154	200	154.083333333	06/03/2010 2:00	06/03/2010 1:00	4.7589	29.9266	105.7733854	105.726188	1.450513	105.727098	
110	154	300	154.125000000	06/03/2010 3:00	06/03/2010 2:00	4.7754	29.9102	105.7783825	105.731185	1.455542	105.732127	
110	154	400	154.166666667	06/03/2010 4:00	06/03/2010 3:00	4.785	29.9006	105.7812898	105.734093	1.458468	105.735053	
110	154	500	154.208333333	06/03/2010 5:00	06/03/2010 4:00	4.8085	29.8773	105.7884068	105.741210	1.465631	105.742216	
110	154	600	154.250000000	06/03/2010 6:00	06/03/2010 5:00	4.8154	29.8704	105.7904964	105.743299	1.467734	105.744319	
110	154	700	154.291666667	06/03/2010 7:00	06/03/2010 6:00	4.8178	29.8680	105.7912233	105.744026	1.468465	105.745050	
110	154	800	154.333333333	06/03/2010 8:00	06/03/2010 7:00	4.8168	29.8690	105.7909204	105.743723	1.468161	105.744746	
110	154	900	154.375000000	06/03/2010 9:00	06/03/2010 8:00	4.8243	29.8616	105.7931918	105.745995	1.470447	105.747032	
110	154	1000	154.416666667	06/03/2010 10:00	06/03/2010 9:00	4.8315	29.8544	105.7953723	105.748175	1.472641	105.749226	
110	154	1100	154.458333333	06/03/2010 11:00	06/03/2010 10:00	4.8426	29.8434	105.7987339	105.751537	1.476024	105.752610	
110	154	1200	154.500000000	06/03/2010 12:00	06/03/2010 11:00	4.8527	29.8334	105.8017927	105.754596	1.479103	105.755688	
110	154	1300	154.541666667	06/03/2010 13:00	06/03/2010 12:00	4.8348	29.8511	105.7963717	105.749175	1.473647	105.750232	
110	154	1400	154.583333333	06/03/2010 14:00	06/03/2010 13:00	4.8146	29.8712	105.7902541	105.743057	1.467490	105.744075	
110	154	1500	154.625000000	06/03/2010 15:00	06/03/2010 14:00	4.7933	29.8924	105.7838035	105.736606	1.460998	105.737583	
110	154	1600	154.666666667	06/03/2010 16:00	06/03/2010 15:00	4.7657	29.9198	105.7754448	105.728248	1.452585	105.729170	
110	154	1700	154.708333333	06/03/2010 17:00	06/03/2010 16:00	4.7307	29.9546	105.7648451	105.717648	1.441917	105.718502	
110	154	1800	154.750000000	06/03/2010 18:00	06/03/2010 17:00	4.6901	29.9949	105.7525494	105.705352	1.429542	105.706128	
110	154	1900	154.791666667	06/03/2010 19:00	06/03/2010 18:00	4.6552	30.0296	105.74198	105.694783	1.418905	105.695490	
110	154	2000	154.833333333	06/03/2010 20:00	06/03/2010 19:00	4.6145	30.0700	105.729654	105.682457	1.406500	105.683085	
110	154	2100	154.875000000	06/03/2010 21:00	06/03/2010 20:00	4.58	30.1043	105.7192057	105.672009	1.395984	105.672569	
110	154	2200	154.916666667	06/03/2010 22:00	06/03/2010 21:00	4.547	30.1371	105.7092117	105.662015	1.385926	105.662511	
110	154	2300	154.958333333	06/03/2010 23:00	06/03/2010 22:00	4.516	30.1679	105.6998233	105.652626	1.376477	105.653062	
110	155	0	155.000000000	06/04/2010 0:00	06/03/2010 23:00	4.4876	30.1961	105.6912224	105.644025	1.367820	105.644406	
110	155	100	155.041666667	06/04/2010 1:00	06/04/2010 0:00	4.4743	30.2093	105.6871945	105.639997	1.363767	105.640352	
110	155	200	155.083333333	06/04/2010 2:00	06/04/2010 1:00	4.4689	30.2147	105.6855591	105.638362	1.362121	105.638706	
110	155	300	155.125000000	06/04/2010 3:00	06/04/2010 2:00	4.4706	30.2130	105.686074	105.638877	1.362639	105.639224	
110	155	400	155.166666667	06/04/2010 4:00	06/04/2010 3:00	4.4748	30.2088	105.687346	105.640149	1.363919	105.640504	
110	155	500	155.208333333	06/04/2010 5:00	06/04/2010 4:00	4.5316	30.1524	105.7045478	105.657351	1.381232	105.657817	
110	155	600	155.250000000	06/04/2010 6:00	06/04/2010 5:00	4.5215	30.1624	105.701489	105.654292	1.378153	105.654738	
110	155	700	155.291666667	06/04/2010 7:00	06/04/2010 6:00	4.5367	30.1473	105.7060923	105.658895	1.382786	105.659371	
110	155	800	155.333333333	06/04/2010 8:00	06/04/2010 7:00	4.5527	30.1314	105.7109379	105.663741	1.387663	105.664248	
110	155	900	155.375000000	06/04/2010 9:00	06/04/2010 8:00	4.5732	30.1111	105.7171463	105.669949	1.393911	105.670496	
110	155	1000	155.416666667	06/04/2010 10:00	06/04/2010 9:00	4.5844	30.0999	105.7205382	105.673341	1.397325	105.673910	
110	155	1100	155.458333333	06/04/2010 11:00	06/04/2010 10:00	4.6043	30.0802	105.7265649	105.679368	1.403391	105.679976	
110	155	1200	155.500000000	06/04/2010 12:00	06/04/2010 11:00	4.6349	30.0498	105.7358321	105.688635	1.412718	105.689303	
110	155	1300	155.541666667	06/04/2010 13:00	06/04/2010 12:00	4.634	30.0507	105.7355596	105.688362	1.412443	105.689028	
110	155	1400	155.583333333	06/04/2010 14:00	06/04/2010 13:00	4.635	30.0497	105.7358624	105.688665	1.412748	105.689333	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	155	1500	155.625000000	06/04/2010 15:00	06/04/2010 14:00	4.6515	30.0333	105.7408594	105.693662	1.417777	105.694362	
110	155	1600	155.666666667	06/04/2010 16:00	06/04/2010 15:00	4.6278	30.0568	105.7336819	105.686485	1.410553	105.687138	
110	155	1700	155.708333333	06/04/2010 17:00	06/04/2010 16:00	4.6066	30.0779	105.7272615	105.680064	1.404092	105.680677	
110	155	1800	155.750000000	06/04/2010 18:00	06/04/2010 17:00	4.5778	30.1065	105.7185394	105.671342	1.395313	105.671898	
110	155	1900	155.791666667	06/04/2010 19:00	06/04/2010 18:00	4.5401	30.1440	105.707122	105.659925	1.383822	105.660408	
110	155	2000	155.833333333	06/04/2010 20:00	06/04/2010 19:00	4.5062	30.1776	105.6968554	105.649658	1.373490	105.650075	
110	155	2100	155.875000000	06/04/2010 21:00	06/04/2010 20:00	4.4741	30.2095	105.687134	105.639937	1.363706	105.640291	
110	155	2200	155.916666667	06/04/2010 22:00	06/04/2010 21:00	4.4426	30.2408	105.6775942	105.630397	1.354104	105.630690	
110	155	2300	155.958333333	06/04/2010 23:00	06/04/2010 22:00	4.4125	30.2707	105.6684784	105.621281	1.344930	105.621515	
110	156	0	156.000000000	06/05/2010 0:00	06/04/2010 23:00	4.3805	30.3025	105.6587873	105.611590	1.335176	105.611761	
110	156	100	156.041666667	06/05/2010 1:00	06/05/2010 0:00	4.3514	30.3314	105.6499744	105.602777	1.326307	105.602892	
110	156	200	156.083333333	06/05/2010 2:00	06/05/2010 1:00	4.3252	30.3575	105.6420397	105.594843	1.318321	105.594906	
110	156	300	156.125000000	06/05/2010 3:00	06/05/2010 2:00	4.3047	30.3779	105.6358313	105.588634	1.312073	105.588658	
110	156	400	156.166666667	06/05/2010 4:00	06/05/2010 3:00	4.2847	30.3977	105.6297743	105.582577	1.305977	105.582562	
110	156	500	156.208333333	06/05/2010 5:00	06/05/2010 4:00	4.294	30.3885	105.6325908	105.585394	1.308811	105.585396	
110	156	600	156.250000000	06/05/2010 6:00	06/05/2010 5:00	4.2965	30.3860	105.6333479	105.586151	1.309573	105.586158	
110	156	700	156.291666667	06/05/2010 7:00	06/05/2010 6:00	4.302	30.3805	105.6350136	105.587816	1.311250	105.587835	
110	156	800	156.333333333	06/05/2010 8:00	06/05/2010 7:00	4.3186	30.3640	105.6400409	105.592844	1.316309	105.592894	
110	156	900	156.375000000	06/05/2010 9:00	06/05/2010 8:00	4.3278	30.3549	105.6428271	105.595630	1.319113	105.595698	
110	156	1000	156.416666667	06/05/2010 10:00	06/05/2010 9:00	4.3404	30.3424	105.646643	105.599446	1.322954	105.599539	
110	156	1100	156.458333333	06/05/2010 11:00	06/05/2010 10:00	4.3598	30.3231	105.6525183	105.605321	1.328867	105.605452	
110	156	1200	156.500000000	06/05/2010 12:00	06/05/2010 11:00	4.3792	30.3038	105.6583936	105.611196	1.334780	105.611365	
110	156	1300	156.541666667	06/05/2010 13:00	06/05/2010 12:00	4.3966	30.2865	105.6636631	105.616466	1.340084	105.616669	
110	156	1400	156.583333333	06/05/2010 14:00	06/05/2010 13:00	4.4159	30.2674	105.6695081	105.622311	1.345966	105.622551	
110	156	1500	156.625000000	06/05/2010 15:00	06/05/2010 14:00	4.4221	30.2612	105.6713858	105.624189	1.347856	105.624441	
110	156	1600	156.666666667	06/05/2010 16:00	06/05/2010 15:00	4.4247	30.2586	105.6721732	105.624976	1.348649	105.625234	
110	156	1700	156.708333333	06/05/2010 17:00	06/05/2010 16:00	4.4208	30.2625	105.6709921	105.623795	1.347460	105.624045	
110	156	1800	156.750000000	06/05/2010 18:00	06/05/2010 17:00	4.4138	30.2694	105.6688722	105.621675	1.345326	105.621911	
110	156	1900	156.791666667	06/05/2010 19:00	06/05/2010 18:00	4.4018	30.2814	105.665238	105.618041	1.341669	105.618254	
110	156	2000	156.833333333	06/05/2010 20:00	06/05/2010 19:00	4.3843	30.2988	105.6599381	105.612741	1.336335	105.612920	
110	156	2100	156.875000000	06/05/2010 21:00	06/05/2010 20:00	4.3598	30.3231	105.6525183	105.605321	1.328867	105.605452	
110	156	2200	156.916666667	06/05/2010 22:00	06/05/2010 21:00	4.3279	30.3548	105.6428574	105.595660	1.319144	105.595729	
110	156	2300	156.958333333	06/05/2010 23:00	06/05/2010 22:00	4.2902	30.3923	105.63144	105.584243	1.307653	105.584238	
110	157	0	157.000000000	06/06/2010 0:00	06/05/2010 23:00	4.2563	30.4259	105.6211734	105.573976	1.297320	105.573905	
110	157	100	157.041666667	06/06/2010 1:00	06/06/2010 0:00	4.2226	30.4594	105.6109674	105.563770	1.287048	105.563634	
110	157	200	157.083333333	06/06/2010 2:00	06/06/2010 1:00	4.1971	30.4848	105.6032447	105.556048	1.279276	105.555861	
110	157	300	157.125000000	06/06/2010 3:00	06/06/2010 2:00	4.1745	30.5072	105.5964003	105.549203	1.272388	105.548973	
110	157	400	157.166666667	06/06/2010 4:00	06/06/2010 3:00	4.1472	30.5343	105.5881325	105.540935	1.264067	105.540652	
110	157	500	157.208333333	06/06/2010 5:00	06/06/2010 4:00	4.1459	30.5356	105.5877388	105.540542	1.263670	105.540255	
110	157	600	157.250000000	06/06/2010 6:00	06/06/2010 5:00	4.1216	30.5598	105.5803796	105.533182	1.256264	105.532849	
110	157	700	157.291666667	06/06/2010 7:00	06/06/2010 6:00	4.1081	30.5732	105.5762911	105.529094	1.252149	105.528734	
110	157	800	157.333333333	06/06/2010 8:00	06/06/2010 7:00	4.0936	30.5876	105.5718998	105.524703	1.247729	105.524314	
110	157	900	157.375000000	06/06/2010 9:00	06/06/2010 8:00	4.0835	30.5976	105.568841	105.521644	1.244651	105.521236	
110	157	1000	157.416666667	06/06/2010 10:00	06/06/2010 9:00	4.0751	30.6060	105.5662971	105.519100	1.242090	105.518676	
110	157	1100	157.458333333	06/06/2010 11:00	06/06/2010 10:00	4.061	30.6200	105.5620269	105.514830	1.237793	105.514378	
110	157	1200	157.500000000	06/06/2010 12:00	06/06/2010 11:00	4.057	30.6240	105.5608155	105.513618	1.236574	105.513159	
110	157	1300	157.541666667	06/06/2010 13:00	06/06/2010 12:00	4.0531	30.6278	105.5596344	105.512437	1.235385	105.511970	
110	157	1400	157.583333333	06/06/2010 14:00	06/06/2010 13:00	4.0504	30.6305	105.5588167	105.511620	1.234562	105.511147	
110	157	1500	157.625000000	06/06/2010 15:00	06/06/2010 14:00	4.0403	30.6406	105.5557579	105.508561	1.231483	105.508068	
110	157	1600	157.666666667	06/06/2010 16:00	06/06/2010 15:00	4.0401	30.6408	105.5556974	105.508500	1.231422	105.508008	
110	157	1700	157.708333333	06/06/2010 17:00	06/06/2010 16:00	4.0367	30.6441	105.5546677	105.507471	1.230386	105.506971	
110	157	1800	157.750000000	06/06/2010 18:00	06/06/2010 17:00	4.031	30.6498	105.5529414	105.505744	1.228649	105.505234	
110	157	1900	157.791666667	06/06/2010 19:00	06/06/2010 18:00	4.0328	30.6480	105.5534866	105.506289	1.229197	105.505782	
110	157	2000	157.833333333	06/06/2010 20:00	06/06/2010 19:00	4.0289	30.6519	105.5523055	105.505108	1.228009	105.504594	
110	157	2100	157.875000000	06/06/2010 21:00	06/06/2010 20:00	4.0288	30.6520	105.5522752	105.505078	1.227978	105.504563	
110	157	2200	157.916666667	06/06/2010 22:00	06/06/2010 21:00	4.0296	30.6512	105.5525175	105.505320	1.228222	105.504807	
110	157	2300	157.958333333	06/06/2010 23:00	06/06/2010 22:00	4.0328	30.6480	105.5534866	105.506289	1.229197	105.505782	
110	158	0	158.000000000	06/07/2010 0:00	06/06/2010 23:00	4.0173	30.6634	105.5487924	105.501595	1.224473	105.501058	
110	158	100	158.041666667	06/07/2010 1:00	06/07/2010 0:00	4.0139	30.6668	105.5477627	105.500566	1.223437	105.500022	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	158	200	158.083333333	06/07/2010 2:00	06/07/2010 1:00	4.0101	30.6706	105.5466119	105.499415	1.222278	105.498864	
110	158	300	158.125000000	06/07/2010 3:00	06/07/2010 2:00	4.0046	30.6760	105.5449462	105.497749	1.220602	105.497187	
110	158	400	158.166666667	06/07/2010 4:00	06/07/2010 3:00	3.9974	30.6832	105.5427657	105.495569	1.218408	105.494993	
110	158	500	158.208333333	06/07/2010 5:00	06/07/2010 4:00	4.0203	30.6604	105.549701	105.502504	1.225387	105.501972	
110	158	600	158.250000000	06/07/2010 6:00	06/07/2010 5:00	4.0214	30.6593	105.5500341	105.502837	1.225723	105.502308	
110	158	700	158.291666667	06/07/2010 7:00	06/07/2010 6:00	4.0306	30.6502	105.5528203	105.505623	1.228527	105.505112	
110	158	800	158.333333333	06/07/2010 8:00	06/07/2010 7:00	4.0437	30.6372	105.5567876	105.509591	1.232520	105.509105	
110	158	900	158.375000000	06/07/2010 9:00	06/07/2010 8:00	4.0586	30.6224	105.5613001	105.514103	1.237061	105.513646	
110	158	1000	158.416666667	06/07/2010 10:00	06/07/2010 9:00	4.0878	30.5934	105.5701433	105.522946	1.245961	105.522546	
110	158	1100	158.458333333	06/07/2010 11:00	06/07/2010 10:00	4.11	30.5713	105.5768665	105.529669	1.252728	105.529313	
110	158	1200	158.500000000	06/07/2010 12:00	06/07/2010 11:00	4.139	30.5425	105.5856492	105.538452	1.261567	105.538152	
110	158	1300	158.541666667	06/07/2010 13:00	06/07/2010 12:00	4.1729	30.5088	105.5959158	105.548719	1.271900	105.548485	
110	158	1400	158.583333333	06/07/2010 14:00	06/07/2010 13:00	4.1934	30.4884	105.6021242	105.554927	1.278148	105.554733	
110	158	1500	158.625000000	06/07/2010 15:00	06/07/2010 14:00	4.2151	30.4669	105.608696	105.561499	1.284762	105.561348	
110	158	1600	158.666666667	06/07/2010 16:00	06/07/2010 15:00	4.2256	30.4564	105.6118759	105.564679	1.287963	105.564548	
110	158	1700	158.708333333	06/07/2010 17:00	06/07/2010 16:00	4.2401	30.4420	105.6162672	105.569070	1.292382	105.568968	
110	158	1800	158.750000000	06/07/2010 18:00	06/07/2010 17:00	4.2513	30.4309	105.6196591	105.572462	1.295796	105.572381	
110	158	1900	158.791666667	06/07/2010 19:00	06/07/2010 18:00	4.2601	30.4222	105.6223242	105.575127	1.298478	105.575064	
110	158	2000	158.833333333	06/07/2010 20:00	06/07/2010 19:00	4.2594	30.4229	105.6221122	105.574915	1.298265	105.574850	
110	158	2100	158.875000000	06/07/2010 21:00	06/07/2010 20:00	4.2602	30.4221	105.6223545	105.575157	1.298509	105.575094	
110	158	2200	158.916666667	06/07/2010 22:00	06/07/2010 21:00	4.2553	30.4269	105.6208705	105.573673	1.297015	105.573600	
110	158	2300	158.958333333	06/07/2010 23:00	06/07/2010 22:00	4.2393	30.4428	105.616025	105.568828	1.292139	105.568724	
110	159	0	159.000000000	06/08/2010 0:00	06/07/2010 23:00	4.2274	30.4547	105.612421	105.565224	1.288512	105.565097	
110	159	100	159.041666667	06/08/2010 1:00	06/08/2010 0:00	4.2168	30.4652	105.6092108	105.562014	1.285281	105.561866	
110	159	200	159.083333333	06/08/2010 2:00	06/08/2010 1:00	4.2064	30.4755	105.6060612	105.558864	1.282111	105.558696	
110	159	300	159.125000000	06/08/2010 3:00	06/08/2010 2:00	4.1937	30.4881	105.602215	105.555018	1.278240	105.554825	
110	159	400	159.166666667	06/08/2010 4:00	06/08/2010 3:00	4.1846	30.4972	105.5994591	105.552262	1.275466	105.552051	
110	159	500	159.208333333	06/08/2010 5:00	06/08/2010 4:00	4.1949	30.4869	105.6025784	105.555381	1.278606	105.555191	
110	159	600	159.250000000	06/08/2010 6:00	06/08/2010 5:00	4.1931	30.4887	105.6020333	105.554836	1.278057	105.554642	
110	159	700	159.291666667	06/08/2010 7:00	06/08/2010 6:00	4.1914	30.4904	105.6015185	105.554321	1.277539	105.554124	
110	159	800	159.333333333	06/08/2010 8:00	06/08/2010 7:00	4.1972	30.4847	105.603275	105.556078	1.279307	105.555892	
110	159	900	159.375000000	06/08/2010 9:00	06/08/2010 8:00	4.2043	30.4776	105.6054252	105.558228	1.281471	105.558056	
110	159	1000	159.416666667	06/08/2010 10:00	06/08/2010 9:00	4.213	30.4690	105.60806	105.560863	1.284122	105.560707	
110	159	1100	159.458333333	06/08/2010 11:00	06/08/2010 10:00	4.2319	30.4502	105.6137839	105.566587	1.289883	105.566468	
110	159	1200	159.500000000	06/08/2010 12:00	06/08/2010 11:00	4.2618	30.4205	105.6228391	105.575642	1.298997	105.575582	
110	159	1300	159.541666667	06/08/2010 13:00	06/08/2010 12:00	4.2949	30.3876	105.6328634	105.585666	1.309086	105.585671	
110	159	1400	159.583333333	06/08/2010 14:00	06/08/2010 13:00	4.3346	30.3481	105.6448865	105.597689	1.321186	105.597771	
110	159	1500	159.625000000	06/08/2010 15:00	06/08/2010 14:00	4.3873	30.2958	105.6608466	105.613650	1.337249	105.613834	
110	159	1600	159.666666667	06/08/2010 16:00	06/08/2010 15:00	4.4346	30.2488	105.6751714	105.627974	1.351666	105.628251	
110	159	1700	159.708333333	06/08/2010 17:00	06/08/2010 16:00	4.4937	30.1901	105.6930698	105.645873	1.369680	105.646265	
110	159	1800	159.750000000	06/08/2010 18:00	06/08/2010 17:00	4.546	30.1381	105.7089088	105.661712	1.385621	105.662206	
110	159	1900	159.791666667	06/08/2010 19:00	06/08/2010 18:00	4.5963	30.0881	105.7241421	105.676945	1.400952	105.677537	
110	159	2000	159.833333333	06/08/2010 20:00	06/08/2010 19:00	4.6409	30.0438	105.7376492	105.690452	1.414546	105.691131	
110	159	2100	159.875000000	06/08/2010 21:00	06/08/2010 20:00	4.6781	30.0068	105.7489152	105.701718	1.425885	105.702470	
110	159	2200	159.916666667	06/08/2010 22:00	06/08/2010 21:00	4.7126	29.9726	105.7593635	105.712166	1.436400	105.712986	
110	159	2300	159.958333333	06/08/2010 23:00	06/08/2010 22:00	4.7432	29.9422	105.7686307	105.721434	1.445727	105.722312	
110	160	0	160.000000000	06/09/2010 0:00	06/08/2010 23:00	4.7757	29.9099	105.7784733	105.731276	1.455633	105.732218	
110	160	100	160.041666667	06/09/2010 1:00	06/09/2010 0:00	4.8108	29.8750	105.7891033	105.741906	1.466332	105.742917	
110	160	200	160.083333333	06/09/2010 2:00	06/09/2010 1:00	4.841	29.8450	105.7982494	105.751052	1.475537	105.752122	
110	160	300	160.125000000	06/09/2010 3:00	06/09/2010 2:00	4.8734	29.8128	105.8080617	105.760865	1.485412	105.761997	
110	160	400	160.166666667	06/09/2010 4:00	06/09/2010 3:00	4.9043	29.7821	105.8174197	105.770223	1.494831	105.771416	
110	160	500	160.208333333	06/09/2010 5:00	06/09/2010 4:00	4.9834	29.7035	105.8413751	105.794178	1.518940	105.795525	
110	160	600	160.250000000	06/09/2010 6:00	06/09/2010 5:00	5.0255	29.6617	105.8541251	105.806928	1.531772	105.808357	
110	160	700	160.291666667	06/09/2010 7:00	06/09/2010 6:00	5.068	29.6194	105.8669962	105.819799	1.544726	105.821311	
110	160	800	160.333333333	06/09/2010 8:00	06/09/2010 7:00	5.1233	29.5645	105.8837437	105.836547	1.561582	105.838167	
110	160	900	160.375000000	06/09/2010 9:00	06/09/2010 8:00	5.1867	29.5015	105.9029444	105.855747	1.580906	105.857491	
110	160	1000	160.416666667	06/09/2010 10:00	06/09/2010 9:00	5.2651	29.4236	105.9266877	105.879491	1.604802	105.881388	
110	160	1100	160.458333333	06/09/2010 11:00	06/09/2010 10:00	5.3203	29.3687	105.943405	105.896208	1.621627	105.898212	
110	160	1200	160.500000000	06/09/2010 12:00	06/09/2010 11:00	5.3894	29.3001	105.9643319	105.917135	1.642689	105.919274	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	160	1300	160.541666667	06/09/2010 13:00	06/09/2010 12:00	5.4581	29.2318	105.9851377	105.937941	1.663629	105.940214	
110	160	1400	160.583333333	06/09/2010 14:00	06/09/2010 13:00	5.5197	29.1706	106.0037932	105.956596	1.682405	105.958990	
110	160	1500	160.625000000	06/09/2010 15:00	06/09/2010 14:00	5.5743	29.1164	106.0203287	105.973132	1.699047	105.975632	
110	160	1600	160.666666667	06/09/2010 16:00	06/09/2010 15:00	5.6251	29.0659	106.0357135	105.988516	1.714530	105.991116	
110	160	1700	160.708333333	06/09/2010 17:00	06/09/2010 16:00	5.6634	29.0278	106.0473126	106.000116	1.726204	106.002789	
110	160	1800	160.750000000	06/09/2010 18:00	06/09/2010 17:00	5.6967	28.9948	106.0573975	106.010200	1.736354	106.012939	
110	160	1900	160.791666667	06/09/2010 19:00	06/09/2010 18:00	5.7302	28.9615	106.0675429	106.020346	1.746565	106.023150	
110	160	2000	160.833333333	06/09/2010 20:00	06/09/2010 19:00	5.7549	28.9369	106.0750233	106.027826	1.754094	106.030679	
110	160	2100	160.875000000	06/09/2010 21:00	06/09/2010 20:00	5.7781	28.9139	106.0820494	106.034852	1.761165	106.037750	
110	160	2200	160.916666667	06/09/2010 22:00	06/09/2010 21:00	5.7896	28.9025	106.0855322	106.038335	1.764670	106.041255	
110	160	2300	160.958333333	06/09/2010 23:00	06/09/2010 22:00	5.8006	28.8915	106.0888635	106.041666	1.768023	106.044608	
110	161	0	161.000000000	06/10/2010 0:00	06/09/2010 23:00	5.8147	28.8775	106.0931337	106.045937	1.772321	106.048906	
110	161	100	161.041666667	06/10/2010 1:00	06/10/2010 0:00	5.8249	28.8674	106.0962228	106.049026	1.775430	106.052015	
110	161	200	161.083333333	06/10/2010 2:00	06/10/2010 1:00	5.8458	28.8466	106.1025523	106.055355	1.781800	106.058385	
110	161	300	161.125000000	06/10/2010 3:00	06/10/2010 2:00	5.868	28.8246	106.1092756	106.062078	1.788566	106.065151	
110	161	400	161.166666667	06/10/2010 4:00	06/10/2010 3:00	5.888	28.8047	106.1153326	106.068135	1.794662	106.071247	
110	161	500	161.208333333	06/10/2010 5:00	06/10/2010 4:00	5.9634	28.7298	106.1381674	106.090970	1.817644	106.094229	
110	161	600	161.250000000	06/10/2010 6:00	06/10/2010 5:00	6.0043	28.6891	106.1505539	106.103357	1.830111	106.106696	
110	161	700	161.291666667	06/10/2010 7:00	06/10/2010 6:00	6.0541	28.6396	106.1656358	106.118439	1.845290	106.121875	
110	161	800	161.333333333	06/10/2010 8:00	06/10/2010 7:00	6.1019	28.5922	106.180112	106.132915	1.859859	106.136444	
110	161	900	161.375000000	06/10/2010 9:00	06/10/2010 8:00	6.1598	28.5346	106.197647	106.150450	1.877507	106.154092	
110	161	1000	161.416666667	06/10/2010 10:00	06/10/2010 9:00	6.207	28.4877	106.2119415	106.164744	1.891894	106.168479	
110	161	1100	161.458333333	06/10/2010 11:00	06/10/2010 10:00	6.2459	28.4491	106.2237223	106.176525	1.903750	106.180335	
110	161	1200	161.500000000	06/10/2010 12:00	06/10/2010 11:00	6.2926	28.4027	106.2378654	106.190668	1.917984	106.194570	
110	161	1300	161.541666667	06/10/2010 13:00	06/10/2010 12:00	6.3357	28.3598	106.2509182	106.203721	1.931121	106.207706	
110	161	1400	161.583333333	06/10/2010 14:00	06/10/2010 13:00	6.3719	28.3239	106.2618813	106.214684	1.942155	106.218740	
110	161	1500	161.625000000	06/10/2010 15:00	06/10/2010 14:00	6.3982	28.2977	106.2698463	106.222649	1.950171	106.226756	
110	161	1600	161.666666667	06/10/2010 16:00	06/10/2010 15:00	6.4076	28.2884	106.272693	106.225496	1.953036	106.229622	
110	161	1700	161.708333333	06/10/2010 17:00	06/10/2010 16:00	6.4098	28.2862	106.2733593	106.226162	1.953707	106.230292	
110	161	1800	161.750000000	06/10/2010 18:00	06/10/2010 17:00	6.3934	28.3025	106.2683926	106.221195	1.948708	106.225293	
110	161	1900	161.791666667	06/10/2010 19:00	06/10/2010 18:00	6.3784	28.3174	106.2638498	106.216653	1.944136	106.220721	
110	161	2000	161.833333333	06/10/2010 20:00	06/10/2010 19:00	6.3596	28.3361	106.2581563	106.210959	1.938406	106.214991	
110	161	2100	161.875000000	06/10/2010 21:00	06/10/2010 20:00	6.337	28.3586	106.2513119	106.204115	1.931518	106.208103	
110	161	2200	161.916666667	06/10/2010 22:00	06/10/2010 21:00	6.328	28.3675	106.2485862	106.201389	1.928774	106.205359	
110	161	2300	161.958333333	06/10/2010 23:00	06/10/2010 22:00	6.3275	28.3680	106.2484348	106.201238	1.928622	106.205207	
110	162	0	162.000000000	06/11/2010 0:00	06/10/2010 23:00	6.3402	28.3554	106.252281	106.205084	1.932493	106.209078	
110	162	100	162.041666667	06/11/2010 1:00	06/11/2010 0:00	6.3568	28.3389	106.2573083	106.210111	1.937553	106.214138	
110	162	200	162.083333333	06/11/2010 2:00	06/11/2010 1:00	6.3777	28.3181	106.2636379	106.216441	1.943923	106.220508	
110	162	300	162.125000000	06/11/2010 3:00	06/11/2010 2:00	6.3872	28.3087	106.2665149	106.219318	1.946819	106.223404	
110	162	400	162.166666667	06/11/2010 4:00	06/11/2010 3:00	6.3907	28.3052	106.2675749	106.220378	1.947885	106.224470	
110	162	500	162.208333333	06/11/2010 5:00	06/11/2010 4:00	6.4384	28.2578	106.2820208	106.234824	1.962424	106.239009	
110	162	600	162.250000000	06/11/2010 6:00	06/11/2010 5:00	6.4349	28.2613	106.2809608	106.233764	1.961358	106.237943	
110	162	700	162.291666667	06/11/2010 7:00	06/11/2010 6:00	6.4432	28.2530	106.2834745	106.236277	1.963887	106.240472	
110	162	800	162.333333333	06/11/2010 8:00	06/11/2010 7:00	6.4589	28.2374	106.2882292	106.241032	1.968673	106.245258	
110	162	900	162.375000000	06/11/2010 9:00	06/11/2010 8:00	6.4936	28.2030	106.2987381	106.251541	1.979249	106.255834	
110	162	1000	162.416666667	06/11/2010 10:00	06/11/2010 9:00	6.5493	28.1476	106.3156068	106.268410	1.996227	106.272812	
110	162	1100	162.458333333	06/11/2010 11:00	06/11/2010 10:00	6.6125	28.0848	106.3347469	106.287550	2.015490	106.292075	
110	162	1200	162.500000000	06/11/2010 12:00	06/11/2010 11:00	6.6732	28.0245	106.3531298	106.305933	2.033991	106.310576	
110	162	1300	162.541666667	06/11/2010 13:00	06/11/2010 12:00	6.7354	27.9627	106.371967	106.324770	2.052950	106.329535	
110	162	1400	162.583333333	06/11/2010 14:00	06/11/2010 13:00	6.7937	27.9048	106.3896232	106.342426	2.070720	106.347305	
110	162	1500	162.625000000	06/11/2010 15:00	06/11/2010 14:00	6.8256	27.8731	106.399284	106.352087	2.080443	106.357028	
110	162	1600	162.666666667	06/11/2010 16:00	06/11/2010 15:00	6.8587	27.8402	106.4093084	106.362111	2.090532	106.367117	
110	162	1700	162.708333333	06/11/2010 17:00	06/11/2010 16:00	6.8807	27.8183	106.415971	106.368774	2.097237	106.373822	
110	162	1800	162.750000000	06/11/2010 18:00	06/11/2010 17:00	6.9053	27.7939	106.4234211	106.376224	2.104735	106.381320	
110	162	1900	162.791666667	06/11/2010 19:00	06/11/2010 18:00	6.9233	27.7760	106.4288724	106.381675	2.110222	106.386807	
110	162	2000	162.833333333	06/11/2010 20:00	06/11/2010 19:00	6.9392	27.7602	106.4336877	106.386491	2.115068	106.391653	
110	162	2100	162.875000000	06/11/2010 21:00	06/11/2010 20:00	6.9245	27.7748	106.4292358	106.382039	2.110588	106.387173	
110	162	2200	162.916666667	06/11/2010 22:00	06/11/2010 21:00	6.9055	27.7937	106.4234817	106.376285	2.104796	106.381381	
110	162	2300	162.958333333	06/11/2010 23:00	06/11/2010 22:00	6.8837	27.8154	106.4168796	106.369682	2.098152	106.374737	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	163	0	163.000000000	06/12/2010 0:00	06/11/2010 23:00	6.8585	27.8404	106.4092478	106.362051	2.090471	106.367056	
110	163	100	163.041666667	06/12/2010 1:00	06/12/2010 0:00	6.8343	27.8644	106.4019188	106.354722	2.083095	106.359680	
110	163	200	163.083333333	06/12/2010 2:00	06/12/2010 1:00	6.8229	27.8758	106.3984664	106.351269	2.079620	106.356205	
110	163	300	163.125000000	06/12/2010 3:00	06/12/2010 2:00	6.8061	27.8925	106.3933785	106.346181	2.074499	106.351084	
110	163	400	163.166666667	06/12/2010 4:00	06/12/2010 3:00	6.7996	27.8989	106.39141	106.344213	2.072518	106.349103	
110	163	500	163.208333333	06/12/2010 5:00	06/12/2010 4:00	6.8394	27.8594	106.4034634	106.356266	2.084649	106.361234	
110	163	600	163.250000000	06/12/2010 6:00	06/12/2010 5:00	6.8329	27.8658	106.4014948	106.354298	2.082668	106.359253	
110	163	700	163.291666667	06/12/2010 7:00	06/12/2010 6:00	6.8272	27.8715	106.3997686	106.352572	2.080931	106.357516	
110	163	800	163.333333333	06/12/2010 8:00	06/12/2010 7:00	6.825	27.8737	106.3991023	106.351905	2.080260	106.356845	
110	163	900	163.375000000	06/12/2010 9:00	06/12/2010 8:00	6.8136	27.8850	106.3956499	106.348453	2.076785	106.353370	
110	163	1000	163.416666667	06/12/2010 10:00	06/12/2010 9:00	6.798	27.9005	106.3909254	106.343728	2.072030	106.348615	
110	163	1100	163.458333333	06/12/2010 11:00	06/12/2010 10:00	6.7782	27.9202	106.384929	106.337732	2.065995	106.342580	
110	163	1200	163.500000000	06/12/2010 12:00	06/12/2010 11:00	6.7631	27.9352	106.380356	106.333159	2.061393	106.337978	
110	163	1300	163.541666667	06/12/2010 13:00	06/12/2010 12:00	6.7505	27.9477	106.3765401	106.329343	2.057552	106.334137	
110	163	1400	163.583333333	06/12/2010 14:00	06/12/2010 13:00	6.748	27.9502	106.3757829	106.328586	2.056790	106.333375	
110	163	1500	163.625000000	06/12/2010 15:00	06/12/2010 14:00	6.7498	27.9484	106.3763281	106.329131	2.057339	106.333924	
110	163	1600	163.666666667	06/12/2010 16:00	06/12/2010 15:00	6.7345	27.9636	106.3716945	106.324497	2.052676	106.329261	
110	163	1700	163.708333333	06/12/2010 17:00	06/12/2010 16:00	6.712	27.9860	106.3648804	106.317683	2.045818	106.322403	
110	163	1800	163.750000000	06/12/2010 18:00	06/12/2010 17:00	6.675	28.0227	106.3536749	106.306478	2.034540	106.311125	
110	163	1900	163.791666667	06/12/2010 19:00	06/12/2010 18:00	6.6285	28.0689	106.3395925	106.292395	2.020367	106.296952	
110	163	2000	163.833333333	06/12/2010 20:00	06/12/2010 19:00	6.5694	28.1276	106.3216941	106.274497	2.002353	106.278938	
110	163	2100	163.875000000	06/12/2010 21:00	06/12/2010 20:00	6.495	28.2016	106.2991621	106.251965	1.979676	106.256261	
110	163	2200	163.916666667	06/12/2010 22:00	06/12/2010 21:00	6.4279	28.2682	106.2788409	106.231644	1.959224	106.235809	
110	163	2300	163.958333333	06/12/2010 23:00	06/12/2010 22:00	6.3641	28.3316	106.2595191	106.212322	1.939778	106.216363	
110	164	0	164.000000000	06/13/2010 0:00	06/12/2010 23:00	6.2943	28.4010	106.2383802	106.191183	1.918503	106.195088	
110	164	100	164.041666667	06/13/2010 1:00	06/13/2010 0:00	6.2487	28.4463	106.2245703	106.177373	1.904604	106.181189	
110	164	200	164.083333333	06/13/2010 2:00	06/13/2010 1:00	6.1954	28.4993	106.2084284	106.161231	1.888358	106.164943	
110	164	300	164.125000000	06/13/2010 3:00	06/13/2010 2:00	6.1391	28.5552	106.191378	106.144181	1.871198	106.147783	
110	164	400	164.166666667	06/13/2010 4:00	06/13/2010 3:00	6.1085	28.5856	106.1821108	106.134914	1.861871	106.138456	
110	164	500	164.208333333	06/13/2010 5:00	06/13/2010 4:00	6.1335	28.5608	106.1896821	106.142485	1.869491	106.146076	
110	164	600	164.250000000	06/13/2010 6:00	06/13/2010 5:00	6.1131	28.5810	106.1835039	106.136307	1.863273	106.139858	
110	164	700	164.291666667	06/13/2010 7:00	06/13/2010 6:00	6.1033	28.5908	106.180536	106.133339	1.860286	106.136871	
110	164	800	164.333333333	06/13/2010 8:00	06/13/2010 7:00	6.1002	28.5938	106.1795972	106.132400	1.859341	106.135926	
110	164	900	164.375000000	06/13/2010 9:00	06/13/2010 8:00	6.1077	28.5864	106.1818685	106.134671	1.861627	106.138212	
110	164	1000	164.416666667	06/13/2010 10:00	06/13/2010 9:00	6.1179	28.5763	106.1849576	106.137761	1.864736	106.141321	
110	164	1100	164.458333333	06/13/2010 11:00	06/13/2010 10:00	6.129	28.5652	106.1883192	106.141122	1.868119	106.144704	
110	164	1200	164.500000000	06/13/2010 12:00	06/13/2010 11:00	6.1614	28.5330	106.1981316	106.150934	1.877995	106.154580	
110	164	1300	164.541666667	06/13/2010 13:00	06/13/2010 12:00	6.1903	28.5043	106.2068839	106.159687	1.886803	106.163388	
110	164	1400	164.583333333	06/13/2010 14:00	06/13/2010 13:00	6.2212	28.4736	106.2162419	106.169045	1.896222	106.172807	
110	164	1500	164.625000000	06/13/2010 15:00	06/13/2010 14:00	6.2523	28.4427	106.2256606	106.178463	1.905701	106.182286	
110	164	1600	164.666666667	06/13/2010 16:00	06/13/2010 15:00	6.2803	28.4149	106.2341403	106.186943	1.914235	106.190820	
110	164	1700	164.708333333	06/13/2010 17:00	06/13/2010 16:00	6.2943	28.4010	106.2383802	106.191183	1.918503	106.195088	
110	164	1800	164.750000000	06/13/2010 18:00	06/13/2010 17:00	6.2954	28.3999	106.2387134	106.191516	1.918838	106.195423	
110	164	1900	164.791666667	06/13/2010 19:00	06/13/2010 18:00	6.2984	28.3969	106.2396219	106.192425	1.919752	106.196337	
110	164	2000	164.833333333	06/13/2010 20:00	06/13/2010 19:00	6.2597	28.4354	106.2279016	106.180705	1.907957	106.184542	
110	164	2100	164.875000000	06/13/2010 21:00	06/13/2010 20:00	6.2252	28.4696	106.2174533	106.170256	1.897441	106.174026	
110	164	2200	164.916666667	06/13/2010 22:00	06/13/2010 21:00	6.2027	28.4920	106.2106392	106.163442	1.890583	106.167168	
110	164	2300	164.958333333	06/13/2010 23:00	06/13/2010 22:00	6.164	28.5304	106.198919	106.151722	1.878787	106.155372	
110	165	0	165.000000000	06/14/2010 0:00	06/13/2010 23:00	6.1315	28.5627	106.1890764	106.141879	1.868881	106.145466	
110	165	100	165.041666667	06/14/2010 1:00	06/14/2010 0:00	6.1119	28.5822	106.1831405	106.135943	1.862907	106.139492	
110	165	200	165.083333333	06/14/2010 2:00	06/14/2010 1:00	6.0843	28.6096	106.1747819	106.127585	1.854495	106.131080	
110	165	300	165.125000000	06/14/2010 3:00	06/14/2010 2:00	6.0572	28.6366	106.1665747	106.119378	1.846235	106.122820	
110	165	400	165.166666667	06/14/2010 4:00	06/14/2010 3:00	6.0288	28.6648	106.1579737	106.110777	1.837578	106.114163	
110	165	500	165.208333333	06/14/2010 5:00	06/14/2010 4:00	6.0595	28.6343	106.1672712	106.120074	1.846936	106.123521	
110	165	600	165.250000000	06/14/2010 6:00	06/14/2010 5:00	6.0266	28.6670	106.1573075	106.110110	1.836908	106.113493	
110	165	700	165.291666667	06/14/2010 7:00	06/14/2010 6:00	6.0004	28.6930	106.1493728	106.102176	1.828922	106.105507	
110	165	800	165.333333333	06/14/2010 8:00	06/14/2010 7:00	5.9906	28.7027	106.1464049	106.099208	1.825935	106.102520	
110	165	900	165.375000000	06/14/2010 9:00	06/14/2010 8:00	5.9987	28.6947	106.148858	106.101661	1.828404	106.104989	
110	165	1000	165.416666667	06/14/2010 10:00	06/14/2010 9:00	6.0234	28.6701	106.1563384	106.109141	1.835932	106.112517	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	165	1100	165.458333333	06/14/2010 11:00	06/14/2010 10:00	6.0745	28.6194	106.171814	106.124617	1.851508	106.128093	
110	165	1200	165.500000000	06/14/2010 12:00	06/14/2010 11:00	6.1271	28.5671	106.1877438	106.140547	1.867540	106.144125	
110	165	1300	165.541666667	06/14/2010 13:00	06/14/2010 12:00	6.1771	28.5174	106.2028863	106.155689	1.882780	106.159365	
110	165	1400	165.583333333	06/14/2010 14:00	06/14/2010 13:00	6.2424	28.4526	106.2226623	106.175465	1.902684	106.179269	
110	165	1500	165.625000000	06/14/2010 15:00	06/14/2010 14:00	6.2921	28.4032	106.237714	106.190517	1.917832	106.194417	
110	165	1600	165.666666667	06/14/2010 16:00	06/14/2010 15:00	6.3379	28.3577	106.2515845	106.204387	1.931792	106.208377	
110	165	1700	165.708333333	06/14/2010 17:00	06/14/2010 16:00	6.3774	28.3184	106.263547	106.216350	1.943832	106.220417	
110	165	1800	165.750000000	06/14/2010 18:00	06/14/2010 17:00	6.4043	28.2917	106.2716936	106.224497	1.952031	106.228616	
110	165	1900	165.791666667	06/14/2010 19:00	06/14/2010 18:00	6.4276	28.2685	106.27875	106.231553	1.959132	106.235718	
110	165	2000	165.833333333	06/14/2010 20:00	06/14/2010 19:00	6.4333	28.2629	106.2804763	106.233279	1.960870	106.237455	
110	165	2100	165.875000000	06/14/2010 21:00	06/14/2010 20:00	6.436	28.2602	106.281294	106.234097	1.961693	106.238278	
110	165	2200	165.916666667	06/14/2010 22:00	06/14/2010 21:00	6.4393	28.2569	106.2822934	106.235096	1.962699	106.239284	
110	165	2300	165.958333333	06/14/2010 23:00	06/14/2010 22:00	6.4431	28.2531	106.2834442	106.236247	1.963857	106.240442	
110	166	0	166.000000000	06/15/2010 0:00	06/14/2010 23:00	6.4486	28.2477	106.2851099	106.237913	1.965533	106.242118	
110	166	100	166.041666667	06/15/2010 1:00	06/15/2010 0:00	6.441	28.2552	106.2828082	106.235611	1.963217	106.239802	
110	166	200	166.083333333	06/15/2010 2:00	06/15/2010 1:00	6.4439	28.2523	106.2836865	106.236489	1.964101	106.240686	
110	166	300	166.125000000	06/15/2010 3:00	06/15/2010 2:00	6.4426	28.2536	106.2832928	106.236096	1.963704	106.240290	
110	166	400	166.166666667	06/15/2010 4:00	06/15/2010 3:00	6.4322	28.2640	106.2801431	106.232946	1.960535	106.237120	
110	166	500	166.208333333	06/15/2010 5:00	06/15/2010 4:00	6.4785	28.2180	106.2941651	106.246968	1.974647	106.251232	
110	166	600	166.250000000	06/15/2010 6:00	06/15/2010 5:00	6.472	28.2244	106.2921965	106.244999	1.972666	106.249251	
110	166	700	166.291666667	06/15/2010 7:00	06/15/2010 6:00	6.477	28.2195	106.2937108	106.246514	1.974190	106.250775	
110	166	800	166.333333333	06/15/2010 8:00	06/15/2010 7:00	6.4884	28.2081	106.2971633	106.249966	1.977664	106.254249	
110	166	900	166.375000000	06/15/2010 9:00	06/15/2010 8:00	6.5089	28.1878	106.3033717	106.256175	1.983913	106.260498	
110	166	1000	166.416666667	06/15/2010 10:00	06/15/2010 9:00	6.5419	28.1550	106.3133657	106.266169	1.993971	106.270556	
110	166	1100	166.458333333	06/15/2010 11:00	06/15/2010 10:00	6.5951	28.1021	106.3294773	106.282280	2.010186	106.286772	
110	166	1200	166.500000000	06/15/2010 12:00	06/15/2010 11:00	6.6471	28.0504	106.3452254	106.298028	2.026036	106.302621	
110	166	1300	166.541666667	06/15/2010 13:00	06/15/2010 12:00	6.7078	27.9901	106.3636084	106.316411	2.044537	106.321122	
110	166	1400	166.583333333	06/15/2010 14:00	06/15/2010 13:00	6.7738	27.9246	106.3835965	106.336399	2.064654	106.341239	
110	166	1500	166.625000000	06/15/2010 15:00	06/15/2010 14:00	6.8342	27.8645	106.4018885	106.354691	2.083064	106.359649	
110	166	1600	166.666666667	06/15/2010 16:00	06/15/2010 15:00	6.8717	27.8273	106.4132454	106.366048	2.094494	106.371079	
110	166	1700	166.708333333	06/15/2010 17:00	06/15/2010 16:00	6.9064	27.7928	106.4237543	106.376557	2.105071	106.381656	
110	166	1800	166.750000000	06/15/2010 18:00	06/15/2010 17:00	6.9413	27.7581	106.4343237	106.387127	2.115708	106.392293	
110	166	1900	166.791666667	06/15/2010 19:00	06/15/2010 18:00	6.9697	27.7299	106.4429246	106.395728	2.124365	106.400950	
110	166	2000	166.833333333	06/15/2010 20:00	06/15/2010 19:00	6.9722	27.7274	106.4436818	106.396485	2.125127	106.401712	
110	166	2100	166.875000000	06/15/2010 21:00	06/15/2010 20:00	6.967	27.7326	106.4421069	106.394910	2.123542	106.400127	
110	166	2200	166.916666667	06/15/2010 22:00	06/15/2010 21:00	6.9576	27.7419	106.4392602	106.392063	2.120676	106.397262	
110	166	2300	166.958333333	06/15/2010 23:00	06/15/2010 22:00	6.9496	27.7499	106.4368374	106.389640	2.118238	106.394823	
110	167	0	167.000000000	06/16/2010 0:00	06/15/2010 23:00	6.9373	27.7621	106.4331123	106.385915	2.114489	106.391074	
110	167	100	167.041666667	06/16/2010 1:00	06/16/2010 0:00	6.9385	27.7609	106.4334757	106.386279	2.114855	106.391440	
110	167	200	167.083333333	06/16/2010 2:00	06/16/2010 1:00	6.9355	27.7639	106.4325672	106.385370	2.113940	106.390525	
110	167	300	167.125000000	06/16/2010 3:00	06/16/2010 2:00	6.9352	27.7642	106.4324763	106.385279	2.113849	106.390434	
110	167	400	167.166666667	06/16/2010 4:00	06/16/2010 3:00	6.931	27.7684	106.4312044	106.384007	2.112569	106.389154	
110	167	500	167.208333333	06/16/2010 5:00	06/16/2010 4:00	6.9785	27.7212	106.4455897	106.398393	2.127047	106.403632	
110	167	600	167.250000000	06/16/2010 6:00	06/16/2010 5:00	6.9748	27.7248	106.4444692	106.397272	2.125919	106.402504	
110	167	700	167.291666667	06/16/2010 7:00	06/16/2010 6:00	6.989	27.7107	106.4487696	106.401573	2.130247	106.406832	
110	167	800	167.333333333	06/16/2010 8:00	06/16/2010 7:00	7.0106	27.6893	106.4553112	106.408114	2.136831	106.413416	
110	167	900	167.375000000	06/16/2010 9:00	06/16/2010 8:00	7.0479	27.6522	106.4666074	106.419410	2.148200	106.424785	
110	167	1000	167.416666667	06/16/2010 10:00	06/16/2010 9:00	7.0802	27.6201	106.4763895	106.429192	2.158045	106.434630	
110	167	1100	167.458333333	06/16/2010 11:00	06/16/2010 10:00	7.1263	27.5743	106.4903508	106.443154	2.172096	106.448681	
110	167	1200	167.500000000	06/16/2010 12:00	06/16/2010 11:00	7.1586	27.5422	106.5001329	106.452936	2.181941	106.458526	
110	167	1300	167.541666667	06/16/2010 13:00	06/16/2010 12:00	7.2005	27.5006	106.5128222	106.465625	2.194712	106.471297	
110	167	1400	167.583333333	06/16/2010 14:00	06/16/2010 13:00	7.231	27.4703	106.5220591	106.474862	2.204009	106.480594	
110	167	1500	167.625000000	06/16/2010 15:00	06/16/2010 14:00	7.2551	27.4463	106.5293578	106.482161	2.211354	106.487940	
110	167	1600	167.666666667	06/16/2010 16:00	06/16/2010 15:00	7.2799	27.4217	106.5368685	106.489671	2.218914	106.495499	
110	167	1700	167.708333333	06/16/2010 17:00	06/16/2010 16:00	7.3005	27.4012	106.5431072	106.495910	2.225192	106.501777	
110	167	1800	167.750000000	06/16/2010 18:00	06/16/2010 17:00	7.3217	27.3802	106.5495276	106.502330	2.231654	106.508239	
110	167	1900	167.791666667	06/16/2010 19:00	06/16/2010 18:00	7.3409	27.3611	106.5553423	106.508145	2.237506	106.514091	
110	167	2000	167.833333333	06/16/2010 20:00	06/16/2010 19:00	7.3337	27.3682	106.5531618	106.505965	2.235312	106.511897	
110	167	2100	167.875000000	06/16/2010 21:00	06/16/2010 20:00	7.3237	27.3782	106.5501333	106.502936	2.232264	106.508849	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	167	2200	167.916666667	06/16/2010 22:00	06/16/2010 21:00	7.3039	27.3978	106.5441369	106.496940	2.226229	106.502814	
110	167	2300	167.958333333	06/16/2010 23:00	06/16/2010 22:00	7.2712	27.4303	106.5342337	106.487037	2.216262	106.492847	
110	168	0	168.000000000	06/17/2010 0:00	06/16/2010 23:00	7.241	27.4603	106.5250876	106.477891	2.207057	106.483642	
110	168	100	168.041666667	06/17/2010 1:00	06/17/2010 0:00	7.2159	27.4853	106.5174861	106.470289	2.199406	106.475991	
110	168	200	168.083333333	06/17/2010 2:00	06/17/2010 1:00	7.1968	27.5043	106.5117017	106.464505	2.193585	106.470170	
110	168	300	168.125000000	06/17/2010 3:00	06/17/2010 2:00	7.1785	27.5224	106.5061596	106.458962	2.188007	106.464592	
110	168	400	168.166666667	06/17/2010 4:00	06/17/2010 3:00	7.1536	27.5472	106.4986186	106.451422	2.180417	106.457002	
110	168	500	168.208333333	06/17/2010 5:00	06/17/2010 4:00	7.1443	27.5564	106.4958021	106.448605	2.177583	106.454168	
110	168	600	168.250000000	06/17/2010 6:00	06/17/2010 5:00	7.2008	27.5003	106.5129131	106.465716	2.194804	106.471389	
110	168	700	168.291666667	06/17/2010 7:00	06/17/2010 6:00	7.1989	27.5022	106.5123377	106.465141	2.194225	106.470810	
110	168	800	168.333333333	06/17/2010 8:00	06/17/2010 7:00	7.2066	27.4945	106.5146696	106.467473	2.196572	106.473157	
110	168	900	168.375000000	06/17/2010 9:00	06/17/2010 8:00	7.2202	27.4810	106.5187884	106.471591	2.200717	106.477302	
110	168	1000	168.416666667	06/17/2010 10:00	06/17/2010 9:00	7.2345	27.4668	106.5231191	106.475922	2.205076	106.481661	
110	168	1100	168.458333333	06/17/2010 11:00	06/17/2010 10:00	7.2596	27.4419	106.5307206	106.483524	2.212726	106.489311	
110	168	1200	168.500000000	06/17/2010 12:00	06/17/2010 11:00	7.2802	27.4214	106.5369593	106.489762	2.219005	106.495590	
110	168	1300	168.541666667	06/17/2010 13:00	06/17/2010 12:00	7.2859	27.4157	106.5386856	106.491488	2.220742	106.497327	
110	168	1400	168.583333333	06/17/2010 14:00	06/17/2010 13:00	7.3043	27.3974	106.544258	106.497061	2.226351	106.502936	
110	168	1500	168.625000000	06/17/2010 15:00	06/17/2010 14:00	7.3066	27.3952	106.5449545	106.497757	2.227052	106.503637	
110	168	1600	168.666666667	06/17/2010 16:00	06/17/2010 15:00	7.3043	27.3974	106.544258	106.497061	2.226351	106.502936	
110	168	1700	168.708333333	06/17/2010 17:00	06/17/2010 16:00	7.3044	27.3973	106.5442883	106.497091	2.226381	106.502966	
110	168	1800	168.750000000	06/17/2010 18:00	06/17/2010 17:00	7.3039	27.3978	106.5441369	106.496940	2.226229	106.502814	
110	168	1900	168.791666667	06/17/2010 19:00	06/17/2010 18:00	7.2965	27.4052	106.5418958	106.494699	2.223973	106.500558	
110	168	2000	168.833333333	06/17/2010 20:00	06/17/2010 19:00	7.2675	27.4340	106.5331131	106.485916	2.215134	106.491719	
110	168	2100	168.875000000	06/17/2010 21:00	06/17/2010 20:00	7.2443	27.4571	106.526087	106.478890	2.208063	106.484648	
110	168	2200	168.916666667	06/17/2010 22:00	06/17/2010 21:00	7.228	27.4733	106.5211506	106.473953	2.203094	106.479679	
110	168	2300	168.958333333	06/17/2010 23:00	06/17/2010 22:00	7.2128	27.4884	106.5165473	106.469350	2.198461	106.475046	
110	169	0	169.000000000	06/18/2010 0:00	06/17/2010 23:00	7.2006	27.5005	106.5128525	106.465655	2.194743	106.471328	
110	169	100	169.041666667	06/18/2010 1:00	06/18/2010 0:00	7.192	27.5090	106.510248	106.463051	2.192122	106.468707	
110	169	200	169.083333333	06/18/2010 2:00	06/18/2010 1:00	7.1883	27.5127	106.5091275	106.461930	2.190994	106.467579	
110	169	300	169.125000000	06/18/2010 3:00	06/18/2010 2:00	7.2005	27.5006	106.5128222	106.465625	2.194712	106.471297	
110	169	400	169.166666667	06/18/2010 4:00	06/18/2010 3:00	7.2087	27.4924	106.5153056	106.468109	2.197212	106.473797	
110	169	500	169.208333333	06/18/2010 5:00	06/18/2010 4:00	7.2917	27.4100	106.5404421	106.493245	2.222510	106.499095	
110	169	600	169.250000000	06/18/2010 6:00	06/18/2010 5:00	7.3136	27.3882	106.5470745	106.499877	2.229185	106.505770	
110	169	700	169.291666667	06/18/2010 7:00	06/18/2010 6:00	7.3343	27.3676	106.5533435	106.506146	2.235495	106.512080	
110	169	800	169.333333333	06/18/2010 8:00	06/18/2010 7:00	7.3632	27.3389	106.5620958	106.514899	2.244303	106.520888	
110	169	900	169.375000000	06/18/2010 9:00	06/18/2010 8:00	7.397	27.3053	106.5723321	106.525135	2.254606	106.531191	
110	169	1000	169.416666667	06/18/2010 10:00	06/18/2010 9:00	7.4318	27.2708	106.5828713	106.535674	2.265213	106.541798	
110	169	1100	169.458333333	06/18/2010 11:00	06/18/2010 10:00	7.4708	27.2320	106.5946824	106.547485	2.277100	106.553685	
110	169	1200	169.500000000	06/18/2010 12:00	06/18/2010 11:00	7.5058	27.1972	106.6052821	106.558085	2.287768	106.564353	
110	169	1300	169.541666667	06/18/2010 13:00	06/18/2010 12:00	7.5354	27.1678	106.6142465	106.567049	2.296790	106.573375	
110	169	1400	169.583333333	06/18/2010 14:00	06/18/2010 13:00	7.5656	27.1378	106.6233925	106.576195	2.305995	106.582580	
110	169	1500	169.625000000	06/18/2010 15:00	06/18/2010 14:00	7.5863	27.1173	106.6296615	106.582464	2.312304	106.588889	
110	169	1600	169.666666667	06/18/2010 16:00	06/18/2010 15:00	7.5978	27.1058	106.6331443	106.585947	2.315809	106.592394	
110	169	1700	169.708333333	06/18/2010 17:00	06/18/2010 16:00	7.5996	27.1040	106.6336894	106.586492	2.316358	106.592943	
110	169	1800	169.750000000	06/18/2010 18:00	06/18/2010 17:00	7.593	27.1106	106.6316906	106.584493	2.314346	106.590931	
110	169	1900	169.791666667	06/18/2010 19:00	06/18/2010 18:00	7.5717	27.1318	106.6252399	106.578043	2.307854	106.584439	
110	169	2000	169.833333333	06/18/2010 20:00	06/18/2010 19:00	7.5085	27.1946	106.6060998	106.558903	2.288591	106.565176	
110	169	2100	169.875000000	06/18/2010 21:00	06/18/2010 20:00	7.4569	27.2458	106.5904728	106.543276	2.272863	106.549448	
110	169	2200	169.916666667	06/18/2010 22:00	06/18/2010 21:00	7.3948	27.3075	106.5716659	106.524469	2.253935	106.530520	
110	169	2300	169.958333333	06/18/2010 23:00	06/18/2010 22:00	7.3385	27.3635	106.5546154	106.507418	2.236775	106.513360	
110	170	0	170.000000000	06/19/2010 0:00	06/18/2010 23:00	7.2978	27.4039	106.5422895	106.495092	2.224369	106.500954	
110	170	100	170.041666667	06/19/2010 1:00	06/19/2010 0:00	7.259	27.4425	106.5305389	106.483342	2.212543	106.489128	
110	170	200	170.083333333	06/19/2010 2:00	06/19/2010 1:00	7.2326	27.4687	106.5225437	106.475347	2.204496	106.481082	
110	170	300	170.125000000	06/19/2010 3:00	06/19/2010 2:00	7.2105	27.4906	106.5158507	106.468654	2.197760	106.474345	
110	170	400	170.166666667	06/19/2010 4:00	06/19/2010 3:00	7.2024	27.4987	106.5133977	106.466201	2.195292	106.471877	
110	170	500	170.208333333	06/19/2010 5:00	06/19/2010 4:00	7.2709	27.4306	106.5341428	106.486946	2.216170	106.492755	
110	170	600	170.250000000	06/19/2010 6:00	06/19/2010 5:00	7.2843	27.4173	106.538201	106.491004	2.220255	106.496840	
110	170	700	170.291666667	06/19/2010 7:00	06/19/2010 6:00	7.2961	27.4056	106.5417746	106.494578	2.223851	106.500436	
110	170	800	170.333333333	06/19/2010 8:00	06/19/2010 7:00	7.3163	27.3855	106.5478922	106.500695	2.230008	106.506593	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	170	900	170.375000000	06/19/2010 9:00	06/19/2010 8:00	7.3368	27.3652	106.5541006	106.506903	2.236257	106.512842	
110	170	1000	170.416666667	06/19/2010 10:00	06/19/2010 9:00	7.3454	27.3566	106.5567051	106.509508	2.238878	106.515463	
110	170	1100	170.458333333	06/19/2010 11:00	06/19/2010 10:00	7.3465	27.3555	106.5570382	106.509841	2.239213	106.515798	
110	170	1200	170.500000000	06/19/2010 12:00	06/19/2010 11:00	7.3442	27.3578	106.5563417	106.509145	2.238512	106.515097	
110	170	1300	170.541666667	06/19/2010 13:00	06/19/2010 12:00	7.3435	27.3585	106.5561297	106.508933	2.238299	106.514884	
110	170	1400	170.583333333	06/19/2010 14:00	06/19/2010 13:00	7.3351	27.3668	106.5535858	106.506389	2.235738	106.512324	
110	170	1500	170.625000000	06/19/2010 15:00	06/19/2010 14:00	7.336	27.3660	106.5538583	106.506661	2.236013	106.512598	
110	170	1600	170.666666667	06/19/2010 16:00	06/19/2010 15:00	7.3381	27.3639	106.5544943	106.507297	2.236653	106.513238	
110	170	1700	170.708333333	06/19/2010 17:00	06/19/2010 16:00	7.3448	27.3572	106.5565234	106.509326	2.238695	106.515280	
110	170	1800	170.750000000	06/19/2010 18:00	06/19/2010 17:00	7.3429	27.3591	106.555948	106.508751	2.238116	106.514701	
110	170	1900	170.791666667	06/19/2010 19:00	06/19/2010 18:00	7.3038	27.3979	106.5441066	106.496909	2.226198	106.502783	
110	170	2000	170.833333333	06/19/2010 20:00	06/19/2010 19:00	7.2903	27.4114	106.5400181	106.492821	2.222083	106.498668	
110	170	2100	170.875000000	06/19/2010 21:00	06/19/2010 20:00	7.2816	27.4200	106.5373833	106.490186	2.219432	106.496017	
110	170	2200	170.916666667	06/19/2010 22:00	06/19/2010 21:00	7.2843	27.4173	106.538201	106.491004	2.220255	106.496840	
110	170	2300	170.958333333	06/19/2010 23:00	06/19/2010 22:00	7.2994	27.4023	106.542774	106.495577	2.224857	106.501442	
110	171	0	171.000000000	06/20/2010 0:00	06/19/2010 23:00	7.3121	27.3897	106.5466202	106.499423	2.228728	106.505313	
110	171	100	171.041666667	06/20/2010 1:00	06/20/2010 0:00	7.3513	27.3507	106.5584919	106.511295	2.240676	106.517261	
110	171	200	171.083333333	06/20/2010 2:00	06/20/2010 1:00	7.357	27.3451	106.5602182	106.513021	2.242414	106.518999	
110	171	300	171.125000000	06/20/2010 3:00	06/20/2010 2:00	7.404	27.2984	106.5744521	106.527255	2.256739	106.533324	
110	171	400	171.166666667	06/20/2010 4:00	06/20/2010 3:00	7.4004	27.3020	106.5733618	106.526165	2.255642	106.532227	
110	171	500	171.208333333	06/20/2010 5:00	06/20/2010 4:00	7.4322	27.2704	106.5829924	106.535795	2.265335	106.541920	
110	171	600	171.250000000	06/20/2010 6:00	06/20/2010 5:00	7.5205	27.1826	106.609734	106.562537	2.292248	106.568833	
110	171	700	171.291666667	06/20/2010 7:00	06/20/2010 6:00	7.5231	27.1800	106.6105214	106.563324	2.293041	106.569626	
110	171	800	171.333333333	06/20/2010 8:00	06/20/2010 7:00	7.5162	27.1869	106.6084318	106.561235	2.290938	106.567523	
110	171	900	171.375000000	06/20/2010 9:00	06/20/2010 8:00	7.4934	27.2096	106.6015268	106.554330	2.283988	106.560573	
110	171	1000	171.416666667	06/20/2010 10:00	06/20/2010 9:00	7.451	27.2517	106.588686	106.541489	2.271065	106.547650	
110	171	1100	171.458333333	06/20/2010 11:00	06/20/2010 10:00	7.3864	27.3159	106.5691219	106.521925	2.251375	106.527960	
110	171	1200	171.500000000	06/20/2010 12:00	06/20/2010 11:00	7.3206	27.3813	106.5491944	106.501997	2.231319	106.507904	
110	171	1300	171.541666667	06/20/2010 13:00	06/20/2010 12:00	7.2416	27.4597	106.5252693	106.478072	2.207240	106.483825	
110	171	1400	171.583333333	06/20/2010 14:00	06/20/2010 13:00	7.1616	27.5392	106.5010414	106.453844	2.182856	106.459441	
110	171	1500	171.625000000	06/20/2010 15:00	06/20/2010 14:00	7.1041	27.5964	106.4836276	106.436430	2.165330	106.441915	
110	171	1600	171.666666667	06/20/2010 16:00	06/20/2010 15:00	7.0589	27.6413	106.4699388	106.422742	2.151553	106.428138	
110	171	1700	171.708333333	06/20/2010 17:00	06/20/2010 16:00	7.0303	27.6697	106.4612773	106.414080	2.142835	106.419420	
110	171	1800	171.750000000	06/20/2010 18:00	06/20/2010 17:00	7.0193	27.6806	106.457946	106.410749	2.139483	106.416068	
110	171	1900	171.791666667	06/20/2010 19:00	06/20/2010 18:00	7.0164	27.6835	106.4570677	106.409871	2.138599	106.415184	
110	171	2000	171.833333333	06/20/2010 20:00	06/20/2010 19:00	6.9888	27.7109	106.448709	106.401512	2.130186	106.406771	
110	171	2100	171.875000000	06/20/2010 21:00	06/20/2010 20:00	6.9873	27.7124	106.4482548	106.401058	2.129729	106.406314	
110	171	2200	171.916666667	06/20/2010 22:00	06/20/2010 21:00	6.967	27.7326	106.4421069	106.394910	2.123542	106.400127	
110	171	2300	171.958333333	06/20/2010 23:00	06/20/2010 22:00	7.0102	27.6897	106.45519	106.407993	2.136709	106.413294	
110	172	0	172.000000000	06/21/2010 0:00	06/20/2010 23:00	7.0324	27.6676	106.4619133	106.414716	2.143476	106.420061	
110	172	100	172.041666667	06/21/2010 1:00	06/21/2010 0:00	7.0531	27.6470	106.4681823	106.420985	2.149785	106.426370	
110	172	200	172.083333333	06/21/2010 2:00	06/21/2010 1:00	7.0739	27.6264	106.4744815	106.427284	2.156125	106.432710	
110	172	300	172.125000000	06/21/2010 3:00	06/21/2010 2:00	7.1229	27.5777	106.4893211	106.442124	2.171060	106.447645	
110	172	400	172.166666667	06/21/2010 4:00	06/21/2010 3:00	7.1404	27.5603	106.494621	106.447424	2.176394	106.452979	
110	172	500	172.208333333	06/21/2010 5:00	06/21/2010 4:00	7.2799	27.4217	106.5368685	106.489671	2.218914	106.495499	
110	172	600	172.250000000	06/21/2010 6:00	06/21/2010 5:00	7.3177	27.3841	106.5483162	106.501119	2.230435	106.507020	
110	172	700	172.291666667	06/21/2010 7:00	06/21/2010 6:00	7.3588	27.3433	106.5607633	106.513566	2.242962	106.519547	
110	172	800	172.333333333	06/21/2010 8:00	06/21/2010 7:00	7.3956	27.3067	106.5719081	106.524711	2.254179	106.530764	
110	172	900	172.375000000	06/21/2010 9:00	06/21/2010 8:00	7.4352	27.2674	106.583901	106.536704	2.266249	106.542834	
110	172	1000	172.416666667	06/21/2010 10:00	06/21/2010 9:00	7.4658	27.2370	106.5931682	106.545971	2.275576	106.552161	
110	172	1100	172.458333333	06/21/2010 11:00	06/21/2010 10:00	7.4911	27.2118	106.6008302	106.553633	2.283287	106.559872	
110	172	1200	172.500000000	06/21/2010 12:00	06/21/2010 11:00	7.5156	27.1875	106.60825	106.561053	2.290755	106.567340	
110	172	1300	172.541666667	06/21/2010 13:00	06/21/2010 12:00	7.5243	27.1789	106.6108848	106.563688	2.293407	106.569992	
110	172	1400	172.583333333	06/21/2010 14:00	06/21/2010 13:00	7.5278	27.1754	106.6119448	106.564748	2.294473	106.571058	
110	172	1500	172.625000000	06/21/2010 15:00	06/21/2010 14:00	7.5247	27.1785	106.611006	106.563809	2.293529	106.570114	
110	172	1600	172.666666667	06/21/2010 16:00	06/21/2010 15:00	7.5092	27.1939	106.6063118	106.559115	2.288804	106.565389	
110	172	1700	172.708333333	06/21/2010 17:00	06/21/2010 16:00	7.4843	27.2186	106.5987709	106.551574	2.281215	106.557800	
110	172	1800	172.750000000	06/21/2010 18:00	06/21/2010 17:00	7.4553	27.2474	106.5899882	106.542791	2.272375	106.548960	
110	172	1900	172.791666667	06/21/2010 19:00	06/21/2010 18:00	7.4237	27.2788	106.5804182	106.533221	2.262744	106.539329	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	172	2000	172.833333333	06/21/2010 20:00	06/21/2010 19:00	7.3272	27.3747	106.5511932	106.503996	2.233331	106.509916	
110	172	2100	172.875000000	06/21/2010 21:00	06/21/2010 20:00	7.2954	27.4063	106.5415626	106.494366	2.223638	106.500223	
110	172	2200	172.916666667	06/21/2010 22:00	06/21/2010 21:00	7.2597	27.4418	106.5307509	106.483554	2.212757	106.489342	
110	172	2300	172.958333333	06/21/2010 23:00	06/21/2010 22:00	7.2522	27.4492	106.5284795	106.481282	2.210471	106.487056	
110	173	0	173.000000000	06/22/2010 0:00	06/21/2010 23:00	7.208	27.4931	106.5150936	106.467897	2.196998	106.473583	
110	173	100	173.041666667	06/22/2010 1:00	06/22/2010 0:00	7.2188	27.4824	106.5183644	106.471167	2.200290	106.476875	
110	173	200	173.083333333	06/22/2010 2:00	06/22/2010 1:00	7.214	27.4872	106.5169107	106.469714	2.198827	106.475412	
110	173	300	173.125000000	06/22/2010 3:00	06/22/2010 2:00	7.2446	27.4568	106.5261779	106.478981	2.208154	106.484739	
110	173	400	173.166666667	06/22/2010 4:00	06/22/2010 3:00	7.2579	27.4436	106.5302058	106.483009	2.212208	106.488793	
110	173	500	173.208333333	06/22/2010 5:00	06/22/2010 4:00	7.3798	27.3224	106.5671231	106.519926	2.249363	106.525948	
110	173	600	173.250000000	06/22/2010 6:00	06/22/2010 5:00	7.433	27.2696	106.5832347	106.536038	2.265578	106.542163	
110	173	700	173.291666667	06/22/2010 7:00	06/22/2010 6:00	7.4994	27.2036	106.6033439	106.556147	2.285817	106.562402	
110	173	800	173.333333333	06/22/2010 8:00	06/22/2010 7:00	7.5732	27.1303	106.6256942	106.578497	2.308311	106.584896	
110	173	900	173.375000000	06/22/2010 9:00	06/22/2010 8:00	7.6437	27.0602	106.647045	106.599848	2.329800	106.606385	
110	173	1000	173.416666667	06/22/2010 10:00	06/22/2010 9:00	7.7028	27.0015	106.6649434	106.617746	2.347813	106.624398	
110	173	1100	173.458333333	06/22/2010 11:00	06/22/2010 10:00	7.7572	26.9474	106.6814184	106.634221	2.364395	106.640980	
110	173	1200	173.500000000	06/22/2010 12:00	06/22/2010 11:00	7.8122	26.8928	106.6980751	106.650878	2.381159	106.657744	
110	173	1300	173.541666667	06/22/2010 13:00	06/22/2010 12:00	7.8605	26.8448	106.7127028	106.665506	2.395880	106.672465	
110	173	1400	173.583333333	06/22/2010 14:00	06/22/2010 13:00	7.9016	26.8040	106.7251499	106.677953	2.408408	106.684993	
110	173	1500	173.625000000	06/22/2010 15:00	06/22/2010 14:00	7.9305	26.7753	106.7339022	106.686705	2.417216	106.693801	
110	173	1600	173.666666667	06/22/2010 16:00	06/22/2010 15:00	7.9535	26.7524	106.7408677	106.693671	2.424227	106.700812	
110	173	1700	173.708333333	06/22/2010 17:00	06/22/2010 16:00	7.9723	26.7337	106.7465613	106.699364	2.429957	106.706542	
110	173	1800	173.750000000	06/22/2010 18:00	06/22/2010 17:00	7.9883	26.7178	106.7514069	106.704210	2.434834	106.711419	
110	173	1900	173.791666667	06/22/2010 19:00	06/22/2010 18:00	8.004	26.7022	106.7561616	106.708965	2.439619	106.716204	
110	173	2000	173.833333333	06/22/2010 20:00	06/22/2010 19:00	7.9802	26.7259	106.7489538	106.701757	2.432365	106.708950	
110	173	2100	173.875000000	06/22/2010 21:00	06/22/2010 20:00	7.9693	26.7367	106.7456528	106.698456	2.429043	106.705628	
110	173	2200	173.916666667	06/22/2010 22:00	06/22/2010 21:00	8.001	26.7052	106.7552531	106.708056	2.438705	106.715290	
110	173	2300	173.958333333	06/22/2010 23:00	06/22/2010 22:00	8.067	26.6396	106.7752411	106.728044	2.458822	106.735407	
110	174	0	174.000000000	06/23/2010 0:00	06/22/2010 23:00	8.055	26.6516	106.771607	106.724410	2.455164	106.731749	
110	174	100	174.041666667	06/23/2010 1:00	06/23/2010 0:00	8.107	26.5999	106.7873551	106.740158	2.471014	106.747599	
110	174	200	174.083333333	06/23/2010 2:00	06/23/2010 1:00	8.131	26.5760	106.7946235	106.747426	2.478329	106.754914	
110	174	300	174.125000000	06/23/2010 3:00	06/23/2010 2:00	8.153	26.5542	106.8012862	106.754089	2.485034	106.761619	
110	174	400	174.166666667	06/23/2010 4:00	06/23/2010 3:00	8.163	26.5442	106.8043147	106.757118	2.488082	106.764667	
110	174	500	174.208333333	06/23/2010 5:00	06/23/2010 4:00	8.238	26.4697	106.8270284	106.779831	2.510942	106.787527	
110	174	600	174.250000000	06/23/2010 6:00	06/23/2010 5:00	8.235	26.4727	106.8261198	106.778923	2.510028	106.786613	
110	174	700	174.291666667	06/23/2010 7:00	06/23/2010 6:00	8.227	26.4807	106.823697	106.776500	2.507590	106.784175	
110	174	800	174.333333333	06/23/2010 8:00	06/23/2010 7:00	8.223	26.4846	106.8224856	106.775289	2.506370	106.782955	
110	174	900	174.375000000	06/23/2010 9:00	06/23/2010 8:00	8.219	26.4886	106.8212742	106.774077	2.505151	106.781736	
110	174	1000	174.416666667	06/23/2010 10:00	06/23/2010 9:00	8.197	26.5105	106.8146115	106.767414	2.498446	106.775031	
110	174	1100	174.458333333	06/23/2010 11:00	06/23/2010 10:00	8.172	26.5353	106.8070403	106.759843	2.490826	106.767411	
110	174	1200	174.500000000	06/23/2010 12:00	06/23/2010 11:00	8.133	26.5741	106.7952292	106.748032	2.478938	106.755523	
110	174	1300	174.541666667	06/23/2010 13:00	06/23/2010 12:00	8.095	26.6118	106.7837209	106.736524	2.467356	106.743941	
110	174	1400	174.583333333	06/23/2010 14:00	06/23/2010 13:00	8.049	26.6575	106.7697899	106.722593	2.453335	106.729920	
110	174	1500	174.625000000	06/23/2010 15:00	06/23/2010 14:00	8.011	26.6953	106.7582816	106.711084	2.441753	106.718338	
110	174	1600	174.666666667	06/23/2010 16:00	06/23/2010 15:00	7.985	26.7211	106.7504075	106.703210	2.433828	106.710413	
110	174	1700	174.708333333	06/23/2010 17:00	06/23/2010 16:00	7.9747	26.7313	106.7472882	106.700091	2.430689	106.707274	
110	174	1800	174.750000000	06/23/2010 18:00	06/23/2010 17:00	7.9763	26.7297	106.7477727	106.700576	2.431176	106.707761	
110	174	1900	174.791666667	06/23/2010 19:00	06/23/2010 18:00	7.9896	26.7165	106.7518006	106.704604	2.435230	106.711815	
110	174	2000	174.833333333	06/23/2010 20:00	06/23/2010 19:00	7.9382	26.7676	106.7362342	106.689037	2.419563	106.696148	
110	174	2100	174.875000000	06/23/2010 21:00	06/23/2010 20:00	7.9772	26.7289	106.7480453	106.700848	2.431451	106.708036	
110	174	2200	174.916666667	06/23/2010 22:00	06/23/2010 21:00	7.9943	26.7119	106.753224	106.706027	2.436663	106.713248	
110	174	2300	174.958333333	06/23/2010 23:00	06/23/2010 22:00	8.019	26.6873	106.7607044	106.713507	2.444191	106.720776	
110	175	0	175.000000000	06/24/2010 0:00	06/23/2010 23:00	8.019	26.6873	106.7607044	106.713507	2.444191	106.720776	
110	175	100	175.041666667	06/24/2010 1:00	06/24/2010 0:00	8.038	26.6684	106.7664585	106.719261	2.449982	106.726567	
110	175	200	175.083333333	06/24/2010 2:00	06/24/2010 1:00	8.063	26.6436	106.7740297	106.726833	2.457602	106.734187	
110	175	300	175.125000000	06/24/2010 3:00	06/24/2010 2:00	8.092	26.6148	106.7828124	106.735615	2.466442	106.743027	
110	175	400	175.166666667	06/24/2010 4:00	06/24/2010 3:00	8.123	26.5840	106.7922007	106.745004	2.475890	106.752475	
110	175	500	175.208333333	06/24/2010 5:00	06/24/2010 4:00	8.254	26.4538	106.831874	106.784677	2.515819	106.792404	
110	175	600	175.250000000	06/24/2010 6:00	06/24/2010 5:00	8.283	26.4250	106.8406566	106.793459	2.524658	106.801243	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	175	700	175.291666667	06/24/2010 7:00	06/24/2010 6:00	8.318	26.3902	106.8512563	106.804059	2.535326	106.811911	
110	175	800	175.333333333	06/24/2010 8:00	06/24/2010 7:00	8.348	26.3604	106.8603418	106.813145	2.544470	106.821055	
110	175	900	175.375000000	06/24/2010 9:00	06/24/2010 8:00	8.377	26.3316	106.8691244	106.821927	2.553310	106.829895	
110	175	1000	175.416666667	06/24/2010 10:00	06/24/2010 9:00	8.408	26.3008	106.8785127	106.831316	2.562758	106.839343	
110	175	1100	175.458333333	06/24/2010 11:00	06/24/2010 10:00	8.43	26.2790	106.8851754	106.837978	2.569464	106.846049	
110	175	1200	175.500000000	06/24/2010 12:00	06/24/2010 11:00	8.441	26.2680	106.8885068	106.841310	2.572817	106.849402	
110	175	1300	175.541666667	06/24/2010 13:00	06/24/2010 12:00	8.449	26.2601	106.8909296	106.843732	2.575255	106.851840	
110	175	1400	175.583333333	06/24/2010 14:00	06/24/2010 13:00	8.454	26.2551	106.8924438	106.845247	2.576779	106.853364	
110	175	1500	175.625000000	06/24/2010 15:00	06/24/2010 14:00	8.446	26.2631	106.890021	106.842824	2.574341	106.850926	
110	175	1600	175.666666667	06/24/2010 16:00	06/24/2010 15:00	8.437	26.2720	106.8872954	106.840098	2.571598	106.848183	
110	175	1700	175.708333333	06/24/2010 17:00	06/24/2010 16:00	8.427	26.2819	106.8842669	106.837070	2.568550	106.845135	
110	175	1800	175.750000000	06/24/2010 18:00	06/24/2010 17:00	8.416	26.2929	106.8809355	106.833738	2.565197	106.841782	
110	175	1900	175.791666667	06/24/2010 19:00	06/24/2010 18:00	8.407	26.3018	106.8782099	106.831013	2.562454	106.839039	
110	175	2000	175.833333333	06/24/2010 20:00	06/24/2010 19:00	8.323	26.3853	106.8527706	106.805573	2.536850	106.813435	
110	175	2100	175.875000000	06/24/2010 21:00	06/24/2010 20:00	8.319	26.3892	106.8515592	106.804362	2.535631	106.812216	
110	175	2200	175.916666667	06/24/2010 22:00	06/24/2010 21:00	8.31	26.3982	106.8488335	106.801636	2.532888	106.809473	
110	175	2300	175.958333333	06/24/2010 23:00	06/24/2010 22:00	8.316	26.3922	106.8506506	106.803454	2.534717	106.811302	
110	176	0	176.000000000	06/25/2010 0:00	06/24/2010 23:00	8.302	26.4061	106.8464107	106.799214	2.530450	106.807035	
110	176	100	176.041666667	06/25/2010 1:00	06/25/2010 0:00	8.313	26.3952	106.8497421	106.802545	2.533802	106.810387	
110	176	200	176.083333333	06/25/2010 2:00	06/25/2010 1:00	8.321	26.3873	106.8521649	106.804968	2.536241	106.812826	
110	176	300	176.125000000	06/25/2010 3:00	06/25/2010 2:00	8.306	26.4022	106.8476221	106.800425	2.531669	106.808254	
110	176	400	176.166666667	06/25/2010 4:00	06/25/2010 3:00	8.319	26.3892	106.8515592	106.804362	2.535631	106.812216	
110	176	500	176.208333333	06/25/2010 5:00	06/25/2010 4:00	8.403	26.3058	106.8769985	106.829801	2.561234	106.837819	
110	176	600	176.250000000	06/25/2010 6:00	06/25/2010 5:00	8.401	26.3078	106.8763928	106.829196	2.560625	106.837210	
110	176	700	176.291666667	06/25/2010 7:00	06/25/2010 6:00	8.408	26.3008	106.8785127	106.831316	2.562758	106.839343	
110	176	800	176.333333333	06/25/2010 8:00	06/25/2010 7:00	8.41	26.2988	106.8791184	106.831921	2.563368	106.839953	
110	176	900	176.375000000	06/25/2010 9:00	06/25/2010 8:00	8.407	26.3018	106.8782099	106.831013	2.562454	106.839039	
110	176	1000	176.416666667	06/25/2010 10:00	06/25/2010 9:00	8.392	26.3167	106.8736672	106.826470	2.557882	106.834467	
110	176	1100	176.458333333	06/25/2010 11:00	06/25/2010 10:00	8.38	26.3286	106.870033	106.822836	2.554224	106.830809	
110	176	1200	176.500000000	06/25/2010 12:00	06/25/2010 11:00	8.363	26.3455	106.8648845	106.817687	2.549042	106.825627	
110	176	1300	176.541666667	06/25/2010 13:00	06/25/2010 12:00	8.35	26.3584	106.8609475	106.813750	2.545080	106.821665	
110	176	1400	176.583333333	06/25/2010 14:00	06/25/2010 13:00	8.331	26.3773	106.8551934	106.807996	2.539289	106.815874	
110	176	1500	176.625000000	06/25/2010 15:00	06/25/2010 14:00	8.313	26.3952	106.8497421	106.802545	2.533802	106.810387	
110	176	1600	176.666666667	06/25/2010 16:00	06/25/2010 15:00	8.288	26.4200	106.8421708	106.794974	2.526182	106.802767	
110	176	1700	176.708333333	06/25/2010 17:00	06/25/2010 16:00	8.263	26.4449	106.8345996	106.787402	2.518562	106.795147	
110	176	1800	176.750000000	06/25/2010 18:00	06/25/2010 17:00	8.241	26.4667	106.8279369	106.780740	2.511857	106.788442	
110	176	1900	176.791666667	06/25/2010 19:00	06/25/2010 18:00	8.223	26.4846	106.8224856	106.775289	2.506370	106.782955	
110	176	2000	176.833333333	06/25/2010 20:00	06/25/2010 19:00	8.134	26.5731	106.795532	106.748335	2.479243	106.755828	
110	176	2100	176.875000000	06/25/2010 21:00	06/25/2010 20:00	8.123	26.5840	106.7922007	106.745004	2.475890	106.752475	
110	176	2200	176.916666667	06/25/2010 22:00	06/25/2010 21:00	8.126	26.5810	106.7931092	106.745912	2.476805	106.753390	
110	176	2300	176.958333333	06/25/2010 23:00	06/25/2010 22:00	8.147	26.5601	106.7994691	106.752272	2.483206	106.759791	
110	177	0	177.000000000	06/26/2010 0:00	06/25/2010 23:00	8.191	26.5164	106.8127945	106.765597	2.496617	106.773202	
110	177	100	177.041666667	06/26/2010 1:00	06/26/2010 0:00	8.21	26.4975	106.8185486	106.771351	2.502408	106.778993	
110	177	200	177.083333333	06/26/2010 2:00	06/26/2010 1:00	8.249	26.4588	106.8303597	106.783163	2.514295	106.790880	
110	177	300	177.125000000	06/26/2010 3:00	06/26/2010 2:00	8.28	26.4280	106.839748	106.792551	2.523744	106.800329	
110	177	400	177.166666667	06/26/2010 4:00	06/26/2010 3:00	8.32	26.3882	106.851862	106.804665	2.535936	106.812521	
110	177	500	177.208333333	06/26/2010 5:00	06/26/2010 4:00	8.416	26.2929	106.8809355	106.833738	2.565197	106.841782	
110	177	600	177.250000000	06/26/2010 6:00	06/26/2010 5:00	8.433	26.2760	106.886084	106.838887	2.570378	106.846963	
110	177	700	177.291666667	06/26/2010 7:00	06/26/2010 6:00	8.447	26.2621	106.8903239	106.843127	2.574646	106.851231	
110	177	800	177.333333333	06/26/2010 8:00	06/26/2010 7:00	8.458	26.2511	106.8936552	106.846458	2.577998	106.854583	
110	177	900	177.375000000	06/26/2010 9:00	06/26/2010 8:00	8.464	26.2452	106.8954723	106.848275	2.579827	106.856412	
110	177	1000	177.416666667	06/26/2010 10:00	06/26/2010 9:00	8.472	26.2372	106.8978951	106.850698	2.582266	106.858851	
110	177	1100	177.458333333	06/26/2010 11:00	06/26/2010 10:00	8.485	26.2243	106.9018321	106.854635	2.586228	106.862813	
110	177	1200	177.500000000	06/26/2010 12:00	06/26/2010 11:00	8.5	26.2094	106.9063749	106.859178	2.590800	106.867385	
110	177	1300	177.541666667	06/26/2010 13:00	06/26/2010 12:00	8.512	26.1975	106.9100091	106.862812	2.594458	106.871043	
110	177	1400	177.583333333	06/26/2010 14:00	06/26/2010 13:00	8.527	26.1826	106.9145518	106.867355	2.599030	106.875615	
110	177	1500	177.625000000	06/26/2010 15:00	06/26/2010 14:00	8.529	26.1806	106.9151575	106.867960	2.599639	106.876224	
110	177	1600	177.666666667	06/26/2010 16:00	06/26/2010 15:00	8.525	26.1846	106.9139461	106.866749	2.598420	106.875005	
110	177	1700	177.708333333	06/26/2010 17:00	06/26/2010 16:00	8.507	26.2024	106.9084948	106.861298	2.592934	106.869519	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	177	1800	177.750000000	06/26/2010 18:00	06/26/2010 17:00	8.484	26.2253	106.9015293	106.854332	2.585923	106.862508	
110	177	1900	177.791666667	06/26/2010 19:00	06/26/2010 18:00	8.457	26.2521	106.8933524	106.846155	2.577694	106.854279	
110	177	2000	177.833333333	06/26/2010 20:00	06/26/2010 19:00	8.348	26.3604	106.8603418	106.813145	2.544470	106.821055	
110	177	2100	177.875000000	06/26/2010 21:00	06/26/2010 20:00	8.328	26.3803	106.8542848	106.807088	2.538374	106.814959	
110	177	2200	177.916666667	06/26/2010 22:00	06/26/2010 21:00	8.298	26.4101	106.8451993	106.798002	2.529230	106.805815	
110	177	2300	177.958333333	06/26/2010 23:00	06/26/2010 22:00	8.249	26.4588	106.8303597	106.783163	2.514295	106.790880	
110	178	0	178.000000000	06/27/2010 0:00	06/26/2010 23:00	8.231	26.4767	106.8249084	106.777711	2.508809	106.785394	
110	178	100	178.041666667	06/27/2010 1:00	06/27/2010 0:00	8.159	26.5482	106.8031033	106.755906	2.486863	106.763448	
110	178	200	178.083333333	06/27/2010 2:00	06/27/2010 1:00	8.13	26.5770	106.7943206	106.747124	2.478024	106.754609	
110	178	300	178.125000000	06/27/2010 3:00	06/27/2010 2:00	8.106	26.6009	106.7870523	106.739855	2.470709	106.747294	
110	178	400	178.166666667	06/27/2010 4:00	06/27/2010 3:00	8.065	26.6416	106.7746354	106.727438	2.458212	106.734797	
110	178	500	178.208333333	06/27/2010 5:00	06/27/2010 4:00	8.106	26.6009	106.7870523	106.739855	2.470709	106.747294	
110	178	600	178.250000000	06/27/2010 6:00	06/27/2010 5:00	8.087	26.6198	106.7812981	106.734101	2.464918	106.741503	
110	178	700	178.291666667	06/27/2010 7:00	06/27/2010 6:00	8.084	26.6227	106.7803896	106.733192	2.464003	106.740588	
110	178	800	178.333333333	06/27/2010 8:00	06/27/2010 7:00	8.079	26.6277	106.7788753	106.731678	2.462479	106.739064	
110	178	900	178.375000000	06/27/2010 9:00	06/27/2010 8:00	8.089	26.6178	106.7819038	106.734707	2.465527	106.742112	
110	178	1000	178.416666667	06/27/2010 10:00	06/27/2010 9:00	8.106	26.6009	106.7870523	106.739855	2.470709	106.747294	
110	178	1100	178.458333333	06/27/2010 11:00	06/27/2010 10:00	8.135	26.5721	106.7958349	106.748638	2.479548	106.756133	
110	178	1200	178.500000000	06/27/2010 12:00	06/27/2010 11:00	8.17	26.5373	106.8064346	106.759238	2.490216	106.766801	
110	178	1300	178.541666667	06/27/2010 13:00	06/27/2010 12:00	8.205	26.5025	106.8170343	106.769837	2.500884	106.777469	
110	178	1400	178.583333333	06/27/2010 14:00	06/27/2010 13:00	8.24	26.4677	106.8276341	106.780437	2.511552	106.788137	
110	178	1500	178.625000000	06/27/2010 15:00	06/27/2010 14:00	8.266	26.4419	106.8355081	106.788311	2.519477	106.796062	
110	178	1600	178.666666667	06/27/2010 16:00	06/27/2010 15:00	8.278	26.4300	106.8391423	106.791945	2.523134	106.799719	
110	178	1700	178.708333333	06/27/2010 17:00	06/27/2010 16:00	8.288	26.4200	106.8421708	106.794974	2.526182	106.802767	
110	178	1800	178.750000000	06/27/2010 18:00	06/27/2010 17:00	8.287	26.4210	106.841868	106.794671	2.525878	106.802463	
110	178	1900	178.791666667	06/27/2010 19:00	06/27/2010 18:00	8.284	26.4240	106.8409594	106.793762	2.524963	106.801548	
110	178	2000	178.833333333	06/27/2010 20:00	06/27/2010 19:00	8.199	26.5085	106.8152172	106.768020	2.499055	106.775640	
110	178	2100	178.875000000	06/27/2010 21:00	06/27/2010 20:00	8.208	26.4995	106.8179429	106.770746	2.501798	106.778383	
110	178	2200	178.916666667	06/27/2010 22:00	06/27/2010 21:00	8.173	26.5343	106.8073432	106.760146	2.491130	106.767715	
110	178	2300	178.958333333	06/27/2010 23:00	06/27/2010 22:00	8.149	26.5582	106.8000748	106.752878	2.483815	106.760400	
110	179	0	179.000000000	06/28/2010 0:00	06/27/2010 23:00	8.132	26.5750	106.7949263	106.747729	2.478634	106.755219	
110	179	100	179.041666667	06/28/2010 1:00	06/28/2010 0:00	8.135	26.5721	106.7958349	106.748638	2.479548	106.756133	
110	179	200	179.083333333	06/28/2010 2:00	06/28/2010 1:00	8.11	26.5969	106.7882637	106.741067	2.471928	106.748513	
110	179	300	179.125000000	06/28/2010 3:00	06/28/2010 2:00	8.076	26.6307	106.7779668	106.730770	2.461565	106.738150	
110	179	400	179.166666667	06/28/2010 4:00	06/28/2010 3:00	8.071	26.6357	106.7764525	106.729255	2.460041	106.736626	
110	179	500	179.208333333	06/28/2010 5:00	06/28/2010 4:00	8.119	26.5880	106.7909893	106.743792	2.474671	106.751256	
110	179	600	179.250000000	06/28/2010 6:00	06/28/2010 5:00	8.117	26.5899	106.7903836	106.743187	2.474062	106.750647	
110	179	700	179.291666667	06/28/2010 7:00	06/28/2010 6:00	8.12	26.5870	106.7912922	106.744095	2.474976	106.751561	
110	179	800	179.333333333	06/28/2010 8:00	06/28/2010 7:00	8.122	26.5850	106.7918979	106.744701	2.475586	106.752171	
110	179	900	179.375000000	06/28/2010 9:00	06/28/2010 8:00	8.121	26.5860	106.791595	106.744398	2.475281	106.751866	
110	179	1000	179.416666667	06/28/2010 10:00	06/28/2010 9:00	8.113	26.5939	106.7891722	106.741975	2.472842	106.749427	
110	179	1100	179.458333333	06/28/2010 11:00	06/28/2010 10:00	8.109	26.5979	106.7879608	106.740764	2.471623	106.748208	
110	179	1200	179.500000000	06/28/2010 12:00	06/28/2010 11:00	8.097	26.6098	106.7843266	106.737130	2.467966	106.744551	
110	179	1300	179.541666667	06/28/2010 13:00	06/28/2010 12:00	8.092	26.6148	106.7828124	106.735615	2.466442	106.743027	
110	179	1400	179.583333333	06/28/2010 14:00	06/28/2010 13:00	8.081	26.6257	106.779481	106.732284	2.463089	106.739674	
110	179	1500	179.625000000	06/28/2010 15:00	06/28/2010 14:00	8.074	26.6327	106.7773611	106.730164	2.460955	106.737540	
110	179	1600	179.666666667	06/28/2010 16:00	06/28/2010 15:00	8.073	26.6337	106.7770582	106.729861	2.460650	106.737235	
110	179	1700	179.708333333	06/28/2010 17:00	06/28/2010 16:00	8.085	26.6217	106.7806924	106.733495	2.464308	106.740893	
110	179	1800	179.750000000	06/28/2010 18:00	06/28/2010 17:00	8.096	26.6108	106.7840238	106.736827	2.467661	106.744246	
110	179	1900	179.791666667	06/28/2010 19:00	06/28/2010 18:00	8.123	26.5840	106.7922007	106.745004	2.475890	106.752475	
110	179	2000	179.833333333	06/28/2010 20:00	06/28/2010 19:00	8.115	26.5919	106.7897779	106.742581	2.473452	106.750037	
110	179	2100	179.875000000	06/28/2010 21:00	06/28/2010 20:00	8.147	26.5601	106.7994691	106.752272	2.483206	106.759791	
110	179	2200	179.916666667	06/28/2010 22:00	06/28/2010 21:00	8.16	26.5472	106.8034061	106.756209	2.487168	106.763753	
110	179	2300	179.958333333	06/28/2010 23:00	06/28/2010 22:00	8.171	26.5363	106.8067375	106.759540	2.490521	106.767106	
110	180	0	180.000000000	06/29/2010 0:00	06/28/2010 23:00	8.19	26.5174	106.8124916	106.765294	2.496312	106.772897	
110	180	100	180.041666667	06/29/2010 1:00	06/29/2010 0:00	8.183	26.5244	106.8103717	106.763175	2.494178	106.770763	
110	180	200	180.083333333	06/29/2010 2:00	06/29/2010 1:00	8.181	26.5264	106.809766	106.762569	2.493569	106.770154	
110	180	300	180.125000000	06/29/2010 3:00	06/29/2010 2:00	8.189	26.5184	106.8121888	106.764992	2.496007	106.772592	
110	180	400	180.166666667	06/29/2010 4:00	06/29/2010 3:00	8.174	26.5333	106.807646	106.760449	2.491435	106.768020	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	180	500	180.208333333	06/29/2010 5:00	06/29/2010 4:00	8.249	26.4588	106.8303597	106.783163	2.514295	106.790880	
110	180	600	180.250000000	06/29/2010 6:00	06/29/2010 5:00	8.24	26.4677	106.8276341	106.780437	2.511552	106.788137	
110	180	700	180.291666667	06/29/2010 7:00	06/29/2010 6:00	8.221	26.4866	106.8218799	106.774683	2.505761	106.782346	
110	180	800	180.333333333	06/29/2010 8:00	06/29/2010 7:00	8.202	26.5055	106.8161258	106.768929	2.499970	106.776555	
110	180	900	180.375000000	06/29/2010 9:00	06/29/2010 8:00	8.188	26.5194	106.8118859	106.764689	2.495702	106.772287	
110	180	1000	180.416666667	06/29/2010 10:00	06/29/2010 9:00	8.188	26.5194	106.8118859	106.764689	2.495702	106.772287	
110	180	1100	180.458333333	06/29/2010 11:00	06/29/2010 10:00	8.201	26.5065	106.8158229	106.768626	2.499665	106.776250	
110	180	1200	180.500000000	06/29/2010 12:00	06/29/2010 11:00	8.23	26.4777	106.8246056	106.777408	2.508504	106.785089	
110	180	1300	180.541666667	06/29/2010 13:00	06/29/2010 12:00	8.262	26.4459	106.8342968	106.787100	2.518258	106.794843	
110	180	1400	180.583333333	06/29/2010 14:00	06/29/2010 13:00	8.298	26.4101	106.8451993	106.798002	2.529230	106.805815	
110	180	1500	180.625000000	06/29/2010 15:00	06/29/2010 14:00	8.331	26.3773	106.8551934	106.807996	2.539289	106.815874	
110	180	1600	180.666666667	06/29/2010 16:00	06/29/2010 15:00	8.372	26.3366	106.8676102	106.820413	2.551786	106.828371	
110	180	1700	180.708333333	06/29/2010 17:00	06/29/2010 16:00	8.409	26.2998	106.8788156	106.831618	2.563063	106.839648	
110	180	1800	180.750000000	06/29/2010 18:00	06/29/2010 17:00	8.429	26.2799	106.8848726	106.837675	2.569159	106.845744	
110	180	1900	180.791666667	06/29/2010 19:00	06/29/2010 18:00	8.445	26.2640	106.8897182	106.842521	2.574036	106.850621	
110	180	2000	180.833333333	06/29/2010 20:00	06/29/2010 19:00	8.405	26.3038	106.8776042	106.830407	2.561844	106.838429	
110	180	2100	180.875000000	06/29/2010 21:00	06/29/2010 20:00	8.377	26.3316	106.8691244	106.821927	2.553310	106.829895	
110	180	2200	180.916666667	06/29/2010 22:00	06/29/2010 21:00	8.386	26.3227	106.8718501	106.824653	2.556053	106.832638	
110	180	2300	180.958333333	06/29/2010 23:00	06/29/2010 22:00	8.285	26.4230	106.8412623	106.794065	2.525268	106.801853	
110	181	0	181.000000000	06/30/2010 0:00	06/29/2010 23:00	8.26	26.4479	106.8336911	106.786494	2.517648	106.794233	
110	181	100	181.041666667	06/30/2010 1:00	06/30/2010 0:00	8.222	26.4856	106.8221828	106.774986	2.506066	106.782651	
110	181	200	181.083333333	06/30/2010 2:00	06/30/2010 1:00	8.176	26.5313	106.8082517	106.761055	2.492045	106.768630	
110	181	300	181.125000000	06/30/2010 3:00	06/30/2010 2:00	8.134	26.5731	106.795532	106.748335	2.479243	106.755828	
110	181	400	181.166666667	06/30/2010 4:00	06/30/2010 3:00	8.077	26.6297	106.7782696	106.731073	2.461870	106.738455	
110	181	500	181.208333333	06/30/2010 5:00	06/30/2010 4:00	8.113	26.5939	106.7891722	106.741975	2.472842	106.749427	
110	181	600	181.250000000	06/30/2010 6:00	06/30/2010 5:00	8.06	26.6466	106.7731212	106.725924	2.456688	106.733273	
110	181	700	181.291666667	06/30/2010 7:00	06/30/2010 6:00	8.017	26.6893	106.7600987	106.712902	2.443582	106.720167	
110	181	800	181.333333333	06/30/2010 8:00	06/30/2010 7:00	7.9811	26.7250	106.7492264	106.702029	2.432639	106.709224	
110	181	900	181.375000000	06/30/2010 9:00	06/30/2010 8:00	7.9526	26.7533	106.7405952	106.693398	2.423952	106.700538	
110	181	1000	181.416666667	06/30/2010 10:00	06/30/2010 9:00	7.9426	26.7632	106.7375667	106.690370	2.420904	106.697490	
110	181	1100	181.458333333	06/30/2010 11:00	06/30/2010 10:00	7.95	26.7559	106.7398078	106.692611	2.423160	106.699745	
110	181	1200	181.500000000	06/30/2010 12:00	06/30/2010 11:00	7.977	26.7291	106.7479847	106.700788	2.431390	106.707975	
110	181	1300	181.541666667	06/30/2010 13:00	06/30/2010 12:00	8.016	26.6903	106.7597958	106.712599	2.443277	106.719862	
110	181	1400	181.583333333	06/30/2010 14:00	06/30/2010 13:00	8.063	26.6436	106.7740297	106.726833	2.457602	106.734187	
110	181	1500	181.625000000	06/30/2010 15:00	06/30/2010 14:00	8.11	26.5969	106.7882637	106.741067	2.471928	106.748513	
110	181	1600	181.666666667	06/30/2010 16:00	06/30/2010 15:00	8.158	26.5492	106.8028004	106.755603	2.486558	106.763143	
110	181	1700	181.708333333	06/30/2010 17:00	06/30/2010 16:00	8.201	26.5065	106.8158229	106.768626	2.499665	106.776250	
110	181	1800	181.750000000	06/30/2010 18:00	06/30/2010 17:00	8.236	26.4717	106.8264227	106.779226	2.510333	106.786918	
110	181	1900	181.791666667	06/30/2010 19:00	06/30/2010 18:00	8.263	26.4449	106.8345996	106.787402	2.518562	106.795147	
110	181	2000	181.833333333	06/30/2010 20:00	06/30/2010 19:00	8.224	26.4836	106.8227885	106.775591	2.506675	106.783260	
110	181	2100	181.875000000	06/30/2010 21:00	06/30/2010 20:00	8.218	26.4896	106.8209714	106.773774	2.504846	106.781431	
110	181	2200	181.916666667	06/30/2010 22:00	06/30/2010 21:00	8.208	26.4995	106.8179429	106.770746	2.501798	106.778383	
110	181	2300	181.958333333	06/30/2010 23:00	06/30/2010 22:00	8.169	26.5383	106.8061318	106.758935	2.489911	106.766496	
110	182	0	182.000000000	07/01/2010 0:00	06/30/2010 23:00	8.133	26.5741	106.7952292	106.748032	2.478938	106.755523	
110	182	100	182.041666667	07/01/2010 1:00	07/01/2010 0:00	8.144	26.5631	106.7985605	106.751363	2.482291	106.758876	
110	182	200	182.083333333	07/01/2010 2:00	07/01/2010 1:00	8.095	26.6118	106.7837209	106.736524	2.467356	106.743941	
110	182	300	182.125000000	07/01/2010 3:00	07/01/2010 2:00	8.051	26.6555	106.7703956	106.723198	2.453945	106.730530	
110	182	400	182.166666667	07/01/2010 4:00	07/01/2010 3:00	7.9889	26.7172	106.7515886	106.704392	2.435017	106.711602	
110	182	500	182.208333333	07/01/2010 5:00	07/01/2010 4:00	8.081	26.6257	106.779481	106.732284	2.463089	106.739674	
110	182	600	182.250000000	07/01/2010 6:00	07/01/2010 5:00	7.9172	26.7885	106.7298743	106.682677	2.413163	106.689748	
110	182	700	182.291666667	07/01/2010 7:00	07/01/2010 6:00	7.8563	26.8490	106.7114308	106.664234	2.394600	106.671185	
110	182	800	182.333333333	07/01/2010 8:00	07/01/2010 7:00	7.8012	26.9037	106.6947438	106.647547	2.377806	106.654391	
110	182	900	182.375000000	07/01/2010 9:00	07/01/2010 8:00	7.7623	26.9424	106.682963	106.635766	2.365949	106.642534	
110	182	1000	182.416666667	07/01/2010 10:00	07/01/2010 9:00	7.7242	26.9802	106.6714244	106.624227	2.354336	106.630921	
110	182	1100	182.458333333	07/01/2010 11:00	07/01/2010 10:00	7.6997	27.0046	106.6640046	106.616807	2.346869	106.623454	
110	182	1200	182.500000000	07/01/2010 12:00	07/01/2010 11:00	7.6722	27.0319	106.6556762	106.608479	2.338487	106.615072	
110	182	1300	182.541666667	07/01/2010 13:00	07/01/2010 12:00	7.6612	27.0428	106.6523449	106.605148	2.335134	106.611719	
110	182	1400	182.583333333	07/01/2010 14:00	07/01/2010 13:00	7.6477	27.0562	106.6482564	106.601059	2.331019	106.607604	
110	182	1500	182.625000000	07/01/2010 15:00	07/01/2010 14:00	7.6529	27.0511	106.6498313	106.602634	2.332604	106.609189	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	182	1600	182.666666667	07/01/2010 16:00	07/01/2010 15:00	7.6772	27.0269	106.6571905	106.609993	2.340011	106.616596	
110	182	1700	182.708333333	07/01/2010 17:00	07/01/2010 16:00	7.7294	26.9751	106.6729992	106.625802	2.355921	106.632506	
110	182	1800	182.750000000	07/01/2010 18:00	07/01/2010 17:00	7.782	26.9228	106.6889291	106.641732	2.371954	106.648539	
110	182	1900	182.791666667	07/01/2010 19:00	07/01/2010 18:00	7.7869	26.9179	106.6904131	106.643216	2.373447	106.650032	
110	182	2000	182.833333333	07/01/2010 20:00	07/01/2010 19:00	7.8467	26.8585	106.7085234	106.661326	2.391674	106.668259	
110	182	2100	182.875000000	07/01/2010 21:00	07/01/2010 20:00	7.9082	26.7974	106.7271487	106.679952	2.410419	106.687004	
110	182	2200	182.916666667	07/01/2010 22:00	07/01/2010 21:00	7.9339	26.7719	106.7349319	106.687735	2.418253	106.694838	
110	182	2300	182.958333333	07/01/2010 23:00	07/01/2010 22:00	7.9514	26.7545	106.7402318	106.693035	2.423587	106.700172	
110	183	0	183.000000000	07/02/2010 0:00	07/01/2010 23:00	7.9405	26.7653	106.7369307	106.689734	2.420264	106.696849	
110	183	100	183.041666667	07/02/2010 1:00	07/02/2010 0:00	7.9383	26.7675	106.7362644	106.689067	2.419594	106.696179	
110	183	200	183.083333333	07/02/2010 2:00	07/02/2010 1:00	7.9015	26.8041	106.7251196	106.677922	2.408377	106.684962	
110	183	300	183.125000000	07/02/2010 3:00	07/02/2010 2:00	7.8599	26.8454	106.7125211	106.665324	2.395698	106.672283	
110	183	400	183.166666667	07/02/2010 4:00	07/02/2010 3:00	7.8034	26.9015	106.6954101	106.648213	2.378476	106.655061	
110	183	500	183.208333333	07/02/2010 5:00	07/02/2010 4:00	7.8236	26.8815	106.7015276	106.654331	2.384633	106.661218	
110	183	600	183.250000000	07/02/2010 6:00	07/02/2010 5:00	7.7493	26.9553	106.6790259	106.631829	2.361987	106.638572	
110	183	700	183.291666667	07/02/2010 7:00	07/02/2010 6:00	7.6884	27.0158	106.6605824	106.613385	2.343424	106.620009	
110	183	800	183.333333333	07/02/2010 8:00	07/02/2010 7:00	7.6283	27.0755	106.6423812	106.595184	2.325106	106.601691	
110	183	900	183.375000000	07/02/2010 9:00	07/02/2010 8:00	7.5755	27.1280	106.6263907	106.579194	2.309012	106.585597	
110	183	1000	183.416666667	07/02/2010 10:00	07/02/2010 9:00	7.5468	27.1565	106.6176989	106.570502	2.300265	106.576850	
110	183	1100	183.458333333	07/02/2010 11:00	07/02/2010 10:00	7.5217	27.1814	106.6100974	106.562900	2.292614	106.569199	
110	183	1200	183.500000000	07/02/2010 12:00	07/02/2010 11:00	7.516	27.1871	106.6083712	106.561174	2.290877	106.567462	
110	183	1300	183.541666667	07/02/2010 13:00	07/02/2010 12:00	7.5085	27.1946	106.6060998	106.558903	2.288591	106.565176	
110	183	1400	183.583333333	07/02/2010 14:00	07/02/2010 13:00	7.5037	27.1993	106.6046461	106.557449	2.287128	106.563713	
110	183	1500	183.625000000	07/02/2010 15:00	07/02/2010 14:00	7.5039	27.1991	106.6047067	106.557510	2.287189	106.563774	
110	183	1600	183.666666667	07/02/2010 16:00	07/02/2010 15:00	7.5056	27.1974	106.6052216	106.558024	2.287707	106.564292	
110	183	1700	183.708333333	07/02/2010 17:00	07/02/2010 16:00	7.5153	27.1878	106.6081592	106.560962	2.290663	106.567248	
110	183	1800	183.750000000	07/02/2010 18:00	07/02/2010 17:00	7.5185	27.1846	106.6091283	106.561931	2.291639	106.568224	
110	183	1900	183.791666667	07/02/2010 19:00	07/02/2010 18:00	7.5386	27.1646	106.6152156	106.568018	2.297765	106.574350	
110	183	2000	183.833333333	07/02/2010 20:00	07/02/2010 19:00	7.5011	27.2019	106.6038587	106.556662	2.286335	106.562920	
110	183	2100	183.875000000	07/02/2010 21:00	07/02/2010 20:00	7.5774	27.1261	106.6269661	106.579769	2.309592	106.586177	
110	183	2200	183.916666667	07/02/2010 22:00	07/02/2010 21:00	7.5869	27.1167	106.6298432	106.582646	2.312487	106.589072	
110	183	2300	183.958333333	07/02/2010 23:00	07/02/2010 22:00	7.5925	27.1111	106.6315392	106.584342	2.314194	106.590779	
110	184	0	184.000000000	07/03/2010 0:00	07/02/2010 23:00	7.603	27.1007	106.6347191	106.587522	2.317394	106.593979	
110	184	100	184.041666667	07/03/2010 1:00	07/03/2010 0:00	7.6436	27.0603	106.6470148	106.599818	2.329769	106.606354	
110	184	200	184.083333333	07/03/2010 2:00	07/03/2010 1:00	7.6821	27.0221	106.6586745	106.611477	2.341504	106.618089	
110	184	300	184.125000000	07/03/2010 3:00	07/03/2010 2:00	7.6838	27.0204	106.6591893	106.611992	2.342022	106.618607	
110	184	400	184.166666667	07/03/2010 4:00	07/03/2010 3:00	7.7013	27.0030	106.6644892	106.617292	2.347356	106.623941	
110	184	500	184.208333333	07/03/2010 5:00	07/03/2010 4:00	7.7778	26.9270	106.6876571	106.640460	2.370673	106.647258	
110	184	600	184.250000000	07/03/2010 6:00	07/03/2010 5:00	7.7756	26.9292	106.6869909	106.639794	2.370003	106.646588	
110	184	700	184.291666667	07/03/2010 7:00	07/03/2010 6:00	7.7587	26.9460	106.6818727	106.634676	2.364852	106.641437	
110	184	800	184.333333333	07/03/2010 8:00	07/03/2010 7:00	7.724	26.9804	106.6713638	106.624167	2.354275	106.630860	
110	184	900	184.375000000	07/03/2010 9:00	07/03/2010 8:00	7.679	27.0251	106.6577356	106.610539	2.340559	106.617144	
110	184	1000	184.416666667	07/03/2010 10:00	07/03/2010 9:00	7.6188	27.0850	106.6395041	106.592307	2.322210	106.598795	
110	184	1100	184.458333333	07/03/2010 11:00	07/03/2010 10:00	7.531	27.1722	106.6129139	106.565717	2.295449	106.572034	
110	184	1200	184.500000000	07/03/2010 12:00	07/03/2010 11:00	7.4079	27.2945	106.5756332	106.528436	2.257928	106.534513	
110	184	1300	184.541666667	07/03/2010 13:00	07/03/2010 12:00	7.2797	27.4219	106.5368079	106.489611	2.218853	106.495438	
110	184	1400	184.583333333	07/03/2010 14:00	07/03/2010 13:00	7.162	27.5388	106.5011625	106.453965	2.182978	106.459563	
110	184	1500	184.625000000	07/03/2010 15:00	07/03/2010 14:00	7.0627	27.6375	106.4710896	106.423893	2.152711	106.429296	
110	184	1600	184.666666667	07/03/2010 16:00	07/03/2010 15:00	6.9903	27.7094	106.4491633	106.401966	2.130643	106.407228	
110	184	1700	184.708333333	07/03/2010 17:00	07/03/2010 16:00	6.9406	27.7588	106.4341117	106.386915	2.115495	106.392080	
110	184	1800	184.750000000	07/03/2010 18:00	07/03/2010 17:00	6.9019	27.7973	106.4223914	106.375194	2.103699	106.380284	
110	184	1900	184.791666667	07/03/2010 19:00	07/03/2010 18:00	6.8804	27.8186	106.4158802	106.368683	2.097146	106.373731	
110	184	2000	184.833333333	07/03/2010 20:00	07/03/2010 19:00	6.8357	27.8630	106.4023428	106.355146	2.083521	106.360106	
110	184	2100	184.875000000	07/03/2010 21:00	07/03/2010 20:00	6.8151	27.8835	106.3961041	106.348907	2.077242	106.353828	
110	184	2200	184.916666667	07/03/2010 22:00	07/03/2010 21:00	6.7915	27.9070	106.3889569	106.341760	2.070049	106.346634	
110	184	2300	184.958333333	07/03/2010 23:00	07/03/2010 22:00	6.7743	27.9241	106.3837479	106.336551	2.064807	106.341392	
110	185	0	185.000000000	07/04/2010 0:00	07/03/2010 23:00	6.7556	27.9426	106.3780846	106.330887	2.059107	106.335692	
110	185	100	185.041666667	07/04/2010 1:00	07/04/2010 0:00	6.7776	27.9208	106.3847473	106.337550	2.065812	106.342398	
110	185	200	185.083333333	07/04/2010 2:00	07/04/2010 1:00	6.7673	27.9310	106.3816279	106.334431	2.062673	106.339258	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	185	300	185.125000000	07/04/2010 3:00	07/04/2010 2:00	6.7817	27.9167	106.385989	106.338792	2.067062	106.343647	
110	185	400	185.166666667	07/04/2010 4:00	07/04/2010 3:00	6.9113	27.7879	106.4252382	106.378041	2.106564	106.383149	
110	185	500	185.208333333	07/04/2010 5:00	07/04/2010 4:00	6.8216	27.8771	106.3980726	106.350876	2.079224	106.355809	
110	185	600	185.250000000	07/04/2010 6:00	07/04/2010 5:00	6.8212	27.8775	106.3979515	106.350754	2.079102	106.355687	
110	185	700	185.291666667	07/04/2010 7:00	07/04/2010 6:00	6.8139	27.8847	106.3957407	106.348544	2.076877	106.353462	
110	185	800	185.333333333	07/04/2010 8:00	07/04/2010 7:00	6.7889	27.9095	106.3881695	106.340972	2.069257	106.345842	
110	185	900	185.375000000	07/04/2010 9:00	07/04/2010 8:00	6.7593	27.9390	106.3792051	106.332008	2.060235	106.336820	
110	185	1000	185.416666667	07/04/2010 10:00	07/04/2010 9:00	6.716	27.9820	106.3660918	106.318895	2.047037	106.323622	
110	185	1100	185.458333333	07/04/2010 11:00	07/04/2010 10:00	6.6652	28.0325	106.350707	106.303510	2.031553	106.308138	
110	185	1200	185.500000000	07/04/2010 12:00	07/04/2010 11:00	6.6198	28.0776	106.3369577	106.289761	2.017715	106.294300	
110	185	1300	185.541666667	07/04/2010 13:00	07/04/2010 12:00	6.5778	28.1193	106.324238	106.277041	2.004913	106.281498	
110	185	1400	185.583333333	07/04/2010 14:00	07/04/2010 13:00	6.5319	28.1649	106.3103372	106.263140	1.990923	106.267508	
110	185	1500	185.625000000	07/04/2010 15:00	07/04/2010 14:00	6.5111	28.1856	106.3040379	106.256841	1.984583	106.261168	
110	185	1600	185.666666667	07/04/2010 16:00	07/04/2010 15:00	6.4871	28.2094	106.2967696	106.249572	1.977268	106.253853	
110	185	1700	185.708333333	07/04/2010 17:00	07/04/2010 16:00	6.4591	28.2372	106.2882898	106.241093	1.968734	106.245319	
110	185	1800	185.750000000	07/04/2010 18:00	07/04/2010 17:00	6.4134	28.2826	106.2744496	106.227252	1.954804	106.231389	
110	185	1900	185.791666667	07/04/2010 19:00	07/04/2010 18:00	6.3749	28.3209	106.2627899	106.215593	1.943070	106.219655	
110	185	2000	185.833333333	07/04/2010 20:00	07/04/2010 19:00	6.2839	28.4113	106.2352306	106.188033	1.915333	106.191918	
110	185	2100	185.875000000	07/04/2010 21:00	07/04/2010 20:00	6.2579	28.4372	106.2273565	106.180159	1.907408	106.183993	
110	185	2200	185.916666667	07/04/2010 22:00	07/04/2010 21:00	6.1716	28.5229	106.2012206	106.154024	1.881104	106.157689	
110	185	2300	185.958333333	07/04/2010 23:00	07/04/2010 22:00	6.0997	28.5943	106.1794458	106.132249	1.859189	106.135774	
110	186	0	186.000000000	07/05/2010 0:00	07/04/2010 23:00	6.0145	28.6790	106.153643	106.106446	1.833220	106.109805	
110	186	100	186.041666667	07/05/2010 1:00	07/05/2010 0:00	5.9695	28.7237	106.1400148	106.092818	1.819504	106.096089	
110	186	200	186.083333333	07/05/2010 2:00	07/05/2010 1:00	5.9206	28.7723	106.1252054	106.078008	1.804599	106.081184	
110	186	300	186.125000000	07/05/2010 3:00	07/05/2010 2:00	5.864	28.8285	106.1080642	106.060867	1.787347	106.063932	
110	186	400	186.166666667	07/05/2010 4:00	07/05/2010 3:00	5.835	28.8573	106.0992815	106.052084	1.778508	106.055093	
110	186	500	186.208333333	07/05/2010 5:00	07/05/2010 4:00	5.8357	28.8566	106.0994935	106.052296	1.778721	106.055306	
110	186	600	186.250000000	07/05/2010 6:00	07/05/2010 5:00	5.7978	28.8943	106.0880156	106.040818	1.767169	106.043754	
110	186	700	186.291666667	07/05/2010 7:00	07/05/2010 6:00	5.7581	28.9338	106.0759924	106.028795	1.755069	106.031654	
110	186	800	186.333333333	07/05/2010 8:00	07/05/2010 7:00	5.7217	28.9699	106.0649687	106.017772	1.743974	106.020559	
110	186	900	186.375000000	07/05/2010 9:00	07/05/2010 8:00	5.6945	28.9969	106.0567312	106.009534	1.735684	106.012269	
110	186	1000	186.416666667	07/05/2010 10:00	07/05/2010 9:00	5.6704	29.0209	106.0494326	106.002235	1.728338	106.004923	
110	186	1100	186.458333333	07/05/2010 11:00	07/05/2010 10:00	5.6501	29.0411	106.0432847	105.996088	1.722150	105.998736	
110	186	1200	186.500000000	07/05/2010 12:00	07/05/2010 11:00	5.6351	29.0560	106.038742	105.991545	1.717578	105.994164	
110	186	1300	186.541666667	07/05/2010 13:00	07/05/2010 12:00	5.6173	29.0737	106.0333513	105.986154	1.712153	105.988738	
110	186	1400	186.583333333	07/05/2010 14:00	07/05/2010 13:00	5.5955	29.0953	106.0267491	105.979552	1.705508	105.982093	
110	186	1500	186.625000000	07/05/2010 15:00	07/05/2010 14:00	5.5879	29.1029	106.0244475	105.977250	1.703192	105.979777	
110	186	1600	186.666666667	07/05/2010 16:00	07/05/2010 15:00	5.5916	29.0992	106.025568	105.978371	1.704320	105.980905	
110	186	1700	186.708333333	07/05/2010 17:00	07/05/2010 16:00	5.5984	29.0924	106.0276274	105.980430	1.706392	105.982977	
110	186	1800	186.750000000	07/05/2010 18:00	07/05/2010 17:00	5.5994	29.0914	106.0279303	105.980733	1.706697	105.983282	
110	186	1900	186.791666667	07/05/2010 19:00	07/05/2010 18:00	5.5983	29.0925	106.0275971	105.980400	1.706362	105.982947	
110	186	2000	186.833333333	07/05/2010 20:00	07/05/2010 19:00	5.5954	29.0954	106.0267189	105.979522	1.705478	105.982063	
110	186	2100	186.875000000	07/05/2010 21:00	07/05/2010 20:00	5.6041	29.0868	106.0293537	105.982157	1.708130	105.984715	
110	186	2200	186.916666667	07/05/2010 22:00	07/05/2010 21:00	5.6137	29.0772	106.032261	105.985064	1.711056	105.987641	
110	186	2300	186.958333333	07/05/2010 23:00	07/05/2010 22:00	5.6228	29.0682	106.0350169	105.987820	1.713829	105.990414	
110	187	0	187.000000000	07/06/2010 0:00	07/05/2010 23:00	5.6215	29.0695	106.0346232	105.987426	1.713433	105.990018	
110	187	100	187.041666667	07/06/2010 1:00	07/06/2010 0:00	5.6069	29.0840	106.0302016	105.983005	1.708983	105.985568	
110	187	200	187.083333333	07/06/2010 2:00	07/06/2010 1:00	5.6043	29.0866	106.0294142	105.982217	1.708191	105.984776	
110	187	300	187.125000000	07/06/2010 3:00	07/06/2010 2:00	5.6055	29.0854	106.0297776	105.982581	1.708556	105.985141	
110	187	400	187.166666667	07/06/2010 4:00	07/06/2010 3:00	5.6182	29.0728	106.0336238	105.986427	1.712427	105.989012	
110	187	500	187.208333333	07/06/2010 5:00	07/06/2010 4:00	5.6546	29.0366	106.0446475	105.997450	1.723522	106.000107	
110	187	600	187.250000000	07/06/2010 6:00	07/06/2010 5:00	5.6674	29.0239	106.048524	106.001327	1.727424	106.004009	
110	187	700	187.291666667	07/06/2010 7:00	07/06/2010 6:00	5.6809	29.0105	106.0526125	106.005415	1.731538	106.008123	
110	187	800	187.333333333	07/06/2010 8:00	07/06/2010 7:00	5.6938	28.9976	106.0565192	106.009322	1.735470	106.012055	
110	187	900	187.375000000	07/06/2010 9:00	07/06/2010 8:00	5.7057	28.9858	106.0601231	106.012926	1.739097	106.015682	
110	187	1000	187.416666667	07/06/2010 10:00	07/06/2010 9:00	5.7172	28.9744	106.0636059	106.016409	1.742603	106.019188	
110	187	1100	187.458333333	07/06/2010 11:00	07/06/2010 10:00	5.732	28.9597	106.0680881	106.020891	1.747114	106.023699	
110	187	1200	187.500000000	07/06/2010 12:00	07/06/2010 11:00	5.7476	28.9442	106.0728125	106.025615	1.751868	106.028454	
110	187	1300	187.541666667	07/06/2010 13:00	07/06/2010 12:00	5.765	28.9269	106.0780821	106.030885	1.757172	106.033757	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	187	1400	187.583333333	07/06/2010 14:00	07/06/2010 13:00	5.775	28.9170	106.0811106	106.033913	1.760220	106.036805	
110	187	1500	187.625000000	07/06/2010 15:00	07/06/2010 14:00	5.7788	28.9132	106.0822614	106.035064	1.761378	106.037963	
110	187	1600	187.666666667	07/06/2010 16:00	07/06/2010 15:00	5.7692	28.9227	106.0793541	106.032157	1.758452	106.035037	
110	187	1700	187.708333333	07/06/2010 17:00	07/06/2010 16:00	5.7666	28.9253	106.0785667	106.031370	1.757660	106.034245	
110	187	1800	187.750000000	07/06/2010 18:00	07/06/2010 17:00	5.7629	28.9290	106.0774461	106.030249	1.756532	106.033117	
110	187	1900	187.791666667	07/06/2010 19:00	07/06/2010 18:00	5.7625	28.9294	106.077325	106.030128	1.756410	106.032995	
110	187	2000	187.833333333	07/06/2010 20:00	07/06/2010 19:00	5.7316	28.9601	106.0679669	106.020770	1.746992	106.023577	
110	187	2100	187.875000000	07/06/2010 21:00	07/06/2010 20:00	5.7427	28.9491	106.0713286	106.024131	1.750375	106.026960	
110	187	2200	187.916666667	07/06/2010 22:00	07/06/2010 21:00	5.7349	28.9568	106.0689663	106.021769	1.747998	106.024583	
110	187	2300	187.958333333	07/06/2010 23:00	07/06/2010 22:00	5.7166	28.9750	106.0634242	106.016227	1.742420	106.019005	
110	188	0	188.000000000	07/07/2010 0:00	07/06/2010 23:00	5.7327	28.9590	106.0683001	106.021103	1.747327	106.023912	
110	188	100	188.041666667	07/07/2010 1:00	07/07/2010 0:00	5.7311	28.9606	106.0678155	106.020618	1.746839	106.023424	
110	188	200	188.083333333	07/07/2010 2:00	07/07/2010 1:00	5.7381	28.9536	106.0699355	106.022738	1.748973	106.025558	
110	188	300	188.125000000	07/07/2010 3:00	07/07/2010 2:00	5.7556	28.9362	106.0752353	106.028038	1.754307	106.030892	
110	188	400	188.166666667	07/07/2010 4:00	07/07/2010 3:00	5.7689	28.9230	106.0792632	106.032066	1.758361	106.034946	
110	188	500	188.208333333	07/07/2010 5:00	07/07/2010 4:00	5.8447	28.8477	106.1022192	106.055022	1.781465	106.058050	
110	188	600	188.250000000	07/07/2010 6:00	07/07/2010 5:00	5.8584	28.8341	106.1063682	106.059171	1.785640	106.062225	
110	188	700	188.291666667	07/07/2010 7:00	07/07/2010 6:00	5.8732	28.8194	106.1108504	106.063653	1.790151	106.066736	
110	188	800	188.333333333	07/07/2010 8:00	07/07/2010 7:00	5.8841	28.8086	106.1141514	106.066954	1.793474	106.070059	
110	188	900	188.375000000	07/07/2010 9:00	07/07/2010 8:00	5.8984	28.7943	106.1184822	106.071285	1.797832	106.074417	
110	188	1000	188.416666667	07/07/2010 10:00	07/07/2010 9:00	5.8984	28.7943	106.1184822	106.071285	1.797832	106.074417	
110	188	1100	188.458333333	07/07/2010 11:00	07/07/2010 10:00	5.8911	28.8016	106.1162714	106.069074	1.795607	106.072192	
110	188	1200	188.500000000	07/07/2010 12:00	07/07/2010 11:00	5.8575	28.8350	106.1060957	106.058899	1.785366	106.061951	
110	188	1300	188.541666667	07/07/2010 13:00	07/07/2010 12:00	5.8102	28.8820	106.0917709	106.044574	1.770949	106.047534	
110	188	1400	188.583333333	07/07/2010 14:00	07/07/2010 13:00	5.7543	28.9375	106.0748416	106.027645	1.753911	106.030496	
110	188	1500	188.625000000	07/07/2010 15:00	07/07/2010 14:00	5.6891	29.0023	106.0550958	106.007899	1.734038	106.010623	
110	188	1600	188.666666667	07/07/2010 16:00	07/07/2010 15:00	5.62	29.0710	106.034169	105.986972	1.712976	105.989561	
110	188	1700	188.708333333	07/07/2010 17:00	07/07/2010 16:00	5.5379	29.1525	106.009305	105.962108	1.687952	105.964537	
110	188	1800	188.750000000	07/07/2010 18:00	07/07/2010 17:00	5.4599	29.2300	105.9856828	105.938486	1.664178	105.940763	
110	188	1900	188.791666667	07/07/2010 19:00	07/07/2010 18:00	5.3941	29.2954	105.9657553	105.918558	1.644122	105.920707	
110	188	2000	188.833333333	07/07/2010 20:00	07/07/2010 19:00	5.3189	29.3701	105.942981	105.895784	1.621201	105.897786	
110	188	2100	188.875000000	07/07/2010 21:00	07/07/2010 20:00	5.2953	29.3936	105.9358338	105.888637	1.614007	105.890592	
110	188	2200	188.916666667	07/07/2010 22:00	07/07/2010 21:00	5.2656	29.4231	105.9268392	105.879642	1.604955	105.881540	
110	188	2300	188.958333333	07/07/2010 23:00	07/07/2010 22:00	5.2661	29.4226	105.9269906	105.879793	1.605107	105.881692	
110	189	0	189.000000000	07/08/2010 0:00	07/07/2010 23:00	5.2567	29.4319	105.9241438	105.876947	1.602242	105.878827	
110	189	100	189.041666667	07/08/2010 1:00	07/08/2010 0:00	5.3373	29.3519	105.9485535	105.901356	1.626809	105.903394	
110	189	200	189.083333333	07/08/2010 2:00	07/08/2010 1:00	5.3253	29.3638	105.9449193	105.897722	1.623151	105.899736	
110	189	300	189.125000000	07/08/2010 3:00	07/08/2010 2:00	5.3561	29.3332	105.954247	105.907050	1.632539	105.909124	
110	189	400	189.166666667	07/08/2010 4:00	07/08/2010 3:00	5.4399	29.2499	105.9796258	105.932429	1.658082	105.934667	
110	189	500	189.208333333	07/08/2010 5:00	07/08/2010 4:00	5.4522	29.2377	105.9833508	105.936154	1.661831	105.938416	
110	189	600	189.250000000	07/08/2010 6:00	07/08/2010 5:00	5.4337	29.2561	105.9777481	105.930551	1.656192	105.932777	
110	189	700	189.291666667	07/08/2010 7:00	07/08/2010 6:00	5.3982	29.2913	105.966997	105.919800	1.645371	105.921956	
110	189	800	189.333333333	07/08/2010 8:00	07/08/2010 7:00	5.3639	29.3254	105.9566093	105.909412	1.634917	105.911502	
110	189	900	189.375000000	07/08/2010 9:00	07/08/2010 8:00	5.3422	29.3470	105.9500374	105.902840	1.628303	105.904888	
110	189	1000	189.416666667	07/08/2010 10:00	07/08/2010 9:00	5.3411	29.3481	105.9497043	105.902507	1.627967	105.904552	
110	189	1100	189.458333333	07/08/2010 11:00	07/08/2010 10:00	5.3565	29.3328	105.9543682	105.907171	1.632661	105.909246	
110	189	1200	189.500000000	07/08/2010 12:00	07/08/2010 11:00	5.3714	29.3180	105.9588806	105.911684	1.637203	105.913788	
110	189	1300	189.541666667	07/08/2010 13:00	07/08/2010 12:00	5.3594	29.3299	105.9552464	105.908049	1.633545	105.910130	
110	189	1400	189.583333333	07/08/2010 14:00	07/08/2010 13:00	5.3352	29.3539	105.9479175	105.900720	1.626169	105.902754	
110	189	1500	189.625000000	07/08/2010 15:00	07/08/2010 14:00	5.2986	29.3903	105.9368332	105.889636	1.615013	105.891598	
110	189	1600	189.666666667	07/08/2010 16:00	07/08/2010 15:00	5.2699	29.4188	105.9281414	105.880944	1.606266	105.882851	
110	189	1700	189.708333333	07/08/2010 17:00	07/08/2010 16:00	5.2453	29.4433	105.9206913	105.873494	1.598767	105.875352	
110	189	1800	189.750000000	07/08/2010 18:00	07/08/2010 17:00	5.229	29.4595	105.9157549	105.868558	1.593799	105.870384	
110	189	1900	189.791666667	07/08/2010 19:00	07/08/2010 18:00	5.2215	29.4669	105.9134835	105.866286	1.591513	105.868098	
110	189	2000	189.833333333	07/08/2010 20:00	07/08/2010 19:00	5.1689	29.5192	105.8975536	105.850357	1.575481	105.852066	
110	189	2100	189.875000000	07/08/2010 21:00	07/08/2010 20:00	5.1979	29.4904	105.9063363	105.859139	1.584320	105.860905	
110	189	2200	189.916666667	07/08/2010 22:00	07/08/2010 21:00	5.1923	29.4959	105.9046403	105.857443	1.582613	105.859198	
110	189	2300	189.958333333	07/08/2010 23:00	07/08/2010 22:00	5.199	29.4893	105.9066694	105.859472	1.584655	105.861240	
110	190	0	190.000000000	07/09/2010 0:00	07/08/2010 23:00	5.2311	29.4574	105.9163909	105.869194	1.594439	105.871024	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	190	100	190.041666667	07/09/2010 1:00	07/09/2010 0:00	5.2419	29.4466	105.9196616	105.872465	1.597731	105.874316	
110	190	200	190.083333333	07/09/2010 2:00	07/09/2010 1:00	5.2726	29.4161	105.9289591	105.881762	1.607088	105.883674	
110	190	300	190.125000000	07/09/2010 3:00	07/09/2010 2:00	5.2974	29.3915	105.9364698	105.889273	1.614648	105.891233	
110	190	400	190.166666667	07/09/2010 4:00	07/09/2010 3:00	5.3133	29.3757	105.9412851	105.894088	1.619494	105.896079	
110	190	500	190.208333333	07/09/2010 5:00	07/09/2010 4:00	5.3621	29.3272	105.9560641	105.908867	1.634368	105.910953	
110	190	600	190.250000000	07/09/2010 6:00	07/09/2010 5:00	5.3689	29.3205	105.9581235	105.910926	1.636441	105.913026	
110	190	700	190.291666667	07/09/2010 7:00	07/09/2010 6:00	5.3838	29.3057	105.962636	105.915439	1.640982	105.917567	
110	190	800	190.333333333	07/09/2010 8:00	07/09/2010 7:00	5.4074	29.2822	105.9697832	105.922586	1.648176	105.924761	
110	190	900	190.375000000	07/09/2010 9:00	07/09/2010 8:00	5.4344	29.2554	105.9779601	105.930763	1.656405	105.932990	
110	190	1000	190.416666667	07/09/2010 10:00	07/09/2010 9:00	5.4551	29.2348	105.9842291	105.937032	1.662714	105.939300	
110	190	1100	190.458333333	07/09/2010 11:00	07/09/2010 10:00	5.4801	29.2100	105.9918003	105.944603	1.670334	105.946920	
110	190	1200	190.500000000	07/09/2010 12:00	07/09/2010 11:00	5.4975	29.1927	105.9970699	105.949873	1.675638	105.952223	
110	190	1300	190.541666667	07/09/2010 13:00	07/09/2010 12:00	5.5207	29.1696	106.004096	105.956899	1.682709	105.959294	
110	190	1400	190.583333333	07/09/2010 14:00	07/09/2010 13:00	5.5468	29.1437	106.0120004	105.964803	1.690665	105.967250	
110	190	1500	190.625000000	07/09/2010 15:00	07/09/2010 14:00	5.5815	29.1092	106.0225093	105.975312	1.701241	105.977826	
110	190	1600	190.666666667	07/09/2010 16:00	07/09/2010 15:00	5.6096	29.0813	106.0310193	105.983822	1.709806	105.986391	
110	190	1700	190.708333333	07/09/2010 17:00	07/09/2010 16:00	5.6419	29.0492	106.0408014	105.993604	1.719651	105.996236	
110	190	1800	190.750000000	07/09/2010 18:00	07/09/2010 17:00	5.6728	29.0185	106.0501594	106.002962	1.729069	106.005654	
110	190	1900	190.791666667	07/09/2010 19:00	07/09/2010 18:00	5.7003	28.9912	106.0584878	106.011291	1.737451	106.014036	
110	190	2000	190.833333333	07/09/2010 20:00	07/09/2010 19:00	5.6969	28.9946	106.0574581	106.010261	1.736415	106.013000	
110	190	2100	190.875000000	07/09/2010 21:00	07/09/2010 20:00	5.7192	28.9724	106.0642116	106.017014	1.743212	106.019797	
110	190	2200	190.916666667	07/09/2010 22:00	07/09/2010 21:00	5.7442	28.9476	106.0717828	106.024586	1.750832	106.027417	
110	190	2300	190.958333333	07/09/2010 23:00	07/09/2010 22:00	5.7733	28.9186	106.0805957	106.033399	1.759702	106.036287	
110	191	0	191.000000000	07/10/2010 0:00	07/09/2010 23:00	5.8092	28.8830	106.091468	106.044271	1.770644	106.047229	
110	191	100	191.041666667	07/10/2010 1:00	07/10/2010 0:00	5.8269	28.8654	106.0968285	106.049631	1.776039	106.052624	
110	191	200	191.083333333	07/10/2010 2:00	07/10/2010 1:00	5.8431	28.8493	106.1017346	106.054538	1.780977	106.057562	
110	191	300	191.125000000	07/10/2010 3:00	07/10/2010 2:00	5.9242	28.7687	106.1262957	106.079099	1.805696	106.082281	
110	191	400	191.166666667	07/10/2010 4:00	07/10/2010 3:00	5.8581	28.8344	106.1062774	106.059080	1.785549	106.062134	
110	191	500	191.208333333	07/10/2010 5:00	07/10/2010 4:00	5.9315	28.7615	106.1285065	106.081309	1.807921	106.084506	
110	191	600	191.250000000	07/10/2010 6:00	07/10/2010 5:00	5.8608	28.8317	106.1070951	106.059898	1.786372	106.062957	
110	191	700	191.291666667	07/10/2010 7:00	07/10/2010 6:00	5.8388	28.8536	106.1004324	106.053235	1.779666	106.056251	
110	191	800	191.333333333	07/10/2010 8:00	07/10/2010 7:00	5.8186	28.8736	106.0943148	106.047118	1.773509	106.050094	
110	191	900	191.375000000	07/10/2010 9:00	07/10/2010 8:00	5.7919	28.9002	106.0862287	106.039032	1.765371	106.041956	
110	191	1000	191.416666667	07/10/2010 10:00	07/10/2010 9:00	5.7724	28.9195	106.0803232	106.033126	1.759428	106.036013	
110	191	1100	191.458333333	07/10/2010 11:00	07/10/2010 10:00	5.7444	28.9474	106.0718434	106.024646	1.750893	106.027478	
110	191	1200	191.500000000	07/10/2010 12:00	07/10/2010 11:00	5.7178	28.9738	106.0637876	106.016591	1.742785	106.019370	
110	191	1300	191.541666667	07/10/2010 13:00	07/10/2010 12:00	5.6945	28.9969	106.0567312	106.009534	1.735684	106.012269	
110	191	1400	191.583333333	07/10/2010 14:00	07/10/2010 13:00	5.6738	29.0175	106.0504622	106.003265	1.729374	106.005959	
110	191	1500	191.625000000	07/10/2010 15:00	07/10/2010 14:00	5.654	29.0372	106.0444658	105.997269	1.723339	105.999924	
110	191	1600	191.666666667	07/10/2010 16:00	07/10/2010 15:00	5.6445	29.0466	106.0415888	105.994392	1.720444	105.997029	
110	191	1700	191.708333333	07/10/2010 17:00	07/10/2010 16:00	5.6444	29.0467	106.0415585	105.994361	1.720413	105.996998	
110	191	1800	191.750000000	07/10/2010 18:00	07/10/2010 17:00	5.6367	29.0544	106.0392265	105.992029	1.718066	105.994651	
110	191	1900	191.791666667	07/10/2010 19:00	07/10/2010 18:00	5.6366	29.0545	106.0391963	105.991999	1.718036	105.994621	
110	191	2000	191.833333333	07/10/2010 20:00	07/10/2010 19:00	5.6241	29.0669	106.0354106	105.988214	1.714226	105.990811	
110	191	2100	191.875000000	07/10/2010 21:00	07/10/2010 20:00	5.6016	29.0893	106.0285965	105.981399	1.707368	105.983953	
110	191	2200	191.916666667	07/10/2010 22:00	07/10/2010 21:00	5.5979	29.0929	106.027476	105.980279	1.706240	105.982825	
110	191	2300	191.958333333	07/10/2010 23:00	07/10/2010 22:00	5.5796	29.1111	106.0219338	105.974737	1.700662	105.977247	
110	192	0	192.000000000	07/11/2010 0:00	07/10/2010 23:00	5.574	29.1167	106.0202379	105.973041	1.698955	105.975540	
110	192	100	192.041666667	07/11/2010 1:00	07/11/2010 0:00	5.5791	29.1116	106.0217824	105.974585	1.700510	105.977095	
110	192	200	192.083333333	07/11/2010 2:00	07/11/2010 1:00							
110	192	300	192.125000000	07/11/2010 3:00	07/11/2010 2:00							
110	192	400	192.166666667	07/11/2010 4:00	07/11/2010 3:00							
110	192	500	192.208333333	07/11/2010 5:00	07/11/2010 4:00	5.5681	29.1225	106.0184511	105.971254	1.697157	105.973742	
110	192	600	192.250000000	07/11/2010 6:00	07/11/2010 5:00	5.5587	29.1319	106.0156043	105.968407	1.694292	105.970877	
110	192	700	192.291666667	07/11/2010 7:00	07/11/2010 6:00	5.5499	29.1406	106.0129392	105.965742	1.691610	105.968195	
110	192	800	192.333333333	07/11/2010 8:00	07/11/2010 7:00	5.532	29.1584	106.0075182	105.960321	1.686154	105.962739	
110	192	900	192.375000000	07/11/2010 9:00	07/11/2010 8:00	5.5025	29.1877	105.9985842	105.951387	1.677162	105.953747	
110	192	1000	192.416666667	07/11/2010 10:00	07/11/2010 9:00	5.4594	29.2305	105.9855314	105.938334	1.664025	105.940610	
110	192	1100	192.458333333	07/11/2010 11:00	07/11/2010 10:00	5.397	29.2925	105.9666336	105.919436	1.645006	105.921591	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	192	1200	192.500000000	07/11/2010 12:00	07/11/2010 11:00	5.3197	29.3693	105.9432233	105.896026	1.621445	105.898030	
110	192	1300	192.541666667	07/11/2010 13:00	07/11/2010 12:00	5.255	29.4336	105.923629	105.876432	1.601724	105.878309	
110	192	1400	192.583333333	07/11/2010 14:00	07/11/2010 13:00	5.2135	29.4749	105.9110607	105.863864	1.589075	105.865660	
110	192	1500	192.625000000	07/11/2010 15:00	07/11/2010 14:00	5.1733	29.5148	105.8988862	105.851689	1.576822	105.853407	
110	192	1600	192.666666667	07/11/2010 16:00	07/11/2010 15:00	5.1656	29.5225	105.8965542	105.849357	1.574475	105.851060	
110	192	1700	192.708333333	07/11/2010 17:00	07/11/2010 16:00	5.1607	29.5273	105.8950703	105.847873	1.572981	105.849566	
110	192	1800	192.750000000	07/11/2010 18:00	07/11/2010 17:00	5.1727	29.5154	105.8987045	105.851507	1.576639	105.853224	
110	192	1900	192.791666667	07/11/2010 19:00	07/11/2010 18:00	5.195	29.4932	105.905458	105.858261	1.583436	105.860021	
110	192	2000	192.833333333	07/11/2010 20:00	07/11/2010 19:00	5.1743	29.5138	105.899189	105.851992	1.577127	105.853712	
110	192	2100	192.875000000	07/11/2010 21:00	07/11/2010 20:00	5.1905	29.4977	105.9040952	105.856898	1.582064	105.858649	
110	192	2200	192.916666667	07/11/2010 22:00	07/11/2010 21:00	5.1968	29.4915	105.9060031	105.858806	1.583985	105.860570	
110	192	2300	192.958333333	07/11/2010 23:00	07/11/2010 22:00	5.2165	29.4719	105.9119693	105.864772	1.589989	105.866574	
110	193	0	193.000000000	07/12/2010 0:00	07/11/2010 23:00	5.2179	29.4705	105.9123933	105.865196	1.590416	105.867001	
110	193	100	193.041666667	07/12/2010 1:00	07/12/2010 0:00	5.2219	29.4665	105.9136047	105.866408	1.591635	105.868220	
110	193	200	193.083333333	07/12/2010 2:00	07/12/2010 1:00	5.2359	29.4526	105.9178445	105.870647	1.595902	105.872487	
110	193	300	193.125000000	07/12/2010 3:00	07/12/2010 2:00	5.2479	29.4407	105.9214787	105.874282	1.599560	105.876145	
110	193	400	193.166666667	07/12/2010 4:00	07/12/2010 3:00	5.2605	29.4282	105.9252946	105.878098	1.603400	105.879985	
110	193	500	193.208333333	07/12/2010 5:00	07/12/2010 4:00	5.3015	29.3874	105.9377115	105.890514	1.615897	105.892482	
110	193	600	193.250000000	07/12/2010 6:00	07/12/2010 5:00	5.3065	29.3825	105.9392257	105.892029	1.617421	105.894006	
110	193	700	193.291666667	07/12/2010 7:00	07/12/2010 6:00	5.3016	29.3873	105.9377417	105.890545	1.615928	105.892513	
110	193	800	193.333333333	07/12/2010 8:00	07/12/2010 7:00	5.2871	29.4017	105.9333504	105.886153	1.611508	105.888093	
110	193	900	193.375000000	07/12/2010 9:00	07/12/2010 8:00	5.2802	29.4086	105.9312608	105.884064	1.609405	105.885990	
110	193	1000	193.416666667	07/12/2010 10:00	07/12/2010 9:00	5.2633	29.4254	105.9261426	105.878946	1.604254	105.880839	
110	193	1100	193.458333333	07/12/2010 11:00	07/12/2010 10:00	5.256	29.4326	105.9239318	105.876735	1.602029	105.878614	
110	193	1200	193.500000000	07/12/2010 12:00	07/12/2010 11:00	5.2497	29.4389	105.9220239	105.874827	1.600109	105.876694	
110	193	1300	193.541666667	07/12/2010 13:00	07/12/2010 12:00	5.2367	29.4518	105.9180868	105.870890	1.596146	105.872731	
110	193	1400	193.583333333	07/12/2010 14:00	07/12/2010 13:00	5.2178	29.4706	105.912363	105.865166	1.590385	105.866970	
110	193	1500	193.625000000	07/12/2010 15:00	07/12/2010 14:00	5.1887	29.4995	105.9035501	105.856353	1.581516	105.858101	
110	193	1600	193.666666667	07/12/2010 16:00	07/12/2010 15:00	5.1753	29.5128	105.8994919	105.852295	1.577431	105.854016	
110	193	1700	193.708333333	07/12/2010 17:00	07/12/2010 16:00	5.1554	29.5326	105.8934652	105.846268	1.571366	105.847951	
110	193	1800	193.750000000	07/12/2010 18:00	07/12/2010 17:00	5.1323	29.5555	105.8864694	105.839272	1.564325	105.840910	
110	193	1900	193.791666667	07/12/2010 19:00	07/12/2010 18:00	5.1194	29.5684	105.8825626	105.835365	1.560393	105.836978	
110	193	2000	193.833333333	07/12/2010 20:00	07/12/2010 19:00	5.0908	29.5968	105.8739011	105.826704	1.551676	105.828261	
110	193	2100	193.875000000	07/12/2010 21:00	07/12/2010 20:00	5.086	29.6016	105.8724474	105.825250	1.550213	105.826798	
110	193	2200	193.916666667	07/12/2010 22:00	07/12/2010 21:00	5.0714	29.6161	105.8680258	105.820829	1.545763	105.822348	
110	193	2300	193.958333333	07/12/2010 23:00	07/12/2010 22:00	5.0659	29.6215	105.8663602	105.819163	1.544086	105.820671	
110	194	0	194.000000000	07/13/2010 0:00	07/12/2010 23:00	5.0489	29.6384	105.8612117	105.814015	1.538905	105.815490	
110	194	100	194.041666667	07/13/2010 1:00	07/13/2010 0:00	5.0282	29.6590	105.8549427	105.807746	1.532595	105.809180	
110	194	200	194.083333333	07/13/2010 2:00	07/13/2010 1:00	4.9994	29.6876	105.8462207	105.799024	1.523817	105.800402	
110	194	300	194.125000000	07/13/2010 3:00	07/13/2010 2:00	4.9652	29.7216	105.8358632	105.788666	1.513393	105.789978	
110	194	400	194.166666667	07/13/2010 4:00	07/13/2010 3:00	4.9137	29.7727	105.8202665	105.773069	1.497696	105.774281	
110	194	500	194.208333333	07/13/2010 5:00	07/13/2010 4:00	4.8401	29.8459	105.7979768	105.750780	1.475262	105.751848	
110	194	600	194.250000000	07/13/2010 6:00	07/13/2010 5:00	4.7692	29.9163	105.7765048	105.729308	1.453652	105.730237	
110	194	700	194.291666667	07/13/2010 7:00	07/13/2010 6:00	4.6912	29.9938	105.7528825	105.705685	1.429878	105.706463	
110	194	800	194.333333333	07/13/2010 8:00	07/13/2010 7:00	4.6033	30.0812	105.7262621	105.679065	1.403086	105.679671	
110	194	900	194.375000000	07/13/2010 9:00	07/13/2010 8:00	4.5168	30.1671	105.7000656	105.652869	1.376721	105.653306	
110	194	1000	194.416666667	07/13/2010 10:00	07/13/2010 9:00	4.4442	30.2392	105.6780788	105.630882	1.354592	105.631177	
110	194	1100	194.458333333	07/13/2010 11:00	07/13/2010 10:00	4.3819	30.3011	105.6592113	105.612014	1.335603	105.612188	
110	194	1200	194.500000000	07/13/2010 12:00	07/13/2010 11:00	4.3316	30.3511	105.6439779	105.596781	1.320272	105.596857	
110	194	1300	194.541666667	07/13/2010 13:00	07/13/2010 12:00	4.3041	30.3784	105.6356496	105.588452	1.311890	105.588475	
110	194	1400	194.583333333	07/13/2010 14:00	07/13/2010 13:00	4.3045	30.3780	105.6357707	105.588574	1.312012	105.588597	
110	194	1500	194.625000000	07/13/2010 15:00	07/13/2010 14:00	4.2997	30.3828	105.634317	105.587120	1.310549	105.587134	
110	194	1600	194.666666667	07/13/2010 16:00	07/13/2010 15:00	4.3354	30.3473	105.6451288	105.597932	1.321430	105.598015	
110	194	1700	194.708333333	07/13/2010 17:00	07/13/2010 16:00	4.3789	30.3041	105.6583027	105.611106	1.334689	105.611274	
110	194	1800	194.750000000	07/13/2010 18:00	07/13/2010 17:00	4.4389	30.2445	105.6764737	105.629277	1.352977	105.629562	
110	194	1900	194.791666667	07/13/2010 19:00	07/13/2010 18:00	4.5672	30.1170	105.7153292	105.668132	1.392083	105.668668	
110	194	2000	194.833333333	07/13/2010 20:00	07/13/2010 19:00	4.5983	30.0861	105.7247478	105.677551	1.401562	105.678147	
110	194	2100	194.875000000	07/13/2010 21:00	07/13/2010 20:00	4.6479	30.0368	105.7397692	105.692572	1.416680	105.693265	
110	194	2200	194.916666667	07/13/2010 22:00	07/13/2010 21:00	4.6906	29.9944	105.7527008	105.705504	1.429695	105.706280	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	194	2300	194.958333333	07/13/2010 23:00	07/13/2010 22:00	4.725	29.9602	105.7631188	105.715922	1.440180	105.716765	
110	195	0	195.000000000	07/14/2010 0:00	07/13/2010 23:00	4.7363	29.9490	105.766541	105.719344	1.443624	105.720209	
110	195	100	195.041666667	07/14/2010 1:00	07/14/2010 0:00							
110	195	200	195.083333333	07/14/2010 2:00	07/14/2010 1:00							
110	195	300	195.125000000	07/14/2010 3:00	07/14/2010 2:00							
110	195	400	195.166666667	07/14/2010 4:00	07/14/2010 3:00							
110	195	500	195.208333333	07/14/2010 5:00	07/14/2010 4:00	4.6169	30.0676	105.7303808	105.683184	1.407231	105.683816	
110	195	600	195.250000000	07/14/2010 6:00	07/14/2010 5:00	4.5696	30.1146	105.7160561	105.668859	1.392814	105.669399	
110	195	700	195.291666667	07/14/2010 7:00	07/14/2010 6:00	4.517	30.1669	105.7001262	105.652929	1.376782	105.653367	
110	195	800	195.333333333	07/14/2010 8:00	07/14/2010 7:00	4.4718	30.2118	105.6864374	105.639240	1.363005	105.639590	
110	195	900	195.375000000	07/14/2010 9:00	07/14/2010 8:00	4.4365	30.2469	105.6757468	105.628550	1.352245	105.628830	
110	195	1000	195.416666667	07/14/2010 10:00	07/14/2010 9:00	4.4125	30.2707	105.6684784	105.621281	1.344930	105.621515	
110	195	1100	195.458333333	07/14/2010 11:00	07/14/2010 10:00	4.409	30.2742	105.6674185	105.620221	1.343863	105.620448	
110	195	1200	195.500000000	07/14/2010 12:00	07/14/2010 11:00	4.4042	30.2790	105.6659648	105.618768	1.342400	105.618985	
110	195	1300	195.541666667	07/14/2010 13:00	07/14/2010 12:00	4.4004	30.2828	105.664814	105.617617	1.341242	105.617827	
110	195	1400	195.583333333	07/14/2010 14:00	07/14/2010 13:00	4.3911	30.2920	105.6619975	105.614800	1.338407	105.614992	
110	195	1500	195.625000000	07/14/2010 15:00	07/14/2010 14:00	4.3946	30.2885	105.6630574	105.615860	1.339474	105.616059	
110	195	1600	195.666666667	07/14/2010 16:00	07/14/2010 15:00	4.4056	30.2776	105.6663888	105.619192	1.342827	105.619412	
110	195	1700	195.708333333	07/14/2010 17:00	07/14/2010 16:00	4.4343	30.2491	105.6750806	105.627883	1.351575	105.628160	
110	195	1800	195.750000000	07/14/2010 18:00	07/14/2010 17:00	4.4772	30.2065	105.6880728	105.640876	1.364651	105.641236	
110	195	1900	195.791666667	07/14/2010 19:00	07/14/2010 18:00	4.5332	30.1508	105.7050324	105.657835	1.381719	105.658304	
110	195	2000	195.833333333	07/14/2010 20:00	07/14/2010 19:00	4.577	30.1073	105.7182972	105.671100	1.395070	105.671655	
110	195	2100	195.875000000	07/14/2010 21:00	07/14/2010 20:00	4.6305	30.0541	105.7344996	105.687302	1.411376	105.687961	
110	195	2200	195.916666667	07/14/2010 22:00	07/14/2010 21:00	4.7009	29.9842	105.7558202	105.708623	1.432834	105.709419	
110	195	2300	195.958333333	07/14/2010 23:00	07/14/2010 22:00							
110	196	0	196.000000000	07/15/2010 0:00	07/14/2010 23:00	4.7989	29.8868	105.7854994	105.738302	1.462705	105.739290	
110	196	100	196.041666667	07/15/2010 1:00	07/15/2010 0:00	4.8384	29.8476	105.797462	105.750265	1.474744	105.751329	
110	196	200	196.083333333	07/15/2010 2:00	07/15/2010 1:00							
110	196	300	196.125000000	07/15/2010 3:00	07/15/2010 2:00							
110	196	400	196.166666667	07/15/2010 4:00	07/15/2010 3:00							
110	196	500	196.208333333	07/15/2010 5:00	07/15/2010 4:00	4.8816	29.8046	105.810545	105.763348	1.487912	105.764497	
110	196	600	196.250000000	07/15/2010 6:00	07/15/2010 5:00	4.8531	29.8330	105.8019138	105.754717	1.479225	105.755810	
110	196	700	196.291666667	07/15/2010 7:00	07/15/2010 6:00	4.8372	29.8488	105.7970985	105.749901	1.474379	105.750964	
110	196	800	196.333333333	07/15/2010 8:00	07/15/2010 7:00	4.8541	29.8320	105.8022167	105.755020	1.479530	105.756115	
110	196	900	196.375000000	07/15/2010 9:00	07/15/2010 8:00	4.9064	29.7800	105.8180557	105.770859	1.495471	105.772056	
110	196	1000	196.416666667	07/15/2010 10:00	07/15/2010 9:00	4.9601	29.7266	105.8343187	105.787122	1.511838	105.788424	
110	196	1100	196.458333333	07/15/2010 11:00	07/15/2010 10:00	5.0133	29.6738	105.8504303	105.803233	1.528054	105.804639	
110	196	1200	196.500000000	07/15/2010 12:00	07/15/2010 11:00	5.0586	29.6288	105.8641494	105.816952	1.541861	105.818446	
110	196	1300	196.541666667	07/15/2010 13:00	07/15/2010 12:00	5.0914	29.5962	105.8740828	105.826886	1.551859	105.828444	
110	196	1400	196.583333333	07/15/2010 14:00	07/15/2010 13:00	5.1205	29.5673	105.8828957	105.835699	1.560728	105.837313	
110	196	1500	196.625000000	07/15/2010 15:00	07/15/2010 14:00	5.1375	29.5504	105.8880442	105.840847	1.565910	105.842495	
110	196	1600	196.666666667	07/15/2010 16:00	07/15/2010 15:00	5.1581	29.5299	105.8942829	105.847086	1.572189	105.848774	
110	196	1700	196.708333333	07/15/2010 17:00	07/15/2010 16:00	5.1812	29.5070	105.9012787	105.854082	1.579230	105.855815	
110	196	1800	196.750000000	07/15/2010 18:00	07/15/2010 17:00	5.2026	29.4857	105.9077597	105.860563	1.585752	105.862338	
110	196	1900	196.791666667	07/15/2010 19:00	07/15/2010 18:00	5.225	29.4634	105.9145435	105.867346	1.592580	105.869165	
110	196	2000	196.833333333	07/15/2010 20:00	07/15/2010 19:00							
110	196	2100	196.875000000	07/15/2010 21:00	07/15/2010 20:00	5.2664	29.4223	105.9270814	105.879884	1.605199	105.881784	
110	196	2200	196.916666667	07/15/2010 22:00	07/15/2010 21:00	5.2756	29.4132	105.9298677	105.882671	1.608003	105.884588	
110	196	2300	196.958333333	07/15/2010 23:00	07/15/2010 22:00	5.3062	29.3828	105.9391348	105.891938	1.617330	105.893915	
110	197	0	197.000000000	07/16/2010 0:00	07/15/2010 23:00	5.3265	29.3626	105.9452827	105.898086	1.623517	105.900102	
110	197	100	197.041666667	07/16/2010 1:00	07/16/2010 0:00	5.3464	29.3428	105.9513094	105.904112	1.629583	105.906168	
110	197	200	197.083333333	07/16/2010 2:00	07/16/2010 1:00	5.3513	29.3379	105.9527934	105.905596	1.631076	105.907661	
110	197	300	197.125000000	07/16/2010 3:00	07/16/2010 2:00							
110	197	400	197.166666667	07/16/2010 4:00	07/16/2010 3:00	5.3103	29.3787	105.9403765	105.893179	1.618579	105.895164	
110	197	500	197.208333333	07/16/2010 5:00	07/16/2010 4:00	5.2794	29.4094	105.9310185	105.883821	1.609161	105.885746	
110	197	600	197.250000000	07/16/2010 6:00	07/16/2010 5:00	5.2431	29.4455	105.9200251	105.872828	1.598097	105.874682	
110	197	700	197.291666667	07/16/2010 7:00	07/16/2010 6:00	5.2179	29.4705	105.9123933	105.865196	1.590416	105.867001	
110	197	800	197.333333333	07/16/2010 8:00	07/16/2010 7:00	5.2072	29.4811	105.9091528	105.861956	1.587155	105.863740	
110	197	900	197.375000000	07/16/2010 9:00	07/16/2010 8:00	5.2144	29.4740	105.9113333	105.864136	1.589349	105.865934	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	197	1000	197.416666667	07/16/2010 10:00	07/16/2010 9:00	5.2298	29.4587	105.9159972	105.868800	1.594043	105.870628	
110	197	1100	197.458333333	07/16/2010 11:00	07/16/2010 10:00	5.2482	29.4404	105.9215696	105.874372	1.599651	105.876236	
110	197	1200	197.500000000	07/16/2010 12:00	07/16/2010 11:00	5.2723	29.4164	105.9288683	105.881671	1.606997	105.883582	
110	197	1300	197.541666667	07/16/2010 13:00	07/16/2010 12:00	5.2915	29.3974	105.934683	105.887486	1.612849	105.889434	
110	197	1400	197.583333333	07/16/2010 14:00	07/16/2010 13:00	5.3166	29.3724	105.9422845	105.895087	1.620500	105.897085	
110	197	1500	197.625000000	07/16/2010 15:00	07/16/2010 14:00	5.3303	29.3588	105.9464335	105.899236	1.624675	105.901260	
110	197	1600	197.666666667	07/16/2010 16:00	07/16/2010 15:00	5.3448	29.3444	105.9508248	105.903628	1.629095	105.905680	
110	197	1700	197.708333333	07/16/2010 17:00	07/16/2010 16:00	5.3669	29.3224	105.9575178	105.910321	1.635831	105.912416	
110	197	1800	197.750000000	07/16/2010 18:00	07/16/2010 17:00	5.3921	29.2974	105.9651496	105.917952	1.643512	105.920097	
110	197	1900	197.791666667	07/16/2010 19:00	07/16/2010 18:00	5.4094	29.2802	105.9703889	105.923192	1.648785	105.925370	
110	197	2000	197.833333333	07/16/2010 20:00	07/16/2010 19:00							
110	197	2100	197.875000000	07/16/2010 21:00	07/16/2010 20:00							
110	197	2200	197.916666667	07/16/2010 22:00	07/16/2010 21:00							
110	197	2300	197.958333333	07/16/2010 23:00	07/16/2010 22:00							
110	198	0	198.000000000	07/17/2010 0:00	07/16/2010 23:00							
110	198	100	198.041666667	07/17/2010 1:00	07/17/2010 0:00							
110	198	200	198.083333333	07/17/2010 2:00	07/17/2010 1:00							
110	198	300	198.125000000	07/17/2010 3:00	07/17/2010 2:00							
110	198	400	198.166666667	07/17/2010 4:00	07/17/2010 3:00							
110	198	500	198.208333333	07/17/2010 5:00	07/17/2010 4:00	4.8706	29.8156	105.8072137	105.760017	1.484559	105.761144	
110	198	600	198.250000000	07/17/2010 6:00	07/17/2010 5:00	4.8067	29.8791	105.7878616	105.740665	1.465082	105.741667	
110	198	700	198.291666667	07/17/2010 7:00	07/17/2010 6:00	4.7536	29.9318	105.7717803	105.724583	1.448897	105.725482	
110	198	800	198.333333333	07/17/2010 8:00	07/17/2010 7:00	4.7207	29.9645	105.7618166	105.714619	1.438869	105.715454	
110	198	900	198.375000000	07/17/2010 9:00	07/17/2010 8:00	4.713	29.9722	105.7594847	105.712288	1.436522	105.713107	
110	198	1000	198.416666667	07/17/2010 10:00	07/17/2010 9:00	4.7222	29.9630	105.7622709	105.715074	1.439327	105.715912	
110	198	1100	198.458333333	07/17/2010 11:00	07/17/2010 10:00	4.7435	29.9419	105.7687216	105.721524	1.445819	105.722404	
110	198	1200	198.500000000	07/17/2010 12:00	07/17/2010 11:00	4.7598	29.9257	105.773658	105.726461	1.450787	105.727372	
110	198	1300	198.541666667	07/17/2010 13:00	07/17/2010 12:00	4.7743	29.9113	105.7780493	105.730852	1.455207	105.731792	
110	198	1400	198.583333333	07/17/2010 14:00	07/17/2010 13:00	4.7763	29.9093	105.778655	105.731458	1.455816	105.732401	
110	198	1500	198.625000000	07/17/2010 15:00	07/17/2010 14:00	4.7613	29.9242	105.7741123	105.726915	1.451244	105.727829	
110	198	1600	198.666666667	07/17/2010 16:00	07/17/2010 15:00	4.7256	29.9596	105.7633006	105.716103	1.440363	105.716948	
110	198	1700	198.708333333	07/17/2010 17:00	07/17/2010 16:00	4.6825	30.0025	105.7502478	105.703051	1.427226	105.703811	
110	198	1800	198.750000000	07/17/2010 18:00	07/17/2010 17:00	4.6476	30.0371	105.7396783	105.692481	1.416588	105.693174	
110	198	1900	198.791666667	07/17/2010 19:00	07/17/2010 18:00	4.6207	30.0639	105.7315317	105.684335	1.408389	105.684974	
110	198	2000	198.833333333	07/17/2010 20:00	07/17/2010 19:00	4.5951	30.0893	105.7237787	105.676582	1.400586	105.677172	
110	198	2100	198.875000000	07/17/2010 21:00	07/17/2010 20:00	4.6205	30.0641	105.7314711	105.684274	1.408328	105.684913	
110	198	2200	198.916666667	07/17/2010 22:00	07/17/2010 21:00	4.6623	30.0225	105.7441302	105.696933	1.421069	105.697654	
110	198	2300	198.958333333	07/17/2010 23:00	07/17/2010 22:00	4.7073	29.9778	105.7577584	105.710561	1.434785	105.711370	
110	199	0	199.000000000	07/18/2010 0:00	07/17/2010 23:00	4.7272	29.9581	105.7637851	105.716588	1.440851	105.717436	
110	199	100	199.041666667	07/18/2010 1:00	07/18/2010 0:00	4.7327	29.9526	105.7654508	105.718254	1.442527	105.719112	
110	199	200	199.083333333	07/18/2010 2:00	07/18/2010 1:00	4.7309	29.9544	105.7649057	105.717709	1.441978	105.718563	
110	199	300	199.125000000	07/18/2010 3:00	07/18/2010 2:00	4.6983	29.9868	105.7550328	105.707836	1.432042	105.708627	
110	199	400	199.166666667	07/18/2010 4:00	07/18/2010 3:00	4.6715	30.0134	105.7469164	105.699719	1.423873	105.700458	
110	199	500	199.208333333	07/18/2010 5:00	07/18/2010 4:00	4.6423	30.0424	105.7380732	105.690876	1.414973	105.691558	
110	199	600	199.250000000	07/18/2010 6:00	07/18/2010 5:00	4.5833	30.1010	105.7202051	105.673008	1.396990	105.673575	
110	199	700	199.291666667	07/18/2010 7:00	07/18/2010 6:00	4.5441	30.1400	105.7083334	105.661136	1.385042	105.661627	
110	199	800	199.333333333	07/18/2010 8:00	07/18/2010 7:00	4.5151	30.1688	105.6995508	105.652354	1.376202	105.652788	
110	199	900	199.375000000	07/18/2010 9:00	07/18/2010 8:00	4.5146	30.1693	105.6993994	105.652202	1.376050	105.652635	
110	199	1000	199.416666667	07/18/2010 10:00	07/18/2010 9:00	4.5312	30.1528	105.7044267	105.657230	1.381110	105.657695	
110	199	1100	199.458333333	07/18/2010 11:00	07/18/2010 10:00	4.566	30.1182	105.7149658	105.667769	1.391717	105.668302	
110	199	1200	199.500000000	07/18/2010 12:00	07/18/2010 11:00	4.6061	30.0784	105.7271101	105.679913	1.403939	105.680524	
110	199	1300	199.541666667	07/18/2010 13:00	07/18/2010 12:00	4.6563	30.0285	105.7423131	105.695116	1.419240	105.695825	
110	199	1400	199.583333333	07/18/2010 14:00	07/18/2010 13:00	4.7027	29.9824	105.7563653	105.709168	1.433383	105.709968	
110	199	1500	199.625000000	07/18/2010 15:00	07/18/2010 14:00	4.753	29.9324	105.7715986	105.724402	1.448714	105.725299	
110	199	1600	199.666666667	07/18/2010 16:00	07/18/2010 15:00	4.8023	29.8834	105.7865291	105.739332	1.463741	105.740326	
110	199	1700	199.708333333	07/18/2010 17:00	07/18/2010 16:00	4.8208	29.8651	105.7921318	105.744935	1.469380	105.745965	
110	199	1800	199.750000000	07/18/2010 18:00	07/18/2010 17:00	4.8454	29.8406	105.7995819	105.752385	1.476878	105.753463	
110	199	1900	199.791666667	07/18/2010 19:00	07/18/2010 18:00	4.8826	29.8036	105.8108479	105.763651	1.488216	105.764802	
110	199	2000	199.833333333	07/18/2010 20:00	07/18/2010 19:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	199	2100	199.875000000	07/18/2010 21:00	07/18/2010 20:00							
110	199	2200	199.916666667	07/18/2010 22:00	07/18/2010 21:00							
110	199	2300	199.958333333	07/18/2010 23:00	07/18/2010 22:00							
110	200	0	200.000000000	07/19/2010 0:00	07/18/2010 23:00							
110	200	100	200.041666667	07/19/2010 1:00	07/19/2010 0:00							
110	200	200	200.083333333	07/19/2010 2:00	07/19/2010 1:00							
110	200	300	200.125000000	07/19/2010 3:00	07/19/2010 2:00							
110	200	400	200.166666667	07/19/2010 4:00	07/19/2010 3:00							
110	200	500	200.208333333	07/19/2010 5:00	07/19/2010 4:00	5.0469	29.6404	105.860606	105.813409	1.538295	105.814880	
110	200	600	200.250000000	07/19/2010 6:00	07/19/2010 5:00	5.0631	29.6243	105.8655122	105.818315	1.543233	105.819818	
110	200	700	200.291666667	07/19/2010 7:00	07/19/2010 6:00	5.0761	29.6114	105.8694492	105.822252	1.547195	105.823780	
110	200	800	200.333333333	07/19/2010 8:00	07/19/2010 7:00	5.065	29.6224	105.8660876	105.818890	1.543812	105.820397	
110	200	900	200.375000000	07/19/2010 9:00	07/19/2010 8:00	5.021	29.6661	105.8527622	105.805565	1.530401	105.806986	
110	200	1000	200.416666667	07/19/2010 10:00	07/19/2010 9:00	4.9557	29.7310	105.8329862	105.785789	1.510497	105.787082	
110	200	1100	200.458333333	07/19/2010 11:00	07/19/2010 10:00	4.8793	29.8069	105.8098485	105.762651	1.487211	105.763796	
110	200	1200	200.500000000	07/19/2010 12:00	07/19/2010 11:00	4.7936	29.8921	105.7838943	105.736697	1.461089	105.737674	
110	200	1300	200.541666667	07/19/2010 13:00	07/19/2010 12:00	4.7007	29.9844	105.7557596	105.708563	1.432773	105.709358	
110	200	1400	200.583333333	07/19/2010 14:00	07/19/2010 13:00	4.6127	30.0718	105.7291089	105.681912	1.405951	105.682536	
110	200	1500	200.625000000	07/19/2010 15:00	07/19/2010 14:00	4.5406	30.1435	105.7072734	105.660076	1.383975	105.660560	
110	200	1600	200.666666667	07/19/2010 16:00	07/19/2010 15:00	4.4869	30.1968	105.6910104	105.643813	1.367607	105.644192	
110	200	1700	200.708333333	07/19/2010 17:00	07/19/2010 16:00	4.4541	30.2294	105.681077	105.633880	1.357610	105.634195	
110	200	1800	200.750000000	07/19/2010 18:00	07/19/2010 17:00	4.4461	30.2374	105.6786542	105.631457	1.355171	105.631756	
110	200	1900	200.791666667	07/19/2010 19:00	07/19/2010 18:00	4.4643	30.2193	105.684166	105.636969	1.360719	105.637304	
110	200	2000	200.833333333	07/19/2010 20:00	07/19/2010 19:00							
110	200	2100	200.875000000	07/19/2010 21:00	07/19/2010 20:00							
110	200	2200	200.916666667	07/19/2010 22:00	07/19/2010 21:00							
110	200	2300	200.958333333	07/19/2010 23:00	07/19/2010 22:00							
110	201	0	201.000000000	07/20/2010 0:00	07/19/2010 23:00							
110	201	100	201.041666667	07/20/2010 1:00	07/20/2010 0:00							
110	201	200	201.083333333	07/20/2010 2:00	07/20/2010 1:00							
110	201	300	201.125000000	07/20/2010 3:00	07/20/2010 2:00							
110	201	400	201.166666667	07/20/2010 4:00	07/20/2010 3:00							
110	201	500	201.208333333	07/20/2010 5:00	07/20/2010 4:00	4.6624	30.0224	105.7441605	105.696963	1.421100	105.697685	
110	201	600	201.250000000	07/20/2010 6:00	07/20/2010 5:00	4.5718	30.1125	105.7167223	105.669525	1.393485	105.670070	
110	201	700	201.291666667	07/20/2010 7:00	07/20/2010 6:00	4.4994	30.1844	105.6947961	105.647599	1.371417	105.648002	
110	201	800	201.333333333	07/20/2010 8:00	07/20/2010 7:00	4.4221	30.2612	105.6713858	105.624189	1.347856	105.624441	
110	201	900	201.375000000	07/20/2010 9:00	07/20/2010 8:00	4.3273	30.3554	105.6426757	105.595479	1.318961	105.595546	
110	201	1000	201.416666667	07/20/2010 10:00	07/20/2010 9:00	4.2475	30.4347	105.6185083	105.571311	1.294638	105.571223	
110	201	1100	201.458333333	07/20/2010 11:00	07/20/2010 10:00	4.1683	30.5134	105.5945227	105.547326	1.270498	105.547083	
110	201	1200	201.500000000	07/20/2010 12:00	07/20/2010 11:00	4.0991	30.5821	105.5735655	105.526368	1.249406	105.525991	
110	201	1300	201.541666667	07/20/2010 13:00	07/20/2010 12:00	4.0609	30.6201	105.5619966	105.514800	1.237762	105.514347	
110	201	1400	201.583333333	07/20/2010 14:00	07/20/2010 13:00	4.0513	30.6296	105.5590893	105.511892	1.234836	105.511421	
110	201	1500	201.625000000	07/20/2010 15:00	07/20/2010 14:00	4.0615	30.6195	105.5621784	105.514981	1.237945	105.514530	
110	201	1600	201.666666667	07/20/2010 16:00	07/20/2010 15:00	4.0764	30.6047	105.5666908	105.519494	1.242487	105.519072	
110	201	1700	201.708333333	07/20/2010 17:00	07/20/2010 16:00	4.0948	30.5864	105.5722632	105.525066	1.248095	105.524680	
110	201	1800	201.750000000	07/20/2010 18:00	07/20/2010 17:00	4.1006	30.5806	105.5740198	105.526823	1.249863	105.526448	
110	201	1900	201.791666667	07/20/2010 19:00	07/20/2010 18:00	4.1243	30.5571	105.5811973	105.534000	1.257087	105.533672	
110	201	2000	201.833333333	07/20/2010 20:00	07/20/2010 19:00							
110	201	2100	201.875000000	07/20/2010 21:00	07/20/2010 20:00							
110	201	2200	201.916666667	07/20/2010 22:00	07/20/2010 21:00	4.086	30.5952	105.5695982	105.522401	1.245413	105.521998	
110	201	2300	201.958333333	07/20/2010 23:00	07/20/2010 22:00	4.0816	30.5995	105.5682656	105.521069	1.244072	105.520657	
110	202	0	202.000000000	07/21/2010 0:00	07/20/2010 23:00	4.0694	30.6116	105.5645709	105.517374	1.240353	105.516938	
110	202	100	202.041666667	07/21/2010 1:00	07/21/2010 0:00	4.0454	30.6355	105.5573025	105.510105	1.233038	105.509623	
110	202	200	202.083333333	07/21/2010 2:00	07/21/2010 1:00	4.0129	30.6678	105.5474599	105.500263	1.223132	105.499717	
110	202	300	202.125000000	07/21/2010 3:00	07/21/2010 2:00							
110	202	400	202.166666667	07/21/2010 4:00	07/21/2010 3:00							
110	202	500	202.208333333	07/21/2010 5:00	07/21/2010 4:00	3.9988	30.6818	105.5431897	105.495993	1.218834	105.495419	
110	202	600	202.250000000	07/21/2010 6:00	07/21/2010 5:00	3.9348	30.7454	105.5238073	105.476610	1.199327	105.475912	
110	202	700	202.291666667	07/21/2010 7:00	07/21/2010 6:00	3.8984	30.7815	105.5127836	105.465587	1.188232	105.464817	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	202	800	202.333333333	07/21/2010 8:00	07/21/2010 7:00	3.859	30.8207	105.5008514	105.453654	1.176223	105.452808	
110	202	900	202.375000000	07/21/2010 9:00	07/21/2010 8:00	3.8243	30.8552	105.4903425	105.443145	1.165647	105.442232	
110	202	1000	202.416666667	07/21/2010 10:00	07/21/2010 9:00	3.8034	30.8759	105.484013	105.436816	1.159276	105.435861	
110	202	1100	202.458333333	07/21/2010 11:00	07/21/2010 10:00	3.8022	30.8771	105.4836495	105.436452	1.158911	105.435496	
110	202	1200	202.500000000	07/21/2010 12:00	07/21/2010 11:00	3.8209	30.8586	105.4893128	105.442116	1.164610	105.441195	
110	202	1300	202.541666667	07/21/2010 13:00	07/21/2010 12:00	3.8495	30.8301	105.4979743	105.450777	1.173328	105.449913	
110	202	1400	202.583333333	07/21/2010 14:00	07/21/2010 13:00	3.8843	30.7956	105.5085135	105.461316	1.183935	105.460520	
110	202	1500	202.625000000	07/21/2010 15:00	07/21/2010 14:00	3.9052	30.7748	105.514843	105.467646	1.190305	105.466890	
110	202	1600	202.666666667	07/21/2010 16:00	07/21/2010 15:00	3.9094	30.7706	105.516115	105.468918	1.191585	105.468170	
110	202	1700	202.708333333	07/21/2010 17:00	07/21/2010 16:00	3.9162	30.7639	105.5181744	105.470977	1.193658	105.470243	
110	202	1800	202.750000000	07/21/2010 18:00	07/21/2010 17:00	3.922	30.7581	105.5199309	105.472734	1.195426	105.472011	
110	202	1900	202.791666667	07/21/2010 19:00	07/21/2010 18:00	3.9802	30.7003	105.5375567	105.490360	1.213165	105.489750	
110	202	2000	202.833333333	07/21/2010 20:00	07/21/2010 19:00							
110	202	2100	202.875000000	07/21/2010 21:00	07/21/2010 20:00							
110	202	2200	202.916666667	07/21/2010 22:00	07/21/2010 21:00							
110	202	2300	202.958333333	07/21/2010 23:00	07/21/2010 22:00							
110	203	0	203.000000000	07/22/2010 0:00	07/21/2010 23:00							
110	203	100	203.041666667	07/22/2010 1:00	07/22/2010 0:00							
110	203	200	203.083333333	07/22/2010 2:00	07/22/2010 1:00							
110	203	300	203.125000000	07/22/2010 3:00	07/22/2010 2:00							
110	203	400	203.166666667	07/22/2010 4:00	07/22/2010 3:00							
110	203	500	203.208333333	07/22/2010 5:00	07/22/2010 4:00	4.0995	30.5817	105.5736866	105.526490	1.249528	105.526113	
110	203	600	203.250000000	07/22/2010 6:00	07/22/2010 5:00	4.0843	30.5968	105.5690833	105.521886	1.244895	105.521480	
110	203	700	203.291666667	07/22/2010 7:00	07/22/2010 6:00	4.0476	30.6333	105.5579687	105.510772	1.233708	105.510294	
110	203	800	203.333333333	07/22/2010 8:00	07/22/2010 7:00	4.0118	30.6689	105.5471267	105.499930	1.222797	105.499382	
110	203	900	203.375000000	07/22/2010 9:00	07/22/2010 8:00	3.9858	30.6947	105.5392527	105.492056	1.214872	105.491457	
110	203	1000	203.416666667	07/22/2010 10:00	07/22/2010 9:00	3.9738	30.7066	105.5356185	105.488421	1.211214	105.487799	
110	203	1100	203.458333333	07/22/2010 11:00	07/22/2010 10:00	4.0018	30.6788	105.5440982	105.496901	1.219749	105.496334	
110	203	1200	203.500000000	07/22/2010 12:00	07/22/2010 11:00	4.0652	30.6158	105.5632989	105.516102	1.239073	105.515658	
110	203	1300	203.541666667	07/22/2010 13:00	07/22/2010 12:00	4.1315	30.5499	105.5833778	105.536181	1.259281	105.535866	
110	203	1400	203.583333333	07/22/2010 14:00	07/22/2010 13:00	4.1925	30.4893	105.6018516	105.554655	1.277874	105.554459	
110	203	1500	203.625000000	07/22/2010 15:00	07/22/2010 14:00	4.2408	30.4413	105.6164792	105.569282	1.292596	105.569181	
110	203	1600	203.666666667	07/22/2010 16:00	07/22/2010 15:00	4.2915	30.3910	105.6318337	105.584637	1.308049	105.584634	
110	203	1700	203.708333333	07/22/2010 17:00	07/22/2010 16:00	4.336	30.3468	105.6453105	105.598113	1.321613	105.598198	
110	203	1800	203.750000000	07/22/2010 18:00	07/22/2010 17:00	4.3944	30.2887	105.6629969	105.615800	1.339413	105.615998	
110	203	1900	203.791666667	07/22/2010 19:00	07/22/2010 18:00	4.5556	30.1286	105.7118162	105.664619	1.388547	105.665132	
110	203	2000	203.833333333	07/22/2010 20:00	07/22/2010 19:00							
110	203	2100	203.875000000	07/22/2010 21:00	07/22/2010 20:00							
110	203	2200	203.916666667	07/22/2010 22:00	07/22/2010 21:00							
110	203	2300	203.958333333	07/22/2010 23:00	07/22/2010 22:00							
110	204	0	204.000000000	07/23/2010 0:00	07/22/2010 23:00							
110	204	100	204.041666667	07/23/2010 1:00	07/23/2010 0:00							
110	204	200	204.083333333	07/23/2010 2:00	07/23/2010 1:00							
110	204	300	204.125000000	07/23/2010 3:00	07/23/2010 2:00							
110	204	400	204.166666667	07/23/2010 4:00	07/23/2010 3:00							
110	204	500	204.208333333	07/23/2010 5:00	07/23/2010 4:00	4.6509	30.0339	105.7406777	105.693481	1.417594	105.694179	
110	204	600	204.250000000	07/23/2010 6:00	07/23/2010 5:00	4.6477	30.0370	105.7397086	105.692511	1.416619	105.693204	
110	204	700	204.291666667	07/23/2010 7:00	07/23/2010 6:00	4.577	30.1073	105.7182972	105.671100	1.395070	105.671655	
110	204	800	204.333333333	07/23/2010 8:00	07/23/2010 7:00	4.569	30.1152	105.7158744	105.668677	1.392631	105.669216	
110	204	900	204.375000000	07/23/2010 9:00	07/23/2010 8:00	4.5642	30.1200	105.7144207	105.667224	1.391168	105.667753	
110	204	1000	204.416666667	07/23/2010 10:00	07/23/2010 9:00	4.5613	30.1229	105.7135424	105.666345	1.390284	105.666869	
110	204	1100	204.458333333	07/23/2010 11:00	07/23/2010 10:00	4.5632	30.1210	105.7141178	105.666921	1.390863	105.667448	
110	204	1200	204.500000000	07/23/2010 12:00	07/23/2010 11:00	4.6087	30.0758	105.7278975	105.680700	1.404732	105.681317	
110	204	1300	204.541666667	07/23/2010 13:00	07/23/2010 12:00	4.6204	30.0642	105.7314408	105.684244	1.408298	105.684883	
110	204	1400	204.583333333	07/23/2010 14:00	07/23/2010 13:00	4.6309	30.0537	105.7346207	105.687424	1.411498	105.688083	
110	204	1500	204.625000000	07/23/2010 15:00	07/23/2010 14:00	4.6339	30.0508	105.7355293	105.688332	1.412413	105.688998	
110	204	1600	204.666666667	07/23/2010 16:00	07/23/2010 15:00	4.6242	30.0604	105.7325916	105.685395	1.409456	105.686041	
110	204	1700	204.708333333	07/23/2010 17:00	07/23/2010 16:00	4.6044	30.0801	105.7265952	105.679398	1.403421	105.680006	
110	204	1800	204.750000000	07/23/2010 18:00	07/23/2010 17:00	4.5695	30.1147	105.7160258	105.668829	1.392784	105.669369	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	204	1900	204.791666667	07/23/2010 19:00	07/23/2010 18:00	4.5396	30.1445	105.7069706	105.659773	1.383670	105.660255	
110	204	2000	204.833333333	07/23/2010 20:00	07/23/2010 19:00							
110	204	2100	204.875000000	07/23/2010 21:00	07/23/2010 20:00							
110	204	2200	204.916666667	07/23/2010 22:00	07/23/2010 21:00							
110	204	2300	204.958333333	07/23/2010 23:00	07/23/2010 22:00							
110	205	0	205.000000000	07/24/2010 0:00	07/23/2010 23:00							
110	205	100	205.041666667	07/24/2010 1:00	07/24/2010 0:00							
110	205	200	205.083333333	07/24/2010 2:00	07/24/2010 1:00							
110	205	300	205.125000000	07/24/2010 3:00	07/24/2010 2:00							
110	205	400	205.166666667	07/24/2010 4:00	07/24/2010 3:00							
110	205	500	205.208333333	07/24/2010 5:00	07/24/2010 4:00	4.5186	30.1653	105.7006108	105.653414	1.377269	105.653854	
110	205	600	205.250000000	07/24/2010 6:00	07/24/2010 5:00	4.4733	30.2103	105.6868917	105.639695	1.363462	105.640047	
110	205	700	205.291666667	07/24/2010 7:00	07/24/2010 6:00	4.4198	30.2635	105.6706892	105.623492	1.347155	105.623740	
110	205	800	205.333333333	07/24/2010 8:00	07/24/2010 7:00	4.3629	30.3200	105.6534571	105.606260	1.329812	105.606397	
110	205	900	205.375000000	07/24/2010 9:00	07/24/2010 8:00	4.3039	30.3786	105.635589	105.588392	1.311829	105.588414	
110	205	1000	205.416666667	07/24/2010 10:00	07/24/2010 9:00	4.2508	30.4314	105.6195077	105.572311	1.295644	105.572229	
110	205	1100	205.458333333	07/24/2010 11:00	07/24/2010 10:00	4.2029	30.4790	105.6050012	105.557804	1.281044	105.557629	
110	205	1200	205.500000000	07/24/2010 12:00	07/24/2010 11:00	4.169	30.5127	105.5947346	105.547538	1.270711	105.547296	
110	205	1300	205.541666667	07/24/2010 13:00	07/24/2010 12:00	4.1435	30.5380	105.587012	105.539815	1.262939	105.539524	
110	205	1400	205.583333333	07/24/2010 14:00	07/24/2010 13:00	4.1261	30.5553	105.5817424	105.534545	1.257635	105.534220	
110	205	1500	205.625000000	07/24/2010 15:00	07/24/2010 14:00	4.1106	30.5707	105.5770483	105.529851	1.252911	105.529496	
110	205	1600	205.666666667	07/24/2010 16:00	07/24/2010 15:00	4.1174	30.5640	105.5791076	105.531911	1.254984	105.531569	
110	205	1700	205.708333333	07/24/2010 17:00	07/24/2010 16:00	4.1434	30.5381	105.5869817	105.539785	1.262908	105.539493	
110	205	1800	205.750000000	07/24/2010 18:00	07/24/2010 17:00	4.1725	30.5092	105.5957946	105.548598	1.271778	105.548363	
110	205	1900	205.791666667	07/24/2010 19:00	07/24/2010 18:00	4.2765	30.4059	105.6272909	105.580094	1.303477	105.580062	
110	205	2000	205.833333333	07/24/2010 20:00	07/24/2010 19:00							
110	205	2100	205.875000000	07/24/2010 21:00	07/24/2010 20:00							
110	205	2200	205.916666667	07/24/2010 22:00	07/24/2010 21:00							
110	205	2300	205.958333333	07/24/2010 23:00	07/24/2010 22:00							
110	206	0	206.000000000	07/25/2010 0:00	07/24/2010 23:00							
110	206	100	206.041666667	07/25/2010 1:00	07/25/2010 0:00							
110	206	200	206.083333333	07/25/2010 2:00	07/25/2010 1:00							
110	206	300	206.125000000	07/25/2010 3:00	07/25/2010 2:00							
110	206	400	206.166666667	07/25/2010 4:00	07/25/2010 3:00							
110	206	500	206.208333333	07/25/2010 5:00	07/25/2010 4:00	4.4171	30.2662	105.6698716	105.622674	1.346332	105.622917	
110	206	600	206.250000000	07/25/2010 6:00	07/25/2010 5:00	4.3862	30.2969	105.6605135	105.613316	1.336914	105.613499	
110	206	700	206.291666667	07/25/2010 7:00	07/25/2010 6:00	4.3482	30.3346	105.6490052	105.601808	1.325331	105.601916	
110	206	800	206.333333333	07/25/2010 8:00	07/25/2010 7:00	4.3179	30.3647	105.6398289	105.592632	1.316096	105.592681	
110	206	900	206.375000000	07/25/2010 9:00	07/25/2010 8:00	4.2803	30.4021	105.6284418	105.581245	1.304635	105.581220	
110	206	1000	206.416666667	07/25/2010 10:00	07/25/2010 9:00	4.2381	30.4440	105.6156615	105.568464	1.291773	105.568358	
110	206	1100	206.458333333	07/25/2010 11:00	07/25/2010 10:00	4.1981	30.4838	105.6035476	105.556350	1.279581	105.556166	
110	206	1200	206.500000000	07/25/2010 12:00	07/25/2010 11:00	4.1552	30.5264	105.5905553	105.543358	1.266505	105.543090	
110	206	1300	206.541666667	07/25/2010 13:00	07/25/2010 12:00	4.1105	30.5708	105.577018	105.529821	1.252880	105.529465	
110	206	1400	206.583333333	07/25/2010 14:00	07/25/2010 13:00	4.0738	30.6073	105.5659034	105.518706	1.241694	105.518279	
110	206	1500	206.625000000	07/25/2010 15:00	07/25/2010 14:00	4.0331	30.6477	105.5535774	105.506380	1.229289	105.505874	
110	206	1600	206.666666667	07/25/2010 16:00	07/25/2010 15:00	3.994	30.6866	105.541736	105.494539	1.217371	105.493956	
110	206	1700	206.708333333	07/25/2010 17:00	07/25/2010 16:00	3.9568	30.7235	105.53047	105.483273	1.206033	105.482618	
110	206	1800	206.750000000	07/25/2010 18:00	07/25/2010 17:00	3.9132	30.7668	105.5172658	105.470069	1.192743	105.469328	
110	206	1900	206.791666667	07/25/2010 19:00	07/25/2010 18:00	3.8731	30.8067	105.5051215	105.457924	1.180521	105.457106	
110	206	2000	206.833333333	07/25/2010 20:00	07/25/2010 19:00							
110	206	2100	206.875000000	07/25/2010 21:00	07/25/2010 20:00							
110	206	2200	206.916666667	07/25/2010 22:00	07/25/2010 21:00							
110	206	2300	206.958333333	07/25/2010 23:00	07/25/2010 22:00							
110	207	0	207.000000000	07/26/2010 0:00	07/25/2010 23:00							
110	207	100	207.041666667	07/26/2010 1:00	07/26/2010 0:00							
110	207	200	207.083333333	07/26/2010 2:00	07/26/2010 1:00							
110	207	300	207.125000000	07/26/2010 3:00	07/26/2010 2:00							
110	207	400	207.166666667	07/26/2010 4:00	07/26/2010 3:00							
110	207	500	207.208333333	07/26/2010 5:00	07/26/2010 4:00	3.6021	31.0760	105.4230494	105.375852	1.097920	105.374505	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	207	600	207.250000000	07/26/2010 6:00	07/26/2010 5:00	3.6134	31.0647	105.4264716	105.379274	1.101364	105.377949	
110	207	700	207.291666667	07/26/2010 7:00	07/26/2010 6:00	3.6244	31.0538	105.4298029	105.382606	1.104717	105.381302	
110	207	800	207.333333333	07/26/2010 8:00	07/26/2010 7:00	3.6283	31.0499	105.430984	105.383787	1.105906	105.382491	
110	207	900	207.375000000	07/26/2010 9:00	07/26/2010 8:00	3.6277	31.0505	105.4308023	105.383605	1.105723	105.382308	
110	207	1000	207.416666667	07/26/2010 10:00	07/26/2010 9:00	3.6185	31.0597	105.4280161	105.380819	1.102919	105.379504	
110	207	1100	207.458333333	07/26/2010 11:00	07/26/2010 10:00	3.6026	31.0755	105.4232008	105.376004	1.098072	105.374658	
110	207	1200	207.500000000	07/26/2010 12:00	07/26/2010 11:00	3.5988	31.0792	105.42205	105.374853	1.096914	105.373499	
110	207	1300	207.541666667	07/26/2010 13:00	07/26/2010 12:00	3.59	31.0880	105.4193849	105.372188	1.094232	105.370817	
110	207	1400	207.583333333	07/26/2010 14:00	07/26/2010 13:00	3.5852	31.0927	105.4179312	105.370734	1.092769	105.369354	
110	207	1500	207.625000000	07/26/2010 15:00	07/26/2010 14:00	3.5884	31.0896	105.4189004	105.371703	1.093744	105.370329	
110	207	1600	207.666666667	07/26/2010 16:00	07/26/2010 15:00	3.5929	31.0851	105.4202632	105.373066	1.095116	105.371701	
110	207	1700	207.708333333	07/26/2010 17:00	07/26/2010 16:00	3.5977	31.0803	105.4217169	105.374520	1.096579	105.373164	
110	207	1800	207.750000000	07/26/2010 18:00	07/26/2010 17:00	3.6016	31.0765	105.422898	105.375701	1.097768	105.374353	
110	207	1900	207.791666667	07/26/2010 19:00	07/26/2010 18:00	3.6269	31.0513	105.4305601	105.383363	1.105479	105.382064	
110	207	2000	207.833333333	07/26/2010 20:00	07/26/2010 19:00							
110	207	2100	207.875000000	07/26/2010 21:00	07/26/2010 20:00							
110	207	2200	207.916666667	07/26/2010 22:00	07/26/2010 21:00							
110	207	2300	207.958333333	07/26/2010 23:00	07/26/2010 22:00							
110	208	0	208.000000000	07/27/2010 0:00	07/26/2010 23:00							
110	208	100	208.041666667	07/27/2010 1:00	07/27/2010 0:00							
110	208	200	208.083333333	07/27/2010 2:00	07/27/2010 1:00							
110	208	300	208.125000000	07/27/2010 3:00	07/27/2010 2:00							
110	208	400	208.166666667	07/27/2010 4:00	07/27/2010 3:00							
110	208	500	208.208333333	07/27/2010 5:00	07/27/2010 4:00							
110	208	600	208.250000000	07/27/2010 6:00	07/27/2010 5:00	3.8969	30.7830	105.5123294	105.465132	1.187775	105.464360	
110	208	700	208.291666667	07/27/2010 7:00	07/27/2010 6:00	3.8719	30.8079	105.5047581	105.457561	1.180155	105.456740	
110	208	800	208.333333333	07/27/2010 8:00	07/27/2010 7:00	3.8281	30.8514	105.4914933	105.444296	1.166805	105.443390	
110	208	900	208.375000000	07/27/2010 9:00	07/27/2010 8:00	3.778	30.9012	105.4763206	105.429123	1.151534	105.428119	
110	208	1000	208.416666667	07/27/2010 10:00	07/27/2010 9:00	3.7205	30.9583	105.4589067	105.411710	1.134008	105.410593	
110	208	1100	208.458333333	07/27/2010 11:00	07/27/2010 10:00	3.6602	31.0182	105.4406449	105.393448	1.115629	105.392214	
110	208	1200	208.500000000	07/27/2010 12:00	07/27/2010 11:00	3.601	31.0770	105.4227163	105.375519	1.097585	105.374170	
110	208	1300	208.541666667	07/27/2010 13:00	07/27/2010 12:00	3.5426	31.1351	105.4050299	105.357833	1.079784	105.356370	
110	208	1400	208.583333333	07/27/2010 14:00	07/27/2010 13:00	3.4827	31.1946	105.3868892	105.339692	1.061527	105.338112	
110	208	1500	208.625000000	07/27/2010 15:00	07/27/2010 14:00	3.4472	31.2299	105.376138	105.328941	1.050707	105.327292	
110	208	1600	208.666666667	07/27/2010 16:00	07/27/2010 15:00	3.4291	31.2478	105.3706565	105.323459	1.045190	105.321775	
110	208	1700	208.708333333	07/27/2010 17:00	07/27/2010 16:00	3.447	31.2301	105.3760775	105.328880	1.050646	105.327231	
110	208	1800	208.750000000	07/27/2010 18:00	07/27/2010 17:00	3.4927	31.1847	105.3899177	105.342721	1.064575	105.341160	
110	208	1900	208.791666667	07/27/2010 19:00	07/27/2010 18:00	3.6581	31.0203	105.440009	105.392812	1.114989	105.391574	
110	208	2000	208.833333333	07/27/2010 20:00	07/27/2010 19:00							
110	208	2100	208.875000000	07/27/2010 21:00	07/27/2010 20:00							
110	208	2200	208.916666667	07/27/2010 22:00	07/27/2010 21:00							
110	208	2300	208.958333333	07/27/2010 23:00	07/27/2010 22:00							
110	209	0	209.000000000	07/28/2010 0:00	07/27/2010 23:00							
110	209	100	209.041666667	07/28/2010 1:00	07/28/2010 0:00							
110	209	200	209.083333333	07/28/2010 2:00	07/28/2010 1:00							
110	209	300	209.125000000	07/28/2010 3:00	07/28/2010 2:00							
110	209	400	209.166666667	07/28/2010 4:00	07/28/2010 3:00							
110	209	500	209.208333333	07/28/2010 5:00	07/28/2010 4:00	3.7327	30.9462	105.4626015	105.415404	1.137727	105.414312	
110	209	600	209.250000000	07/28/2010 6:00	07/28/2010 5:00	3.7116	30.9672	105.4562114	105.409014	1.131296	105.407881	
110	209	700	209.291666667	07/28/2010 7:00	07/28/2010 6:00	3.6832	30.9954	105.4476105	105.400413	1.122639	105.399224	
110	209	800	209.333333333	07/28/2010 8:00	07/28/2010 7:00	3.6647	31.0138	105.4420078	105.394811	1.117001	105.393586	
110	209	900	209.375000000	07/28/2010 9:00	07/28/2010 8:00	3.6683	31.0102	105.443098	105.395901	1.118098	105.394683	
110	209	1000	209.416666667	07/28/2010 10:00	07/28/2010 9:00	3.6921	30.9865	105.4503058	105.403109	1.125352	105.401937	
110	209	1100	209.458333333	07/28/2010 11:00	07/28/2010 10:00	3.7404	30.9385	105.4649334	105.417736	1.140074	105.416659	
110	209	1200	209.500000000	07/28/2010 12:00	07/28/2010 11:00	3.8	30.8793	105.4829833	105.435786	1.158240	105.434825	
110	209	1300	209.541666667	07/28/2010 13:00	07/28/2010 12:00	3.8594	30.8203	105.5009725	105.453775	1.176345	105.452930	
110	209	1400	209.583333333	07/28/2010 14:00	07/28/2010 13:00	3.9161	30.7640	105.5181441	105.470947	1.193627	105.470212	
110	209	1500	209.625000000	07/28/2010 15:00	07/28/2010 14:00	3.9687	30.7117	105.5340739	105.486877	1.209660	105.486245	
110	209	1600	209.666666667	07/28/2010 16:00	07/28/2010 15:00	4.0166	30.6641	105.5485804	105.501383	1.224260	105.500845	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	209	1700	209.708333333	07/28/2010 17:00	07/28/2010 16:00	4.0631	30.6179	105.5626629	105.515466	1.238433	105.515018	
110	209	1800	209.750000000	07/28/2010 18:00	07/28/2010 17:00	4.1483	30.5332	105.5884657	105.541269	1.264402	105.540987	
110	209	1900	209.791666667	07/28/2010 19:00	07/28/2010 18:00							
110	209	2000	209.833333333	07/28/2010 20:00	07/28/2010 19:00							
110	209	2100	209.875000000	07/28/2010 21:00	07/28/2010 20:00							
110	209	2200	209.916666667	07/28/2010 22:00	07/28/2010 21:00							
110	209	2300	209.958333333	07/28/2010 23:00	07/28/2010 22:00							
110	210	0	210.000000000	07/29/2010 0:00	07/28/2010 23:00							
110	210	100	210.041666667	07/29/2010 1:00	07/29/2010 0:00							
110	210	200	210.083333333	07/29/2010 2:00	07/29/2010 1:00							
110	210	300	210.125000000	07/29/2010 3:00	07/29/2010 2:00							
110	210	400	210.166666667	07/29/2010 4:00	07/29/2010 3:00							
110	210	500	210.208333333	07/29/2010 5:00	07/29/2010 4:00	4.2767	30.4057	105.6273515	105.580154	1.303538	105.580123	
110	210	600	210.250000000	07/29/2010 6:00	07/29/2010 5:00	4.241	30.4411	105.6165398	105.569343	1.292657	105.569242	
110	210	700	210.291666667	07/29/2010 7:00	07/29/2010 6:00	4.1866	30.4952	105.6000648	105.552868	1.276076	105.552661	
110	210	800	210.333333333	07/29/2010 8:00	07/29/2010 7:00	4.1162	30.5651	105.5787442	105.531547	1.254618	105.531203	
110	210	900	210.375000000	07/29/2010 9:00	07/29/2010 8:00	4.0443	30.6366	105.5569693	105.509772	1.232703	105.509288	
110	210	1000	210.416666667	07/29/2010 10:00	07/29/2010 9:00	3.9728	30.7076	105.5353156	105.488119	1.210909	105.487494	
110	210	1100	210.458333333	07/29/2010 11:00	07/29/2010 10:00	3.9086	30.7714	105.5158727	105.468676	1.191341	105.467926	
110	210	1200	210.500000000	07/29/2010 12:00	07/29/2010 11:00	3.8636	30.8161	105.5022445	105.455047	1.177625	105.454210	
110	210	1300	210.541666667	07/29/2010 13:00	07/29/2010 12:00	3.8534	30.8263	105.4991554	105.451958	1.174516	105.451101	
110	210	1400	210.583333333	07/29/2010 14:00	07/29/2010 13:00	3.8702	30.8096	105.5042433	105.457046	1.179637	105.456222	
110	210	1500	210.625000000	07/29/2010 15:00	07/29/2010 14:00	3.9098	30.7702	105.5162361	105.469039	1.191707	105.468292	
110	210	1600	210.666666667	07/29/2010 16:00	07/29/2010 15:00	3.9436	30.7366	105.5264724	105.479275	1.202009	105.478594	
110	210	1700	210.708333333	07/29/2010 17:00	07/29/2010 16:00	3.9693	30.7111	105.5342556	105.487059	1.209843	105.486428	
110	210	1800	210.750000000	07/29/2010 18:00	07/29/2010 17:00	3.9794	30.7011	105.5373144	105.490117	1.212921	105.489506	
110	210	1900	210.791666667	07/29/2010 19:00	07/29/2010 18:00	4.0395	30.6414	105.5555157	105.508319	1.231240	105.507825	
110	210	2000	210.833333333	07/29/2010 20:00	07/29/2010 19:00							
110	210	2100	210.875000000	07/29/2010 21:00	07/29/2010 20:00							
110	210	2200	210.916666667	07/29/2010 22:00	07/29/2010 21:00							
110	210	2300	210.958333333	07/29/2010 23:00	07/29/2010 22:00							
110	211	0	211.000000000	07/30/2010 0:00	07/29/2010 23:00							
110	211	100	211.041666667	07/30/2010 1:00	07/30/2010 0:00							
110	211	200	211.083333333	07/30/2010 2:00	07/30/2010 1:00							
110	211	300	211.125000000	07/30/2010 3:00	07/30/2010 2:00							
110	211	400	211.166666667	07/30/2010 4:00	07/30/2010 3:00							
110	211	500	211.208333333	07/30/2010 5:00	07/30/2010 4:00							
110	211	600	211.250000000	07/30/2010 6:00	07/30/2010 5:00	4.0429	30.6380	105.5565454	105.509348	1.232276	105.508861	
110	211	700	211.291666667	07/30/2010 7:00	07/30/2010 6:00	3.9742	30.7062	105.5357396	105.488543	1.211336	105.487921	
110	211	800	211.333333333	07/30/2010 8:00	07/30/2010 7:00	3.892	30.7879	105.5108454	105.463648	1.186282	105.462867	
110	211	900	211.375000000	07/30/2010 9:00	07/30/2010 8:00	3.8085	30.8709	105.4855575	105.438360	1.160831	105.437416	
110	211	1000	211.416666667	07/30/2010 10:00	07/30/2010 9:00	3.723	30.9558	105.4596639	105.412467	1.134770	105.411355	
110	211	1100	211.458333333	07/30/2010 11:00	07/30/2010 10:00	3.6456	31.0327	105.4362233	105.389026	1.111179	105.387764	
110	211	1200	211.500000000	07/30/2010 12:00	07/30/2010 11:00	3.5721	31.1058	105.4139639	105.366767	1.088776	105.365361	
110	211	1300	211.541666667	07/30/2010 13:00	07/30/2010 12:00	3.5107	31.1668	105.395369	105.348172	1.070061	105.346646	
110	211	1400	211.583333333	07/30/2010 14:00	07/30/2010 13:00	3.4663	31.2109	105.3819225	105.334725	1.056528	105.333113	
110	211	1500	211.625000000	07/30/2010 15:00	07/30/2010 14:00	3.4514	31.2257	105.37741	105.330213	1.051987	105.328572	
110	211	1600	211.666666667	07/30/2010 16:00	07/30/2010 15:00	3.4658	31.2114	105.381771	105.334574	1.056376	105.332961	
110	211	1700	211.708333333	07/30/2010 17:00	07/30/2010 16:00	3.5054	31.1720	105.3937639	105.346567	1.068446	105.345031	
110	211	1800	211.750000000	07/30/2010 18:00	07/30/2010 17:00	3.5504	31.1273	105.4073921	105.360195	1.082162	105.358747	
110	211	1900	211.791666667	07/30/2010 19:00	07/30/2010 18:00	3.6194	31.0588	105.4282887	105.381092	1.103193	105.379778	
110	211	2000	211.833333333	07/30/2010 20:00	07/30/2010 19:00							
110	211	2100	211.875000000	07/30/2010 21:00	07/30/2010 20:00							
110	211	2200	211.916666667	07/30/2010 22:00	07/30/2010 21:00	3.6225	31.0557	105.4292275	105.382030	1.104138	105.380723	
110	211	2300	211.958333333	07/30/2010 23:00	07/30/2010 22:00							
110	212	0	212.000000000	07/31/2010 0:00	07/30/2010 23:00	3.6361	31.0422	105.4333463	105.386149	1.108283	105.384868	
110	212	100	212.041666667	07/31/2010 1:00	07/31/2010 0:00							
110	212	200	212.083333333	07/31/2010 2:00	07/31/2010 1:00							
110	212	300	212.125000000	07/31/2010 3:00	07/31/2010 2:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	212	400	212.166666667	07/31/2010 4:00	07/31/2010 3:00							
110	212	500	212.208333333	07/31/2010 5:00	07/31/2010 4:00	3.6325	31.0457	105.432256	105.385059	1.107186	105.383771	
110	212	600	212.250000000	07/31/2010 6:00	07/31/2010 5:00	3.6102	31.0679	105.4255025	105.378305	1.100389	105.376974	
110	212	700	212.291666667	07/31/2010 7:00	07/31/2010 6:00	3.615	31.0631	105.4269561	105.379759	1.101852	105.378437	
110	212	800	212.333333333	07/31/2010 8:00	07/31/2010 7:00	3.5196	31.1579	105.3980643	105.350867	1.072774	105.349359	
110	212	900	212.375000000	07/31/2010 9:00	07/31/2010 8:00	3.4606	31.2165	105.3801962	105.332999	1.054791	105.331376	
110	212	1000	212.416666667	07/31/2010 10:00	07/31/2010 9:00	3.4025	31.2743	105.3626007	105.315404	1.037082	105.313667	
110	212	1100	212.458333333	07/31/2010 11:00	07/31/2010 10:00	3.3446	31.3318	105.3450657	105.297869	1.019434	105.296019	
110	212	1200	212.500000000	07/31/2010 12:00	07/31/2010 11:00	3.2862	31.3898	105.3273793	105.280182	1.001634	105.278219	
110	212	1300	212.541666667	07/31/2010 13:00	07/31/2010 12:00	3.2451	31.4307	105.3149322	105.267735	0.989106	105.265692	
110	212	1400	212.583333333	07/31/2010 14:00	07/31/2010 13:00	3.2222	31.4534	105.307997	105.260800	0.982127	105.258712	
110	212	1500	212.625000000	07/31/2010 15:00	07/31/2010 14:00	3.2196	31.4560	105.3072095	105.260012	0.981334	105.257919	
110	212	1600	212.666666667	07/31/2010 16:00	07/31/2010 15:00	3.2496	31.4262	105.316295	105.269098	0.990478	105.267063	
110	212	1700	212.708333333	07/31/2010 17:00	07/31/2010 16:00	3.3056	31.3706	105.3332546	105.286057	1.007547	105.284132	
110	212	1800	212.750000000	07/31/2010 18:00	07/31/2010 17:00	3.3473	31.3291	105.3458834	105.298686	1.020257	105.296842	
110	212	1900	212.791666667	07/31/2010 19:00	07/31/2010 18:00	3.411	31.2658	105.3651749	105.317978	1.039673	105.316258	
110	212	2000	212.833333333	07/31/2010 20:00	07/31/2010 19:00							
110	212	2100	212.875000000	07/31/2010 21:00	07/31/2010 20:00							
110	212	2200	212.916666667	07/31/2010 22:00	07/31/2010 21:00							
110	212	2300	212.958333333	07/31/2010 23:00	07/31/2010 22:00	3.2821	31.3939	105.3261376	105.278941	1.000384	105.276969	
110	213	0	213.000000000	08/01/2010 0:00	07/31/2010 23:00							
110	213	100	213.041666667	08/01/2010 1:00	08/01/2010 0:00							
110	213	200	213.083333333	08/01/2010 2:00	08/01/2010 1:00							
110	213	300	213.125000000	08/01/2010 3:00	08/01/2010 2:00							
110	213	400	213.166666667	08/01/2010 4:00	08/01/2010 3:00							
110	213	500	213.208333333	08/01/2010 5:00	08/01/2010 4:00	3.0995	31.5753	105.2708373	105.223640	0.944728	105.221313	
110	213	600	213.250000000	08/01/2010 6:00	08/01/2010 5:00	3.0702	31.6044	105.2619639	105.214767	0.935797	105.212382	
110	213	700	213.291666667	08/01/2010 7:00	08/01/2010 6:00	3.0318	31.6426	105.2503344	105.203137	0.924093	105.200678	
110	213	800	213.333333333	08/01/2010 8:00	08/01/2010 7:00	2.9854	31.6887	105.2362822	105.189085	0.909950	105.186535	
110	213	900	213.375000000	08/01/2010 9:00	08/01/2010 8:00	2.9379	31.7359	105.2218969	105.174700	0.895472	105.172057	
110	213	1000	213.416666667	08/01/2010 10:00	08/01/2010 9:00	2.8979	31.7756	105.2097829	105.162586	0.883280	105.159865	
110	213	1100	213.458333333	08/01/2010 11:00	08/01/2010 10:00	2.8638	31.8095	105.1994558	105.152259	0.872886	105.149471	
110	213	1200	213.500000000	08/01/2010 12:00	08/01/2010 11:00	2.8286	31.8445	105.1887955	105.141598	0.862157	105.138742	
110	213	1300	213.541666667	08/01/2010 13:00	08/01/2010 12:00	2.7889	31.8839	105.1767724	105.129575	0.850057	105.126642	
110	213	1400	213.583333333	08/01/2010 14:00	08/01/2010 13:00	2.754	31.9186	105.1662029	105.119006	0.839419	105.116004	
110	213	1500	213.625000000	08/01/2010 15:00	08/01/2010 14:00	2.7192	31.9532	105.1556638	105.108467	0.828812	105.105397	
110	213	1600	213.666666667	08/01/2010 16:00	08/01/2010 15:00	2.6924	31.9798	105.1475474	105.100350	0.820644	105.097229	
110	213	1700	213.708333333	08/01/2010 17:00	08/01/2010 16:00	2.6701	32.0020	105.1407939	105.093597	0.813846	105.090432	
110	213	1800	213.750000000	08/01/2010 18:00	08/01/2010 17:00	2.6489	32.0231	105.1343735	105.087176	0.807385	105.083970	
110	213	1900	213.791666667	08/01/2010 19:00	08/01/2010 18:00	2.6425	32.0294	105.1324352	105.085238	0.805434	105.082019	
110	213	2000	213.833333333	08/01/2010 20:00	08/01/2010 19:00	2.6293	32.0425	105.1284376	105.081241	0.801411	105.077996	
110	213	2100	213.875000000	08/01/2010 21:00	08/01/2010 20:00							
110	213	2200	213.916666667	08/01/2010 22:00	08/01/2010 21:00							
110	213	2300	213.958333333	08/01/2010 23:00	08/01/2010 22:00							
110	214	0	214.000000000	08/02/2010 0:00	08/01/2010 23:00							
110	214	100	214.041666667	08/02/2010 1:00	08/02/2010 0:00							
110	214	200	214.083333333	08/02/2010 2:00	08/02/2010 1:00							
110	214	300	214.125000000	08/02/2010 3:00	08/02/2010 2:00							
110	214	400	214.166666667	08/02/2010 4:00	08/02/2010 3:00							
110	214	500	214.208333333	08/02/2010 5:00	08/02/2010 4:00							
110	214	600	214.250000000	08/02/2010 6:00	08/02/2010 5:00	2.5008	32.1702	105.0895215	105.042324	0.762244	105.038829	
110	214	700	214.291666667	08/02/2010 7:00	08/02/2010 6:00	2.4831	32.1878	105.084161	105.036964	0.756849	105.033434	
110	214	800	214.333333333	08/02/2010 8:00	08/02/2010 7:00	2.4599	32.2108	105.0771349	105.029938	0.749778	105.026363	
110	214	900	214.375000000	08/02/2010 9:00	08/02/2010 8:00	2.4348	32.2358	105.0695334	105.022336	0.742127	105.018712	
110	214	1000	214.416666667	08/02/2010 10:00	08/02/2010 9:00	2.4068	32.2636	105.0610536	105.013857	0.733593	105.010178	
110	214	1100	214.458333333	08/02/2010 11:00	08/02/2010 10:00	2.3778	32.2924	105.052271	105.005074	0.724753	105.001338	
110	214	1200	214.500000000	08/02/2010 12:00	08/02/2010 11:00	2.3497	32.3203	105.043761	104.996564	0.716189	104.992774	
110	214	1300	214.541666667	08/02/2010 13:00	08/02/2010 12:00	2.3207	32.3492	105.0349783	104.987781	0.707349	104.983934	
110	214	1400	214.583333333	08/02/2010 14:00	08/02/2010 13:00	2.2946	32.3751	105.027074	104.979877	0.699394	104.975979	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	214	1500	214.625000000	08/02/2010 15:00	08/02/2010 14:00	2.279	32.3906	105.0223495	104.975152	0.694639	104.971224	
110	214	1600	214.666666667	08/02/2010 16:00	08/02/2010 15:00	2.2653	32.4042	105.0182005	104.971003	0.690463	104.967048	
110	214	1700	214.708333333	08/02/2010 17:00	08/02/2010 16:00	2.2894	32.3803	105.0254991	104.978302	0.697809	104.974394	
110	214	1800	214.750000000	08/02/2010 18:00	08/02/2010 17:00	2.3524	32.3177	105.0445786	104.997382	0.717012	104.993597	
110	214	1900	214.791666667	08/02/2010 19:00	08/02/2010 18:00	2.4819	32.1890	105.0837976	105.036601	0.756483	105.033068	
110	214	2000	214.833333333	08/02/2010 20:00	08/02/2010 19:00	2.5974	32.0742	105.1187767	105.071580	0.791688	105.068273	
110	214	2100	214.875000000	08/02/2010 21:00	08/02/2010 20:00	2.7017	31.9706	105.1503639	105.103167	0.823478	105.100063	
110	214	2200	214.916666667	08/02/2010 22:00	08/02/2010 21:00	2.756	31.9166	105.1668086	105.119612	0.840029	105.116614	
110	214	2300	214.958333333	08/02/2010 23:00	08/02/2010 22:00							
110	215	0	215.000000000	08/03/2010 0:00	08/02/2010 23:00							
110	215	100	215.041666667	08/03/2010 1:00	08/03/2010 0:00							
110	215	200	215.083333333	08/03/2010 2:00	08/03/2010 1:00							
110	215	300	215.125000000	08/03/2010 3:00	08/03/2010 2:00							
110	215	400	215.166666667	08/03/2010 4:00	08/03/2010 3:00							
110	215	500	215.208333333	08/03/2010 5:00	08/03/2010 4:00							
110	215	600	215.250000000	08/03/2010 6:00	08/03/2010 5:00	3.0728	31.6019	105.2627513	105.215554	0.936589	105.213174	
110	215	700	215.291666667	08/03/2010 7:00	08/03/2010 6:00	3.0721	31.6026	105.2625393	105.215342	0.936376	105.212961	
110	215	800	215.333333333	08/03/2010 8:00	08/03/2010 7:00	3.056	31.6186	105.2576634	105.210466	0.931469	105.208054	
110	215	900	215.375000000	08/03/2010 9:00	08/03/2010 8:00	3.0275	31.6469	105.2490322	105.201835	0.922782	105.199367	
110	215	1000	215.416666667	08/03/2010 10:00	08/03/2010 9:00	2.9965	31.6777	105.2396439	105.192447	0.913333	105.189918	
110	215	1100	215.458333333	08/03/2010 11:00	08/03/2010 10:00	2.9678	31.7062	105.2309521	105.183755	0.904585	105.181170	
110	215	1200	215.500000000	08/03/2010 12:00	08/03/2010 11:00	2.9533	31.7206	105.2265608	105.179364	0.900166	105.176751	
110	215	1300	215.541666667	08/03/2010 13:00	08/03/2010 12:00	2.9523	31.7216	105.2262579	105.179061	0.899861	105.176446	
110	215	1400	215.583333333	08/03/2010 14:00	08/03/2010 13:00	2.9706	31.7034	105.2318001	105.184603	0.905439	105.182024	
110	215	1500	215.625000000	08/03/2010 15:00	08/03/2010 14:00	3.0216	31.6527	105.2472454	105.200048	0.920984	105.197569	
110	215	1600	215.666666667	08/03/2010 16:00	08/03/2010 15:00	3.0805	31.5942	105.2650832	105.217886	0.938936	105.215521	
110	215	1700	215.708333333	08/03/2010 17:00	08/03/2010 16:00	3.1521	31.5231	105.2867672	105.239570	0.960760	105.237345	
110	215	1800	215.750000000	08/03/2010 18:00	08/03/2010 17:00	3.2318	31.4439	105.3109043	105.263707	0.985053	105.261638	
110	215	1900	215.791666667	08/03/2010 19:00	08/03/2010 18:00	3.349	31.3274	105.3463982	105.299201	1.020775	105.297360	
110	215	2000	215.833333333	08/03/2010 20:00	08/03/2010 19:00	3.4403	31.2367	105.3740484	105.326851	1.048603	105.325188	
110	215	2100	215.875000000	08/03/2010 21:00	08/03/2010 20:00	3.5207	31.1568	105.3983975	105.351200	1.073109	105.349694	
110	215	2200	215.916666667	08/03/2010 22:00	08/03/2010 21:00	3.5501	31.1276	105.4073012	105.360104	1.082070	105.358656	
110	215	2300	215.958333333	08/03/2010 23:00	08/03/2010 22:00							
110	216	0	216.000000000	08/04/2010 0:00	08/03/2010 23:00							
110	216	100	216.041666667	08/04/2010 1:00	08/04/2010 0:00							
110	216	200	216.083333333	08/04/2010 2:00	08/04/2010 1:00							
110	216	300	216.125000000	08/04/2010 3:00	08/04/2010 2:00							
110	216	400	216.166666667	08/04/2010 4:00	08/04/2010 3:00							
110	216	500	216.208333333	08/04/2010 5:00	08/04/2010 4:00							
110	216	600	216.250000000	08/04/2010 6:00	08/04/2010 5:00	3.4747	31.2025	105.3844664	105.337269	1.059089	105.335674	
110	216	700	216.291666667	08/04/2010 7:00	08/04/2010 6:00	3.455	31.2221	105.3785003	105.331303	1.053084	105.329669	
110	216	800	216.333333333	08/04/2010 8:00	08/04/2010 7:00	3.4301	31.2469	105.3709593	105.323762	1.045494	105.322080	
110	216	900	216.375000000	08/04/2010 9:00	08/04/2010 8:00	3.3985	31.2783	105.3613893	105.314192	1.035863	105.312448	
110	216	1000	216.416666667	08/04/2010 10:00	08/04/2010 9:00	3.3632	31.3133	105.3506987	105.303502	1.025103	105.301688	
110	216	1100	216.458333333	08/04/2010 11:00	08/04/2010 10:00	3.3367	31.3397	105.3426732	105.295476	1.017026	105.293611	
110	216	1200	216.500000000	08/04/2010 12:00	08/04/2010 11:00	3.315	31.3612	105.3361014	105.288904	1.010412	105.286997	
110	216	1300	216.541666667	08/04/2010 13:00	08/04/2010 12:00	3.3044	31.3717	105.3328912	105.285694	1.007181	105.283766	
110	216	1400	216.583333333	08/04/2010 14:00	08/04/2010 13:00	3.3121	31.3641	105.3352231	105.288026	1.009528	105.286113	
110	216	1500	216.625000000	08/04/2010 15:00	08/04/2010 14:00	3.3343	31.3420	105.3419464	105.294749	1.016295	105.292880	
110	216	1600	216.666666667	08/04/2010 16:00	08/04/2010 15:00	3.3703	31.3063	105.3528489	105.305652	1.027267	105.303852	
110	216	1700	216.708333333	08/04/2010 17:00	08/04/2010 16:00	3.4149	31.2620	105.366356	105.319159	1.040862	105.317447	
110	216	1800	216.750000000	08/04/2010 18:00	08/04/2010 17:00	3.4636	31.2136	105.3811048	105.333908	1.055705	105.332290	
110	216	1900	216.791666667	08/04/2010 19:00	08/04/2010 18:00	3.5417	31.1360	105.4047573	105.357560	1.079510	105.356095	
110	216	2000	216.833333333	08/04/2010 20:00	08/04/2010 19:00	3.6307	31.0475	105.4317109	105.384514	1.106637	105.383222	
110	216	2100	216.875000000	08/04/2010 21:00	08/04/2010 20:00							
110	216	2200	216.916666667	08/04/2010 22:00	08/04/2010 21:00							
110	216	2300	216.958333333	08/04/2010 23:00	08/04/2010 22:00							
110	217	0	217.000000000	08/05/2010 0:00	08/04/2010 23:00							
110	217	100	217.041666667	08/05/2010 1:00	08/05/2010 0:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	217	200	217.083333333	08/05/2010 2:00	08/05/2010 1:00							
110	217	300	217.125000000	08/05/2010 3:00	08/05/2010 2:00							
110	217	400	217.166666667	08/05/2010 4:00	08/05/2010 3:00							
110	217	500	217.208333333	08/05/2010 5:00	08/05/2010 4:00							
110	217	600	217.250000000	08/05/2010 6:00	08/05/2010 5:00	3.7628	30.9163	105.4717173	105.424520	1.146901	105.423486	
110	217	700	217.291666667	08/05/2010 7:00	08/05/2010 6:00	3.6919	30.9867	105.4502453	105.403048	1.125291	105.401876	
110	217	800	217.333333333	08/05/2010 8:00	08/05/2010 7:00	3.6155	31.0626	105.4271076	105.379910	1.102004	105.378589	
110	217	900	217.375000000	08/05/2010 9:00	08/05/2010 8:00	3.5441	31.1336	105.4054841	105.358287	1.080242	105.356827	
110	217	1000	217.416666667	08/05/2010 10:00	08/05/2010 9:00	3.4859	31.1914	105.3878583	105.340661	1.062502	105.339087	
110	217	1100	217.458333333	08/05/2010 11:00	08/05/2010 10:00	3.4392	31.2378	105.3737152	105.326518	1.048268	105.324853	
110	217	1200	217.500000000	08/05/2010 12:00	08/05/2010 11:00	3.4079	31.2689	105.3642361	105.317039	1.038728	105.315313	
110	217	1300	217.541666667	08/05/2010 13:00	08/05/2010 12:00	3.3904	31.2863	105.3589362	105.311739	1.033394	105.309979	
110	217	1400	217.583333333	08/05/2010 14:00	08/05/2010 13:00	3.3779	31.2987	105.3551506	105.307953	1.029584	105.306169	
110	217	1500	217.625000000	08/05/2010 15:00	08/05/2010 14:00	3.3769	31.2997	105.3548477	105.307651	1.029279	105.305864	
110	217	1600	217.666666667	08/05/2010 16:00	08/05/2010 15:00	3.3707	31.3059	105.3529701	105.305773	1.027389	105.303974	
110	217	1700	217.708333333	08/05/2010 17:00	08/05/2010 16:00	3.384	31.2927	105.356998	105.309801	1.031443	105.308028	
110	217	1800	217.750000000	08/05/2010 18:00	08/05/2010 17:00	3.3988	31.2780	105.3614801	105.314283	1.035954	105.312539	
110	217	1900	217.791666667	08/05/2010 19:00	08/05/2010 18:00	3.4421	31.2349	105.3745935	105.327396	1.049152	105.325737	
110	217	2000	217.833333333	08/05/2010 20:00	08/05/2010 19:00							
110	217	2100	217.875000000	08/05/2010 21:00	08/05/2010 20:00							
110	217	2200	217.916666667	08/05/2010 22:00	08/05/2010 21:00							
110	217	2300	217.958333333	08/05/2010 23:00	08/05/2010 22:00							
110	218	0	218.000000000	08/06/2010 0:00	08/05/2010 23:00							
110	218	100	218.041666667	08/06/2010 1:00	08/06/2010 0:00							
110	218	200	218.083333333	08/06/2010 2:00	08/06/2010 1:00							
110	218	300	218.125000000	08/06/2010 3:00	08/06/2010 2:00							
110	218	400	218.166666667	08/06/2010 4:00	08/06/2010 3:00							
110	218	500	218.208333333	08/06/2010 5:00	08/06/2010 4:00							
110	218	600	218.250000000	08/06/2010 6:00	08/06/2010 5:00	3.5798	31.0981	105.4162959	105.369099	1.091123	105.367708	
110	218	700	218.291666667	08/06/2010 7:00	08/06/2010 6:00	3.528	31.1496	105.4006083	105.353411	1.075334	105.351919	
110	218	800	218.333333333	08/06/2010 8:00	08/06/2010 7:00	3.4823	31.1950	105.386768	105.339571	1.061405	105.337990	
110	218	900	218.375000000	08/06/2010 9:00	08/06/2010 8:00	3.441	31.2360	105.3742604	105.327063	1.048817	105.325402	
110	218	1000	218.416666667	08/06/2010 10:00	08/06/2010 9:00	3.4009	31.2759	105.3621161	105.314919	1.036594	105.313179	
110	218	1100	218.458333333	08/06/2010 11:00	08/06/2010 10:00	3.3699	31.3067	105.3527278	105.305531	1.027146	105.303731	
110	218	1200	218.500000000	08/06/2010 12:00	08/06/2010 11:00	3.3438	31.3326	105.3448234	105.297626	1.019190	105.295775	
110	218	1300	218.541666667	08/06/2010 13:00	08/06/2010 12:00	3.3273	31.3490	105.3398264	105.292629	1.014161	105.290746	
110	218	1400	218.583333333	08/06/2010 14:00	08/06/2010 13:00	3.3269	31.3494	105.3397053	105.292508	1.014039	105.290624	
110	218	1500	218.625000000	08/06/2010 15:00	08/06/2010 14:00	3.3424	31.3340	105.3443994	105.297202	1.018764	105.295349	
110	218	1600	218.666666667	08/06/2010 16:00	08/06/2010 15:00	3.3866	31.2901	105.3577854	105.310588	1.032236	105.308821	
110	218	1700	218.708333333	08/06/2010 17:00	08/06/2010 16:00	3.4455	31.2316	105.3756232	105.328426	1.050188	105.326773	
110	218	1800	218.750000000	08/06/2010 18:00	08/06/2010 17:00	3.5007	31.1767	105.3923405	105.345143	1.067013	105.343598	
110	218	1900	218.791666667	08/06/2010 19:00	08/06/2010 18:00	3.5719	31.1060	105.4139033	105.366706	1.088715	105.365300	
110	218	2000	218.833333333	08/06/2010 20:00	08/06/2010 19:00	3.6032	31.0749	105.4233825	105.376185	1.098255	105.374840	
110	218	2100	218.875000000	08/06/2010 21:00	08/06/2010 20:00							
110	218	2200	218.916666667	08/06/2010 22:00	08/06/2010 21:00	3.6377	31.0406	105.4338308	105.386634	1.108771	105.385356	
110	218	2300	218.958333333	08/06/2010 23:00	08/06/2010 22:00	3.6295	31.0487	105.4313475	105.384150	1.106272	105.382857	
110	219	0	219.000000000	08/07/2010 0:00	08/06/2010 23:00	3.6114	31.0667	105.4258659	105.378669	1.100755	105.377340	
110	219	100	219.041666667	08/07/2010 1:00	08/07/2010 0:00	3.5945	31.0835	105.4207477	105.373551	1.095604	105.372189	
110	219	200	219.083333333	08/07/2010 2:00	08/07/2010 1:00	3.5956	31.0824	105.4210809	105.373884	1.095939	105.372524	
110	219	300	219.125000000	08/07/2010 3:00	08/07/2010 2:00							
110	219	400	219.166666667	08/07/2010 4:00	08/07/2010 3:00							
110	219	500	219.208333333	08/07/2010 5:00	08/07/2010 4:00	3.5722	31.1057	105.4139942	105.366797	1.088807	105.365392	
110	219	600	219.250000000	08/07/2010 6:00	08/07/2010 5:00	3.5483	31.1294	105.4067561	105.359559	1.081522	105.358107	
110	219	700	219.291666667	08/07/2010 7:00	08/07/2010 6:00	3.5249	31.1527	105.3996694	105.352472	1.074390	105.350975	
110	219	800	219.333333333	08/07/2010 8:00	08/07/2010 7:00	3.4953	31.1821	105.3907051	105.343508	1.065367	105.341952	
110	219	900	219.375000000	08/07/2010 9:00	08/07/2010 8:00	3.4594	31.2177	105.3798328	105.332636	1.054425	105.331010	
110	219	1000	219.416666667	08/07/2010 10:00	08/07/2010 9:00	3.4177	31.2592	105.367204	105.320007	1.041715	105.318300	
110	219	1100	219.458333333	08/07/2010 11:00	08/07/2010 10:00	3.3757	31.3009	105.3544843	105.307287	1.028913	105.305498	
110	219	1200	219.500000000	08/07/2010 12:00	08/07/2010 11:00	3.3322	31.3441	105.3413104	105.294113	1.015655	105.292240	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	219	1300	219.541666667	08/07/2010 13:00	08/07/2010 12:00	3.2822	31.3938	105.3261679	105.278971	1.000415	105.277000	
110	219	1400	219.583333333	08/07/2010 14:00	08/07/2010 13:00	3.2432	31.4326	105.3143568	105.267160	0.988527	105.265112	
110	219	1500	219.625000000	08/07/2010 15:00	08/07/2010 14:00	3.2316	31.4441	105.3108437	105.263647	0.984992	105.261577	
110	219	1600	219.666666667	08/07/2010 16:00	08/07/2010 15:00	3.2466	31.4292	105.3153865	105.268189	0.989564	105.266149	
110	219	1700	219.708333333	08/07/2010 17:00	08/07/2010 16:00	3.3076	31.3686	105.3338603	105.286663	1.008156	105.284742	
110	219	1800	219.750000000	08/07/2010 18:00	08/07/2010 17:00	3.3805	31.2961	105.355938	105.308741	1.030376	105.306961	
110	219	1900	219.791666667	08/07/2010 19:00	08/07/2010 18:00							
110	219	2000	219.833333333	08/07/2010 20:00	08/07/2010 19:00							
110	219	2100	219.875000000	08/07/2010 21:00	08/07/2010 20:00							
110	219	2200	219.916666667	08/07/2010 22:00	08/07/2010 21:00	3.6653	31.0132	105.4421895	105.394992	1.117183	105.393768	
110	219	2300	219.958333333	08/07/2010 23:00	08/07/2010 22:00							
110	220	0	220.000000000	08/08/2010 0:00	08/07/2010 23:00							
110	220	100	220.041666667	08/08/2010 1:00	08/08/2010 0:00							
110	220	200	220.083333333	08/08/2010 2:00	08/08/2010 1:00							
110	220	300	220.125000000	08/08/2010 3:00	08/08/2010 2:00							
110	220	400	220.166666667	08/08/2010 4:00	08/08/2010 3:00							
110	220	500	220.208333333	08/08/2010 5:00	08/08/2010 4:00							
110	220	600	220.250000000	08/08/2010 6:00	08/08/2010 5:00	3.5622	31.1156	105.4109657	105.363769	1.085759	105.362344	
110	220	700	220.291666667	08/08/2010 7:00	08/08/2010 6:00	3.5103	31.1672	105.3952478	105.348051	1.069939	105.346524	
110	220	800	220.333333333	08/08/2010 8:00	08/08/2010 7:00	3.4537	31.2234	105.3781066	105.330909	1.052688	105.329273	
110	220	900	220.375000000	08/08/2010 9:00	08/08/2010 8:00	3.3993	31.2775	105.3616316	105.314434	1.036107	105.312692	
110	220	1000	220.416666667	08/08/2010 10:00	08/08/2010 9:00	3.3491	31.3273	105.3464285	105.299231	1.020806	105.297391	
110	220	1100	220.458333333	08/08/2010 11:00	08/08/2010 10:00	3.3087	31.3675	105.3341934	105.286996	1.008492	105.285077	
110	220	1200	220.500000000	08/08/2010 12:00	08/08/2010 11:00	3.2668	31.4091	105.321504	105.274307	0.995721	105.272306	
110	220	1300	220.541666667	08/08/2010 13:00	08/08/2010 12:00	3.2277	31.4480	105.3096626	105.262466	0.983803	105.260388	
110	220	1400	220.583333333	08/08/2010 14:00	08/08/2010 13:00	3.1958	31.4797	105.3000017	105.252805	0.974080	105.250665	
110	220	1500	220.625000000	08/08/2010 15:00	08/08/2010 14:00	3.1551	31.5201	105.2876758	105.240479	0.961674	105.238260	
110	220	1600	220.666666667	08/08/2010 16:00	08/08/2010 15:00	3.1271	31.5479	105.279196	105.231999	0.953140	105.229725	
110	220	1700	220.708333333	08/08/2010 17:00	08/08/2010 16:00	3.098	31.5768	105.2703831	105.223186	0.944270	105.220855	
110	220	1800	220.750000000	08/08/2010 18:00	08/08/2010 17:00	3.0739	31.6008	105.2630844	105.215887	0.936925	105.213510	
110	220	1900	220.791666667	08/08/2010 19:00	08/08/2010 18:00	3.0562	31.6184	105.257724	105.210527	0.931530	105.208115	
110	220	2000	220.833333333	08/08/2010 20:00	08/08/2010 19:00	3.0443	31.6302	105.2541201	105.206923	0.927903	105.204488	
110	220	2100	220.875000000	08/08/2010 21:00	08/08/2010 20:00	3.0155	31.6588	105.245398	105.198201	0.919124	105.195709	
110	220	2200	220.916666667	08/08/2010 22:00	08/08/2010 21:00	2.9931	31.6811	105.2386142	105.191417	0.912297	105.188882	
110	220	2300	220.958333333	08/08/2010 23:00	08/08/2010 22:00	2.9549	31.7190	105.2270453	105.179848	0.900654	105.177239	
110	221	0	221.000000000	08/09/2010 0:00	08/08/2010 23:00							
110	221	100	221.041666667	08/09/2010 1:00	08/09/2010 0:00							
110	221	200	221.083333333	08/09/2010 2:00	08/09/2010 1:00							
110	221	300	221.125000000	08/09/2010 3:00	08/09/2010 2:00							
110	221	400	221.166666667	08/09/2010 4:00	08/09/2010 3:00							
110	221	500	221.208333333	08/09/2010 5:00	08/09/2010 4:00							
110	221	600	221.250000000	08/09/2010 6:00	08/09/2010 5:00	2.7593	31.9134	105.167808	105.120611	0.841035	105.117620	
110	221	700	221.291666667	08/09/2010 7:00	08/09/2010 6:00	2.7279	31.9446	105.1582986	105.111101	0.831464	105.108049	
110	221	800	221.333333333	08/09/2010 8:00	08/09/2010 7:00	2.7041	31.9682	105.1510907	105.103894	0.824210	105.100795	
110	221	900	221.375000000	08/09/2010 9:00	08/09/2010 8:00	2.6905	31.9817	105.146972	105.099775	0.820064	105.096649	
110	221	1000	221.416666667	08/09/2010 10:00	08/09/2010 9:00	2.666	32.0061	105.1395522	105.092355	0.812597	105.089182	
110	221	1100	221.458333333	08/09/2010 11:00	08/09/2010 10:00	2.646	32.0259	105.1334952	105.086298	0.806501	105.083086	
110	221	1200	221.500000000	08/09/2010 12:00	08/09/2010 11:00	2.6379	32.0340	105.1310421	105.083845	0.804032	105.080617	
110	221	1300	221.541666667	08/09/2010 13:00	08/09/2010 12:00	2.6379	32.0340	105.1310421	105.083845	0.804032	105.080617	
110	221	1400	221.583333333	08/09/2010 14:00	08/09/2010 13:00	2.6705	32.0016	105.140915	105.093718	0.813968	105.090553	
110	221	1500	221.625000000	08/09/2010 15:00	08/09/2010 14:00	2.7224	31.9500	105.1566329	105.109436	0.829788	105.106373	
110	221	1600	221.666666667	08/09/2010 16:00	08/09/2010 15:00	2.7824	31.8904	105.1748038	105.127607	0.848076	105.124661	
110	221	1700	221.708333333	08/09/2010 17:00	08/09/2010 16:00	2.8598	31.8135	105.1982444	105.151047	0.871667	105.148252	
110	221	1800	221.750000000	08/09/2010 18:00	08/09/2010 17:00	2.923	31.7507	105.2173844	105.170187	0.890930	105.167515	
110	221	1900	221.791666667	08/09/2010 19:00	08/09/2010 18:00	2.9668	31.7072	105.2306492	105.183452	0.904281	105.180866	
110	221	2000	221.833333333	08/09/2010 20:00	08/09/2010 19:00	3.0263	31.6481	105.2486688	105.201472	0.922416	105.199001	
110	221	2100	221.875000000	08/09/2010 21:00	08/09/2010 20:00	3.0759	31.5988	105.2636901	105.216493	0.937534	105.214119	
110	221	2200	221.916666667	08/09/2010 22:00	08/09/2010 21:00	3.1089	31.5660	105.2736841	105.226487	0.947593	105.224178	
110	221	2300	221.958333333	08/09/2010 23:00	08/09/2010 22:00	3.1393	31.5358	105.2828907	105.235694	0.956859	105.233444	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	222	0	222.000000000	08/10/2010 0:00	08/09/2010 23:00	3.1549	31.5203	105.2876152	105.240418	0.961614	105.238199	
110	222	100	222.041666667	08/10/2010 1:00	08/10/2010 0:00	3.1752	31.5001	105.293763	105.246566	0.967801	105.244386	
110	222	200	222.083333333	08/10/2010 2:00	08/10/2010 1:00	3.1985	31.4770	105.3008194	105.253622	0.974903	105.251488	
110	222	300	222.125000000	08/10/2010 3:00	08/10/2010 2:00	3.218	31.4576	105.306725	105.259528	0.980846	105.257431	
110	222	400	222.166666667	08/10/2010 4:00	08/10/2010 3:00	3.2224	31.4532	105.3080575	105.260860	0.982188	105.258773	
110	222	500	222.208333333	08/10/2010 5:00	08/10/2010 4:00	3.2085	31.4670	105.3038479	105.256651	0.977951	105.254536	
110	222	600	222.250000000	08/10/2010 6:00	08/10/2010 5:00	3.1611	31.5141	105.2894929	105.242296	0.963503	105.240088	
110	222	700	222.291666667	08/10/2010 7:00	08/10/2010 6:00	3.1122	31.5627	105.2746835	105.227486	0.948599	105.225184	
110	222	800	222.333333333	08/10/2010 8:00	08/10/2010 7:00	3.0589	31.6157	105.2585417	105.211345	0.932353	105.208938	
110	222	900	222.375000000	08/10/2010 9:00	08/10/2010 8:00	3.0008	31.6734	105.2409461	105.193749	0.914644	105.191229	
110	222	1000	222.416666667	08/10/2010 10:00	08/10/2010 9:00	2.946	31.7279	105.22435	105.177153	0.897941	105.174526	
110	222	1100	222.458333333	08/10/2010 11:00	08/10/2010 10:00	2.8944	31.7791	105.208723	105.161526	0.882213	105.158798	
110	222	1200	222.500000000	08/10/2010 12:00	08/10/2010 11:00	2.8507	31.8225	105.1954884	105.148291	0.868893	105.145478	
110	222	1300	222.541666667	08/10/2010 13:00	08/10/2010 12:00	2.8175	31.8555	105.1854338	105.138237	0.858774	105.135359	
110	222	1400	222.583333333	08/10/2010 14:00	08/10/2010 13:00	2.7982	31.8747	105.1795889	105.132392	0.852891	105.129476	
110	222	1500	222.625000000	08/10/2010 15:00	08/10/2010 14:00	2.7834	31.8894	105.1751067	105.127910	0.848380	105.124965	
110	222	1600	222.666666667	08/10/2010 16:00	08/10/2010 15:00	2.7956	31.8773	105.1788014	105.131604	0.852099	105.128684	
110	222	1700	222.708333333	08/10/2010 17:00	08/10/2010 16:00	2.8456	31.8276	105.1939439	105.146747	0.867339	105.143924	
110	222	1800	222.750000000	08/10/2010 18:00	08/10/2010 17:00	2.9174	31.7563	105.2156885	105.168491	0.889224	105.165809	
110	222	1900	222.791666667	08/10/2010 19:00	08/10/2010 18:00	2.9872	31.6869	105.2368274	105.189630	0.910499	105.187084	
110	222	2000	222.833333333	08/10/2010 20:00	08/10/2010 19:00	3.0582	31.6164	105.2583297	105.211133	0.932139	105.208724	
110	222	2100	222.875000000	08/10/2010 21:00	08/10/2010 20:00	3.118	31.5570	105.2764401	105.229243	0.950366	105.226951	
110	222	2200	222.916666667	08/10/2010 22:00	08/10/2010 21:00	3.1706	31.5047	105.2923699	105.245173	0.966399	105.242984	
110	222	2300	222.958333333	08/10/2010 23:00	08/10/2010 22:00	3.2128	31.4628	105.3051502	105.257953	0.979261	105.255846	
110	223	0	223.000000000	08/11/2010 0:00	08/10/2010 23:00	3.2539	31.4219	105.3175973	105.270400	0.991789	105.268374	
110	223	100	223.041666667	08/11/2010 1:00	08/11/2010 0:00	3.2806	31.3954	105.3256833	105.278486	0.999927	105.276512	
110	223	200	223.083333333	08/11/2010 2:00	08/11/2010 1:00	3.3061	31.3701	105.333406	105.286209	1.007699	105.284284	
110	223	300	223.125000000	08/11/2010 3:00	08/11/2010 2:00	3.3303	31.3460	105.340735	105.293538	1.015075	105.291660	
110	223	400	223.166666667	08/11/2010 4:00	08/11/2010 3:00	3.3458	31.3306	105.3454291	105.298232	1.019800	105.296385	
110	223	500	223.208333333	08/11/2010 5:00	08/11/2010 4:00	3.3606	31.3159	105.3499113	105.302714	1.024311	105.300896	
110	223	600	223.250000000	08/11/2010 6:00	08/11/2010 5:00	3.363	31.3135	105.3506381	105.303441	1.025042	105.301627	
110	223	700	223.291666667	08/11/2010 7:00	08/11/2010 6:00	3.37	31.3066	105.3527581	105.305561	1.027176	105.303761	
110	223	800	223.333333333	08/11/2010 8:00	08/11/2010 7:00	3.3729	31.3037	105.3536363	105.306439	1.028060	105.304645	
110	223	900	223.375000000	08/11/2010 9:00	08/11/2010 8:00	3.3722	31.3044	105.3534243	105.306227	1.027847	105.304432	
110	223	1000	223.416666667	08/11/2010 10:00	08/11/2010 9:00	3.3547	31.3218	105.3481245	105.300927	1.022513	105.299098	
110	223	1100	223.458333333	08/11/2010 11:00	08/11/2010 10:00	3.3273	31.3490	105.3398264	105.292629	1.014161	105.290746	
110	223	1200	223.500000000	08/11/2010 12:00	08/11/2010 11:00	3.3107	31.3655	105.3347991	105.287602	1.009101	105.285686	
110	223	1300	223.541666667	08/11/2010 13:00	08/11/2010 12:00	3.3181	31.3581	105.3370402	105.289843	1.011357	105.287942	
110	223	1400	223.583333333	08/11/2010 14:00	08/11/2010 13:00	3.3381	31.3383	105.3430972	105.295900	1.017453	105.294038	
110	223	1500	223.625000000	08/11/2010 15:00	08/11/2010 14:00	3.369	31.3076	105.3524552	105.305258	1.026871	105.303456	
110	223	1600	223.666666667	08/11/2010 16:00	08/11/2010 15:00	3.413	31.2638	105.3657806	105.318583	1.040282	105.316867	
110	223	1700	223.708333333	08/11/2010 17:00	08/11/2010 16:00	3.457	31.2201	105.379106	105.331909	1.053694	105.330279	
110	223	1800	223.750000000	08/11/2010 18:00	08/11/2010 17:00	3.5005	31.1769	105.3922799	105.345083	1.066952	105.343537	
110	223	1900	223.791666667	08/11/2010 19:00	08/11/2010 18:00	3.5186	31.1589	105.3977615	105.350564	1.072469	105.349054	
110	223	2000	223.833333333	08/11/2010 20:00	08/11/2010 19:00	3.5701	31.1077	105.4133582	105.366161	1.088166	105.364752	
110	223	2100	223.875000000	08/11/2010 21:00	08/11/2010 20:00	3.5759	31.1020	105.4151147	105.367918	1.089934	105.366519	
110	223	2200	223.916666667	08/11/2010 22:00	08/11/2010 21:00	3.5693	31.1085	105.4131159	105.365919	1.087923	105.364508	
110	223	2300	223.958333333	08/11/2010 23:00	08/11/2010 22:00	3.5481	31.1296	105.4066955	105.359498	1.081461	105.358046	
110	224	0	224.000000000	08/12/2010 0:00	08/11/2010 23:00	3.5093	31.1682	105.394945	105.347748	1.069635	105.346220	
110	224	100	224.041666667	08/12/2010 1:00	08/12/2010 0:00	3.4588	31.2183	105.3796511	105.332454	1.054242	105.330827	
110	224	200	224.083333333	08/12/2010 2:00	08/12/2010 1:00	3.4201	31.2568	105.3679308	105.320734	1.042446	105.319032	
110	224	300	224.125000000	08/12/2010 3:00	08/12/2010 2:00	3.3932	31.2835	105.3597842	105.312587	1.034247	105.310832	
110	224	400	224.166666667	08/12/2010 4:00	08/12/2010 3:00	3.3674	31.3092	105.3519707	105.304774	1.026384	105.302969	
110	224	500	224.208333333	08/12/2010 5:00	08/12/2010 4:00	3.3445	31.3319	105.3450354	105.297838	1.019404	105.295989	
110	224	600	224.250000000	08/12/2010 6:00	08/12/2010 5:00	3.2942	31.3819	105.3298021	105.282605	1.004072	105.280657	
110	224	700	224.291666667	08/12/2010 7:00	08/12/2010 6:00	3.2635	31.4124	105.3205046	105.273308	0.994715	105.271300	
110	224	800	224.333333333	08/12/2010 8:00	08/12/2010 7:00	3.2237	31.4519	105.3084512	105.261254	0.982584	105.259169	
110	224	900	224.375000000	08/12/2010 9:00	08/12/2010 8:00	3.1779	31.4974	105.2945807	105.247384	0.968624	105.245209	
110	224	1000	224.416666667	08/12/2010 10:00	08/12/2010 9:00	3.1358	31.5393	105.2818308	105.234634	0.955792	105.232377	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	224	1100	224.458333333	08/12/2010 11:00	08/12/2010 10:00	3.0865	31.5883	105.2669003	105.219703	0.940765	105.217350	
110	224	1200	224.500000000	08/12/2010 12:00	08/12/2010 11:00	3.04	31.6345	105.2528178	105.205621	0.926592	105.203177	
110	224	1300	224.541666667	08/12/2010 13:00	08/12/2010 12:00	3	31.6742	105.2407038	105.193507	0.914400	105.190985	
110	224	1400	224.583333333	08/12/2010 14:00	08/12/2010 13:00	2.971	31.7030	105.2319212	105.184724	0.905561	105.182146	
110	224	1500	224.625000000	08/12/2010 15:00	08/12/2010 14:00	2.9446	31.7292	105.223926	105.176729	0.897514	105.174099	
110	224	1600	224.666666667	08/12/2010 16:00	08/12/2010 15:00	2.9338	31.7400	105.2206552	105.173458	0.894222	105.170807	
110	224	1700	224.708333333	08/12/2010 17:00	08/12/2010 16:00	2.9313	31.7425	105.2198981	105.172701	0.893460	105.170045	
110	224	1800	224.750000000	08/12/2010 18:00	08/12/2010 17:00	2.9358	31.7380	105.2212609	105.174064	0.894832	105.171417	
110	224	1900	224.791666667	08/12/2010 19:00	08/12/2010 18:00	2.9721	31.7019	105.2322543	105.185057	0.905896	105.182481	
110	224	2000	224.833333333	08/12/2010 20:00	08/12/2010 19:00	3.048	31.6265	105.2552406	105.208044	0.929030	105.205615	
110	224	2100	224.875000000	08/12/2010 21:00	08/12/2010 20:00	3.0908	31.5840	105.2682026	105.221005	0.942076	105.218661	
110	224	2200	224.916666667	08/12/2010 22:00	08/12/2010 21:00	3.1212	31.5538	105.2774092	105.230212	0.951342	105.227927	
110	224	2300	224.958333333	08/12/2010 23:00	08/12/2010 22:00	3.1374	31.5377	105.2823153	105.235118	0.956280	105.232865	
110	225	0	225.000000000	08/13/2010 0:00	08/12/2010 23:00							
110	225	100	225.041666667	08/13/2010 1:00	08/13/2010 0:00							
110	225	200	225.083333333	08/13/2010 2:00	08/13/2010 1:00							
110	225	300	225.125000000	08/13/2010 3:00	08/13/2010 2:00							
110	225	400	225.166666667	08/13/2010 4:00	08/13/2010 3:00							
110	225	500	225.208333333	08/13/2010 5:00	08/13/2010 4:00							
110	225	600	225.250000000	08/13/2010 6:00	08/13/2010 5:00	3.1781	31.4972	105.2946413	105.247444	0.968685	105.245270	
110	225	700	225.291666667	08/13/2010 7:00	08/13/2010 6:00	3.1354	31.5397	105.2817096	105.234513	0.955670	105.232255	
110	225	800	225.333333333	08/13/2010 8:00	08/13/2010 7:00	3.0825	31.5922	105.2656889	105.218492	0.939546	105.216131	
110	225	900	225.375000000	08/13/2010 9:00	08/13/2010 8:00	3.0253	31.6491	105.2483659	105.201169	0.922111	105.198696	
110	225	1000	225.416666667	08/13/2010 10:00	08/13/2010 9:00	2.965	31.7090	105.2301041	105.182907	0.903732	105.180317	
110	225	1100	225.458333333	08/13/2010 11:00	08/13/2010 10:00	2.906	31.7676	105.212236	105.165039	0.885749	105.162334	
110	225	1200	225.500000000	08/13/2010 12:00	08/13/2010 11:00	2.8475	31.8257	105.1945193	105.147322	0.867918	105.144503	
110	225	1300	225.541666667	08/13/2010 13:00	08/13/2010 12:00	2.8069	31.8661	105.1822236	105.135027	0.855543	105.132128	
110	225	1400	225.583333333	08/13/2010 14:00	08/13/2010 13:00	2.7844	31.8884	105.1754095	105.128212	0.848685	105.125270	
110	225	1500	225.625000000	08/13/2010 15:00	08/13/2010 14:00	2.7804	31.8924	105.1741981	105.127001	0.847466	105.124051	
110	225	1600	225.666666667	08/13/2010 16:00	08/13/2010 15:00	2.8017	31.8712	105.1806488	105.133452	0.853958	105.130543	
110	225	1700	225.708333333	08/13/2010 17:00	08/13/2010 16:00	2.8478	31.8254	105.1946102	105.147413	0.868009	105.144594	
110	225	1800	225.750000000	08/13/2010 18:00	08/13/2010 17:00	2.9136	31.7600	105.2145377	105.167341	0.888065	105.164650	
110	225	1900	225.791666667	08/13/2010 19:00	08/13/2010 18:00	2.9966	31.6776	105.2396742	105.192477	0.913364	105.189949	
110	225	2000	225.833333333	08/13/2010 20:00	08/13/2010 19:00							
110	225	2100	225.875000000	08/13/2010 21:00	08/13/2010 20:00	3.1743	31.5010	105.2934905	105.246293	0.967527	105.244112	
110	225	2200	225.916666667	08/13/2010 22:00	08/13/2010 21:00							
110	225	2300	225.958333333	08/13/2010 23:00	08/13/2010 22:00							
110	226	0	226.000000000	08/14/2010 0:00	08/13/2010 23:00							
110	226	100	226.041666667	08/14/2010 1:00	08/14/2010 0:00							
110	226	200	226.083333333	08/14/2010 2:00	08/14/2010 1:00							
110	226	300	226.125000000	08/14/2010 3:00	08/14/2010 2:00							
110	226	400	226.166666667	08/14/2010 4:00	08/14/2010 3:00							
110	226	500	226.208333333	08/14/2010 5:00	08/14/2010 4:00							
110	226	600	226.250000000	08/14/2010 6:00	08/14/2010 5:00	3.397	31.2797	105.360935	105.313738	1.035406	105.311991	
110	226	700	226.291666667	08/14/2010 7:00	08/14/2010 6:00	3.3735	31.3031	105.353818	105.306621	1.028243	105.304828	
110	226	800	226.333333333	08/14/2010 8:00	08/14/2010 7:00	3.324	31.3523	105.338827	105.291630	1.013155	105.289740	
110	226	900	226.375000000	08/14/2010 9:00	08/14/2010 8:00	3.263	31.4129	105.3203532	105.273156	0.994562	105.271147	
110	226	1000	226.416666667	08/14/2010 10:00	08/14/2010 9:00	3.1955	31.4800	105.2999109	105.252714	0.973988	105.250573	
110	226	1100	226.458333333	08/14/2010 11:00	08/14/2010 10:00	3.1338	31.5413	105.2812251	105.234028	0.955182	105.231767	
110	226	1200	226.500000000	08/14/2010 12:00	08/14/2010 11:00	3.0713	31.6034	105.262297	105.215100	0.936132	105.212717	
110	226	1300	226.541666667	08/14/2010 13:00	08/14/2010 12:00	3.0052	31.6690	105.2422787	105.195082	0.915985	105.192570	
110	226	1400	226.583333333	08/14/2010 14:00	08/14/2010 13:00	2.9652	31.7088	105.2301647	105.182968	0.903793	105.180378	
110	226	1500	226.625000000	08/14/2010 15:00	08/14/2010 14:00	2.9243	31.7494	105.2177781	105.170581	0.891327	105.167912	
110	226	1600	226.666666667	08/14/2010 16:00	08/14/2010 15:00	2.902	31.7716	105.2110246	105.163828	0.884530	105.161115	
110	226	1700	226.708333333	08/14/2010 17:00	08/14/2010 16:00	2.8943	31.7792	105.2086927	105.161496	0.882183	105.158768	
110	226	1800	226.750000000	08/14/2010 18:00	08/14/2010 17:00	2.9167	31.7570	105.2154765	105.168279	0.889010	105.165595	
110	226	1900	226.791666667	08/14/2010 19:00	08/14/2010 18:00							
110	226	2000	226.833333333	08/14/2010 20:00	08/14/2010 19:00							
110	226	2100	226.875000000	08/14/2010 21:00	08/14/2010 20:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	226	2200	226.916666667	08/14/2010 22:00	08/14/2010 21:00							
110	226	2300	226.958333333	08/14/2010 23:00	08/14/2010 22:00							
110	227	0	227.000000000	08/15/2010 0:00	08/14/2010 23:00							
110	227	100	227.041666667	08/15/2010 1:00	08/15/2010 0:00							
110	227	200	227.083333333	08/15/2010 2:00	08/15/2010 1:00							
110	227	300	227.125000000	08/15/2010 3:00	08/15/2010 2:00							
110	227	400	227.166666667	08/15/2010 4:00	08/15/2010 3:00							
110	227	500	227.208333333	08/15/2010 5:00	08/15/2010 4:00							
110	227	600	227.250000000	08/15/2010 6:00	08/15/2010 5:00	3.1774	31.4979	105.2944293	105.247232	0.968472	105.245057	
110	227	700	227.291666667	08/15/2010 7:00	08/15/2010 6:00	3.1257	31.5493	105.278772	105.231575	0.952713	105.229298	
110	227	800	227.333333333	08/15/2010 8:00	08/15/2010 7:00	3.0695	31.6051	105.2617519	105.214555	0.935584	105.212169	
110	227	900	227.375000000	08/15/2010 9:00	08/15/2010 8:00	3.0134	31.6609	105.244762	105.197565	0.918484	105.195069	
110	227	1000	227.416666667	08/15/2010 10:00	08/15/2010 9:00	2.9562	31.7177	105.227439	105.180242	0.901050	105.177635	
110	227	1100	227.458333333	08/15/2010 11:00	08/15/2010 10:00	2.9017	31.7719	105.2109338	105.163737	0.884438	105.161023	
110	227	1200	227.500000000	08/15/2010 12:00	08/15/2010 11:00	2.8452	31.8280	105.1938228	105.146626	0.867217	105.143802	
110	227	1300	227.541666667	08/15/2010 13:00	08/15/2010 12:00	2.7913	31.8816	105.1774992	105.130302	0.850788	105.127373	
110	227	1400	227.583333333	08/15/2010 14:00	08/15/2010 13:00	2.7446	31.9280	105.1633561	105.116159	0.836554	105.113139	
110	227	1500	227.625000000	08/15/2010 15:00	08/15/2010 14:00	2.7002	31.9721	105.1499096	105.102713	0.823021	105.099606	
110	227	1600	227.666666667	08/15/2010 16:00	08/15/2010 15:00	2.6582	32.0138	105.13719	105.089993	0.810219	105.086804	
110	227	1700	227.708333333	08/15/2010 17:00	08/15/2010 16:00	2.6244	32.0474	105.1269537	105.079757	0.799917	105.076502	
110	227	1800	227.750000000	08/15/2010 18:00	08/15/2010 17:00	2.5992	32.0724	105.1193218	105.072125	0.792236	105.068821	
110	227	1900	227.791666667	08/15/2010 19:00	08/15/2010 18:00							
110	227	2000	227.833333333	08/15/2010 20:00	08/15/2010 19:00							
110	227	2100	227.875000000	08/15/2010 21:00	08/15/2010 20:00							
110	227	2200	227.916666667	08/15/2010 22:00	08/15/2010 21:00							
110	227	2300	227.958333333	08/15/2010 23:00	08/15/2010 22:00							
110	228	0	228.000000000	08/16/2010 0:00	08/15/2010 23:00							
110	228	100	228.041666667	08/16/2010 1:00	08/16/2010 0:00							
110	228	200	228.083333333	08/16/2010 2:00	08/16/2010 1:00							
110	228	300	228.125000000	08/16/2010 3:00	08/16/2010 2:00							
110	228	400	228.166666667	08/16/2010 4:00	08/16/2010 3:00							
110	228	500	228.208333333	08/16/2010 5:00	08/16/2010 4:00							
110	228	600	228.250000000	08/16/2010 6:00	08/16/2010 5:00	2.9049	31.7687	105.2119029	105.164706	0.885414	105.161999	
110	228	700	228.291666667	08/16/2010 7:00	08/16/2010 6:00	2.857	31.8163	105.1973964	105.150199	0.870814	105.147399	
110	228	800	228.333333333	08/16/2010 8:00	08/16/2010 7:00	2.8096	31.8634	105.1830413	105.135844	0.856366	105.132951	
110	228	900	228.375000000	08/16/2010 9:00	08/16/2010 8:00	2.7554	31.9172	105.1666269	105.119430	0.839846	105.116431	
110	228	1000	228.416666667	08/16/2010 10:00	08/16/2010 9:00	2.7028	31.9695	105.150697	105.103500	0.823813	105.100398	
110	228	1100	228.458333333	08/16/2010 11:00	08/16/2010 10:00	2.6511	32.0209	105.1350397	105.087843	0.808055	105.084640	
110	228	1200	228.500000000	08/16/2010 12:00	08/16/2010 11:00	2.6047	32.0670	105.1209875	105.073790	0.793913	105.070498	
110	228	1300	228.541666667	08/16/2010 13:00	08/16/2010 12:00	2.567	32.1044	105.1095701	105.062373	0.782422	105.059007	
110	228	1400	228.583333333	08/16/2010 14:00	08/16/2010 13:00	2.5463	32.1250	105.1033011	105.056104	0.776112	105.052697	
110	228	1500	228.625000000	08/16/2010 15:00	08/16/2010 14:00	2.5505	32.1208	105.1045731	105.057376	0.777392	105.053977	
110	228	1600	228.666666667	08/16/2010 16:00	08/16/2010 15:00	2.5956	32.0760	105.1182316	105.071034	0.791139	105.067724	
110	228	1700	228.708333333	08/16/2010 17:00	08/16/2010 16:00	2.6633	32.0087	105.1387345	105.091537	0.811774	105.088359	
110	228	1800	228.750000000	08/16/2010 18:00	08/16/2010 17:00	2.7378	31.9347	105.1612968	105.114100	0.834481	105.111066	
110	228	1900	228.791666667	08/16/2010 19:00	08/16/2010 18:00							
110	228	2000	228.833333333	08/16/2010 20:00	08/16/2010 19:00							
110	228	2100	228.875000000	08/16/2010 21:00	08/16/2010 20:00							
110	228	2200	228.916666667	08/16/2010 22:00	08/16/2010 21:00							
110	228	2300	228.958333333	08/16/2010 23:00	08/16/2010 22:00							
110	229	0	229.000000000	08/17/2010 0:00	08/16/2010 23:00							
110	229	100	229.041666667	08/17/2010 1:00	08/17/2010 0:00							
110	229	200	229.083333333	08/17/2010 2:00	08/17/2010 1:00							
110	229	300	229.125000000	08/17/2010 3:00	08/17/2010 2:00							
110	229	400	229.166666667	08/17/2010 4:00	08/17/2010 3:00							
110	229	500	229.208333333	08/17/2010 5:00	08/17/2010 4:00							
110	229	600	229.250000000	08/17/2010 6:00	08/17/2010 5:00	3.111	31.5639	105.2743201	105.227123	0.948233	105.224818	
110	229	700	229.291666667	08/17/2010 7:00	08/17/2010 6:00	3.0577	31.6169	105.2581782	105.210981	0.931987	105.208572	
110	229	800	229.333333333	08/17/2010 8:00	08/17/2010 7:00	2.995	31.6792	105.2391896	105.191992	0.912876	105.189461	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	229	900	229.375000000	08/17/2010 9:00	08/17/2010 8:00	2.9353	31.7385	105.2211095	105.173912	0.894679	105.171264	
110	229	1000	229.416666667	08/17/2010 10:00	08/17/2010 9:00	2.874	31.7994	105.2025448	105.155348	0.875995	105.152580	
110	229	1100	229.458333333	08/17/2010 11:00	08/17/2010 10:00	2.8224	31.8507	105.1869178	105.139721	0.860268	105.136853	
110	229	1200	229.500000000	08/17/2010 12:00	08/17/2010 11:00	2.7798	31.8930	105.1740164	105.126819	0.847283	105.123868	
110	229	1300	229.541666667	08/17/2010 13:00	08/17/2010 12:00	2.7604	31.9123	105.1681412	105.120944	0.841370	105.117955	
110	229	1400	229.583333333	08/17/2010 14:00	08/17/2010 13:00	2.7794	31.8934	105.1738953	105.126698	0.847161	105.123746	
110	229	1500	229.625000000	08/17/2010 15:00	08/17/2010 14:00	2.8365	31.8367	105.191188	105.143991	0.864565	105.141150	
110	229	1600	229.666666667	08/17/2010 16:00	08/17/2010 15:00	2.9129	31.7607	105.2143257	105.167129	0.887852	105.164437	
110	229	1700	229.708333333	08/17/2010 17:00	08/17/2010 16:00	2.9987	31.6755	105.2403101	105.193113	0.914004	105.190589	
110	229	1800	229.750000000	08/17/2010 18:00	08/17/2010 17:00	3.0851	31.5896	105.2664763	105.219279	0.940338	105.216924	
110	229	1900	229.791666667	08/17/2010 19:00	08/17/2010 18:00							
110	229	2000	229.833333333	08/17/2010 20:00	08/17/2010 19:00							
110	229	2100	229.875000000	08/17/2010 21:00	08/17/2010 20:00							
110	229	2200	229.916666667	08/17/2010 22:00	08/17/2010 21:00							
110	229	2300	229.958333333	08/17/2010 23:00	08/17/2010 22:00							
110	230	0	230.000000000	08/18/2010 0:00	08/17/2010 23:00							
110	230	100	230.041666667	08/18/2010 1:00	08/18/2010 0:00							
110	230	200	230.083333333	08/18/2010 2:00	08/18/2010 1:00							
110	230	300	230.125000000	08/18/2010 3:00	08/18/2010 2:00							
110	230	400	230.166666667	08/18/2010 4:00	08/18/2010 3:00							
110	230	500	230.208333333	08/18/2010 5:00	08/18/2010 4:00							
110	230	600	230.250000000	08/18/2010 6:00	08/18/2010 5:00	3.4094	31.2674	105.3646903	105.317493	1.039185	105.315770	
110	230	700	230.291666667	08/18/2010 7:00	08/18/2010 6:00	3.3414	31.3350	105.3440966	105.296899	1.018459	105.295044	
110	230	800	230.333333333	08/18/2010 8:00	08/18/2010 7:00	3.2901	31.3860	105.3285604	105.281363	1.002822	105.279408	
110	230	900	230.375000000	08/18/2010 9:00	08/18/2010 8:00	3.2462	31.4296	105.3152653	105.268068	0.989442	105.266027	
110	230	1000	230.416666667	08/18/2010 10:00	08/18/2010 9:00	3.2073	31.4682	105.3034845	105.256287	0.977585	105.254170	
110	230	1100	230.458333333	08/18/2010 11:00	08/18/2010 10:00	3.1756	31.4997	105.2938842	105.246687	0.967923	105.244508	
110	230	1200	230.500000000	08/18/2010 12:00	08/18/2010 11:00	3.1579	31.5173	105.2885237	105.241327	0.962528	105.239113	
110	230	1300	230.541666667	08/18/2010 13:00	08/18/2010 12:00	3.1627	31.5125	105.2899774	105.242780	0.963991	105.240576	
110	230	1400	230.583333333	08/18/2010 14:00	08/18/2010 13:00	3.1758	31.4995	105.2939447	105.246748	0.967984	105.244569	
110	230	1500	230.625000000	08/18/2010 15:00	08/18/2010 14:00	3.2093	31.4662	105.3040902	105.256893	0.978195	105.254780	
110	230	1600	230.666666667	08/18/2010 16:00	08/18/2010 15:00	3.2602	31.4157	105.3195052	105.272308	0.993709	105.270294	
110	230	1700	230.708333333	08/18/2010 17:00	08/18/2010 16:00	3.3208	31.3555	105.3378579	105.290661	1.012180	105.288765	
110	230	1800	230.750000000	08/18/2010 18:00	08/18/2010 17:00	3.3929	31.2838	105.3596933	105.312496	1.034156	105.310741	
110	230	1900	230.791666667	08/18/2010 19:00	08/18/2010 18:00							
110	230	2000	230.833333333	08/18/2010 20:00	08/18/2010 19:00							
110	230	2100	230.875000000	08/18/2010 21:00	08/18/2010 20:00							
110	230	2200	230.916666667	08/18/2010 22:00	08/18/2010 21:00							
110	230	2300	230.958333333	08/18/2010 23:00	08/18/2010 22:00							
110	231	0	231.000000000	08/19/2010 0:00	08/18/2010 23:00							
110	231	100	231.041666667	08/19/2010 1:00	08/19/2010 0:00							
110	231	200	231.083333333	08/19/2010 2:00	08/19/2010 1:00							
110	231	300	231.125000000	08/19/2010 3:00	08/19/2010 2:00							
110	231	400	231.166666667	08/19/2010 4:00	08/19/2010 3:00							
110	231	500	231.208333333	08/19/2010 5:00	08/19/2010 4:00							
110	231	600	231.250000000	08/19/2010 6:00	08/19/2010 5:00	3.7091	30.9696	105.4554543	105.408257	1.130534	105.407119	
110	231	700	231.291666667	08/19/2010 7:00	08/19/2010 6:00	3.6687	31.0098	105.4432192	105.396022	1.118220	105.394805	
110	231	800	231.333333333	08/19/2010 8:00	08/19/2010 7:00	3.6162	31.0619	105.4273196	105.380122	1.102218	105.378803	
110	231	900	231.375000000	08/19/2010 9:00	08/19/2010 8:00	3.5456	31.1321	105.4059384	105.358741	1.080699	105.357284	
110	231	1000	231.416666667	08/19/2010 10:00	08/19/2010 9:00	3.4738	31.2034	105.3841938	105.336997	1.058814	105.335399	
110	231	1100	231.458333333	08/19/2010 11:00	08/19/2010 10:00	3.4003	31.2765	105.3619344	105.314737	1.036411	105.312996	
110	231	1200	231.500000000	08/19/2010 12:00	08/19/2010 11:00	3.3312	31.3451	105.3410075	105.293810	1.015350	105.291935	
110	231	1300	231.541666667	08/19/2010 13:00	08/19/2010 12:00	3.2625	31.4134	105.3202018	105.273005	0.994410	105.270995	
110	231	1400	231.583333333	08/19/2010 14:00	08/19/2010 13:00	3.2054	31.4701	105.3029091	105.255712	0.977006	105.253591	
110	231	1500	231.625000000	08/19/2010 15:00	08/19/2010 14:00	3.1524	31.5228	105.2868581	105.239661	0.960852	105.237437	
110	231	1600	231.666666667	08/19/2010 16:00	08/19/2010 15:00	3.1109	31.5640	105.2742898	105.227093	0.948202	105.224787	
110	231	1700	231.708333333	08/19/2010 17:00	08/19/2010 16:00	3.0741	31.6006	105.263145	105.215948	0.936986	105.213571	
110	231	1800	231.750000000	08/19/2010 18:00	08/19/2010 17:00	3.0548	31.6198	105.2573	105.210103	0.931103	105.207688	
110	231	1900	231.791666667	08/19/2010 19:00	08/19/2010 18:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	231	2000	231.833333333	08/19/2010 20:00	08/19/2010 19:00							
110	231	2100	231.875000000	08/19/2010 21:00	08/19/2010 20:00							
110	231	2200	231.916666667	08/19/2010 22:00	08/19/2010 21:00							
110	231	2300	231.958333333	08/19/2010 23:00	08/19/2010 22:00							
110	232	0	232.000000000	08/20/2010 0:00	08/19/2010 23:00							
110	232	100	232.041666667	08/20/2010 1:00	08/20/2010 0:00							
110	232	200	232.083333333	08/20/2010 2:00	08/20/2010 1:00							
110	232	300	232.125000000	08/20/2010 3:00	08/20/2010 2:00							
110	232	400	232.166666667	08/20/2010 4:00	08/20/2010 3:00							
110	232	500	232.208333333	08/20/2010 5:00	08/20/2010 4:00							
110	232	600	232.250000000	08/20/2010 6:00	08/20/2010 5:00	2.9219	31.7518	105.2170513	105.169854	0.890595	105.167180	
110	232	700	232.291666667	08/20/2010 7:00	08/20/2010 6:00	2.8896	31.7839	105.2072693	105.160072	0.880750	105.157335	
110	232	800	232.333333333	08/20/2010 8:00	08/20/2010 7:00	2.8627	31.8106	105.1991226	105.151926	0.872551	105.149136	
110	232	900	232.375000000	08/20/2010 9:00	08/20/2010 8:00	2.8289	31.8442	105.1888863	105.141689	0.862249	105.138834	
110	232	1000	232.416666667	08/20/2010 10:00	08/20/2010 9:00	2.7967	31.8762	105.1791346	105.131937	0.852434	105.129019	
110	232	1100	232.458333333	08/20/2010 11:00	08/20/2010 10:00	2.7605	31.9122	105.1681714	105.120974	0.841400	105.117985	
110	232	1200	232.500000000	08/20/2010 12:00	08/20/2010 11:00	2.725	31.9474	105.1574203	105.110223	0.830580	105.107165	
110	232	1300	232.541666667	08/20/2010 13:00	08/20/2010 12:00	2.6912	31.9810	105.147184	105.099987	0.820278	105.096863	
110	232	1400	232.583333333	08/20/2010 14:00	08/20/2010 13:00	2.6632	32.0088	105.1387042	105.091507	0.811743	105.088328	
110	232	1500	232.625000000	08/20/2010 15:00	08/20/2010 14:00	2.6389	32.0330	105.131345	105.084148	0.804337	105.080922	
110	232	1600	232.666666667	08/20/2010 16:00	08/20/2010 15:00	2.6298	32.0420	105.128589	105.081392	0.801563	105.078148	
110	232	1700	232.708333333	08/20/2010 17:00	08/20/2010 16:00	2.6676	32.0045	105.1400367	105.092840	0.813084	105.089670	
110	232	1800	232.750000000	08/20/2010 18:00	08/20/2010 17:00	2.7334	31.9391	105.1599642	105.112767	0.833140	105.109725	
110	232	1900	232.791666667	08/20/2010 19:00	08/20/2010 18:00							
110	232	2000	232.833333333	08/20/2010 20:00	08/20/2010 19:00							
110	232	2100	232.875000000	08/20/2010 21:00	08/20/2010 20:00							
110	232	2200	232.916666667	08/20/2010 22:00	08/20/2010 21:00							
110	232	2300	232.958333333	08/20/2010 23:00	08/20/2010 22:00							
110	233	0	233.000000000	08/21/2010 0:00	08/20/2010 23:00	3.0994	31.5754	105.2708071	105.223610	0.944697	105.221282	
110	233	100	233.041666667	08/21/2010 1:00	08/21/2010 0:00							
110	233	200	233.083333333	08/21/2010 2:00	08/21/2010 1:00							
110	233	300	233.125000000	08/21/2010 3:00	08/21/2010 2:00							
110	233	400	233.166666667	08/21/2010 4:00	08/21/2010 3:00							
110	233	500	233.208333333	08/21/2010 5:00	08/21/2010 4:00							
110	233	600	233.250000000	08/21/2010 6:00	08/21/2010 5:00	3.2407	31.4350	105.3135997	105.266403	0.987765	105.264350	
110	233	700	233.291666667	08/21/2010 7:00	08/21/2010 6:00	3.2129	31.4627	105.3051805	105.257983	0.979292	105.255877	
110	233	800	233.333333333	08/21/2010 8:00	08/21/2010 7:00	3.1706	31.5047	105.2923699	105.245173	0.966399	105.242984	
110	233	900	233.375000000	08/21/2010 9:00	08/21/2010 8:00	3.1169	31.5580	105.2761069	105.228910	0.950031	105.226616	
110	233	1000	233.416666667	08/21/2010 10:00	08/21/2010 9:00	3.0608	31.6138	105.2591171	105.211920	0.932932	105.209517	
110	233	1100	233.458333333	08/21/2010 11:00	08/21/2010 10:00	3.0017	31.6725	105.2412187	105.194022	0.914918	105.191503	
110	233	1200	233.500000000	08/21/2010 12:00	08/21/2010 11:00	2.9476	31.7263	105.2248345	105.177637	0.898428	105.175014	
110	233	1300	233.541666667	08/21/2010 13:00	08/21/2010 12:00	2.8982	31.7753	105.2098738	105.162677	0.883371	105.159956	
110	233	1400	233.583333333	08/21/2010 14:00	08/21/2010 13:00	2.8556	31.8177	105.1969724	105.149775	0.870387	105.146972	
110	233	1500	233.625000000	08/21/2010 15:00	08/21/2010 14:00	2.815	31.8580	105.1846767	105.137480	0.858012	105.134597	
110	233	1600	233.666666667	08/21/2010 16:00	08/21/2010 15:00	2.7808	31.8920	105.1743193	105.127122	0.847588	105.124173	
110	233	1700	233.708333333	08/21/2010 17:00	08/21/2010 16:00	2.7559	31.9167	105.1667783	105.119581	0.839998	105.116583	
110	233	1800	233.750000000	08/21/2010 18:00	08/21/2010 17:00	2.7555	31.9171	105.1666572	105.119460	0.839876	105.116461	
110	233	1900	233.791666667	08/21/2010 19:00	08/21/2010 18:00							
110	233	2000	233.833333333	08/21/2010 20:00	08/21/2010 19:00							
110	233	2100	233.875000000	08/21/2010 21:00	08/21/2010 20:00							
110	233	2200	233.916666667	08/21/2010 22:00	08/21/2010 21:00							
110	233	2300	233.958333333	08/21/2010 23:00	08/21/2010 22:00							
110	234	0	234.000000000	08/22/2010 0:00	08/21/2010 23:00	2.8459	31.8273	105.1940348	105.146838	0.867430	105.144015	
110	234	100	234.041666667	08/22/2010 1:00	08/22/2010 0:00							
110	234	200	234.083333333	08/22/2010 2:00	08/22/2010 1:00							
110	234	300	234.125000000	08/22/2010 3:00	08/22/2010 2:00							
110	234	400	234.166666667	08/22/2010 4:00	08/22/2010 3:00							
110	234	500	234.208333333	08/22/2010 5:00	08/22/2010 4:00							
110	234	600	234.250000000	08/22/2010 6:00	08/22/2010 5:00	2.9632	31.7108	105.229559	105.182362	0.903183	105.179768	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	234	700	234.291666667	08/22/2010 7:00	08/22/2010 6:00	2.9235	31.7502	105.2175359	105.170339	0.891083	105.167668	
110	234	800	234.333333333	08/22/2010 8:00	08/22/2010 7:00	2.8754	31.7980	105.2029688	105.155772	0.876422	105.153007	
110	234	900	234.375000000	08/22/2010 9:00	08/22/2010 8:00	2.8315	31.8416	105.1896737	105.142477	0.863041	105.139626	
110	234	1000	234.416666667	08/22/2010 10:00	08/22/2010 9:00	2.7928	31.8801	105.1779535	105.130756	0.851245	105.127830	
110	234	1100	234.458333333	08/22/2010 11:00	08/22/2010 10:00	2.7418	31.9307	105.1625082	105.115311	0.835701	105.112286	
110	234	1200	234.500000000	08/22/2010 12:00	08/22/2010 11:00	2.697	31.9753	105.1489405	105.101743	0.822046	105.098631	
110	234	1300	234.541666667	08/22/2010 13:00	08/22/2010 12:00	2.6544	32.0176	105.1360391	105.088842	0.809061	105.085646	
110	234	1400	234.583333333	08/22/2010 14:00	08/22/2010 13:00	2.6166	32.0551	105.1245914	105.077394	0.797540	105.074125	
110	234	1500	234.625000000	08/22/2010 15:00	08/22/2010 14:00	2.579	32.0925	105.1132043	105.066007	0.786079	105.062664	
110	234	1600	234.666666667	08/22/2010 16:00	08/22/2010 15:00	2.5425	32.1288	105.1021503	105.054953	0.774954	105.051539	
110	234	1700	234.708333333	08/22/2010 17:00	08/22/2010 16:00	2.5044	32.1666	105.0906117	105.043415	0.763341	105.039926	
110	234	1800	234.750000000	08/22/2010 18:00	08/22/2010 17:00	2.4667	32.2041	105.0791943	105.031997	0.751850	105.028435	
110	234	1900	234.791666667	08/22/2010 19:00	08/22/2010 18:00							
110	234	2000	234.833333333	08/22/2010 20:00	08/22/2010 19:00	2.3852	32.2851	105.0545121	105.007315	0.727009	105.003594	
110	234	2100	234.875000000	08/22/2010 21:00	08/22/2010 20:00	2.3506	32.3194	105.0440335	104.996836	0.716463	104.993048	
110	234	2200	234.916666667	08/22/2010 22:00	08/22/2010 21:00	2.2928	32.3769	105.0265288	104.979332	0.698845	104.975430	
110	234	2300	234.958333333	08/22/2010 23:00	08/22/2010 22:00							
110	235	0	235.000000000	08/23/2010 0:00	08/22/2010 23:00							
110	235	100	235.041666667	08/23/2010 1:00	08/23/2010 0:00							
110	235	200	235.083333333	08/23/2010 2:00	08/23/2010 1:00	2.1611	32.5077	104.9866436	104.939446	0.658703	104.935288	
110	235	300	235.125000000	08/23/2010 3:00	08/23/2010 2:00	2.1375	32.5312	104.9794963	104.932299	0.651510	104.928095	
110	235	400	235.166666667	08/23/2010 4:00	08/23/2010 3:00	2.1082	32.5603	104.9706229	104.923426	0.642579	104.919164	
110	235	500	235.208333333	08/23/2010 5:00	08/23/2010 4:00	2.0698	32.5984	104.9589934	104.911796	0.630875	104.907460	
110	235	600	235.250000000	08/23/2010 6:00	08/23/2010 5:00	2.0789	32.5894	104.9617494	104.914552	0.633649	104.910234	
110	235	700	235.291666667	08/23/2010 7:00	08/23/2010 6:00	2.0722	32.5961	104.9597203	104.912523	0.631607	104.908192	
110	235	800	235.333333333	08/23/2010 8:00	08/23/2010 7:00	2.0498	32.6183	104.9529365	104.905739	0.624779	104.901364	
110	235	900	235.375000000	08/23/2010 9:00	08/23/2010 8:00	2.0243	32.6437	104.9452138	104.898017	0.617007	104.893592	
110	235	1000	235.416666667	08/23/2010 10:00	08/23/2010 9:00	1.9955	32.6723	104.9364917	104.889295	0.608228	104.884813	
110	235	1100	235.458333333	08/23/2010 11:00	08/23/2010 10:00	1.9654	32.7022	104.927376	104.880179	0.599054	104.875639	
110	235	1200	235.500000000	08/23/2010 12:00	08/23/2010 11:00	1.9327	32.7347	104.9174728	104.870276	0.589087	104.865672	
110	235	1300	235.541666667	08/23/2010 13:00	08/23/2010 12:00	1.9046	32.7626	104.9089627	104.861766	0.580522	104.857107	
110	235	1400	235.583333333	08/23/2010 14:00	08/23/2010 13:00	1.8759	32.7911	104.900271	104.853074	0.571774	104.848359	
110	235	1500	235.625000000	08/23/2010 15:00	08/23/2010 14:00	1.862	32.8049	104.8960614	104.848864	0.567538	104.844123	
110	235	1600	235.666666667	08/23/2010 16:00	08/23/2010 15:00	1.8466	32.8202	104.8913975	104.844200	0.562844	104.839429	
110	235	1700	235.708333333	08/23/2010 17:00	08/23/2010 16:00	1.8601	32.8068	104.8954859	104.848289	0.566958	104.843544	
110	235	1800	235.750000000	08/23/2010 18:00	08/23/2010 17:00	1.9124	32.7548	104.911325	104.864128	0.582900	104.859485	
110	235	1900	235.791666667	08/23/2010 19:00	08/23/2010 18:00	1.9948	32.6730	104.9362797	104.889083	0.608015	104.884600	
110	235	2000	235.833333333	08/23/2010 20:00	08/23/2010 19:00	2.0753	32.5930	104.9606591	104.913462	0.632551	104.909136	
110	235	2100	235.875000000	08/23/2010 21:00	08/23/2010 20:00							
110	235	2200	235.916666667	08/23/2010 22:00	08/23/2010 21:00							
110	235	2300	235.958333333	08/23/2010 23:00	08/23/2010 22:00							
110	236	0	236.000000000	08/24/2010 0:00	08/23/2010 23:00							
110	236	100	236.041666667	08/24/2010 1:00	08/24/2010 0:00							
110	236	200	236.083333333	08/24/2010 2:00	08/24/2010 1:00							
110	236	300	236.125000000	08/24/2010 3:00	08/24/2010 2:00							
110	236	400	236.166666667	08/24/2010 4:00	08/24/2010 3:00							
110	236	500	236.208333333	08/24/2010 5:00	08/24/2010 4:00							
110	236	600	236.250000000	08/24/2010 6:00	08/24/2010 5:00	2.1537	32.5151	104.9844025	104.937205	0.656448	104.933033	
110	236	700	236.291666667	08/24/2010 7:00	08/24/2010 6:00	2.1376	32.5311	104.9795266	104.932330	0.651540	104.928126	
110	236	800	236.333333333	08/24/2010 8:00	08/24/2010 7:00	2.1016	32.5669	104.968624	104.921427	0.640568	104.917153	
110	236	900	236.375000000	08/24/2010 9:00	08/24/2010 8:00	2.064	32.6042	104.9572369	104.910040	0.629107	104.905692	
110	236	1000	236.416666667	08/24/2010 10:00	08/24/2010 9:00	2.0234	32.6445	104.9449412	104.897744	0.616732	104.893317	
110	236	1100	236.458333333	08/24/2010 11:00	08/24/2010 10:00	1.9762	32.6914	104.9306467	104.883450	0.602346	104.878931	
110	236	1200	236.500000000	08/24/2010 12:00	08/24/2010 11:00	1.9349	32.7325	104.9181391	104.870942	0.589758	104.866343	
110	236	1300	236.541666667	08/24/2010 13:00	08/24/2010 12:00	1.9036	32.7636	104.9086599	104.861463	0.580217	104.856802	
110	236	1400	236.583333333	08/24/2010 14:00	08/24/2010 13:00	1.8831	32.7840	104.9024515	104.855254	0.573969	104.850554	
110	236	1500	236.625000000	08/24/2010 15:00	08/24/2010 14:00	1.8809	32.7861	104.9017852	104.854588	0.573298	104.849883	
110	236	1600	236.666666667	08/24/2010 16:00	08/24/2010 15:00	1.9106	32.7566	104.9107798	104.863583	0.582351	104.858936	
110	236	1700	236.708333333	08/24/2010 17:00	08/24/2010 16:00	1.9802	32.6875	104.9318581	104.884661	0.603565	104.880150	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	236	1800	236.750000000	08/24/2010 18:00	08/24/2010 17:00	2.0673	32.6009	104.9582363	104.911039	0.630113	104.906698	
110	236	1900	236.791666667	08/24/2010 19:00	08/24/2010 18:00	2.1535	32.5153	104.9843419	104.937145	0.656387	104.932972	
110	236	2000	236.833333333	08/24/2010 20:00	08/24/2010 19:00	2.2322	32.4371	105.0081762	104.960979	0.680375	104.956960	
110	236	2100	236.875000000	08/24/2010 21:00	08/24/2010 20:00	2.3139	32.3559	105.0329189	104.985722	0.705277	104.981862	
110	236	2200	236.916666667	08/24/2010 22:00	08/24/2010 21:00							
110	236	2300	236.958333333	08/24/2010 23:00	08/24/2010 22:00							
110	237	0	237.000000000	08/25/2010 0:00	08/24/2010 23:00							
110	237	100	237.041666667	08/25/2010 1:00	08/25/2010 0:00							
110	237	200	237.083333333	08/25/2010 2:00	08/25/2010 1:00							
110	237	300	237.125000000	08/25/2010 3:00	08/25/2010 2:00							
110	237	400	237.166666667	08/25/2010 4:00	08/25/2010 3:00							
110	237	500	237.208333333	08/25/2010 5:00	08/25/2010 4:00							
110	237	600	237.250000000	08/25/2010 6:00	08/25/2010 5:00	2.5515	32.1198	105.1048759	105.057679	0.777697	105.054282	
110	237	700	237.291666667	08/25/2010 7:00	08/25/2010 6:00	2.5047	32.1663	105.0907026	105.043505	0.763433	105.040018	
110	237	800	237.333333333	08/25/2010 8:00	08/25/2010 7:00	2.4483	32.2224	105.0736219	105.026425	0.746242	105.022827	
110	237	900	237.375000000	08/25/2010 9:00	08/25/2010 8:00	2.3922	32.2781	105.056632	105.009435	0.729143	105.005728	
110	237	1000	237.416666667	08/25/2010 10:00	08/25/2010 9:00	2.3354	32.3345	105.0394302	104.992233	0.711830	104.988415	
110	237	1100	237.458333333	08/25/2010 11:00	08/25/2010 10:00	2.2742	32.3954	105.0208958	104.973699	0.693176	104.969761	
110	237	1200	237.500000000	08/25/2010 12:00	08/25/2010 11:00	2.2188	32.4504	105.004118	104.956921	0.676290	104.952875	
110	237	1300	237.541666667	08/25/2010 13:00	08/25/2010 12:00	2.1623	32.5065	104.987007	104.939810	0.659069	104.935654	
110	237	1400	237.583333333	08/25/2010 14:00	08/25/2010 13:00	2.1118	32.5567	104.9717131	104.924516	0.643677	104.920262	
110	237	1500	237.625000000	08/25/2010 15:00	08/25/2010 14:00	2.0682	32.6000	104.9585089	104.911312	0.630387	104.906972	
110	237	1600	237.666666667	08/25/2010 16:00	08/25/2010 15:00	2.0324	32.6356	104.9476669	104.900470	0.619476	104.896061	
110	237	1700	237.708333333	08/25/2010 17:00	08/25/2010 16:00	2.0099	32.6580	104.9408528	104.893656	0.612618	104.889203	
110	237	1800	237.750000000	08/25/2010 18:00	08/25/2010 17:00	2.0034	32.6644	104.9388842	104.891687	0.610636	104.887221	
110	237	1900	237.791666667	08/25/2010 19:00	08/25/2010 18:00	2.0219	32.6460	104.944487	104.897290	0.616275	104.892860	
110	237	2000	237.833333333	08/25/2010 20:00	08/25/2010 19:00							
110	237	2100	237.875000000	08/25/2010 21:00	08/25/2010 20:00							
110	237	2200	237.916666667	08/25/2010 22:00	08/25/2010 21:00							
110	237	2300	237.958333333	08/25/2010 23:00	08/25/2010 22:00							
110	238	0	238.000000000	08/26/2010 0:00	08/25/2010 23:00							
110	238	100	238.041666667	08/26/2010 1:00	08/26/2010 0:00							
110	238	200	238.083333333	08/26/2010 2:00	08/26/2010 1:00							
110	238	300	238.125000000	08/26/2010 3:00	08/26/2010 2:00							
110	238	400	238.166666667	08/26/2010 4:00	08/26/2010 3:00							
110	238	500	238.208333333	08/26/2010 5:00	08/26/2010 4:00							
110	238	600	238.250000000	08/26/2010 6:00	08/26/2010 5:00	2.4152	32.2553	105.0635976	105.016400	0.736153	105.012738	
110	238	700	238.291666667	08/26/2010 7:00	08/26/2010 6:00	2.3688	32.3014	105.0495454	105.002348	0.722010	104.998595	
110	238	800	238.333333333	08/26/2010 8:00	08/26/2010 7:00	2.3241	32.3458	105.036008	104.988811	0.708386	104.984971	
110	238	900	238.375000000	08/26/2010 9:00	08/26/2010 8:00	2.2806	32.3890	105.0228341	104.975637	0.695127	104.971712	
110	238	1000	238.416666667	08/26/2010 10:00	08/26/2010 9:00	2.242	32.4273	105.0111441	104.963947	0.683362	104.959947	
110	238	1100	238.458333333	08/26/2010 11:00	08/26/2010 10:00	2.1993	32.4698	104.9982124	104.951015	0.670347	104.946932	
110	238	1200	238.500000000	08/26/2010 12:00	08/26/2010 11:00	2.1679	32.5010	104.988703	104.941506	0.660776	104.937361	
110	238	1300	238.541666667	08/26/2010 13:00	08/26/2010 12:00	2.1359	32.5328	104.9790118	104.931815	0.651022	104.927607	
110	238	1400	238.583333333	08/26/2010 14:00	08/26/2010 13:00	2.125	32.5436	104.9757107	104.928514	0.647700	104.924285	
110	238	1500	238.625000000	08/26/2010 15:00	08/26/2010 14:00	2.1456	32.5231	104.9819494	104.934752	0.653979	104.930564	
110	238	1600	238.666666667	08/26/2010 16:00	08/26/2010 15:00	2.1756	32.4933	104.9910349	104.943838	0.663123	104.939708	
110	238	1700	238.708333333	08/26/2010 17:00	08/26/2010 16:00	2.2424	32.4270	105.0112652	104.964068	0.683484	104.960069	
110	238	1800	238.750000000	08/26/2010 18:00	08/26/2010 17:00	2.3174	32.3524	105.0339789	104.986782	0.706344	104.982929	
110	238	1900	238.791666667	08/26/2010 19:00	08/26/2010 18:00	2.3991	32.2713	105.0587217	105.011525	0.731246	105.007831	
110	238	2000	238.833333333	08/26/2010 20:00	08/26/2010 19:00	2.4738	32.1970	105.0813445	105.034147	0.754014	105.030599	
110	238	2100	238.875000000	08/26/2010 21:00	08/26/2010 20:00							
110	238	2200	238.916666667	08/26/2010 22:00	08/26/2010 21:00							
110	238	2300	238.958333333	08/26/2010 23:00	08/26/2010 22:00							
110	239	0	239.000000000	08/27/2010 0:00	08/26/2010 23:00							
110	239	100	239.041666667	08/27/2010 1:00	08/27/2010 0:00							
110	239	200	239.083333333	08/27/2010 2:00	08/27/2010 1:00							
110	239	300	239.125000000	08/27/2010 3:00	08/27/2010 2:00							
110	239	400	239.166666667	08/27/2010 4:00	08/27/2010 3:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	239	500	239.208333333	08/27/2010 5:00	08/27/2010 4:00							
110	239	600	239.250000000	08/27/2010 6:00	08/27/2010 5:00	2.8668	31.8065	105.2003643	105.153167	0.873801	105.150386	
110	239	700	239.291666667	08/27/2010 7:00	08/27/2010 6:00	2.8283	31.8448	105.1887046	105.141508	0.862066	105.138651	
110	239	800	239.333333333	08/27/2010 8:00	08/27/2010 7:00	2.7687	31.9040	105.1706548	105.123458	0.843900	105.120485	
110	239	900	239.375000000	08/27/2010 9:00	08/27/2010 8:00	2.703	31.9693	105.1507576	105.103560	0.823874	105.100459	
110	239	1000	239.416666667	08/27/2010 10:00	08/27/2010 9:00	2.6337	32.0382	105.1297701	105.082573	0.802752	105.079337	
110	239	1100	239.458333333	08/27/2010 11:00	08/27/2010 10:00	2.5776	32.0939	105.1127803	105.065583	0.785652	105.062238	
110	239	1200	239.500000000	08/27/2010 12:00	08/27/2010 11:00	2.5305	32.1407	105.0985161	105.051319	0.771296	105.047881	
110	239	1300	239.541666667	08/27/2010 13:00	08/27/2010 12:00	2.4899	32.1810	105.0862204	105.039023	0.758922	105.035507	
110	239	1400	239.583333333	08/27/2010 14:00	08/27/2010 13:00	2.456	32.2147	105.0759538	105.028757	0.748589	105.025174	
110	239	1500	239.625000000	08/27/2010 15:00	08/27/2010 14:00	2.4412	32.2294	105.0714717	105.024275	0.744078	105.020663	
110	239	1600	239.666666667	08/27/2010 16:00	08/27/2010 15:00	2.428	32.2425	105.0674741	105.020277	0.740054	105.016639	
110	239	1700	239.708333333	08/27/2010 17:00	08/27/2010 16:00	2.4412	32.2294	105.0714717	105.024275	0.744078	105.020663	
110	239	1800	239.750000000	08/27/2010 18:00	08/27/2010 17:00	2.478	32.1929	105.0826165	105.035419	0.755294	105.031879	
110	239	1900	239.791666667	08/27/2010 19:00	08/27/2010 18:00	2.5254	32.1458	105.0969716	105.049774	0.769742	105.046327	
110	239	2000	239.833333333	08/27/2010 20:00	08/27/2010 19:00	2.5893	32.0823	105.1163236	105.069127	0.789219	105.065804	
110	239	2100	239.875000000	08/27/2010 21:00	08/27/2010 20:00	2.6273	32.0445	105.1278319	105.080635	0.800801	105.077386	
110	239	2200	239.916666667	08/27/2010 22:00	08/27/2010 21:00	2.6989	31.9734	105.1495159	105.102319	0.822625	105.099210	
110	239	2300	239.958333333	08/27/2010 23:00	08/27/2010 22:00	2.737	31.9355	105.1610545	105.113857	0.834238	105.110823	
110	240	0	240.000000000	08/28/2010 0:00	08/27/2010 23:00							
110	240	100	240.041666667	08/28/2010 1:00	08/28/2010 0:00							
110	240	200	240.083333333	08/28/2010 2:00	08/28/2010 1:00							
110	240	300	240.125000000	08/28/2010 3:00	08/28/2010 2:00							
110	240	400	240.166666667	08/28/2010 4:00	08/28/2010 3:00							
110	240	500	240.208333333	08/28/2010 5:00	08/28/2010 4:00							
110	240	600	240.250000000	08/28/2010 6:00	08/28/2010 5:00	2.7259	31.9465	105.1576929	105.110496	0.830854	105.107439	
110	240	700	240.291666667	08/28/2010 7:00	08/28/2010 6:00	2.6854	31.9868	105.1454275	105.098230	0.818510	105.095095	
110	240	800	240.333333333	08/28/2010 8:00	08/28/2010 7:00	2.6447	32.0272	105.1331015	105.085904	0.806105	105.082690	
110	240	900	240.375000000	08/28/2010 9:00	08/28/2010 8:00	2.5963	32.0753	105.1184436	105.071246	0.791352	105.067937	
110	240	1000	240.416666667	08/28/2010 10:00	08/28/2010 9:00	2.5524	32.1189	105.1051485	105.057951	0.777972	105.054557	
110	240	1100	240.458333333	08/28/2010 11:00	08/28/2010 10:00	2.4992	32.1718	105.0890369	105.041840	0.761756	105.038341	
110	240	1200	240.500000000	08/28/2010 12:00	08/28/2010 11:00	2.4464	32.2243	105.0730465	105.025849	0.745663	105.022248	
110	240	1300	240.541666667	08/28/2010 13:00	08/28/2010 12:00	2.4	32.2704	105.0589943	105.011797	0.731520	105.008105	
110	240	1400	240.583333333	08/28/2010 14:00	08/28/2010 13:00	2.3497	32.3203	105.043761	104.996564	0.716189	104.992774	
110	240	1500	240.625000000	08/28/2010 15:00	08/28/2010 14:00	2.318	32.3518	105.0341606	104.986964	0.706526	104.983111	
110	240	1600	240.666666667	08/28/2010 16:00	08/28/2010 15:00	2.2713	32.3982	105.0200176	104.972820	0.692292	104.968877	
110	240	1700	240.708333333	08/28/2010 17:00	08/28/2010 16:00	2.2403	32.4290	105.0106292	104.963432	0.682843	104.959428	
110	240	1800	240.750000000	08/28/2010 18:00	08/28/2010 17:00	2.221	32.4482	105.0047843	104.957587	0.676961	104.953546	
110	240	1900	240.791666667	08/28/2010 19:00	08/28/2010 18:00	2.2212	32.4480	105.0048448	104.957648	0.677022	104.953607	
110	240	2000	240.833333333	08/28/2010 20:00	08/28/2010 19:00	2.2432	32.4262	105.0115075	104.964310	0.683727	104.960312	
110	240	2100	240.875000000	08/28/2010 21:00	08/28/2010 20:00							
110	240	2200	240.916666667	08/28/2010 22:00	08/28/2010 21:00							
110	240	2300	240.958333333	08/28/2010 23:00	08/28/2010 22:00							
110	241	0	241.000000000	08/29/2010 0:00	08/28/2010 23:00							
110	241	100	241.041666667	08/29/2010 1:00	08/29/2010 0:00							
110	241	200	241.083333333	08/29/2010 2:00	08/29/2010 1:00							
110	241	300	241.125000000	08/29/2010 3:00	08/29/2010 2:00							
110	241	400	241.166666667	08/29/2010 4:00	08/29/2010 3:00							
110	241	500	241.208333333	08/29/2010 5:00	08/29/2010 4:00							
110	241	600	241.250000000	08/29/2010 6:00	08/29/2010 5:00	2.1695	32.4994	104.9891875	104.941990	0.661264	104.937849	
110	241	700	241.291666667	08/29/2010 7:00	08/29/2010 6:00	2.1554	32.5134	104.9849173	104.937720	0.656966	104.933551	
110	241	800	241.333333333	08/29/2010 8:00	08/29/2010 7:00	2.1355	32.5332	104.9788906	104.931694	0.650900	104.927485	
110	241	900	241.375000000	08/29/2010 9:00	08/29/2010 8:00	2.1163	32.5522	104.9730759	104.925879	0.645048	104.921633	
110	241	1000	241.416666667	08/29/2010 10:00	08/29/2010 9:00	2.0971	32.5713	104.9672612	104.920064	0.639196	104.915781	
110	241	1100	241.458333333	08/29/2010 11:00	08/29/2010 10:00	2.0709	32.5974	104.9593266	104.912129	0.631210	104.907795	
110	241	1200	241.500000000	08/29/2010 12:00	08/29/2010 11:00	2.0442	32.6239	104.9512405	104.904043	0.623072	104.899657	
110	241	1300	241.541666667	08/29/2010 13:00	08/29/2010 12:00	2.0106	32.6573	104.9410648	104.893868	0.612831	104.889416	
110	241	1400	241.583333333	08/29/2010 14:00	08/29/2010 13:00	1.9908	32.6769	104.9350683	104.887871	0.606796	104.883381	
110	241	1500	241.625000000	08/29/2010 15:00	08/29/2010 14:00	1.9589	32.7086	104.9254075	104.878210	0.597073	104.873658	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	241	1600	241.666666667	08/29/2010 16:00	08/29/2010 15:00	1.9424	32.7250	104.9204104	104.873213	0.592044	104.868629	
110	241	1700	241.708333333	08/29/2010 17:00	08/29/2010 16:00	1.9114	32.7558	104.9110221	104.863825	0.582595	104.859180	
110	241	1800	241.750000000	08/29/2010 18:00	08/29/2010 17:00	1.8834	32.7837	104.9025423	104.855345	0.574060	104.850645	
110	241	1900	241.791666667	08/29/2010 19:00	08/29/2010 18:00	1.8577	32.8092	104.8947591	104.847562	0.566227	104.842812	
110	241	2000	241.833333333	08/29/2010 20:00	08/29/2010 19:00	1.8347	32.8320	104.8877936	104.840596	0.559217	104.835802	
110	241	2100	241.875000000	08/29/2010 21:00	08/29/2010 20:00							
110	241	2200	241.916666667	08/29/2010 22:00	08/29/2010 21:00							
110	241	2300	241.958333333	08/29/2010 23:00	08/29/2010 22:00							
110	242	0	242.000000000	08/30/2010 0:00	08/29/2010 23:00							
110	242	100	242.041666667	08/30/2010 1:00	08/30/2010 0:00							
110	242	200	242.083333333	08/30/2010 2:00	08/30/2010 1:00							
110	242	300	242.125000000	08/30/2010 3:00	08/30/2010 2:00							
110	242	400	242.166666667	08/30/2010 4:00	08/30/2010 3:00							
110	242	500	242.208333333	08/30/2010 5:00	08/30/2010 4:00							
110	242	600	242.250000000	08/30/2010 6:00	08/30/2010 5:00	1.672	32.9937	104.83852	104.791323	0.509626	104.786211	
110	242	700	242.291666667	08/30/2010 7:00	08/30/2010 6:00	1.5995	33.0657	104.8165634	104.769366	0.487528	104.764113	
110	242	800	242.333333333	08/30/2010 8:00	08/30/2010 7:00	1.5791	33.0860	104.8103853	104.763188	0.481310	104.757895	
110	242	900	242.375000000	08/30/2010 9:00	08/30/2010 8:00	1.5605	33.1045	104.8047523	104.757555	0.475640	104.752225	
110	242	1000	242.416666667	08/30/2010 10:00	08/30/2010 9:00	1.5413	33.1236	104.7989376	104.751740	0.469788	104.746373	
110	242	1100	242.458333333	08/30/2010 11:00	08/30/2010 10:00	1.5225	33.1422	104.793244	104.746047	0.464058	104.740643	
110	242	1200	242.500000000	08/30/2010 12:00	08/30/2010 11:00	1.5165	33.1482	104.7914269	104.744230	0.462229	104.738814	
110	242	1300	242.541666667	08/30/2010 13:00	08/30/2010 12:00	1.4968	33.1678	104.7854608	104.738264	0.456225	104.732810	
110	242	1400	242.583333333	08/30/2010 14:00	08/30/2010 13:00	1.4831	33.1814	104.7813118	104.734115	0.452049	104.728634	
110	242	1500	242.625000000	08/30/2010 15:00	08/30/2010 14:00	1.4857	33.1788	104.7820992	104.734902	0.452841	104.729426	
110	242	1600	242.666666667	08/30/2010 16:00	08/30/2010 15:00	1.509	33.1557	104.7891556	104.741958	0.459943	104.736528	
110	242	1700	242.708333333	08/30/2010 17:00	08/30/2010 16:00	1.5611	33.1039	104.804934	104.757737	0.475823	104.752408	
110	242	1800	242.750000000	08/30/2010 18:00	08/30/2010 17:00	1.6385	33.0270	104.8283745	104.781177	0.499415	104.776000	
110	242	1900	242.791666667	08/30/2010 19:00	08/30/2010 18:00	1.7321	32.9340	104.8567212	104.809524	0.527944	104.804529	
110	242	2000	242.833333333	08/30/2010 20:00	08/30/2010 19:00	1.7908	32.8757	104.8744985	104.827301	0.545836	104.822421	
110	242	2100	242.875000000	08/30/2010 21:00	08/30/2010 20:00							
110	242	2200	242.916666667	08/30/2010 22:00	08/30/2010 21:00							
110	242	2300	242.958333333	08/30/2010 23:00	08/30/2010 22:00							
110	243	0	243.000000000	08/31/2010 0:00	08/30/2010 23:00							
110	243	100	243.041666667	08/31/2010 1:00	08/31/2010 0:00							
110	243	200	243.083333333	08/31/2010 2:00	08/31/2010 1:00							
110	243	300	243.125000000	08/31/2010 3:00	08/31/2010 2:00							
110	243	400	243.166666667	08/31/2010 4:00	08/31/2010 3:00							
110	243	500	243.208333333	08/31/2010 5:00	08/31/2010 4:00							
110	243	600	243.250000000	08/31/2010 6:00	08/31/2010 5:00	1.8121	32.8545	104.8809492	104.833752	0.552328	104.828913	
110	243	700	243.291666667	08/31/2010 7:00	08/31/2010 6:00	1.7985	32.8680	104.8768304	104.829633	0.548183	104.824768	
110	243	800	243.333333333	08/31/2010 8:00	08/31/2010 7:00	1.7745	32.8919	104.869562	104.822365	0.540868	104.817453	
110	243	900	243.375000000	08/31/2010 9:00	08/31/2010 8:00	1.7483	32.9179	104.8616274	104.814430	0.532882	104.809467	
110	243	1000	243.416666667	08/31/2010 10:00	08/31/2010 9:00	1.7243	32.9417	104.854359	104.807162	0.525567	104.802152	
110	243	1100	243.458333333	08/31/2010 11:00	08/31/2010 10:00	1.693	32.9728	104.8448798	104.797683	0.516026	104.792611	
110	243	1200	243.500000000	08/31/2010 12:00	08/31/2010 11:00	1.6664	32.9993	104.836824	104.789627	0.507919	104.784504	
110	243	1300	243.541666667	08/31/2010 13:00	08/31/2010 12:00	1.6384	33.0271	104.8283443	104.781147	0.499384	104.775969	
110	243	1400	243.583333333	08/31/2010 14:00	08/31/2010 13:00	1.6074	33.0579	104.8189559	104.771759	0.489936	104.766521	
110	243	1500	243.625000000	08/31/2010 15:00	08/31/2010 14:00	1.5711	33.0940	104.8079625	104.760765	0.478871	104.755456	
110	243	1600	243.666666667	08/31/2010 16:00	08/31/2010 15:00	1.5484	33.1165	104.8010878	104.753891	0.471952	104.748537	
110	243	1700	243.708333333	08/31/2010 17:00	08/31/2010 16:00	1.5326	33.1322	104.7963028	104.749106	0.467136	104.743722	
110	243	1800	243.750000000	08/31/2010 18:00	08/31/2010 17:00							
110	243	1900	243.791666667	08/31/2010 19:00	08/31/2010 18:00							
110	243	2000	243.833333333	08/31/2010 20:00	08/31/2010 19:00							
110	243	2100	243.875000000	08/31/2010 21:00	08/31/2010 20:00							
110	243	2200	243.916666667	08/31/2010 22:00	08/31/2010 21:00							
110	243	2300	243.958333333	08/31/2010 23:00	08/31/2010 22:00							
110	244	0	244.000000000	09/01/2010 0:00	08/31/2010 23:00							
110	244	100	244.041666667	09/01/2010 1:00	09/01/2010 0:00							
110	244	200	244.083333333	09/01/2010 2:00	09/01/2010 1:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	244	300	244.125000000	09/01/2010 3:00	09/01/2010 2:00							
110	244	400	244.166666667	09/01/2010 4:00	09/01/2010 3:00							
110	244	500	244.208333333	09/01/2010 5:00	09/01/2010 4:00							
110	244	600	244.250000000	09/01/2010 6:00	09/01/2010 5:00	1.9608	32.7067	104.9259829	104.878786	0.597652	104.874237	
110	244	700	244.291666667	09/01/2010 7:00	09/01/2010 6:00	1.8926	32.7745	104.9053285	104.858131	0.576864	104.853450	
110	244	800	244.333333333	09/01/2010 8:00	09/01/2010 7:00	1.8797	32.7873	104.9014218	104.854225	0.572933	104.849518	
110	244	900	244.375000000	09/01/2010 9:00	09/01/2010 8:00	1.8644	32.8025	104.8967882	104.849591	0.568269	104.844854	
110	244	1000	244.416666667	09/01/2010 10:00	09/01/2010 9:00	1.8641	32.8028	104.8966973	104.849500	0.568178	104.844763	
110	244	1100	244.458333333	09/01/2010 11:00	09/01/2010 10:00	1.855	32.8119	104.8939414	104.846744	0.565404	104.841989	
110	244	1200	244.500000000	09/01/2010 12:00	09/01/2010 11:00	1.8454	32.8214	104.8910341	104.843837	0.562478	104.839063	
110	244	1300	244.541666667	09/01/2010 13:00	09/01/2010 12:00	1.8294	32.8373	104.8861885	104.838991	0.557601	104.834186	
110	244	1400	244.583333333	09/01/2010 14:00	09/01/2010 13:00	1.8226	32.8441	104.8841291	104.836932	0.555528	104.832114	
110	244	1500	244.625000000	09/01/2010 15:00	09/01/2010 14:00	1.8248	32.8419	104.8847954	104.837598	0.556199	104.832784	
110	244	1600	244.666666667	09/01/2010 16:00	09/01/2010 15:00	1.8518	32.8151	104.8929723	104.845775	0.564429	104.841014	
110	244	1700	244.708333333	09/01/2010 17:00	09/01/2010 16:00	1.8915	32.7756	104.9049954	104.857798	0.576529	104.853114	
110	244	1800	244.750000000	09/01/2010 18:00	09/01/2010 17:00	1.9421	32.7253	104.9203196	104.873122	0.591952	104.868537	
110	244	1900	244.791666667	09/01/2010 19:00	09/01/2010 18:00							
110	244	2000	244.833333333	09/01/2010 20:00	09/01/2010 19:00							
110	244	2100	244.875000000	09/01/2010 21:00	09/01/2010 20:00							
110	244	2200	244.916666667	09/01/2010 22:00	09/01/2010 21:00							
110	244	2300	244.958333333	09/01/2010 23:00	09/01/2010 22:00	2.0598	32.6084	104.9559649	104.908768	0.627827	104.904412	
110	245	0	245.000000000	09/02/2010 0:00	09/01/2010 23:00	2.0556	32.6126	104.954693	104.907496	0.626547	104.903132	
110	245	100	245.041666667	09/02/2010 1:00	09/02/2010 0:00	2.0373	32.6307	104.9491508	104.901954	0.620969	104.897554	
110	245	200	245.083333333	09/02/2010 2:00	09/02/2010 1:00	1.9555	32.7120	104.9243778	104.877181	0.596036	104.872621	
110	245	300	245.125000000	09/02/2010 3:00	09/02/2010 2:00	1.9349	32.7325	104.9181391	104.870942	0.589758	104.866343	
110	245	400	245.166666667	09/02/2010 4:00	09/02/2010 3:00	1.9215	32.7458	104.9140809	104.866884	0.585673	104.862258	
110	245	500	245.208333333	09/02/2010 5:00	09/02/2010 4:00	1.9069	32.7603	104.9096593	104.862462	0.581223	104.857808	
110	245	600	245.250000000	09/02/2010 6:00	09/02/2010 5:00	1.9209	32.7464	104.9138992	104.866702	0.585490	104.862075	
110	245	700	245.291666667	09/02/2010 7:00	09/02/2010 6:00	1.9076	32.7596	104.9098713	104.862674	0.581436	104.858022	
110	245	800	245.333333333	09/02/2010 8:00	09/02/2010 7:00	1.8959	32.7712	104.9063279	104.859131	0.577870	104.854455	
110	245	900	245.375000000	09/02/2010 9:00	09/02/2010 8:00	1.8798	32.7872	104.9014521	104.854255	0.572963	104.849548	
110	245	1000	245.416666667	09/02/2010 10:00	09/02/2010 9:00	1.8658	32.8011	104.8972122	104.850015	0.568696	104.845281	
110	245	1100	245.458333333	09/02/2010 11:00	09/02/2010 10:00	1.8515	32.8153	104.8928814	104.845684	0.564337	104.840922	
110	245	1200	245.500000000	09/02/2010 12:00	09/02/2010 11:00	1.8341	32.8326	104.8876119	104.840415	0.559034	104.835619	
110	245	1300	245.541666667	09/02/2010 13:00	09/02/2010 12:00	1.8137	32.8529	104.8814337	104.834237	0.552816	104.829401	
110	245	1400	245.583333333	09/02/2010 14:00	09/02/2010 13:00	1.8006	32.8659	104.8774664	104.830269	0.548823	104.825408	
110	245	1500	245.625000000	09/02/2010 15:00	09/02/2010 14:00	1.7868	32.8796	104.8732871	104.826090	0.544617	104.821202	
110	245	1600	245.666666667	09/02/2010 16:00	09/02/2010 15:00	1.7769	32.8895	104.8702889	104.823092	0.541599	104.818184	
110	245	1700	245.708333333	09/02/2010 17:00	09/02/2010 16:00	1.7858	32.8806	104.8729842	104.825787	0.544312	104.820897	
110	245	1800	245.750000000	09/02/2010 18:00	09/02/2010 17:00	1.8052	32.8614	104.8788595	104.831662	0.550225	104.826810	
110	245	1900	245.791666667	09/02/2010 19:00	09/02/2010 18:00							
110	245	2000	245.833333333	09/02/2010 20:00	09/02/2010 19:00							
110	245	2100	245.875000000	09/02/2010 21:00	09/02/2010 20:00							
110	245	2200	245.916666667	09/02/2010 22:00	09/02/2010 21:00							
110	245	2300	245.958333333	09/02/2010 23:00	09/02/2010 22:00	1.8373	32.8295	104.888581	104.841384	0.560009	104.836594	
110	246	0	246.000000000	09/03/2010 0:00	09/02/2010 23:00							
110	246	100	246.041666667	09/03/2010 1:00	09/03/2010 0:00							
110	246	200	246.083333333	09/03/2010 2:00	09/03/2010 1:00							
110	246	300	246.125000000	09/03/2010 3:00	09/03/2010 2:00							
110	246	400	246.166666667	09/03/2010 4:00	09/03/2010 3:00							
110	246	500	246.208333333	09/03/2010 5:00	09/03/2010 4:00							
110	246	600	246.250000000	09/03/2010 6:00	09/03/2010 5:00	1.8201	32.8465	104.883372	104.836175	0.554766	104.831352	
110	246	700	246.291666667	09/03/2010 7:00	09/03/2010 6:00	1.8141	32.8525	104.8815549	104.834358	0.552938	104.829523	
110	246	800	246.333333333	09/03/2010 8:00	09/03/2010 7:00	1.7969	32.8696	104.8763459	104.829149	0.547695	104.824280	
110	246	900	246.375000000	09/03/2010 9:00	09/03/2010 8:00	1.7777	32.8887	104.8705312	104.823334	0.541843	104.818428	
110	246	1000	246.416666667	09/03/2010 10:00	09/03/2010 9:00	1.7635	32.9028	104.8662307	104.819034	0.537515	104.814100	
110	246	1100	246.458333333	09/03/2010 11:00	09/03/2010 10:00	1.7489	32.9173	104.8618091	104.814612	0.533065	104.809650	
110	246	1200	246.500000000	09/03/2010 12:00	09/03/2010 11:00	1.7402	32.9259	104.8591743	104.811977	0.530413	104.806998	
110	246	1300	246.541666667	09/03/2010 13:00	09/03/2010 12:00	1.7321	32.9340	104.8567212	104.809524	0.527944	104.804529	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	246	1400	246.583333333	09/03/2010 14:00	09/03/2010 13:00	1.7283	32.9378	104.8555704	104.808373	0.526786	104.803371	
110	246	1500	246.625000000	09/03/2010 15:00	09/03/2010 14:00	1.7319	32.9342	104.8566607	104.809464	0.527883	104.804468	
110	246	1600	246.666666667	09/03/2010 16:00	09/03/2010 15:00	1.7322	32.9339	104.8567515	104.809554	0.527975	104.804560	
110	246	1700	246.708333333	09/03/2010 17:00	09/03/2010 16:00	1.7312	32.9349	104.8564487	104.809252	0.527670	104.804255	
110	246	1800	246.750000000	09/03/2010 18:00	09/03/2010 17:00	1.7322	32.9339	104.8567515	104.809554	0.527975	104.804560	
110	246	1900	246.791666667	09/03/2010 19:00	09/03/2010 18:00							
110	246	2000	246.833333333	09/03/2010 20:00	09/03/2010 19:00							
110	246	2100	246.875000000	09/03/2010 21:00	09/03/2010 20:00							
110	246	2200	246.916666667	09/03/2010 22:00	09/03/2010 21:00							
110	246	2300	246.958333333	09/03/2010 23:00	09/03/2010 22:00							
110	247	0	247.000000000	09/04/2010 0:00	09/03/2010 23:00							
110	247	100	247.041666667	09/04/2010 1:00	09/04/2010 0:00							
110	247	200	247.083333333	09/04/2010 2:00	09/04/2010 1:00							
110	247	300	247.125000000	09/04/2010 3:00	09/04/2010 2:00							
110	247	400	247.166666667	09/04/2010 4:00	09/04/2010 3:00							
110	247	500	247.208333333	09/04/2010 5:00	09/04/2010 4:00							
110	247	600	247.250000000	09/04/2010 6:00	09/04/2010 5:00	1.7897	32.8768	104.8741654	104.826968	0.545501	104.822086	
110	247	700	247.291666667	09/04/2010 7:00	09/04/2010 6:00	1.7903	32.8762	104.8743471	104.827150	0.545683	104.822268	
110	247	800	247.333333333	09/04/2010 8:00	09/04/2010 7:00	1.7845	32.8819	104.8725905	104.825393	0.543916	104.820501	
110	247	900	247.375000000	09/04/2010 9:00	09/04/2010 8:00	1.7741	32.8923	104.8694409	104.822244	0.540746	104.817331	
110	247	1000	247.416666667	09/04/2010 10:00	09/04/2010 9:00	1.767	32.8993	104.8672907	104.820094	0.538582	104.815167	
110	247	1100	247.458333333	09/04/2010 11:00	09/04/2010 10:00	1.7477	32.9185	104.8614457	104.814249	0.532699	104.809284	
110	247	1200	247.500000000	09/04/2010 12:00	09/04/2010 11:00	1.7387	32.9274	104.85872	104.811523	0.529956	104.806541	
110	247	1300	247.541666667	09/04/2010 13:00	09/04/2010 12:00	1.7222	32.9438	104.853723	104.806526	0.524927	104.801512	
110	247	1400	247.583333333	09/04/2010 14:00	09/04/2010 13:00	1.7085	32.9574	104.849574	104.802377	0.520751	104.797336	
110	247	1500	247.625000000	09/04/2010 15:00	09/04/2010 14:00	1.6978	32.9681	104.8463335	104.799136	0.517489	104.794074	
110	247	1600	247.666666667	09/04/2010 16:00	09/04/2010 15:00	1.6826	32.9832	104.8417302	104.794533	0.512856	104.789442	
110	247	1700	247.708333333	09/04/2010 17:00	09/04/2010 16:00	1.6719	32.9938	104.8384897	104.791293	0.509595	104.786180	
110	247	1800	247.750000000	09/04/2010 18:00	09/04/2010 17:00	1.6683	32.9974	104.8373995	104.790202	0.508498	104.785083	
110	247	1900	247.791666667	09/04/2010 19:00	09/04/2010 18:00							
110	247	2000	247.833333333	09/04/2010 20:00	09/04/2010 19:00							
110	247	2100	247.875000000	09/04/2010 21:00	09/04/2010 20:00							
110	247	2200	247.916666667	09/04/2010 22:00	09/04/2010 21:00							
110	247	2300	247.958333333	09/04/2010 23:00	09/04/2010 22:00							
110	248	0	248.000000000	09/05/2010 0:00	09/04/2010 23:00							
110	248	100	248.041666667	09/05/2010 1:00	09/05/2010 0:00							
110	248	200	248.083333333	09/05/2010 2:00	09/05/2010 1:00							
110	248	300	248.125000000	09/05/2010 3:00	09/05/2010 2:00							
110	248	400	248.166666667	09/05/2010 4:00	09/05/2010 3:00							
110	248	500	248.208333333	09/05/2010 5:00	09/05/2010 4:00							
110	248	600	248.250000000	09/05/2010 6:00	09/05/2010 5:00	1.6679	32.9978	104.8372783	104.790081	0.508376	104.784961	
110	248	700	248.291666667	09/05/2010 7:00	09/05/2010 6:00	1.6736	32.9921	104.8390046	104.791807	0.510113	104.786698	
110	248	800	248.333333333	09/05/2010 8:00	09/05/2010 7:00	1.6728	32.9929	104.8387623	104.791565	0.509869	104.786454	
110	248	900	248.375000000	09/05/2010 9:00	09/05/2010 8:00	1.6713	32.9944	104.838308	104.791111	0.509412	104.785997	
110	248	1000	248.416666667	09/05/2010 10:00	09/05/2010 9:00	1.6629	33.0027	104.8357641	104.788567	0.506852	104.783437	
110	248	1100	248.458333333	09/05/2010 11:00	09/05/2010 10:00	1.6364	33.0291	104.8277386	104.780541	0.498775	104.775360	
110	248	1200	248.500000000	09/05/2010 12:00	09/05/2010 11:00	1.6311	33.0343	104.8261335	104.778936	0.497159	104.773744	
110	248	1300	248.541666667	09/05/2010 13:00	09/05/2010 12:00	1.6181	33.0473	104.8221964	104.774999	0.493197	104.769782	
110	248	1400	248.583333333	09/05/2010 14:00	09/05/2010 13:00	1.6067	33.0586	104.8187439	104.771547	0.489722	104.766307	
110	248	1500	248.625000000	09/05/2010 15:00	09/05/2010 14:00	1.6018	33.0635	104.81726	104.770063	0.488229	104.764814	
110	248	1600	248.666666667	09/05/2010 16:00	09/05/2010 15:00	1.5806	33.0845	104.8108396	104.763642	0.481767	104.758352	
110	248	1700	248.708333333	09/05/2010 17:00	09/05/2010 16:00	1.5777	33.0874	104.8099613	104.762764	0.480883	104.757468	
110	248	1800	248.750000000	09/05/2010 18:00	09/05/2010 17:00	1.5992	33.0660	104.8164726	104.769275	0.487436	104.764021	
110	248	1900	248.791666667	09/05/2010 19:00	09/05/2010 18:00							
110	248	2000	248.833333333	09/05/2010 20:00	09/05/2010 19:00							
110	248	2100	248.875000000	09/05/2010 21:00	09/05/2010 20:00							
110	248	2200	248.916666667	09/05/2010 22:00	09/05/2010 21:00							
110	248	2300	248.958333333	09/05/2010 23:00	09/05/2010 22:00							
110	249	0	249.000000000	09/06/2010 0:00	09/05/2010 23:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	249	100	249.041666667	09/06/2010 1:00	09/06/2010 0:00							
110	249	200	249.083333333	09/06/2010 2:00	09/06/2010 1:00							
110	249	300	249.125000000	09/06/2010 3:00	09/06/2010 2:00							
110	249	400	249.166666667	09/06/2010 4:00	09/06/2010 3:00							
110	249	500	249.208333333	09/06/2010 5:00	09/06/2010 4:00	1.4948	33.1698	104.7848551	104.737658	0.455615	104.732200	
110	249	600	249.250000000	09/06/2010 6:00	09/06/2010 5:00	1.5222	33.1425	104.7931532	104.745956	0.463967	104.740552	
110	249	700	249.291666667	09/06/2010 7:00	09/06/2010 6:00	1.5195	33.1452	104.7923355	104.745138	0.463144	104.739729	
110	249	800	249.333333333	09/06/2010 8:00	09/06/2010 7:00	1.516	33.1487	104.7912755	104.744078	0.462077	104.738662	
110	249	900	249.375000000	09/06/2010 9:00	09/06/2010 8:00	1.5128	33.1519	104.7903064	104.743109	0.461101	104.737686	
110	249	1000	249.416666667	09/06/2010 10:00	09/06/2010 9:00	1.5123	33.1524	104.790155	104.742958	0.460949	104.737534	
110	249	1100	249.458333333	09/06/2010 11:00	09/06/2010 10:00	1.5111	33.1536	104.7897915	104.742594	0.460583	104.737168	
110	249	1200	249.500000000	09/06/2010 12:00	09/06/2010 11:00	1.5068	33.1578	104.7884893	104.741292	0.459273	104.735858	
110	249	1300	249.541666667	09/06/2010 13:00	09/06/2010 12:00	1.5039	33.1607	104.787611	104.740414	0.458389	104.734974	
110	249	1400	249.583333333	09/06/2010 14:00	09/06/2010 13:00	1.5053	33.1593	104.788035	104.740838	0.458815	104.735400	
110	249	1500	249.625000000	09/06/2010 15:00	09/06/2010 14:00	1.5012	33.1634	104.7867933	104.739596	0.457566	104.734151	
110	249	1600	249.666666667	09/06/2010 16:00	09/06/2010 15:00	1.5032	33.1614	104.787399	104.740202	0.458175	104.734760	
110	249	1700	249.708333333	09/06/2010 17:00	09/06/2010 16:00	1.5079	33.1568	104.7888224	104.741625	0.459608	104.736193	
110	249	1800	249.750000000	09/06/2010 18:00	09/06/2010 17:00	1.5616	33.1034	104.8050854	104.757888	0.475976	104.752561	
110	249	1900	249.791666667	09/06/2010 19:00	09/06/2010 18:00	1.503	33.1616	104.7873385	104.740141	0.458114	104.734699	
110	249	2000	249.833333333	09/06/2010 20:00	09/06/2010 19:00							
110	249	2100	249.875000000	09/06/2010 21:00	09/06/2010 20:00	1.4969	33.1677	104.7854911	104.738294	0.456255	104.732840	
110	249	2200	249.916666667	09/06/2010 22:00	09/06/2010 21:00	1.4932	33.1714	104.7843705	104.737173	0.455127	104.731712	
110	249	2300	249.958333333	09/06/2010 23:00	09/06/2010 22:00	1.4794	33.1851	104.7801912	104.732994	0.450921	104.727506	
110	250	0	250.000000000	09/07/2010 0:00	09/06/2010 23:00	1.4691	33.1953	104.7770719	104.729875	0.447782	104.724367	
110	250	100	250.041666667	09/07/2010 1:00	09/07/2010 0:00	1.4796	33.1849	104.7802518	104.733055	0.450982	104.727567	
110	250	200	250.083333333	09/07/2010 2:00	09/07/2010 1:00	1.473	33.1914	104.778253	104.731056	0.448970	104.725555	
110	250	300	250.125000000	09/07/2010 3:00	09/07/2010 2:00	1.4972	33.1674	104.7855819	104.738385	0.456347	104.732932	
110	250	400	250.166666667	09/07/2010 4:00	09/07/2010 3:00	1.5243	33.1405	104.7937892	104.746592	0.464607	104.741192	
110	250	500	250.208333333	09/07/2010 5:00	09/07/2010 4:00	1.5495	33.1154	104.801421	104.754224	0.472288	104.748873	
110	250	600	250.250000000	09/07/2010 6:00	09/07/2010 5:00	1.6736	32.9921	104.8390046	104.791807	0.510113	104.786698	
110	250	700	250.291666667	09/07/2010 7:00	09/07/2010 6:00	1.6399	33.0256	104.8287985	104.781601	0.499842	104.776427	
110	250	800	250.333333333	09/07/2010 8:00	09/07/2010 7:00	1.6456	33.0199	104.8305248	104.783328	0.501579	104.778164	
110	250	900	250.375000000	09/07/2010 9:00	09/07/2010 8:00	1.6406	33.0249	104.8290105	104.781813	0.500055	104.776640	
110	250	1000	250.416666667	09/07/2010 10:00	09/07/2010 9:00	1.6353	33.0302	104.8274054	104.780208	0.498439	104.775024	
110	250	1100	250.458333333	09/07/2010 11:00	09/07/2010 10:00	1.6275	33.0379	104.8250432	104.777846	0.496062	104.772647	
110	250	1200	250.500000000	09/07/2010 12:00	09/07/2010 11:00	1.6208	33.0446	104.8230141	104.775817	0.494020	104.770605	
110	250	1300	250.541666667	09/07/2010 13:00	09/07/2010 12:00	1.6282	33.0372	104.8252552	104.778058	0.496275	104.772860	
110	250	1400	250.583333333	09/07/2010 14:00	09/07/2010 13:00	1.6355	33.0300	104.827466	104.780269	0.498500	104.775085	
110	250	1500	250.625000000	09/07/2010 15:00	09/07/2010 14:00	1.6481	33.0174	104.8312819	104.784085	0.502341	104.778926	
110	250	1600	250.666666667	09/07/2010 16:00	09/07/2010 15:00	1.6684	32.9973	104.8374297	104.790233	0.508528	104.785113	
110	250	1700	250.708333333	09/07/2010 17:00	09/07/2010 16:00	1.7061	32.9598	104.8488472	104.801650	0.520019	104.796604	
110	250	1800	250.750000000	09/07/2010 18:00	09/07/2010 17:00	1.7639	32.9024	104.8663518	104.819155	0.537637	104.814222	
110	250	1900	250.791666667	09/07/2010 19:00	09/07/2010 18:00							
110	250	2000	250.833333333	09/07/2010 20:00	09/07/2010 19:00							
110	250	2100	250.875000000	09/07/2010 21:00	09/07/2010 20:00	1.9228	32.7445	104.9144746	104.867277	0.586069	104.862654	
110	250	2200	250.916666667	09/07/2010 22:00	09/07/2010 21:00	1.9587	32.7088	104.9253469	104.878150	0.597012	104.873597	
110	250	2300	250.958333333	09/07/2010 23:00	09/07/2010 22:00							
110	251	0	251.000000000	09/08/2010 0:00	09/07/2010 23:00	1.9586	32.7089	104.9253166	104.878119	0.596981	104.873566	
110	251	100	251.041666667	09/08/2010 1:00	09/08/2010 0:00	1.9557	32.7118	104.9244383	104.877241	0.596097	104.872682	
110	251	200	251.083333333	09/08/2010 2:00	09/08/2010 1:00	1.9504	32.7171	104.9228332	104.875636	0.594482	104.871067	
110	251	300	251.125000000	09/08/2010 3:00	09/08/2010 2:00	1.9611	32.7065	104.9260737	104.878877	0.597743	104.874328	
110	251	400	251.166666667	09/08/2010 4:00	09/08/2010 3:00	1.981	32.6867	104.9321004	104.884903	0.603809	104.880394	
110	251	500	251.208333333	09/08/2010 5:00	09/08/2010 4:00	1.9932	32.6746	104.9357952	104.888598	0.607527	104.884112	
110	251	600	251.250000000	09/08/2010 6:00	09/08/2010 5:00	2.005	32.6628	104.9393688	104.892172	0.611124	104.887709	
110	251	700	251.291666667	09/08/2010 7:00	09/08/2010 6:00	2.0459	32.6222	104.9517553	104.904558	0.623590	104.900175	
110	251	800	251.333333333	09/08/2010 8:00	09/08/2010 7:00	2.045	32.6231	104.9514828	104.904286	0.623316	104.899901	
110	251	900	251.375000000	09/08/2010 9:00	09/08/2010 8:00	2.0395	32.6286	104.9498171	104.902620	0.621640	104.898225	
110	251	1000	251.416666667	09/08/2010 10:00	09/08/2010 9:00	2.038	32.6300	104.9493628	104.902166	0.621182	104.897767	
110	251	1100	251.458333333	09/08/2010 11:00	09/08/2010 10:00	2.0072	32.6606	104.9400351	104.892838	0.611795	104.888380	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	251	1200	251.500000000	09/08/2010 12:00	09/08/2010 11:00	1.9899	32.6778	104.9347958	104.887599	0.606522	104.883107	
110	251	1300	251.541666667	09/08/2010 13:00	09/08/2010 12:00	1.9724	32.6952	104.9294959	104.882299	0.601188	104.877773	
110	251	1400	251.583333333	09/08/2010 14:00	09/08/2010 13:00	1.9472	32.7203	104.9218641	104.874667	0.593507	104.870092	
110	251	1500	251.625000000	09/08/2010 15:00	09/08/2010 14:00	1.9279	32.7394	104.9160191	104.868822	0.587624	104.864209	
110	251	1600	251.666666667	09/08/2010 16:00	09/08/2010 15:00	1.9158	32.7515	104.9123547	104.865158	0.583936	104.860521	
110	251	1700	251.708333333	09/08/2010 17:00	09/08/2010 16:00	1.9327	32.7347	104.9174728	104.870276	0.589087	104.865672	
110	251	1800	251.750000000	09/08/2010 18:00	09/08/2010 17:00	2.0217	32.6462	104.9444264	104.897229	0.616214	104.892799	
110	251	1900	251.791666667	09/08/2010 19:00	09/08/2010 18:00	2.0173	32.6506	104.9430939	104.895897	0.614873	104.891458	
110	251	2000	251.833333333	09/08/2010 20:00	09/08/2010 19:00	2.0528	32.6153	104.953845	104.906648	0.625693	104.902278	
110	251	2100	251.875000000	09/08/2010 21:00	09/08/2010 20:00	2.0842	32.5841	104.9633545	104.916157	0.635264	104.911849	
110	251	2200	251.916666667	09/08/2010 22:00	09/08/2010 21:00	2.1195	32.5491	104.974045	104.926848	0.646024	104.922609	
110	251	2300	251.958333333	09/08/2010 23:00	09/08/2010 22:00	2.1268	32.5418	104.9762558	104.929059	0.648249	104.924834	
110	252	0	252.000000000	09/09/2010 0:00	09/08/2010 23:00	2.1228	32.5458	104.9750445	104.927847	0.647029	104.923614	
110	252	100	252.041666667	09/09/2010 1:00	09/09/2010 0:00	2.1105	32.5580	104.9713194	104.924122	0.643280	104.919865	
110	252	200	252.083333333	09/09/2010 2:00	09/09/2010 1:00	2.0866	32.5818	104.9640813	104.916884	0.635996	104.912581	
110	252	300	252.125000000	09/09/2010 3:00	09/09/2010 2:00	2.0771	32.5912	104.9612042	104.914007	0.633100	104.909685	
110	252	400	252.166666667	09/09/2010 4:00	09/09/2010 3:00	2.0648	32.6034	104.9574792	104.910282	0.629351	104.905936	
110	252	500	252.208333333	09/09/2010 5:00	09/09/2010 4:00	2.0589	32.6093	104.9556924	104.908495	0.627553	104.904138	
110	252	600	252.250000000	09/09/2010 6:00	09/09/2010 5:00							
110	252	700	252.291666667	09/09/2010 7:00	09/09/2010 6:00	2.0547	32.6135	104.9544204	104.907223	0.626273	104.902858	
110	252	800	252.333333333	09/09/2010 8:00	09/09/2010 7:00	2.037	32.6310	104.94906	104.901863	0.620878	104.897463	
110	252	900	252.375000000	09/09/2010 9:00	09/09/2010 8:00	2.0222	32.6457	104.9445778	104.897381	0.616367	104.892952	
110	252	1000	252.416666667	09/09/2010 10:00	09/09/2010 9:00							
110	252	1100	252.458333333	09/09/2010 11:00	09/09/2010 10:00	1.9744	32.6932	104.9301016	104.882905	0.601797	104.878382	
110	252	1200	252.500000000	09/09/2010 12:00	09/09/2010 11:00	1.9506	32.7169	104.9228938	104.875697	0.594543	104.871128	
110	252	1300	252.541666667	09/09/2010 13:00	09/09/2010 12:00	1.9347	32.7327	104.9180785	104.870881	0.589697	104.866282	
110	252	1400	252.583333333	09/09/2010 14:00	09/09/2010 13:00	1.9043	32.7629	104.9088719	104.861675	0.580431	104.857016	
110	252	1500	252.625000000	09/09/2010 15:00	09/09/2010 14:00	1.8773	32.7897	104.900695	104.853498	0.572201	104.848786	
110	252	1600	252.666666667	09/09/2010 16:00	09/09/2010 15:00	1.8459	32.8209	104.8911855	104.843988	0.562630	104.839215	
110	252	1700	252.708333333	09/09/2010 17:00	09/09/2010 16:00	1.8227	32.8440	104.8841594	104.836962	0.555559	104.832144	
110	252	1800	252.750000000	09/09/2010 18:00	09/09/2010 17:00	1.8374	32.8294	104.8886113	104.841414	0.560040	104.836625	
110	252	1900	252.791666667	09/09/2010 19:00	09/09/2010 18:00	1.7527	32.9135	104.8629599	104.815763	0.534223	104.810808	
110	252	2000	252.833333333	09/09/2010 20:00	09/09/2010 19:00	1.7514	32.9148	104.8625662	104.815369	0.533827	104.810412	
110	252	2100	252.875000000	09/09/2010 21:00	09/09/2010 20:00	1.7381	32.9280	104.8585383	104.811341	0.529773	104.806358	
110	252	2200	252.916666667	09/09/2010 22:00	09/09/2010 21:00	1.7237	32.9423	104.8541773	104.806980	0.525384	104.801969	
110	252	2300	252.958333333	09/09/2010 23:00	09/09/2010 22:00	1.7018	32.9641	104.8475449	104.800348	0.518709	104.795294	
110	253	0	253.000000000	09/10/2010 0:00	09/09/2010 23:00	1.6851	32.9807	104.8424873	104.795290	0.513618	104.790204	
110	253	100	253.041666667	09/10/2010 1:00	09/10/2010 0:00	1.6626	33.0030	104.8356732	104.788476	0.506760	104.783346	
110	253	200	253.083333333	09/10/2010 2:00	09/10/2010 1:00							
110	253	300	253.125000000	09/10/2010 3:00	09/10/2010 2:00							
110	253	400	253.166666667	09/10/2010 4:00	09/10/2010 3:00							
110	253	500	253.208333333	09/10/2010 5:00	09/10/2010 4:00							
110	253	600	253.250000000	09/10/2010 6:00	09/10/2010 5:00	1.5998	33.0654	104.8166543	104.769457	0.487619	104.764204	
110	253	700	253.291666667	09/10/2010 7:00	09/10/2010 6:00	1.5808	33.0843	104.8109001	104.763703	0.481828	104.758413	
110	253	800	253.333333333	09/10/2010 8:00	09/10/2010 7:00	1.5618	33.1032	104.805146	104.757949	0.476037	104.752622	
110	253	900	253.375000000	09/10/2010 9:00	09/10/2010 8:00	1.5487	33.1162	104.8011787	104.753982	0.472044	104.748629	
110	253	1000	253.416666667	09/10/2010 10:00	09/10/2010 9:00	1.5356	33.1292	104.7972114	104.750014	0.468051	104.744636	
110	253	1100	253.458333333	09/10/2010 11:00	09/10/2010 10:00	1.525	33.1398	104.7940012	104.746804	0.464820	104.741405	
110	253	1200	253.500000000	09/10/2010 12:00	09/10/2010 11:00	1.5138	33.1509	104.7906092	104.743412	0.461406	104.737991	
110	253	1300	253.541666667	09/10/2010 13:00	09/10/2010 12:00	1.4974	33.1672	104.7856425	104.738445	0.456408	104.732993	
110	253	1400	253.583333333	09/10/2010 14:00	09/10/2010 13:00	1.4886	33.1759	104.7829774	104.735780	0.453725	104.730310	
110	253	1500	253.625000000	09/10/2010 15:00	09/10/2010 14:00	1.4693	33.1951	104.7771324	104.729935	0.447843	104.724428	
110	253	1600	253.666666667	09/10/2010 16:00	09/10/2010 15:00	1.4548	33.2095	104.7727411	104.725544	0.443423	104.720008	
110	253	1700	253.708333333	09/10/2010 17:00	09/10/2010 16:00	1.448	33.2163	104.7706818	104.723485	0.441350	104.717935	
110	253	1800	253.750000000	09/10/2010 18:00	09/10/2010 17:00	1.4839	33.1806	104.781554	104.734357	0.452293	104.728878	
110	253	1900	253.791666667	09/10/2010 19:00	09/10/2010 18:00	1.4131	33.2509	104.7601123	104.712915	0.430713	104.707298	
110	253	2000	253.833333333	09/10/2010 20:00	09/10/2010 19:00	1.4104	33.2536	104.7592946	104.712098	0.429890	104.706475	
110	253	2100	253.875000000	09/10/2010 21:00	09/10/2010 20:00	1.3967	33.2672	104.7551456	104.707948	0.425714	104.702299	
110	253	2200	253.916666667	09/10/2010 22:00	09/10/2010 21:00	1.3958	33.2681	104.754873	104.707676	0.425440	104.702025	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	253	2300	253.958333333	09/10/2010 23:00	09/10/2010 22:00	1.3884	33.2755	104.7526319	104.705435	0.423184	104.699769	
110	254	0	254.000000000	09/11/2010 0:00	09/10/2010 23:00							
110	254	100	254.041666667	09/11/2010 1:00	09/11/2010 0:00							
110	254	200	254.083333333	09/11/2010 2:00	09/11/2010 1:00							
110	254	300	254.125000000	09/11/2010 3:00	09/11/2010 2:00							
110	254	400	254.166666667	09/11/2010 4:00	09/11/2010 3:00							
110	254	500	254.208333333	09/11/2010 5:00	09/11/2010 4:00							
110	254	600	254.250000000	09/11/2010 6:00	09/11/2010 5:00	1.3882	33.2757	104.7525714	104.705374	0.423123	104.699708	
110	254	700	254.291666667	09/11/2010 7:00	09/11/2010 6:00	1.384	33.2799	104.7512994	104.704102	0.421843	104.698428	
110	254	800	254.333333333	09/11/2010 8:00	09/11/2010 7:00	1.3795	33.2843	104.7499366	104.702739	0.420472	104.697057	
110	254	900	254.375000000	09/11/2010 9:00	09/11/2010 8:00	1.3744	33.2894	104.7483921	104.701195	0.418917	104.695502	
110	254	1000	254.416666667	09/11/2010 10:00	09/11/2010 9:00	1.3679	33.2959	104.7464235	104.699226	0.416936	104.693521	
110	254	1100	254.458333333	09/11/2010 11:00	09/11/2010 10:00	1.3621	33.3016	104.744667	104.697470	0.415168	104.691753	
110	254	1200	254.500000000	09/11/2010 12:00	09/11/2010 11:00	1.3537	33.3100	104.7421231	104.694926	0.412608	104.689193	
110	254	1300	254.541666667	09/11/2010 13:00	09/11/2010 12:00	1.3467	33.3169	104.7400031	104.692806	0.410474	104.687059	
110	254	1400	254.583333333	09/11/2010 14:00	09/11/2010 13:00	1.3416	33.3220	104.7384586	104.691261	0.408920	104.685505	
110	254	1500	254.625000000	09/11/2010 15:00	09/11/2010 14:00	1.3368	33.3268	104.7370049	104.689808	0.407457	104.684042	
110	254	1600	254.666666667	09/11/2010 16:00	09/11/2010 15:00	1.3338	33.3297	104.7360964	104.688899	0.406542	104.683127	
110	254	1700	254.708333333	09/11/2010 17:00	09/11/2010 16:00	1.3348	33.3287	104.7363992	104.689202	0.406847	104.683432	
110	254	1800	254.750000000	09/11/2010 18:00	09/11/2010 17:00	1.3688	33.2950	104.7466961	104.699499	0.417210	104.693795	
110	254	1900	254.791666667	09/11/2010 19:00	09/11/2010 18:00	1.3204	33.3431	104.7320382	104.684841	0.402458	104.679043	
110	254	2000	254.833333333	09/11/2010 20:00	09/11/2010 19:00	1.3321	33.3314	104.7355815	104.688384	0.406024	104.682609	
110	254	2100	254.875000000	09/11/2010 21:00	09/11/2010 20:00	1.3348	33.3287	104.7363992	104.689202	0.406847	104.683432	
110	254	2200	254.916666667	09/11/2010 22:00	09/11/2010 21:00							
110	254	2300	254.958333333	09/11/2010 23:00	09/11/2010 22:00	1.3453	33.3183	104.7395791	104.692382	0.410047	104.686632	
110	255	0	255.000000000	09/12/2010 0:00	09/11/2010 23:00	1.347	33.3166	104.740094	104.692897	0.410566	104.687151	
110	255	100	255.041666667	09/12/2010 1:00	09/12/2010 0:00	1.3506	33.3130	104.7411842	104.693987	0.411663	104.688248	
110	255	200	255.083333333	09/12/2010 2:00	09/12/2010 1:00							
110	255	300	255.125000000	09/12/2010 3:00	09/12/2010 2:00							
110	255	400	255.166666667	09/12/2010 4:00	09/12/2010 3:00							
110	255	500	255.208333333	09/12/2010 5:00	09/12/2010 4:00							
110	255	600	255.250000000	09/12/2010 6:00	09/12/2010 5:00	1.3816	33.2822	104.7505726	104.703375	0.421112	104.697697	
110	255	700	255.291666667	09/12/2010 7:00	09/12/2010 6:00	1.3767	33.2871	104.7490886	104.701891	0.419618	104.696203	
110	255	800	255.333333333	09/12/2010 8:00	09/12/2010 7:00	1.3756	33.2882	104.7487555	104.701558	0.419283	104.695868	
110	255	900	255.375000000	09/12/2010 9:00	09/12/2010 8:00	1.3759	33.2879	104.7488463	104.701649	0.419374	104.695959	
110	255	1000	255.416666667	09/12/2010 10:00	09/12/2010 9:00	1.3785	33.2853	104.7496337	104.702437	0.420167	104.696752	
110	255	1100	255.458333333	09/12/2010 11:00	09/12/2010 10:00	1.3815	33.2823	104.7505423	104.703345	0.421081	104.697666	
110	255	1200	255.500000000	09/12/2010 12:00	09/12/2010 11:00	1.3832	33.2807	104.7510571	104.703860	0.421599	104.698184	
110	255	1300	255.541666667	09/12/2010 13:00	09/12/2010 12:00	1.3803	33.2835	104.7501789	104.702982	0.420715	104.697300	
110	255	1400	255.583333333	09/12/2010 14:00	09/12/2010 13:00	1.3771	33.2867	104.7492097	104.702013	0.419740	104.696325	
110	255	1500	255.625000000	09/12/2010 15:00	09/12/2010 14:00	1.3806	33.2832	104.7502697	104.703073	0.420807	104.697392	
110	255	1600	255.666666667	09/12/2010 16:00	09/12/2010 15:00	1.3776	33.2862	104.7493612	104.702164	0.419892	104.696478	
110	255	1700	255.708333333	09/12/2010 17:00	09/12/2010 16:00	1.3786	33.2852	104.749664	104.702467	0.420197	104.696782	
110	255	1800	255.750000000	09/12/2010 18:00	09/12/2010 17:00	1.349	33.3146	104.7406997	104.693503	0.411175	104.687760	
110	255	1900	255.791666667	09/12/2010 19:00	09/12/2010 18:00	1.3617	33.3020	104.7445459	104.697349	0.415046	104.691631	
110	255	2000	255.833333333	09/12/2010 20:00	09/12/2010 19:00	1.374	33.2898	104.7482709	104.701074	0.418795	104.695380	
110	255	2100	255.875000000	09/12/2010 21:00	09/12/2010 20:00	1.3674	33.2964	104.7462721	104.699075	0.416784	104.693369	
110	255	2200	255.916666667	09/12/2010 22:00	09/12/2010 21:00							
110	255	2300	255.958333333	09/12/2010 23:00	09/12/2010 22:00							
110	256	0	256.000000000	09/13/2010 0:00	09/12/2010 23:00							
110	256	100	256.041666667	09/13/2010 1:00	09/13/2010 0:00							
110	256	200	256.083333333	09/13/2010 2:00	09/13/2010 1:00	1.4223	33.2418	104.7628985	104.715701	0.433517	104.710102	
110	256	300	256.125000000	09/13/2010 3:00	09/13/2010 2:00	1.4293	33.2348	104.7650185	104.717821	0.435651	104.712236	
110	256	400	256.166666667	09/13/2010 4:00	09/13/2010 3:00	1.4419	33.2223	104.7688344	104.721637	0.439491	104.716076	
110	256	500	256.208333333	09/13/2010 5:00	09/13/2010 4:00							
110	256	600	256.250000000	09/13/2010 6:00	09/13/2010 5:00	1.4809	33.1836	104.7806455	104.733448	0.451378	104.727963	
110	256	700	256.291666667	09/13/2010 7:00	09/13/2010 6:00	1.4884	33.1761	104.7829169	104.735720	0.453664	104.730249	
110	256	800	256.333333333	09/13/2010 8:00	09/13/2010 7:00	1.4925	33.1721	104.7841586	104.736961	0.454914	104.731499	
110	256	900	256.375000000	09/13/2010 9:00	09/13/2010 8:00	1.4968	33.1678	104.7854608	104.738264	0.456225	104.732810	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	256	1000	256.416666667	09/13/2010 10:00	09/13/2010 9:00	1.4971	33.1675	104.7855517	104.738355	0.456316	104.732901	
110	256	1100	256.458333333	09/13/2010 11:00	09/13/2010 10:00	1.4964	33.1682	104.7853397	104.738143	0.456103	104.732688	
110	256	1200	256.500000000	09/13/2010 12:00	09/13/2010 11:00	1.4973	33.1673	104.7856122	104.738415	0.456377	104.732962	
110	256	1300	256.541666667	09/13/2010 13:00	09/13/2010 12:00	1.4973	33.1673	104.7856122	104.738415	0.456377	104.732962	
110	256	1400	256.583333333	09/13/2010 14:00	09/13/2010 13:00	1.4923	33.1723	104.784098	104.736901	0.454853	104.731438	
110	256	1500	256.625000000	09/13/2010 15:00	09/13/2010 14:00	1.4813	33.1832	104.7807666	104.733570	0.451500	104.728085	
110	256	1600	256.666666667	09/13/2010 16:00	09/13/2010 15:00	1.4771	33.1874	104.7794947	104.732298	0.450220	104.726805	
110	256	1700	256.708333333	09/13/2010 17:00	09/13/2010 16:00	1.4744	33.1900	104.778677	104.731480	0.449397	104.725982	
110	256	1800	256.750000000	09/13/2010 18:00	09/13/2010 17:00	1.4769	33.1876	104.7794341	104.732237	0.450159	104.726744	
110	256	1900	256.791666667	09/13/2010 19:00	09/13/2010 18:00	1.4461	33.2182	104.7701063	104.722909	0.440771	104.717356	
110	256	2000	256.833333333	09/13/2010 20:00	09/13/2010 19:00	1.4719	33.1925	104.7779199	104.730723	0.448635	104.725220	
110	256	2100	256.875000000	09/13/2010 21:00	09/13/2010 20:00							
110	256	2200	256.916666667	09/13/2010 22:00	09/13/2010 21:00	1.5026	33.1620	104.7872173	104.740020	0.457992	104.734578	
110	256	2300	256.958333333	09/13/2010 23:00	09/13/2010 22:00	1.5407	33.1242	104.7987559	104.751559	0.469605	104.746190	
110	257	0	257.000000000	09/14/2010 0:00	09/13/2010 23:00							
110	257	100	257.041666667	09/14/2010 1:00	09/14/2010 0:00							
110	257	200	257.083333333	09/14/2010 2:00	09/14/2010 1:00	1.6665	32.9992	104.8368543	104.789657	0.507949	104.784534	
110	257	300	257.125000000	09/14/2010 3:00	09/14/2010 2:00	1.7053	32.9606	104.8486049	104.801408	0.519775	104.796360	
110	257	400	257.166666667	09/14/2010 4:00	09/14/2010 3:00	1.7346	32.9315	104.8574784	104.810281	0.528706	104.805291	
110	257	500	257.208333333	09/14/2010 5:00	09/14/2010 4:00	1.7541	32.9121	104.8633839	104.816187	0.534650	104.811235	
110	257	600	257.250000000	09/14/2010 6:00	09/14/2010 5:00	1.8509	32.8159	104.8926997	104.845503	0.564154	104.840739	
110	257	700	257.291666667	09/14/2010 7:00	09/14/2010 6:00	1.8069	32.8597	104.8793744	104.832177	0.550743	104.827328	
110	257	800	257.333333333	09/14/2010 8:00	09/14/2010 7:00	1.8084	32.8582	104.8798286	104.832632	0.551200	104.827785	
110	257	900	257.375000000	09/14/2010 9:00	09/14/2010 8:00	1.8039	32.8626	104.8784658	104.831269	0.549829	104.826414	
110	257	1000	257.416666667	09/14/2010 10:00	09/14/2010 9:00	1.7976	32.8689	104.8765579	104.829361	0.547908	104.824494	
110	257	1100	257.458333333	09/14/2010 11:00	09/14/2010 10:00	1.7959	32.8706	104.876043	104.828846	0.547390	104.823975	
110	257	1200	257.500000000	09/14/2010 12:00	09/14/2010 11:00	1.7866	32.8798	104.8732265	104.826029	0.544556	104.821141	
110	257	1300	257.541666667	09/14/2010 13:00	09/14/2010 12:00	1.777	32.8894	104.8703192	104.823122	0.541630	104.818215	
110	257	1400	257.583333333	09/14/2010 14:00	09/14/2010 13:00	1.768	32.8983	104.8675935	104.820396	0.538886	104.815471	
110	257	1500	257.625000000	09/14/2010 15:00	09/14/2010 14:00	1.766	32.9003	104.8669878	104.819791	0.538277	104.814862	
110	257	1600	257.666666667	09/14/2010 16:00	09/14/2010 15:00	1.7764	32.8900	104.8701375	104.822940	0.541447	104.818032	
110	257	1700	257.708333333	09/14/2010 17:00	09/14/2010 16:00	1.8006	32.8659	104.8774664	104.830269	0.548823	104.825408	
110	257	1800	257.750000000	09/14/2010 18:00	09/14/2010 17:00	1.8556	32.8113	104.8941231	104.846926	0.565587	104.842172	
110	257	1900	257.791666667	09/14/2010 19:00	09/14/2010 18:00	1.8287	32.8380	104.8859765	104.838779	0.557388	104.833973	
110	257	2000	257.833333333	09/14/2010 20:00	09/14/2010 19:00	1.8585	32.8084	104.8950014	104.847804	0.566471	104.843056	
110	257	2100	257.875000000	09/14/2010 21:00	09/14/2010 20:00	1.8723	32.7947	104.8991807	104.851984	0.570677	104.847262	
110	257	2200	257.916666667	09/14/2010 22:00	09/14/2010 21:00							
110	257	2300	257.958333333	09/14/2010 23:00	09/14/2010 22:00							
110	258	0	258.000000000	09/15/2010 0:00	09/14/2010 23:00							
110	258	100	258.041666667	09/15/2010 1:00	09/15/2010 0:00	1.834	32.8327	104.8875816	104.840384	0.559003	104.835588	
110	258	200	258.083333333	09/15/2010 2:00	09/15/2010 1:00							
110	258	300	258.125000000	09/15/2010 3:00	09/15/2010 2:00							
110	258	400	258.166666667	09/15/2010 4:00	09/15/2010 3:00							
110	258	500	258.208333333	09/15/2010 5:00	09/15/2010 4:00							
110	258	600	258.250000000	09/15/2010 6:00	09/15/2010 5:00	1.8859	32.7812	104.9032995	104.856102	0.574822	104.851407	
110	258	700	258.291666667	09/15/2010 7:00	09/15/2010 6:00	1.9032	32.7640	104.9085387	104.861342	0.580095	104.856680	
110	258	800	258.333333333	09/15/2010 8:00	09/15/2010 7:00	1.9071	32.7601	104.9097199	104.862523	0.581284	104.857869	
110	258	900	258.375000000	09/15/2010 9:00	09/15/2010 8:00	1.9169	32.7504	104.9126878	104.865491	0.584271	104.860856	
110	258	1000	258.416666667	09/15/2010 10:00	09/15/2010 9:00	1.9161	32.7512	104.9124455	104.865248	0.584027	104.860612	
110	258	1100	258.458333333	09/15/2010 11:00	09/15/2010 10:00	1.9114	32.7558	104.9110221	104.863825	0.582595	104.859180	
110	258	1200	258.500000000	09/15/2010 12:00	09/15/2010 11:00	1.9163	32.7510	104.9125061	104.865309	0.584088	104.860673	
110	258	1300	258.541666667	09/15/2010 13:00	09/15/2010 12:00	1.9037	32.7635	104.9086902	104.861493	0.580248	104.856833	
110	258	1400	258.583333333	09/15/2010 14:00	09/15/2010 13:00	1.8983	32.7688	104.9070548	104.859858	0.578602	104.855187	
110	258	1500	258.625000000	09/15/2010 15:00	09/15/2010 14:00	1.8923	32.7748	104.9052377	104.858041	0.576773	104.853358	
110	258	1600	258.666666667	09/15/2010 16:00	09/15/2010 15:00	1.8935	32.7736	104.9056011	104.858404	0.577139	104.853724	
110	258	1700	258.708333333	09/15/2010 17:00	09/15/2010 16:00	1.9115	32.7557	104.9110524	104.863855	0.582625	104.859210	
110	258	1800	258.750000000	09/15/2010 18:00	09/15/2010 17:00	1.9071	32.7601	104.9097199	104.862523	0.581284	104.857869	
110	258	1900	258.791666667	09/15/2010 19:00	09/15/2010 18:00	1.937	32.7304	104.9187751	104.871578	0.590398	104.866983	
110	258	2000	258.833333333	09/15/2010 20:00	09/15/2010 19:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	258	2100	258.875000000	09/15/2010 21:00	09/15/2010 20:00							
110	258	2200	258.916666667	09/15/2010 22:00	09/15/2010 21:00	1.9494	32.7181	104.9225304	104.875333	0.594177	104.870762	
110	258	2300	258.958333333	09/15/2010 23:00	09/15/2010 22:00	1.9317	32.7357	104.91717	104.869973	0.588782	104.865367	
110	259	0	259.000000000	09/16/2010 0:00	09/15/2010 23:00	1.9155	32.7518	104.9122638	104.865067	0.583844	104.860429	
110	259	100	259.041666667	09/16/2010 1:00	09/16/2010 0:00							
110	259	200	259.083333333	09/16/2010 2:00	09/16/2010 1:00	1.8563	32.8106	104.8943351	104.847138	0.565800	104.842385	
110	259	300	259.125000000	09/16/2010 3:00	09/16/2010 2:00	1.8274	32.8393	104.8855828	104.838386	0.556992	104.833577	
110	259	400	259.166666667	09/16/2010 4:00	09/16/2010 3:00	1.7959	32.8706	104.876043	104.828846	0.547390	104.823975	
110	259	500	259.208333333	09/16/2010 5:00	09/16/2010 4:00	1.7702	32.8961	104.8682598	104.821063	0.539557	104.816142	
110	259	600	259.250000000	09/16/2010 6:00	09/16/2010 5:00	1.7403	32.9258	104.8592046	104.812007	0.530443	104.807028	
110	259	700	259.291666667	09/16/2010 7:00	09/16/2010 6:00	1.7455	32.9207	104.8607794	104.813582	0.532028	104.808613	
110	259	800	259.333333333	09/16/2010 8:00	09/16/2010 7:00	1.7175	32.9485	104.8522996	104.805103	0.523494	104.800079	
110	259	900	259.375000000	09/16/2010 9:00	09/16/2010 8:00	1.6941	32.9717	104.845213	104.798016	0.516362	104.792947	
110	259	1000	259.416666667	09/16/2010 10:00	09/16/2010 9:00	1.6845	32.9813	104.8423056	104.795109	0.513436	104.790021	
110	259	1100	259.458333333	09/16/2010 11:00	09/16/2010 10:00	1.6735	32.9922	104.8389743	104.791777	0.510083	104.786668	
110	259	1200	259.500000000	09/16/2010 12:00	09/16/2010 11:00	1.6681	32.9976	104.8373389	104.790142	0.508437	104.785022	
110	259	1300	259.541666667	09/16/2010 13:00	09/16/2010 12:00	1.6582	33.0074	104.8343407	104.787144	0.505419	104.782004	
110	259	1400	259.583333333	09/16/2010 14:00	09/16/2010 13:00	1.6514	33.0142	104.8322813	104.785084	0.503347	104.779932	
110	259	1500	259.625000000	09/16/2010 15:00	09/16/2010 14:00	1.6349	33.0306	104.8272843	104.780087	0.498318	104.774903	
110	259	1600	259.666666667	09/16/2010 16:00	09/16/2010 15:00	1.6379	33.0276	104.8281928	104.780996	0.499232	104.775817	
110	259	1700	259.708333333	09/16/2010 17:00	09/16/2010 16:00	1.6533	33.0123	104.8328567	104.785660	0.503926	104.780511	
110	259	1800	259.750000000	09/16/2010 18:00	09/16/2010 17:00	1.6607	33.0049	104.8350978	104.787901	0.506181	104.782766	
110	259	1900	259.791666667	09/16/2010 19:00	09/16/2010 18:00	1.7088	32.9571	104.8496648	104.802468	0.520842	104.797427	
110	259	2000	259.833333333	09/16/2010 20:00	09/16/2010 19:00							
110	259	2100	259.875000000	09/16/2010 21:00	09/16/2010 20:00	1.7612	32.9051	104.8655342	104.818337	0.536814	104.813399	
110	259	2200	259.916666667	09/16/2010 22:00	09/16/2010 21:00	1.7647	32.9016	104.8665941	104.819397	0.537881	104.814466	
110	259	2300	259.958333333	09/16/2010 23:00	09/16/2010 22:00	1.7714	32.8949	104.8686232	104.821426	0.539923	104.816508	
110	260	0	260.000000000	09/17/2010 0:00	09/16/2010 23:00							
110	260	100	260.041666667	09/17/2010 1:00	09/17/2010 0:00	1.7733	32.8930	104.8691986	104.822002	0.540502	104.817087	
110	260	200	260.083333333	09/17/2010 2:00	09/17/2010 1:00	1.7764	32.8900	104.8701375	104.822940	0.541447	104.818032	
110	260	300	260.125000000	09/17/2010 3:00	09/17/2010 2:00	1.7736	32.8928	104.8692895	104.822092	0.540593	104.817178	
110	260	400	260.166666667	09/17/2010 4:00	09/17/2010 3:00	1.7783	32.8881	104.8707129	104.823516	0.542026	104.818611	
110	260	500	260.208333333	09/17/2010 5:00	09/17/2010 4:00	1.7798	32.8866	104.8711671	104.823970	0.542483	104.819068	
110	260	600	260.250000000	09/17/2010 6:00	09/17/2010 5:00	1.8039	32.8626	104.8784658	104.831269	0.549829	104.826414	
110	260	700	260.291666667	09/17/2010 7:00	09/17/2010 6:00	1.7976	32.8689	104.8765579	104.829361	0.547908	104.824494	
110	260	800	260.333333333	09/17/2010 8:00	09/17/2010 7:00	1.7949	32.8716	104.8757402	104.828543	0.547086	104.823671	
110	260	900	260.375000000	09/17/2010 9:00	09/17/2010 8:00	1.7867	32.8797	104.8732568	104.826060	0.544586	104.821171	
110	260	1000	260.416666667	09/17/2010 10:00	09/17/2010 9:00	1.777	32.8894	104.8703192	104.823122	0.541630	104.818215	
110	260	1100	260.458333333	09/17/2010 11:00	09/17/2010 10:00	1.7651	32.9012	104.8667153	104.819518	0.538002	104.814588	
110	260	1200	260.500000000	09/17/2010 12:00	09/17/2010 11:00	1.7561	32.9101	104.8639896	104.816793	0.535259	104.811844	
110	260	1300	260.541666667	09/17/2010 13:00	09/17/2010 12:00	1.7358	32.9303	104.8578418	104.810645	0.529072	104.805657	
110	260	1400	260.583333333	09/17/2010 14:00	09/17/2010 13:00	1.7201	32.9459	104.853087	104.805890	0.524286	104.800872	
110	260	1500	260.625000000	09/17/2010 15:00	09/17/2010 14:00	1.7008	32.9651	104.8472421	104.800045	0.518404	104.794989	
110	260	1600	260.666666667	09/17/2010 16:00	09/17/2010 15:00	1.6862	32.9796	104.8428205	104.795623	0.513954	104.790539	
110	260	1700	260.708333333	09/17/2010 17:00	09/17/2010 16:00	1.6823	32.9835	104.8416393	104.794442	0.512765	104.789350	
110	260	1800	260.750000000	09/17/2010 18:00	09/17/2010 17:00	1.6761	32.9896	104.8397617	104.792565	0.510875	104.787460	
110	260	1900	260.791666667	09/17/2010 19:00	09/17/2010 18:00	1.692	32.9738	104.844577	104.797380	0.515722	104.792307	
110	260	2000	260.833333333	09/17/2010 20:00	09/17/2010 19:00	1.7013	32.9646	104.8473935	104.800196	0.518556	104.795141	
110	260	2100	260.875000000	09/17/2010 21:00	09/17/2010 20:00	1.7192	32.9468	104.8528145	104.805617	0.524012	104.800597	
110	260	2200	260.916666667	09/17/2010 22:00	09/17/2010 21:00	1.7312	32.9349	104.8564487	104.809252	0.527670	104.804255	
110	260	2300	260.958333333	09/17/2010 23:00	09/17/2010 22:00	1.7588	32.9075	104.8648073	104.817610	0.536082	104.812667	
110	261	0	261.000000000	09/18/2010 0:00	09/17/2010 23:00	1.7536	32.9126	104.8632325	104.816035	0.534497	104.811082	
110	261	100	261.041666667	09/18/2010 1:00	09/18/2010 0:00							
110	261	200	261.083333333	09/18/2010 2:00	09/18/2010 1:00	1.7478	32.9184	104.861476	104.814279	0.532729	104.809314	
110	261	300	261.125000000	09/18/2010 3:00	09/18/2010 2:00							
110	261	400	261.166666667	09/18/2010 4:00	09/18/2010 3:00							
110	261	500	261.208333333	09/18/2010 5:00	09/18/2010 4:00							
110	261	600	261.250000000	09/18/2010 6:00	09/18/2010 5:00	1.7457	32.9205	104.86084	104.813643	0.532089	104.808674	
110	261	700	261.291666667	09/18/2010 7:00	09/18/2010 6:00	1.7347	32.9314	104.8575086	104.810312	0.528737	104.805322	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	261	800	261.333333333	09/18/2010 8:00	09/18/2010 7:00	1.7301	32.9360	104.8561155	104.808918	0.527334	104.803920	
110	261	900	261.375000000	09/18/2010 9:00	09/18/2010 8:00	1.7296	32.9365	104.8559641	104.808767	0.527182	104.803767	
110	261	1000	261.416666667	09/18/2010 10:00	09/18/2010 9:00	1.7257	32.9403	104.854783	104.807586	0.525993	104.802578	
110	261	1100	261.458333333	09/18/2010 11:00	09/18/2010 10:00	1.7238	32.9422	104.8542076	104.807010	0.525414	104.801999	
110	261	1200	261.500000000	09/18/2010 12:00	09/18/2010 11:00	1.7221	32.9439	104.8536927	104.806496	0.524896	104.801481	
110	261	1300	261.541666667	09/18/2010 13:00	09/18/2010 12:00	1.7141	32.9519	104.85127	104.804073	0.522458	104.799043	
110	261	1400	261.583333333	09/18/2010 14:00	09/18/2010 13:00	1.709	32.9569	104.8497254	104.802528	0.520903	104.797488	
110	261	1500	261.625000000	09/18/2010 15:00	09/18/2010 14:00	1.6942	32.9716	104.8452433	104.798046	0.516392	104.792977	
110	261	1600	261.666666667	09/18/2010 16:00	09/18/2010 15:00	1.68	32.9858	104.8409428	104.793746	0.512064	104.788649	
110	261	1700	261.708333333	09/18/2010 17:00	09/18/2010 16:00	1.6848	32.9810	104.8423965	104.795199	0.513527	104.790112	
110	261	1800	261.750000000	09/18/2010 18:00	09/18/2010 17:00	1.6507	33.0149	104.8320693	104.784872	0.503133	104.779718	
110	261	1900	261.791666667	09/18/2010 19:00	09/18/2010 18:00	1.6052	33.0601	104.8182897	104.771093	0.489265	104.765850	
110	261	2000	261.833333333	09/18/2010 20:00	09/18/2010 19:00	1.6109	33.0544	104.8200159	104.772819	0.491002	104.767587	
110	261	2100	261.875000000	09/18/2010 21:00	09/18/2010 20:00	1.5882	33.0770	104.8131412	104.765944	0.484083	104.760668	
110	261	2200	261.916666667	09/18/2010 22:00	09/18/2010 21:00	1.5853	33.0798	104.812263	104.765066	0.483199	104.759784	
110	261	2300	261.958333333	09/18/2010 23:00	09/18/2010 22:00							
110	262	0	262.000000000	09/19/2010 0:00	09/18/2010 23:00							
110	262	100	262.041666667	09/19/2010 1:00	09/19/2010 0:00							
110	262	200	262.083333333	09/19/2010 2:00	09/19/2010 1:00							
110	262	300	262.125000000	09/19/2010 3:00	09/19/2010 2:00							
110	262	400	262.166666667	09/19/2010 4:00	09/19/2010 3:00							
110	262	500	262.208333333	09/19/2010 5:00	09/19/2010 4:00							
110	262	600	262.250000000	09/19/2010 6:00	09/19/2010 5:00							
110	262	700	262.291666667	09/19/2010 7:00	09/19/2010 6:00	1.5764	33.0887	104.8095676	104.762371	0.480487	104.757072	
110	262	800	262.333333333	09/19/2010 8:00	09/19/2010 7:00	1.5535	33.1114	104.8026324	104.755435	0.473507	104.750092	
110	262	900	262.375000000	09/19/2010 9:00	09/19/2010 8:00	1.5405	33.1244	104.7986953	104.751498	0.469544	104.746129	
110	262	1000	262.416666667	09/19/2010 10:00	09/19/2010 9:00	1.5366	33.1282	104.7975142	104.750317	0.468356	104.744941	
110	262	1100	262.458333333	09/19/2010 11:00	09/19/2010 10:00	1.5407	33.1242	104.7987559	104.751559	0.469605	104.746190	
110	262	1200	262.500000000	09/19/2010 12:00	09/19/2010 11:00	1.548	33.1169	104.8009667	104.753770	0.471830	104.748415	
110	262	1300	262.541666667	09/19/2010 13:00	09/19/2010 12:00	1.5524	33.1125	104.8022992	104.755102	0.473172	104.749757	
110	262	1400	262.583333333	09/19/2010 14:00	09/19/2010 13:00	1.5582	33.1068	104.8040557	104.756859	0.474939	104.751524	
110	262	1500	262.625000000	09/19/2010 15:00	09/19/2010 14:00	1.5717	33.0934	104.8081442	104.760947	0.479054	104.755639	
110	262	1600	262.666666667	09/19/2010 16:00	09/19/2010 15:00	1.5794	33.0857	104.8104762	104.763279	0.481401	104.757986	
110	262	1700	262.708333333	09/19/2010 17:00	09/19/2010 16:00	1.6251	33.0403	104.8243164	104.777119	0.495330	104.771916	
110	262	1800	262.750000000	09/19/2010 18:00	09/19/2010 17:00	1.5603	33.1047	104.8046917	104.757495	0.475579	104.752164	
110	262	1900	262.791666667	09/19/2010 19:00	09/19/2010 18:00							
110	262	2000	262.833333333	09/19/2010 20:00	09/19/2010 19:00	1.5881	33.0771	104.8131109	104.765914	0.484053	104.760638	
110	262	2100	262.875000000	09/19/2010 21:00	09/19/2010 20:00	1.5875	33.0777	104.8129292	104.765732	0.483870	104.760455	
110	262	2200	262.916666667	09/19/2010 22:00	09/19/2010 21:00							
110	262	2300	262.958333333	09/19/2010 23:00	09/19/2010 22:00							
110	263	0	263.000000000	09/20/2010 0:00	09/19/2010 23:00	1.5927	33.0725	104.814504	104.767307	0.485455	104.762040	
110	263	100	263.041666667	09/20/2010 1:00	09/20/2010 0:00	1.595	33.0702	104.8152006	104.768003	0.486156	104.762741	
110	263	200	263.083333333	09/20/2010 2:00	09/20/2010 1:00	1.6023	33.0630	104.8174114	104.770214	0.488381	104.764966	
110	263	300	263.125000000	09/20/2010 3:00	09/20/2010 2:00	1.6061	33.0592	104.8185622	104.771365	0.489539	104.766124	
110	263	400	263.166666667	09/20/2010 4:00	09/20/2010 3:00	1.6121	33.0532	104.8203793	104.773182	0.491368	104.767953	
110	263	500	263.208333333	09/20/2010 5:00	09/20/2010 4:00							
110	263	600	263.250000000	09/20/2010 6:00	09/20/2010 5:00	1.6849	32.9809	104.8424268	104.795230	0.513558	104.790143	
110	263	700	263.291666667	09/20/2010 7:00	09/20/2010 6:00	1.6472	33.0183	104.8310093	104.783812	0.502067	104.778652	
110	263	800	263.333333333	09/20/2010 8:00	09/20/2010 7:00	1.6501	33.0155	104.8318876	104.784690	0.502950	104.779536	
110	263	900	263.375000000	09/20/2010 9:00	09/20/2010 8:00	1.6554	33.0102	104.8334927	104.786296	0.504566	104.781151	
110	263	1000	263.416666667	09/20/2010 10:00	09/20/2010 9:00	1.6503	33.0153	104.8319482	104.784751	0.503011	104.779596	
110	263	1100	263.458333333	09/20/2010 11:00	09/20/2010 10:00	1.657	33.0086	104.8339773	104.786780	0.505054	104.781639	
110	263	1200	263.500000000	09/20/2010 12:00	09/20/2010 11:00	1.6568	33.0088	104.8339167	104.786720	0.504993	104.781578	
110	263	1300	263.541666667	09/20/2010 13:00	09/20/2010 12:00	1.6527	33.0129	104.832675	104.785478	0.503743	104.780328	
110	263	1400	263.583333333	09/20/2010 14:00	09/20/2010 13:00	1.6488	33.0168	104.8314939	104.784297	0.502554	104.779139	
110	263	1500	263.625000000	09/20/2010 15:00	09/20/2010 14:00	1.6196	33.0458	104.8226507	104.775454	0.493654	104.770239	
110	263	1600	263.666666667	09/20/2010 16:00	09/20/2010 15:00	1.5973	33.0679	104.8158972	104.768700	0.486857	104.763442	
110	263	1700	263.708333333	09/20/2010 17:00	09/20/2010 16:00	1.5688	33.0962	104.807266	104.760069	0.478170	104.754755	
110	263	1800	263.750000000	09/20/2010 18:00	09/20/2010 17:00	1.5329	33.1319	104.7963937	104.749197	0.467228	104.743813	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	263	1900	263.791666667	09/20/2010 19:00	09/20/2010 18:00	1.4844	33.1801	104.7817055	104.734508	0.452445	104.729030	
110	263	2000	263.833333333	09/20/2010 20:00	09/20/2010 19:00	1.4738	33.1906	104.7784953	104.731298	0.449214	104.725799	
110	263	2100	263.875000000	09/20/2010 21:00	09/20/2010 20:00	1.4703	33.1941	104.7774353	104.730238	0.448147	104.724732	
110	263	2200	263.916666667	09/20/2010 22:00	09/20/2010 21:00	1.4492	33.2151	104.7710452	104.723848	0.441716	104.718301	
110	263	2300	263.958333333	09/20/2010 23:00	09/20/2010 22:00							
110	264	0	264.000000000	09/21/2010 0:00	09/20/2010 23:00							
110	264	100	264.041666667	09/21/2010 1:00	09/21/2010 0:00							
110	264	200	264.083333333	09/21/2010 2:00	09/21/2010 1:00							
110	264	300	264.125000000	09/21/2010 3:00	09/21/2010 2:00							
110	264	400	264.166666667	09/21/2010 4:00	09/21/2010 3:00							
110	264	500	264.208333333	09/21/2010 5:00	09/21/2010 4:00							
110	264	600	264.250000000	09/21/2010 6:00	09/21/2010 5:00							
110	264	700	264.291666667	09/21/2010 7:00	09/21/2010 6:00	1.4315	33.2327	104.7656847	104.718488	0.436321	104.712906	
110	264	800	264.333333333	09/21/2010 8:00	09/21/2010 7:00	1.4251	33.2390	104.7637465	104.716549	0.434370	104.710956	
110	264	900	264.375000000	09/21/2010 9:00	09/21/2010 8:00	1.4223	33.2418	104.7628985	104.715701	0.433517	104.710102	
110	264	1000	264.416666667	09/21/2010 10:00	09/21/2010 9:00	1.414	33.2500	104.7603849	104.713188	0.430987	104.707572	
110	264	1100	264.458333333	09/21/2010 11:00	09/21/2010 10:00	1.405	33.2590	104.7576592	104.710462	0.428244	104.704829	
110	264	1200	264.500000000	09/21/2010 12:00	09/21/2010 11:00	1.3932	33.2707	104.7540856	104.706889	0.424647	104.701232	
110	264	1300	264.541666667	09/21/2010 13:00	09/21/2010 12:00	1.3949	33.2690	104.7546005	104.707403	0.425166	104.701751	
110	264	1400	264.583333333	09/21/2010 14:00	09/21/2010 13:00	1.4135	33.2505	104.7602335	104.713036	0.430835	104.707420	
110	264	1500	264.625000000	09/21/2010 15:00	09/21/2010 14:00	1.4292	33.2349	104.7649882	104.717791	0.435620	104.712205	
110	264	1600	264.666666667	09/21/2010 16:00	09/21/2010 15:00	1.4493	33.2150	104.7710755	104.723878	0.441747	104.718332	
110	264	1700	264.708333333	09/21/2010 17:00	09/21/2010 16:00	1.4609	33.2034	104.7745885	104.727391	0.445282	104.721867	
110	264	1800	264.750000000	09/21/2010 18:00	09/21/2010 17:00	1.4691	33.1953	104.7770719	104.729875	0.447782	104.724367	
110	264	1900	264.791666667	09/21/2010 19:00	09/21/2010 18:00	1.452	33.2123	104.7718932	104.724696	0.442570	104.719155	
110	264	2000	264.833333333	09/21/2010 20:00	09/21/2010 19:00	1.4495	33.2148	104.771136	104.723939	0.441808	104.718393	
110	264	2100	264.875000000	09/21/2010 21:00	09/21/2010 20:00	1.4545	33.2098	104.7726503	104.725453	0.443332	104.719917	
110	264	2200	264.916666667	09/21/2010 22:00	09/21/2010 21:00	1.466	33.1984	104.776133	104.728936	0.446837	104.723422	
110	264	2300	264.958333333	09/21/2010 23:00	09/21/2010 22:00	1.4782	33.1863	104.7798278	104.732631	0.450555	104.727140	
110	265	0	265.000000000	09/22/2010 0:00	09/21/2010 23:00	1.4947	33.1699	104.7848248	104.737628	0.455585	104.732170	
110	265	100	265.041666667	09/22/2010 1:00	09/22/2010 0:00	1.5002	33.1644	104.7864905	104.739293	0.457261	104.733846	
110	265	200	265.083333333	09/22/2010 2:00	09/22/2010 1:00	1.5256	33.1392	104.7941829	104.746986	0.465003	104.741588	
110	265	300	265.125000000	09/22/2010 3:00	09/22/2010 2:00	1.5212	33.1435	104.7928503	104.745653	0.463662	104.740247	
110	265	400	265.166666667	09/22/2010 4:00	09/22/2010 3:00	1.5205	33.1442	104.7926383	104.745441	0.463448	104.740033	
110	265	500	265.208333333	09/22/2010 5:00	09/22/2010 4:00	1.5087	33.1560	104.7890647	104.741868	0.459852	104.736437	
110	265	600	265.250000000	09/22/2010 6:00	09/22/2010 5:00	1.5001	33.1645	104.7864602	104.739263	0.457230	104.733816	
110	265	700	265.291666667	09/22/2010 7:00	09/22/2010 6:00	1.5091	33.1556	104.7891858	104.741989	0.459974	104.736559	
110	265	800	265.333333333	09/22/2010 8:00	09/22/2010 7:00	1.4942	33.1704	104.7846734	104.737476	0.455432	104.732017	
110	265	900	265.375000000	09/22/2010 9:00	09/22/2010 8:00	1.4799	33.1846	104.7803426	104.733146	0.451074	104.727659	
110	265	1000	265.416666667	09/22/2010 10:00	09/22/2010 9:00	1.4638	33.2006	104.7754668	104.728270	0.446166	104.722751	
110	265	1100	265.458333333	09/22/2010 11:00	09/22/2010 10:00	1.4507	33.2136	104.7714995	104.724302	0.442173	104.718758	
110	265	1200	265.500000000	09/22/2010 12:00	09/22/2010 11:00	1.4355	33.2287	104.7668961	104.719699	0.437540	104.714125	
110	265	1300	265.541666667	09/22/2010 13:00	09/22/2010 12:00	1.4297	33.2345	104.7651396	104.717943	0.435773	104.712358	
110	265	1400	265.583333333	09/22/2010 14:00	09/22/2010 13:00	1.4267	33.2374	104.7642311	104.717034	0.434858	104.711443	
110	265	1500	265.625000000	09/22/2010 15:00	09/22/2010 14:00	1.4265	33.2376	104.7641705	104.716973	0.434797	104.711382	
110	265	1600	265.666666667	09/22/2010 16:00	09/22/2010 15:00	1.4311	33.2331	104.7655636	104.718367	0.436199	104.712784	
110	265	1700	265.708333333	09/22/2010 17:00	09/22/2010 16:00	1.4412	33.2230	104.7686224	104.721425	0.439278	104.715863	
110	265	1800	265.750000000	09/22/2010 18:00	09/22/2010 17:00	1.4204	33.2437	104.7623231	104.715126	0.432938	104.709523	
110	265	1900	265.791666667	09/22/2010 19:00	09/22/2010 18:00	1.4201	33.2440	104.7622323	104.715035	0.432846	104.709432	
110	265	2000	265.833333333	09/22/2010 20:00	09/22/2010 19:00	1.4215	33.2426	104.7626563	104.715459	0.433273	104.709858	
110	265	2100	265.875000000	09/22/2010 21:00	09/22/2010 20:00	1.4219	33.2422	104.7627774	104.715580	0.433395	104.709980	
110	265	2200	265.916666667	09/22/2010 22:00	09/22/2010 21:00	1.4055	33.2585	104.7578107	104.710614	0.428396	104.704981	
110	265	2300	265.958333333	09/22/2010 23:00	09/22/2010 22:00	1.3998	33.2642	104.7560844	104.708887	0.426659	104.703244	
110	266	0	266.000000000	09/23/2010 0:00	09/22/2010 23:00	1.4028	33.2612	104.756993	104.709796	0.427573	104.704158	
110	266	100	266.041666667	09/23/2010 1:00	09/23/2010 0:00	1.3993	33.2647	104.755933	104.708736	0.426507	104.703092	
110	266	200	266.083333333	09/23/2010 2:00	09/23/2010 1:00	1.405	33.2590	104.7576592	104.710462	0.428244	104.704829	
110	266	300	266.125000000	09/23/2010 3:00	09/23/2010 2:00	1.3943	33.2696	104.7544188	104.707222	0.424983	104.701568	
110	266	400	266.166666667	09/23/2010 4:00	09/23/2010 3:00	1.3846	33.2793	104.7514811	104.704284	0.422026	104.698611	
110	266	500	266.208333333	09/23/2010 5:00	09/23/2010 4:00	1.3798	33.2840	104.7500274	104.702830	0.420563	104.697148	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	266	600	266.250000000	09/23/2010 6:00	09/23/2010 5:00	1.4341	33.2301	104.7664722	104.719275	0.437114	104.713699	
110	266	700	266.291666667	09/23/2010 7:00	09/23/2010 6:00	1.3887	33.2752	104.7527228	104.705526	0.423276	104.699861	
110	266	800	266.333333333	09/23/2010 8:00	09/23/2010 7:00	1.3766	33.2872	104.7490583	104.701861	0.419588	104.696173	
110	266	900	266.375000000	09/23/2010 9:00	09/23/2010 8:00	1.3732	33.2906	104.7480286	104.700832	0.418551	104.695136	
110	266	1000	266.416666667	09/23/2010 10:00	09/23/2010 9:00	1.3662	33.2975	104.7459087	104.698712	0.416418	104.693003	
110	266	1100	266.458333333	09/23/2010 11:00	09/23/2010 10:00	1.359	33.3047	104.7437282	104.696531	0.414223	104.690808	
110	266	1200	266.500000000	09/23/2010 12:00	09/23/2010 11:00	1.3539	33.3098	104.7421836	104.694987	0.412669	104.689254	
110	266	1300	266.541666667	09/23/2010 13:00	09/23/2010 12:00	1.3452	33.3184	104.7395489	104.692352	0.410017	104.686602	
110	266	1400	266.583333333	09/23/2010 14:00	09/23/2010 13:00	1.3409	33.3227	104.7382466	104.691049	0.408706	104.685291	
110	266	1500	266.625000000	09/23/2010 15:00	09/23/2010 14:00	1.3411	33.3225	104.7383072	104.691110	0.408767	104.685352	
110	266	1600	266.666666667	09/23/2010 16:00	09/23/2010 15:00	1.3449	33.3187	104.739458	104.692261	0.409926	104.686511	
110	266	1700	266.708333333	09/23/2010 17:00	09/23/2010 16:00	1.3633	33.3004	104.7450304	104.697833	0.415534	104.692119	
110	266	1800	266.750000000	09/23/2010 18:00	09/23/2010 17:00	1.3329	33.3306	104.7358238	104.688627	0.406268	104.682853	
110	266	1900	266.791666667	09/23/2010 19:00	09/23/2010 18:00	1.3612	33.3025	104.7443944	104.697197	0.414894	104.691479	
110	266	2000	266.833333333	09/23/2010 20:00	09/23/2010 19:00	1.3738	33.2900	104.7482103	104.701013	0.418734	104.695319	
110	266	2100	266.875000000	09/23/2010 21:00	09/23/2010 20:00	1.3873	33.2766	104.7522988	104.705102	0.422849	104.699434	
110	266	2200	266.916666667	09/23/2010 22:00	09/23/2010 21:00	1.3993	33.2647	104.755933	104.708736	0.426507	104.703092	
110	266	2300	266.958333333	09/23/2010 23:00	09/23/2010 22:00							
110	267	0	267.000000000	09/24/2010 0:00	09/23/2010 23:00	1.4581	33.2062	104.7737405	104.726543	0.444429	104.721014	
110	267	100	267.041666667	09/24/2010 1:00	09/24/2010 0:00	1.4931	33.1715	104.7843403	104.737143	0.455097	104.731682	
110	267	200	267.083333333	09/24/2010 2:00	09/24/2010 1:00	1.5192	33.1455	104.7922446	104.745048	0.463052	104.739637	
110	267	300	267.125000000	09/24/2010 3:00	09/24/2010 2:00	1.5573	33.1077	104.8037832	104.756586	0.474665	104.751250	
110	267	400	267.166666667	09/24/2010 4:00	09/24/2010 3:00	1.5858	33.0793	104.8124144	104.765217	0.483352	104.759937	
110	267	500	267.208333333	09/24/2010 5:00	09/24/2010 4:00							
110	267	600	267.250000000	09/24/2010 6:00	09/24/2010 5:00	1.6537	33.0119	104.8329779	104.785781	0.504048	104.780633	
110	267	700	267.291666667	09/24/2010 7:00	09/24/2010 6:00	1.6648	33.0009	104.8363395	104.789142	0.507431	104.784016	
110	267	800	267.333333333	09/24/2010 8:00	09/24/2010 7:00	1.6651	33.0006	104.8364303	104.789233	0.507522	104.784108	
110	267	900	267.375000000	09/24/2010 9:00	09/24/2010 8:00	1.6571	33.0085	104.8340075	104.786810	0.505084	104.781669	
110	267	1000	267.416666667	09/24/2010 10:00	09/24/2010 9:00	1.6493	33.0163	104.8316453	104.784448	0.502707	104.779292	
110	267	1100	267.458333333	09/24/2010 11:00	09/24/2010 10:00	1.6419	33.0236	104.8294042	104.782207	0.500451	104.777036	
110	267	1200	267.500000000	09/24/2010 12:00	09/24/2010 11:00	1.6384	33.0271	104.8283443	104.781147	0.499384	104.775969	
110	267	1300	267.541666667	09/24/2010 13:00	09/24/2010 12:00	1.6293	33.0361	104.8255883	104.778391	0.496611	104.773196	
110	267	1400	267.583333333	09/24/2010 14:00	09/24/2010 13:00	1.6273	33.0381	104.8249826	104.777786	0.496001	104.772586	
110	267	1500	267.625000000	09/24/2010 15:00	09/24/2010 14:00	1.6176	33.0478	104.822045	104.774848	0.493044	104.769630	
110	267	1600	267.666666667	09/24/2010 16:00	09/24/2010 15:00	1.6324	33.0330	104.8265272	104.779330	0.497556	104.774141	
110	267	1700	267.708333333	09/24/2010 17:00	09/24/2010 16:00	1.6507	33.0149	104.8320693	104.784872	0.503133	104.779718	
110	267	1800	267.750000000	09/24/2010 18:00	09/24/2010 17:00	1.6855	32.9803	104.8426085	104.795411	0.513740	104.790325	
110	267	1900	267.791666667	09/24/2010 19:00	09/24/2010 18:00	1.7036	32.9623	104.84809	104.800893	0.519257	104.795842	
110	267	2000	267.833333333	09/24/2010 20:00	09/24/2010 19:00	1.6979	32.9680	104.8463638	104.799167	0.517520	104.794105	
110	267	2100	267.875000000	09/24/2010 21:00	09/24/2010 20:00							
110	267	2200	267.916666667	09/24/2010 22:00	09/24/2010 21:00	1.7577	32.9085	104.8644742	104.817277	0.535747	104.812332	
110	267	2300	267.958333333	09/24/2010 23:00	09/24/2010 22:00	1.7712	32.8951	104.8685626	104.821366	0.539862	104.816447	
110	268	0	268.000000000	09/25/2010 0:00	09/24/2010 23:00	1.7813	32.8851	104.8716214	104.824424	0.542940	104.819525	
110	268	100	268.041666667	09/25/2010 1:00	09/25/2010 0:00							
110	268	200	268.083333333	09/25/2010 2:00	09/25/2010 1:00							
110	268	300	268.125000000	09/25/2010 3:00	09/25/2010 2:00							
110	268	400	268.166666667	09/25/2010 4:00	09/25/2010 3:00							
110	268	500	268.208333333	09/25/2010 5:00	09/25/2010 4:00							
110	268	600	268.250000000	09/25/2010 6:00	09/25/2010 5:00	1.8325	32.8342	104.8871273	104.839930	0.558546	104.835131	
110	268	700	268.291666667	09/25/2010 7:00	09/25/2010 6:00	1.8412	32.8256	104.8897621	104.842565	0.561198	104.837783	
110	268	800	268.333333333	09/25/2010 8:00	09/25/2010 7:00	1.8431	32.8237	104.8903375	104.843140	0.561777	104.838362	
110	268	900	268.375000000	09/25/2010 9:00	09/25/2010 8:00	1.8504	32.8164	104.8925483	104.845351	0.564002	104.840587	
110	268	1000	268.416666667	09/25/2010 10:00	09/25/2010 9:00	1.8399	32.8269	104.8893684	104.842171	0.560802	104.837387	
110	268	1100	268.458333333	09/25/2010 11:00	09/25/2010 10:00	1.8266	32.8401	104.8853405	104.838143	0.556748	104.833333	
110	268	1200	268.500000000	09/25/2010 12:00	09/25/2010 11:00	1.8193	32.8473	104.8831297	104.835933	0.554523	104.831108	
110	268	1300	268.541666667	09/25/2010 13:00	09/25/2010 12:00	1.8045	32.8620	104.8786475	104.831450	0.550012	104.826597	
110	268	1400	268.583333333	09/25/2010 14:00	09/25/2010 13:00	1.7873	32.8791	104.8734385	104.826241	0.544769	104.821354	
110	268	1500	268.625000000	09/25/2010 15:00	09/25/2010 14:00	1.7599	32.9064	104.8651404	104.817943	0.536418	104.813003	
110	268	1600	268.666666667	09/25/2010 16:00	09/25/2010 15:00	1.7406	32.9255	104.8592955	104.812098	0.530535	104.807120	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	268	1700	268.708333333	09/25/2010 17:00	09/25/2010 16:00	1.7223	32.9437	104.8537533	104.806556	0.524957	104.801542	
110	268	1800	268.750000000	09/25/2010 18:00	09/25/2010 17:00	1.6942	32.9716	104.8452433	104.798046	0.516392	104.792977	
110	268	1900	268.791666667	09/25/2010 19:00	09/25/2010 18:00	1.6871	32.9787	104.843093	104.795896	0.514228	104.790813	
110	268	2000	268.833333333	09/25/2010 20:00	09/25/2010 19:00	1.6909	32.9749	104.8442438	104.797047	0.515386	104.791971	
110	268	2100	268.875000000	09/25/2010 21:00	09/25/2010 20:00	1.6735	32.9922	104.8389743	104.791777	0.510083	104.786668	
110	268	2200	268.916666667	09/25/2010 22:00	09/25/2010 21:00	1.6807	32.9851	104.8411548	104.793958	0.512277	104.788862	
110	268	2300	268.958333333	09/25/2010 23:00	09/25/2010 22:00	1.6972	32.9687	104.8461518	104.798955	0.517307	104.793892	
110	269	0	269.000000000	09/26/2010 0:00	09/25/2010 23:00	1.7112	32.9548	104.8503917	104.803195	0.521574	104.798159	
110	269	100	269.041666667	09/26/2010 1:00	09/26/2010 0:00	1.7234	32.9426	104.8540864	104.806889	0.525292	104.801877	
110	269	200	269.083333333	09/26/2010 2:00	09/26/2010 1:00	1.7394	32.9267	104.858932	104.811735	0.530169	104.806754	
110	269	300	269.125000000	09/26/2010 3:00	09/26/2010 2:00	1.7469	32.9193	104.8612034	104.814006	0.532455	104.809040	
110	269	400	269.166666667	09/26/2010 4:00	09/26/2010 3:00	1.7595	32.9068	104.8650193	104.817822	0.536296	104.812881	
110	269	500	269.208333333	09/26/2010 5:00	09/26/2010 4:00	1.7581	32.9082	104.8645953	104.817398	0.535869	104.812454	
110	269	600	269.250000000	09/26/2010 6:00	09/26/2010 5:00	1.7646	32.9017	104.8665638	104.819367	0.537850	104.814435	
110	269	700	269.291666667	09/26/2010 7:00	09/26/2010 6:00	1.8028	32.8637	104.8781327	104.830936	0.549493	104.826078	
110	269	800	269.333333333	09/26/2010 8:00	09/26/2010 7:00	1.7802	32.8862	104.8712883	104.824091	0.542605	104.819190	
110	269	900	269.375000000	09/26/2010 9:00	09/26/2010 8:00	1.7719	32.8944	104.8687746	104.821578	0.540075	104.816660	
110	269	1000	269.416666667	09/26/2010 10:00	09/26/2010 9:00	1.7663	32.9000	104.8670787	104.819882	0.538368	104.814953	
110	269	1100	269.458333333	09/26/2010 11:00	09/26/2010 10:00	1.7596	32.9067	104.8650496	104.817852	0.536326	104.812911	
110	269	1200	269.500000000	09/26/2010 12:00	09/26/2010 11:00	1.7663	32.9000	104.8670787	104.819882	0.538368	104.814953	
110	269	1300	269.541666667	09/26/2010 13:00	09/26/2010 12:00	1.7448	32.9214	104.8605674	104.813370	0.531815	104.808400	
110	269	1400	269.583333333	09/26/2010 14:00	09/26/2010 13:00	1.7235	32.9425	104.8541167	104.806920	0.525323	104.801908	
110	269	1500	269.625000000	09/26/2010 15:00	09/26/2010 14:00	1.7085	32.9574	104.849574	104.802377	0.520751	104.797336	
110	269	1600	269.666666667	09/26/2010 16:00	09/26/2010 15:00	1.6901	32.9757	104.8440016	104.796804	0.515142	104.791728	
110	269	1700	269.708333333	09/26/2010 17:00	09/26/2010 16:00	1.6676	32.9981	104.8371875	104.789990	0.508284	104.784870	
110	269	1800	269.750000000	09/26/2010 18:00	09/26/2010 17:00	1.6464	33.0191	104.8307671	104.783570	0.501823	104.778408	
110	269	1900	269.791666667	09/26/2010 19:00	09/26/2010 18:00	1.6222	33.0432	104.8234381	104.776241	0.494447	104.771032	
110	269	2000	269.833333333	09/26/2010 20:00	09/26/2010 19:00	1.6213	33.0441	104.8231655	104.775968	0.494172	104.770757	
110	269	2100	269.875000000	09/26/2010 21:00	09/26/2010 20:00	1.6021	33.0632	104.8173508	104.770154	0.488320	104.764905	
110	269	2200	269.916666667	09/26/2010 22:00	09/26/2010 21:00	1.5867	33.0785	104.812687	104.765490	0.483626	104.760211	
110	269	2300	269.958333333	09/26/2010 23:00	09/26/2010 22:00	1.5689	33.0961	104.8072962	104.760099	0.478201	104.754786	
110	270	0	270.000000000	09/27/2010 0:00	09/26/2010 23:00	1.5556	33.1094	104.8032683	104.756071	0.474147	104.750732	
110	270	100	270.041666667	09/27/2010 1:00	09/27/2010 0:00							
110	270	200	270.083333333	09/27/2010 2:00	09/27/2010 1:00	1.5481	33.1168	104.800997	104.753800	0.471861	104.748446	
110	270	300	270.125000000	09/27/2010 3:00	09/27/2010 2:00							
110	270	400	270.166666667	09/27/2010 4:00	09/27/2010 3:00							
110	270	500	270.208333333	09/27/2010 5:00	09/27/2010 4:00	1.5194	33.1453	104.7923052	104.745108	0.463113	104.739698	
110	270	600	270.250000000	09/27/2010 6:00	09/27/2010 5:00	1.5085	33.1562	104.7890041	104.741807	0.459791	104.736376	
110	270	700	270.291666667	09/27/2010 7:00	09/27/2010 6:00	1.529	33.1358	104.7952125	104.748015	0.466039	104.742624	
110	270	800	270.333333333	09/27/2010 8:00	09/27/2010 7:00	1.5194	33.1453	104.7923052	104.745108	0.463113	104.739698	
110	270	900	270.375000000	09/27/2010 9:00	09/27/2010 8:00	1.5128	33.1519	104.7903064	104.743109	0.461101	104.737686	
110	270	1000	270.416666667	09/27/2010 10:00	09/27/2010 9:00	1.5064	33.1582	104.7883682	104.741171	0.459151	104.735736	
110	270	1100	270.458333333	09/27/2010 11:00	09/27/2010 10:00	1.4952	33.1694	104.7849762	104.737779	0.455737	104.732322	
110	270	1200	270.500000000	09/27/2010 12:00	09/27/2010 11:00	1.493	33.1716	104.78431	104.737113	0.455066	104.731651	
110	270	1300	270.541666667	09/27/2010 13:00	09/27/2010 12:00	1.4805	33.1840	104.7805244	104.733327	0.451256	104.727841	
110	270	1400	270.583333333	09/27/2010 14:00	09/27/2010 13:00	1.4706	33.1938	104.7775262	104.730329	0.448239	104.724824	
110	270	1500	270.625000000	09/27/2010 15:00	09/27/2010 14:00	1.4775	33.1870	104.7796158	104.732419	0.450342	104.726927	
110	270	1600	270.666666667	09/27/2010 16:00	09/27/2010 15:00	1.4969	33.1677	104.7854911	104.738294	0.456255	104.732840	
110	270	1700	270.708333333	09/27/2010 17:00	09/27/2010 16:00	1.5378	33.1270	104.7978776	104.750681	0.468721	104.745306	
110	270	1800	270.750000000	09/27/2010 18:00	09/27/2010 17:00	1.5806	33.0845	104.8108396	104.763642	0.481767	104.758352	
110	270	1900	270.791666667	09/27/2010 19:00	09/27/2010 18:00	1.6119	33.0534	104.8203188	104.773122	0.491307	104.767892	
110	270	2000	270.833333333	09/27/2010 20:00	09/27/2010 19:00							
110	270	2100	270.875000000	09/27/2010 21:00	09/27/2010 20:00							
110	270	2200	270.916666667	09/27/2010 22:00	09/27/2010 21:00							
110	270	2300	270.958333333	09/27/2010 23:00	09/27/2010 22:00							
110	271	0	271.000000000	09/28/2010 0:00	09/27/2010 23:00							
110	271	100	271.041666667	09/28/2010 1:00	09/28/2010 0:00							
110	271	200	271.083333333	09/28/2010 2:00	09/28/2010 1:00							
110	271	300	271.125000000	09/28/2010 3:00	09/28/2010 2:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	271	400	271.166666667	09/28/2010 4:00	09/28/2010 3:00							
110	271	500	271.208333333	09/28/2010 5:00	09/28/2010 4:00							
110	271	600	271.250000000	09/28/2010 6:00	09/28/2010 5:00							
110	271	700	271.291666667	09/28/2010 7:00	09/28/2010 6:00	1.792	32.8745	104.8748619	104.827665	0.546202	104.822787	
110	271	800	271.333333333	09/28/2010 8:00	09/28/2010 7:00	1.7654	32.9009	104.8668061	104.819609	0.538094	104.814679	
110	271	900	271.375000000	09/28/2010 9:00	09/28/2010 8:00	1.7441	32.9221	104.8603554	104.813158	0.531602	104.808187	
110	271	1000	271.416666667	09/28/2010 10:00	09/28/2010 9:00	1.7262	32.9398	104.8549344	104.807737	0.526146	104.802731	
110	271	1100	271.458333333	09/28/2010 11:00	09/28/2010 10:00	1.7017	32.9642	104.8475146	104.800318	0.518678	104.795263	
110	271	1200	271.500000000	09/28/2010 12:00	09/28/2010 11:00	1.6838	32.9820	104.8420936	104.794897	0.513222	104.789807	
110	271	1300	271.541666667	09/28/2010 13:00	09/28/2010 12:00	1.6594	33.0062	104.8347041	104.787507	0.505785	104.782370	
110	271	1400	271.583333333	09/28/2010 14:00	09/28/2010 13:00	1.642	33.0235	104.8294345	104.782237	0.500482	104.777067	
110	271	1500	271.625000000	09/28/2010 15:00	09/28/2010 14:00	1.6333	33.0322	104.8267997	104.779603	0.497830	104.774415	
110	271	1600	271.666666667	09/28/2010 16:00	09/28/2010 15:00	1.641	33.0245	104.8291317	104.781935	0.500177	104.776762	
110	271	1700	271.708333333	09/28/2010 17:00	09/28/2010 16:00	1.668	32.9977	104.8373086	104.790111	0.508406	104.784991	
110	271	1800	271.750000000	09/28/2010 18:00	09/28/2010 17:00	1.6864	32.9794	104.842881	104.795684	0.514015	104.790600	
110	271	1900	271.791666667	09/28/2010 19:00	09/28/2010 18:00	1.7214	32.9446	104.8534808	104.806284	0.524683	104.801268	
110	271	2000	271.833333333	09/28/2010 20:00	09/28/2010 19:00	1.7415	32.9246	104.859568	104.812371	0.530809	104.807394	
110	271	2100	271.875000000	09/28/2010 21:00	09/28/2010 20:00	1.7405	32.9256	104.8592652	104.812068	0.530504	104.807089	
110	271	2200	271.916666667	09/28/2010 22:00	09/28/2010 21:00	1.736	32.9301	104.8579024	104.810705	0.529133	104.805718	
110	271	2300	271.958333333	09/28/2010 23:00	09/28/2010 22:00	1.7221	32.9439	104.8536927	104.806496	0.524896	104.801481	
110	272	0	272.000000000	09/29/2010 0:00	09/28/2010 23:00	1.7186	32.9474	104.8526328	104.805436	0.523829	104.800414	
110	272	100	272.041666667	09/29/2010 1:00	09/29/2010 0:00	1.7181	32.9479	104.8524813	104.805284	0.523677	104.800262	
110	272	200	272.083333333	09/29/2010 2:00	09/29/2010 1:00	1.7293	32.9368	104.8558733	104.808676	0.527091	104.803676	
110	272	300	272.125000000	09/29/2010 3:00	09/29/2010 2:00	1.7521	32.9141	104.8627782	104.815581	0.534040	104.810625	
110	272	400	272.166666667	09/29/2010 4:00	09/29/2010 3:00	1.7719	32.8944	104.8687746	104.821578	0.540075	104.816660	
110	272	500	272.208333333	09/29/2010 5:00	09/29/2010 4:00	1.7965	32.8700	104.8762247	104.829028	0.547573	104.824158	
110	272	600	272.250000000	09/29/2010 6:00	09/29/2010 5:00	1.8182	32.8484	104.8827966	104.835599	0.554187	104.830772	
110	272	700	272.291666667	09/29/2010 7:00	09/29/2010 6:00	1.8518	32.8151	104.8929723	104.845775	0.564429	104.841014	
110	272	800	272.333333333	09/29/2010 8:00	09/29/2010 7:00	1.8625	32.8044	104.8962128	104.849016	0.567690	104.844275	
110	272	900	272.375000000	09/29/2010 9:00	09/29/2010 8:00	1.8607	32.8062	104.8956677	104.848471	0.567141	104.843726	
110	272	1000	272.416666667	09/29/2010 10:00	09/29/2010 9:00	1.8503	32.8165	104.892518	104.845321	0.563971	104.840556	
110	272	1100	272.458333333	09/29/2010 11:00	09/29/2010 10:00	1.836	32.8308	104.8881873	104.840990	0.559613	104.836198	
110	272	1200	272.500000000	09/29/2010 12:00	09/29/2010 11:00	1.8234	32.8433	104.8843714	104.837174	0.555772	104.832357	
110	272	1300	272.541666667	09/29/2010 13:00	09/29/2010 12:00	1.8195	32.8471	104.8831903	104.835993	0.554584	104.831169	
110	272	1400	272.583333333	09/29/2010 14:00	09/29/2010 13:00	1.8156	32.8510	104.8820092	104.834812	0.553395	104.829980	
110	272	1500	272.625000000	09/29/2010 15:00	09/29/2010 14:00	1.8161	32.8505	104.8821606	104.834963	0.553547	104.830132	
110	272	1600	272.666666667	09/29/2010 16:00	09/29/2010 15:00	1.8151	32.8515	104.8818577	104.834661	0.553242	104.829828	
110	272	1700	272.708333333	09/29/2010 17:00	09/29/2010 16:00	1.8134	32.8532	104.8813429	104.834146	0.552724	104.829309	
110	272	1800	272.750000000	09/29/2010 18:00	09/29/2010 17:00	1.7916	32.8749	104.8747408	104.827544	0.546080	104.822665	
110	272	1900	272.791666667	09/29/2010 19:00	09/29/2010 18:00	1.7898	32.8767	104.8741956	104.826999	0.545531	104.822116	
110	272	2000	272.833333333	09/29/2010 20:00	09/29/2010 19:00	1.7896	32.8769	104.8741351	104.826938	0.545470	104.822055	
110	272	2100	272.875000000	09/29/2010 21:00	09/29/2010 20:00	1.8047	32.8619	104.8787081	104.831511	0.550073	104.826658	
110	272	2200	272.916666667	09/29/2010 22:00	09/29/2010 21:00	1.8302	32.8365	104.8864308	104.839234	0.557845	104.834430	
110	272	2300	272.958333333	09/29/2010 23:00	09/29/2010 22:00	1.8537	32.8132	104.8935477	104.846351	0.565008	104.841593	
110	273	0	273.000000000	09/30/2010 0:00	09/29/2010 23:00	1.8941	32.7730	104.9057828	104.858586	0.577322	104.853907	
110	273	100	273.041666667	09/30/2010 1:00	09/30/2010 0:00	1.9296	32.7377	104.916534	104.869337	0.588142	104.864727	
110	273	200	273.083333333	09/30/2010 2:00	09/30/2010 1:00	1.9806	32.6871	104.9319793	104.884782	0.603687	104.880272	
110	273	300	273.125000000	09/30/2010 3:00	09/30/2010 2:00	2.0265	32.6415	104.9458801	104.898683	0.617677	104.894262	
110	273	400	273.166666667	09/30/2010 4:00	09/30/2010 3:00	2.0667	32.6015	104.9580546	104.910858	0.629930	104.906515	
110	273	500	273.208333333	09/30/2010 5:00	09/30/2010 4:00	2.1033	32.5652	104.9691389	104.921942	0.641086	104.917671	
110	273	600	273.250000000	09/30/2010 6:00	09/30/2010 5:00	2.1258	32.5428	104.975953	104.928756	0.647944	104.924529	
110	273	700	273.291666667	09/30/2010 7:00	09/30/2010 6:00	2.1675	32.5014	104.9885818	104.941385	0.660654	104.937239	
110	273	800	273.333333333	09/30/2010 8:00	09/30/2010 7:00	2.1862	32.4828	104.9942451	104.947048	0.666354	104.942939	
110	273	900	273.375000000	09/30/2010 9:00	09/30/2010 8:00	2.1976	32.4715	104.9976976	104.950500	0.669828	104.946414	
110	273	1000	273.416666667	09/30/2010 10:00	09/30/2010 9:00	2.2008	32.4683	104.9986667	104.951470	0.670804	104.947389	
110	273	1100	273.458333333	09/30/2010 11:00	09/30/2010 10:00	2.1952	32.4738	104.9969707	104.949774	0.669097	104.945682	
110	273	1200	273.500000000	09/30/2010 12:00	09/30/2010 11:00	2.1843	32.4847	104.9936697	104.946473	0.665775	104.942360	
110	273	1300	273.541666667	09/30/2010 13:00	09/30/2010 12:00	2.1678	32.5011	104.9886727	104.941476	0.660745	104.937330	
110	273	1400	273.583333333	09/30/2010 14:00	09/30/2010 13:00	2.1504	32.5184	104.9834031	104.936206	0.655442	104.932027	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	273	1500	273.625000000	09/30/2010 15:00	09/30/2010 14:00	2.1411	32.5276	104.9805866	104.933389	0.652607	104.929192	
110	273	1600	273.666666667	09/30/2010 16:00	09/30/2010 15:00	2.1476	32.5211	104.9825551	104.935358	0.654588	104.931174	
110	273	1700	273.708333333	09/30/2010 17:00	09/30/2010 16:00	2.1638	32.5050	104.9874613	104.940264	0.659526	104.936111	
110	273	1800	273.750000000	09/30/2010 18:00	09/30/2010 17:00	2.1695	32.4994	104.9891875	104.941990	0.661264	104.937849	
110	273	1900	273.791666667	09/30/2010 19:00	09/30/2010 18:00	2.1849	32.4841	104.9938514	104.946654	0.665958	104.942543	
110	273	2000	273.833333333	09/30/2010 20:00	09/30/2010 19:00	2.1781	32.4908	104.991792	104.944595	0.663885	104.940470	
110	273	2100	273.875000000	09/30/2010 21:00	09/30/2010 20:00	2.1633	32.5055	104.9873098	104.940113	0.659374	104.935959	
110	273	2200	273.916666667	09/30/2010 22:00	09/30/2010 21:00	2.142	32.5267	104.9808592	104.933662	0.652882	104.929467	
110	273	2300	273.958333333	09/30/2010 23:00	09/30/2010 22:00	2.1117	32.5568	104.9716828	104.924486	0.643646	104.920231	
110	274	0	274.000000000	10/01/2010 0:00	09/30/2010 23:00	2.0808	32.5875	104.9623248	104.915128	0.634228	104.910813	
110	274	100	274.041666667	10/01/2010 1:00	10/01/2010 0:00	2.0637	32.6045	104.9571461	104.909949	0.629016	104.905601	
110	274	200	274.083333333	10/01/2010 2:00	10/01/2010 1:00	2.0599	32.6083	104.9559952	104.908798	0.627858	104.904443	
110	274	300	274.125000000	10/01/2010 3:00	10/01/2010 2:00	2.0701	32.5981	104.9590843	104.911887	0.630966	104.907552	
110	274	400	274.166666667	10/01/2010 4:00	10/01/2010 3:00	2.0881	32.5803	104.9645356	104.917338	0.636453	104.913038	
110	274	500	274.208333333	10/01/2010 5:00	10/01/2010 4:00	2.106	32.5625	104.9699566	104.922759	0.641909	104.918494	
110	274	600	274.250000000	10/01/2010 6:00	10/01/2010 5:00	2.1124	32.5561	104.9718948	104.924698	0.643860	104.920445	
110	274	700	274.291666667	10/01/2010 7:00	10/01/2010 6:00	2.1343	32.5344	104.9785272	104.931330	0.650535	104.927120	
110	274	800	274.333333333	10/01/2010 8:00	10/01/2010 7:00	2.1317	32.5369	104.9777398	104.930543	0.649742	104.926327	
110	274	900	274.375000000	10/01/2010 9:00	10/01/2010 8:00	2.123	32.5456	104.975105	104.927908	0.647090	104.923675	
110	274	1000	274.416666667	10/01/2010 10:00	10/01/2010 9:00	2.1005	32.5679	104.9682909	104.921094	0.640232	104.916817	
110	274	1100	274.458333333	10/01/2010 11:00	10/01/2010 10:00	2.0729	32.5954	104.9599323	104.912735	0.631820	104.908405	
110	274	1200	274.500000000	10/01/2010 12:00	10/01/2010 11:00	2.0536	32.6145	104.9540873	104.906890	0.625937	104.902522	
110	274	1300	274.541666667	10/01/2010 13:00	10/01/2010 12:00	2.0304	32.6376	104.9470612	104.899864	0.618866	104.895451	
110	274	1400	274.583333333	10/01/2010 14:00	10/01/2010 13:00	2.0052	32.6626	104.9394294	104.892232	0.611185	104.887770	
110	274	1500	274.625000000	10/01/2010 15:00	10/01/2010 14:00	1.9876	32.6801	104.9340992	104.886902	0.605820	104.882406	
110	274	1600	274.666666667	10/01/2010 16:00	10/01/2010 15:00	1.9737	32.6939	104.9298896	104.882693	0.601584	104.878169	
110	274	1700	274.708333333	10/01/2010 17:00	10/01/2010 16:00	1.967	32.7006	104.9278605	104.880663	0.599542	104.876127	
110	274	1800	274.750000000	10/01/2010 18:00	10/01/2010 17:00							
110	274	1900	274.791666667	10/01/2010 19:00	10/01/2010 18:00							
110	274	2000	274.833333333	10/01/2010 20:00	10/01/2010 19:00	1.9084	32.7588	104.9101136	104.862916	0.581680	104.858265	
110	274	2100	274.875000000	10/01/2010 21:00	10/01/2010 20:00	1.919	32.7483	104.9133238	104.866127	0.584911	104.861496	
110	274	2200	274.916666667	10/01/2010 22:00	10/01/2010 21:00	1.88	32.7870	104.9015126	104.854316	0.573024	104.849609	
110	274	2300	274.958333333	10/01/2010 23:00	10/01/2010 22:00	1.8577	32.8092	104.8947591	104.847562	0.566227	104.842812	
110	275	0	275.000000000	10/02/2010 0:00	10/01/2010 23:00	1.8588	32.8081	104.8950922	104.847895	0.566562	104.843147	
110	275	100	275.041666667	10/02/2010 1:00	10/02/2010 0:00	1.8322	32.8345	104.8870365	104.839839	0.558455	104.835040	
110	275	200	275.083333333	10/02/2010 2:00	10/02/2010 1:00	1.8361	32.8307	104.8882176	104.841020	0.559643	104.836228	
110	275	300	275.125000000	10/02/2010 3:00	10/02/2010 2:00	1.8363	32.8305	104.8882781	104.841081	0.559704	104.836289	
110	275	400	275.166666667	10/02/2010 4:00	10/02/2010 3:00	1.8434	32.8234	104.8904284	104.843231	0.561868	104.838453	
110	275	500	275.208333333	10/02/2010 5:00	10/02/2010 4:00							
110	275	600	275.250000000	10/02/2010 6:00	10/02/2010 5:00							
110	275	700	275.291666667	10/02/2010 7:00	10/02/2010 6:00	1.8283	32.8384	104.8858553	104.838658	0.557266	104.833851	
110	275	800	275.333333333	10/02/2010 8:00	10/02/2010 7:00	1.8294	32.8373	104.8861885	104.838991	0.557601	104.834186	
110	275	900	275.375000000	10/02/2010 9:00	10/02/2010 8:00	1.8296	32.8371	104.886249	104.839052	0.557662	104.834247	
110	275	1000	275.416666667	10/02/2010 10:00	10/02/2010 9:00	1.8327	32.8340	104.8871879	104.839991	0.558607	104.835192	
110	275	1100	275.458333333	10/02/2010 11:00	10/02/2010 10:00	1.8338	32.8329	104.887521	104.840324	0.558942	104.835527	
110	275	1200	275.500000000	10/02/2010 12:00	10/02/2010 11:00	1.834	32.8327	104.8875816	104.840384	0.559003	104.835588	
110	275	1300	275.541666667	10/02/2010 13:00	10/02/2010 12:00	1.8292	32.8375	104.8861279	104.838931	0.557540	104.834125	
110	275	1400	275.583333333	10/02/2010 14:00	10/02/2010 13:00	1.8373	32.8295	104.888581	104.841384	0.560009	104.836594	
110	275	1500	275.625000000	10/02/2010 15:00	10/02/2010 14:00	1.8548	32.8121	104.8938808	104.846684	0.565343	104.841928	
110	275	1600	275.666666667	10/02/2010 16:00	10/02/2010 15:00	1.8807	32.7863	104.9017246	104.854528	0.573237	104.849822	
110	275	1700	275.708333333	10/02/2010 17:00	10/02/2010 16:00	1.9022	32.7650	104.9082359	104.861039	0.579791	104.856376	
110	275	1800	275.750000000	10/02/2010 18:00	10/02/2010 17:00							
110	275	1900	275.791666667	10/02/2010 19:00	10/02/2010 18:00							
110	275	2000	275.833333333	10/02/2010 20:00	10/02/2010 19:00							
110	275	2100	275.875000000	10/02/2010 21:00	10/02/2010 20:00	1.9161	32.7512	104.9124455	104.865248	0.584027	104.860612	
110	275	2200	275.916666667	10/02/2010 22:00	10/02/2010 21:00	1.9105	32.7567	104.9107495	104.863552	0.582320	104.858905	
110	275	2300	275.958333333	10/02/2010 23:00	10/02/2010 22:00	1.9059	32.7613	104.9093564	104.862159	0.580918	104.857503	
110	276	0	276.000000000	10/03/2010 0:00	10/02/2010 23:00	1.9444	32.7230	104.9210161	104.873819	0.592653	104.869238	
110	276	100	276.041666667	10/03/2010 1:00	10/03/2010 0:00	1.9626	32.7050	104.926528	104.879331	0.598200	104.874786	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	276	200	276.083333333	10/03/2010 2:00	10/03/2010 1:00							
110	276	300	276.125000000	10/03/2010 3:00	10/03/2010 2:00							
110	276	400	276.166666667	10/03/2010 4:00	10/03/2010 3:00							
110	276	500	276.208333333	10/03/2010 5:00	10/03/2010 4:00							
110	276	600	276.250000000	10/03/2010 6:00	10/03/2010 5:00							
110	276	700	276.291666667	10/03/2010 7:00	10/03/2010 6:00	2.1076	32.5609	104.9704411	104.923244	0.642396	104.918982	
110	276	800	276.333333333	10/03/2010 8:00	10/03/2010 7:00	2.1037	32.5648	104.96926	104.922063	0.641208	104.917793	
110	276	900	276.375000000	10/03/2010 9:00	10/03/2010 8:00	2.0966	32.5718	104.9671098	104.919913	0.639044	104.915629	
110	276	1000	276.416666667	10/03/2010 10:00	10/03/2010 9:00	2.0828	32.5855	104.9629305	104.915733	0.634837	104.911422	
110	276	1100	276.458333333	10/03/2010 11:00	10/03/2010 10:00	2.0555	32.6127	104.9546627	104.907466	0.626516	104.903101	
110	276	1200	276.500000000	10/03/2010 12:00	10/03/2010 11:00	2.0378	32.6302	104.9493023	104.902105	0.621121	104.897706	
110	276	1300	276.541666667	10/03/2010 13:00	10/03/2010 12:00	2.0094	32.6585	104.9407013	104.893504	0.612465	104.889050	
110	276	1400	276.583333333	10/03/2010 14:00	10/03/2010 13:00	1.9763	32.6913	104.930677	104.883480	0.602376	104.878961	
110	276	1500	276.625000000	10/03/2010 15:00	10/03/2010 14:00	1.9494	32.7181	104.9225304	104.875333	0.594177	104.870762	
110	276	1600	276.666666667	10/03/2010 16:00	10/03/2010 15:00	1.9188	32.7485	104.9132632	104.866066	0.584850	104.861435	
110	276	1700	276.708333333	10/03/2010 17:00	10/03/2010 16:00	1.8965	32.7706	104.9065097	104.859313	0.578053	104.854638	
110	276	1800	276.750000000	10/03/2010 18:00	10/03/2010 17:00							
110	276	1900	276.791666667	10/03/2010 19:00	10/03/2010 18:00	1.8515	32.8153	104.8928814	104.845684	0.564337	104.840922	
110	276	2000	276.833333333	10/03/2010 20:00	10/03/2010 19:00	1.819	32.8476	104.8830388	104.835842	0.554431	104.831016	
110	276	2100	276.875000000	10/03/2010 21:00	10/03/2010 20:00	1.7904	32.8761	104.8743774	104.827180	0.545714	104.822299	
110	276	2200	276.916666667	10/03/2010 22:00	10/03/2010 21:00	1.7694	32.8969	104.8680175	104.820820	0.539313	104.815898	
110	276	2300	276.958333333	10/03/2010 23:00	10/03/2010 22:00							
110	277	0	277.000000000	10/04/2010 0:00	10/03/2010 23:00							
110	277	100	277.041666667	10/04/2010 1:00	10/04/2010 0:00							
110	277	200	277.083333333	10/04/2010 2:00	10/04/2010 1:00							
110	277	300	277.125000000	10/04/2010 3:00	10/04/2010 2:00							
110	277	400	277.166666667	10/04/2010 4:00	10/04/2010 3:00							
110	277	500	277.208333333	10/04/2010 5:00	10/04/2010 4:00							
110	277	600	277.250000000	10/04/2010 6:00	10/04/2010 5:00							
110	277	700	277.291666667	10/04/2010 7:00	10/04/2010 6:00	1.6621	33.0035	104.8355218	104.788325	0.506608	104.783193	
110	277	800	277.333333333	10/04/2010 8:00	10/04/2010 7:00	1.6593	33.0063	104.8346738	104.787477	0.505755	104.782340	
110	277	900	277.375000000	10/04/2010 9:00	10/04/2010 8:00	1.6556	33.0100	104.8335533	104.786356	0.504627	104.781212	
110	277	1000	277.416666667	10/04/2010 10:00	10/04/2010 9:00	1.652	33.0136	104.832463	104.785266	0.503530	104.780115	
110	277	1100	277.458333333	10/04/2010 11:00	10/04/2010 10:00	1.6447	33.0208	104.8302522	104.783055	0.501305	104.777890	
110	277	1200	277.500000000	10/04/2010 12:00	10/04/2010 11:00	1.6454	33.0201	104.8304642	104.783267	0.501518	104.778103	
110	277	1300	277.541666667	10/04/2010 13:00	10/04/2010 12:00	1.6483	33.0172	104.8313425	104.784145	0.502402	104.778987	
110	277	1400	277.583333333	10/04/2010 14:00	10/04/2010 13:00	1.656	33.0096	104.8336744	104.786477	0.504749	104.781334	
110	277	1500	277.625000000	10/04/2010 15:00	10/04/2010 14:00	1.6705	32.9952	104.8380657	104.790869	0.509168	104.785753	
110	277	1600	277.666666667	10/04/2010 16:00	10/04/2010 15:00	1.6977	32.9682	104.8463032	104.799106	0.517459	104.794044	
110	277	1700	277.708333333	10/04/2010 17:00	10/04/2010 16:00	1.7201	32.9459	104.853087	104.805890	0.524286	104.800872	
110	277	1800	277.750000000	10/04/2010 18:00	10/04/2010 17:00	1.752	32.9142	104.8627479	104.815551	0.534010	104.810595	
110	277	1900	277.791666667	10/04/2010 19:00	10/04/2010 18:00	1.7829	32.8835	104.872106	104.824909	0.543428	104.820013	
110	277	2000	277.833333333	10/04/2010 20:00	10/04/2010 19:00	1.8172	32.8494	104.8824937	104.835297	0.553883	104.830468	
110	277	2100	277.875000000	10/04/2010 21:00	10/04/2010 20:00							
110	277	2200	277.916666667	10/04/2010 22:00	10/04/2010 21:00							
110	277	2300	277.958333333	10/04/2010 23:00	10/04/2010 22:00							
110	278	0	278.000000000	10/05/2010 0:00	10/04/2010 23:00							
110	278	100	278.041666667	10/05/2010 1:00	10/05/2010 0:00							
110	278	200	278.083333333	10/05/2010 2:00	10/05/2010 1:00							
110	278	300	278.125000000	10/05/2010 3:00	10/05/2010 2:00							
110	278	400	278.166666667	10/05/2010 4:00	10/05/2010 3:00							
110	278	500	278.208333333	10/05/2010 5:00	10/05/2010 4:00							
110	278	600	278.250000000	10/05/2010 6:00	10/05/2010 5:00							
110	278	700	278.291666667	10/05/2010 7:00	10/05/2010 6:00	2.0561	32.6121	104.9548444	104.907647	0.626699	104.903284	
110	278	800	278.333333333	10/05/2010 8:00	10/05/2010 7:00	2.0294	32.6386	104.9467583	104.899561	0.618561	104.895146	
110	278	900	278.375000000	10/05/2010 9:00	10/05/2010 8:00	2.0006	32.6672	104.9380363	104.890839	0.609783	104.886368	
110	278	1000	278.416666667	10/05/2010 10:00	10/05/2010 9:00	1.969	32.6986	104.9284662	104.881269	0.600151	104.876736	
110	278	1100	278.458333333	10/05/2010 11:00	10/05/2010 10:00	1.9392	32.7282	104.9194413	104.872244	0.591068	104.867653	
110	278	1200	278.500000000	10/05/2010 12:00	10/05/2010 11:00	1.9169	32.7504	104.9126878	104.865491	0.584271	104.860856	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	278	1300	278.541666667	10/05/2010 13:00	10/05/2010 12:00	1.9037	32.7635	104.9086902	104.861493	0.580248	104.856833	
110	278	1400	278.583333333	10/05/2010 14:00	10/05/2010 13:00	1.8936	32.7735	104.9056314	104.858434	0.577169	104.853754	
110	278	1500	278.625000000	10/05/2010 15:00	10/05/2010 14:00	1.8865	32.7806	104.9034812	104.856284	0.575005	104.851590	
110	278	1600	278.666666667	10/05/2010 16:00	10/05/2010 15:00	1.8916	32.7755	104.9050257	104.857829	0.576560	104.853145	
110	278	1700	278.708333333	10/05/2010 17:00	10/05/2010 16:00	1.8894	32.7777	104.9043594	104.857162	0.575889	104.852474	
110	278	1800	278.750000000	10/05/2010 18:00	10/05/2010 17:00	1.8937	32.7734	104.9056617	104.858465	0.577200	104.853785	
110	278	1900	278.791666667	10/05/2010 19:00	10/05/2010 18:00	1.887	32.7801	104.9036326	104.856435	0.575158	104.851743	
110	278	2000	278.833333333	10/05/2010 20:00	10/05/2010 19:00	1.8432	32.8236	104.8903678	104.843171	0.561807	104.838392	
110	278	2100	278.875000000	10/05/2010 21:00	10/05/2010 20:00	1.8362	32.8306	104.8882478	104.841051	0.559674	104.836259	
110	278	2200	278.916666667	10/05/2010 22:00	10/05/2010 21:00							
110	278	2300	278.958333333	10/05/2010 23:00	10/05/2010 22:00							
110	279	0	279.000000000	10/06/2010 0:00	10/05/2010 23:00							
110	279	100	279.041666667	10/06/2010 1:00	10/06/2010 0:00							
110	279	200	279.083333333	10/06/2010 2:00	10/06/2010 1:00							
110	279	300	279.125000000	10/06/2010 3:00	10/06/2010 2:00							
110	279	400	279.166666667	10/06/2010 4:00	10/06/2010 3:00							
110	279	500	279.208333333	10/06/2010 5:00	10/06/2010 4:00							
110	279	600	279.250000000	10/06/2010 6:00	10/06/2010 5:00							
110	279	700	279.291666667	10/06/2010 7:00	10/06/2010 6:00	2.1065	32.5620	104.970108	104.922911	0.642061	104.918646	
110	279	800	279.333333333	10/06/2010 8:00	10/06/2010 7:00	2.1058	32.5627	104.969896	104.922699	0.641848	104.918433	
110	279	900	279.375000000	10/06/2010 9:00	10/06/2010 8:00	2.0834	32.5849	104.9631122	104.915915	0.635020	104.911605	
110	279	1000	279.416666667	10/06/2010 10:00	10/06/2010 9:00	2.0409	32.6272	104.9502411	104.903044	0.622066	104.898651	
110	279	1100	279.458333333	10/06/2010 11:00	10/06/2010 10:00	2.0036	32.6642	104.9389448	104.891748	0.610697	104.887282	
110	279	1200	279.500000000	10/06/2010 12:00	10/06/2010 11:00	1.9737	32.6939	104.9298896	104.882693	0.601584	104.878169	
110	279	1300	279.541666667	10/06/2010 13:00	10/06/2010 12:00	1.9539	32.7136	104.9238932	104.876696	0.595549	104.872134	
110	279	1400	279.583333333	10/06/2010 14:00	10/06/2010 13:00	1.9487	32.7188	104.9223184	104.875121	0.593964	104.870549	
110	279	1500	279.625000000	10/06/2010 15:00	10/06/2010 14:00	1.9443	32.7231	104.9209859	104.873789	0.592623	104.869208	
110	279	1600	279.666666667	10/06/2010 16:00	10/06/2010 15:00	1.9405	32.7269	104.919835	104.872638	0.591464	104.868049	
110	279	1700	279.708333333	10/06/2010 17:00	10/06/2010 16:00	1.9346	32.7328	104.9180482	104.870851	0.589666	104.866251	
110	279	1800	279.750000000	10/06/2010 18:00	10/06/2010 17:00	1.9272	32.7401	104.9158071	104.868610	0.587411	104.863996	
110	279	1900	279.791666667	10/06/2010 19:00	10/06/2010 18:00							
110	279	2000	279.833333333	10/06/2010 20:00	10/06/2010 19:00							
110	279	2100	279.875000000	10/06/2010 21:00	10/06/2010 20:00							
110	279	2200	279.916666667	10/06/2010 22:00	10/06/2010 21:00	2.0443	32.6238	104.9512708	104.904074	0.623103	104.899688	
110	279	2300	279.958333333	10/06/2010 23:00	10/06/2010 22:00	2.0989	32.5695	104.9678064	104.920609	0.639745	104.916330	
110	280	0	280.000000000	10/07/2010 0:00	10/06/2010 23:00	2.1498	32.5190	104.9832214	104.936024	0.655259	104.931844	
110	280	100	280.041666667	10/07/2010 1:00	10/07/2010 0:00	2.1981	32.4710	104.997849	104.950652	0.669981	104.946566	
110	280	200	280.083333333	10/07/2010 2:00	10/07/2010 1:00	2.2242	32.4450	105.0057534	104.958556	0.677936	104.954521	
110	280	300	280.125000000	10/07/2010 3:00	10/07/2010 2:00	2.2423	32.4271	105.0112349	104.964038	0.683453	104.960038	
110	280	400	280.166666667	10/07/2010 4:00	10/07/2010 3:00							
110	280	500	280.208333333	10/07/2010 5:00	10/07/2010 4:00							
110	280	600	280.250000000	10/07/2010 6:00	10/07/2010 5:00							
110	280	700	280.291666667	10/07/2010 7:00	10/07/2010 6:00	2.1879	32.4811	104.9947599	104.947563	0.666872	104.943457	
110	280	800	280.333333333	10/07/2010 8:00	10/07/2010 7:00	2.1474	32.5213	104.9824945	104.935297	0.654528	104.931113	
110	280	900	280.375000000	10/07/2010 9:00	10/07/2010 8:00	2.1075	32.5610	104.9704109	104.923214	0.642366	104.918951	
110	280	1000	280.416666667	10/07/2010 10:00	10/07/2010 9:00	2.0721	32.5962	104.95969	104.912493	0.631576	104.908161	
110	280	1100	280.458333333	10/07/2010 11:00	10/07/2010 10:00	2.0428	32.6253	104.9508165	104.903619	0.622645	104.899230	
110	280	1200	280.500000000	10/07/2010 12:00	10/07/2010 11:00	2.0125	32.6554	104.9416402	104.894443	0.613410	104.889995	
110	280	1300	280.541666667	10/07/2010 13:00	10/07/2010 12:00	1.9898	32.6779	104.9347655	104.887568	0.606491	104.883076	
110	280	1400	280.583333333	10/07/2010 14:00	10/07/2010 13:00	1.9801	32.6876	104.9318279	104.884631	0.603534	104.880120	
110	280	1500	280.625000000	10/07/2010 15:00	10/07/2010 14:00	1.9766	32.6911	104.9307679	104.883571	0.602468	104.879053	
110	280	1600	280.666666667	10/07/2010 16:00	10/07/2010 15:00	1.9842	32.6835	104.9330695	104.885872	0.604784	104.881369	
110	280	1700	280.708333333	10/07/2010 17:00	10/07/2010 16:00	1.9473	32.7202	104.9218944	104.874697	0.593537	104.870122	
110	280	1800	280.750000000	10/07/2010 18:00	10/07/2010 17:00	1.9714	32.6962	104.9291931	104.881996	0.600883	104.877468	
110	280	1900	280.791666667	10/07/2010 19:00	10/07/2010 18:00	1.9956	32.6722	104.936522	104.889325	0.608259	104.884844	
110	280	2000	280.833333333	10/07/2010 20:00	10/07/2010 19:00	2.0298	32.6382	104.9468795	104.899682	0.618683	104.895268	
110	280	2100	280.875000000	10/07/2010 21:00	10/07/2010 20:00	2.0712	32.5971	104.9594174	104.912220	0.631302	104.907887	
110	280	2200	280.916666667	10/07/2010 22:00	10/07/2010 21:00							
110	280	2300	280.958333333	10/07/2010 23:00	10/07/2010 22:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	281	0	281.000000000	10/08/2010 0:00	10/07/2010 23:00							
110	281	100	281.041666667	10/08/2010 1:00	10/08/2010 0:00							
110	281	200	281.083333333	10/08/2010 2:00	10/08/2010 1:00							
110	281	300	281.125000000	10/08/2010 3:00	10/08/2010 2:00							
110	281	400	281.166666667	10/08/2010 4:00	10/08/2010 3:00							
110	281	500	281.208333333	10/08/2010 5:00	10/08/2010 4:00							
110	281	600	281.250000000	10/08/2010 6:00	10/08/2010 5:00							
110	281	700	281.291666667	10/08/2010 7:00	10/08/2010 6:00	2.1874	32.4816	104.9946085	104.947411	0.666720	104.943305	
110	281	800	281.333333333	10/08/2010 8:00	10/08/2010 7:00	2.1458	32.5229	104.98201	104.934813	0.654040	104.930625	
110	281	900	281.375000000	10/08/2010 9:00	10/08/2010 8:00	2.1182	32.5504	104.9736513	104.926454	0.645627	104.922212	
110	281	1000	281.416666667	10/08/2010 10:00	10/08/2010 9:00	2.106	32.5625	104.9699566	104.922759	0.641909	104.918494	
110	281	1100	281.458333333	10/08/2010 11:00	10/08/2010 10:00	2.0921	32.5763	104.965747	104.918550	0.637672	104.914257	
110	281	1200	281.500000000	10/08/2010 12:00	10/08/2010 11:00	2.0768	32.5915	104.9611134	104.913916	0.633009	104.909594	
110	281	1300	281.541666667	10/08/2010 13:00	10/08/2010 12:00	2.0398	32.6283	104.949908	104.902711	0.621731	104.898316	
110	281	1400	281.583333333	10/08/2010 14:00	10/08/2010 13:00	2.0127	32.6552	104.9417007	104.894504	0.613471	104.890056	
110	281	1500	281.625000000	10/08/2010 15:00	10/08/2010 14:00	1.9983	32.6695	104.9373397	104.890143	0.609082	104.885667	
110	281	1600	281.666666667	10/08/2010 16:00	10/08/2010 15:00	1.9871	32.6806	104.9339478	104.886751	0.605668	104.882253	
110	281	1700	281.708333333	10/08/2010 17:00	10/08/2010 16:00	1.9936	32.6742	104.9359163	104.888719	0.607649	104.884234	
110	281	1800	281.750000000	10/08/2010 18:00	10/08/2010 17:00	1.9742	32.6934	104.930041	104.882844	0.601736	104.878321	
110	281	1900	281.791666667	10/08/2010 19:00	10/08/2010 18:00	1.9845	32.6832	104.9331604	104.885963	0.604876	104.881461	
110	281	2000	281.833333333	10/08/2010 20:00	10/08/2010 19:00	2.0267	32.6413	104.9459406	104.898744	0.617738	104.894323	
110	281	2100	281.875000000	10/08/2010 21:00	10/08/2010 20:00	2.0567	32.6115	104.9550261	104.907829	0.626882	104.903467	
110	281	2200	281.916666667	10/08/2010 22:00	10/08/2010 21:00	2.0928	32.5756	104.965959	104.918762	0.637885	104.914470	
110	281	2300	281.958333333	10/08/2010 23:00	10/08/2010 22:00	2.1384	32.5303	104.9797689	104.932572	0.651784	104.928369	
110	282	0	282.000000000	10/09/2010 0:00	10/08/2010 23:00							
110	282	100	282.041666667	10/09/2010 1:00	10/09/2010 0:00							
110	282	200	282.083333333	10/09/2010 2:00	10/09/2010 1:00							
110	282	300	282.125000000	10/09/2010 3:00	10/09/2010 2:00							
110	282	400	282.166666667	10/09/2010 4:00	10/09/2010 3:00							
110	282	500	282.208333333	10/09/2010 5:00	10/09/2010 4:00							
110	282	600	282.250000000	10/09/2010 6:00	10/09/2010 5:00							
110	282	700	282.291666667	10/09/2010 7:00	10/09/2010 6:00	2.61	32.0617	105.1225926	105.075396	0.795528	105.072113	
110	282	800	282.333333333	10/09/2010 8:00	10/09/2010 7:00	2.6265	32.0453	105.1275896	105.080393	0.800557	105.077142	
110	282	900	282.375000000	10/09/2010 9:00	10/09/2010 8:00	2.6333	32.0386	105.129649	105.082452	0.802630	105.079215	
110	282	1000	282.416666667	10/09/2010 10:00	10/09/2010 9:00	2.6317	32.0401	105.1291645	105.081967	0.802142	105.078727	
110	282	1100	282.458333333	10/09/2010 11:00	10/09/2010 10:00	2.6236	32.0482	105.1267114	105.079514	0.799673	105.076258	
110	282	1200	282.500000000	10/09/2010 12:00	10/09/2010 11:00	2.6058	32.0659	105.1213207	105.074124	0.794248	105.070833	
110	282	1300	282.541666667	10/09/2010 13:00	10/09/2010 12:00	2.5836	32.0879	105.1145974	105.067400	0.787481	105.064066	
110	282	1400	282.583333333	10/09/2010 14:00	10/09/2010 13:00	2.5642	32.1072	105.1087221	105.061525	0.781568	105.058153	
110	282	1500	282.625000000	10/09/2010 15:00	10/09/2010 14:00	2.5587	32.1127	105.1070565	105.059859	0.779892	105.056477	
110	282	1600	282.666666667	10/09/2010 16:00	10/09/2010 15:00	2.5849	32.0866	105.1149911	105.067794	0.787878	105.064463	
110	282	1700	282.708333333	10/09/2010 17:00	10/09/2010 16:00							
110	282	1800	282.750000000	10/09/2010 18:00	10/09/2010 17:00	2.5991	32.0725	105.1192916	105.072094	0.792206	105.068791	
110	282	1900	282.791666667	10/09/2010 19:00	10/09/2010 18:00							
110	282	2000	282.833333333	10/09/2010 20:00	10/09/2010 19:00	2.6086	32.0631	105.1221686	105.074972	0.795101	105.071686	
110	282	2100	282.875000000	10/09/2010 21:00	10/09/2010 20:00	2.6005	32.0711	105.1197156	105.072518	0.792632	105.069217	
110	282	2200	282.916666667	10/09/2010 22:00	10/09/2010 21:00	2.5673	32.1041	105.109661	105.062464	0.782513	105.059098	
110	282	2300	282.958333333	10/09/2010 23:00	10/09/2010 22:00	2.5483	32.1230	105.1039068	105.056710	0.776722	105.053307	
110	283	0	283.000000000	10/10/2010 0:00	10/09/2010 23:00	2.5577	32.1137	105.1067536	105.059556	0.779587	105.056172	
110	283	100	283.041666667	10/10/2010 1:00	10/10/2010 0:00							
110	283	200	283.083333333	10/10/2010 2:00	10/10/2010 1:00							
110	283	300	283.125000000	10/10/2010 3:00	10/10/2010 2:00							
110	283	400	283.166666667	10/10/2010 4:00	10/10/2010 3:00							
110	283	500	283.208333333	10/10/2010 5:00	10/10/2010 4:00							
110	283	600	283.250000000	10/10/2010 6:00	10/10/2010 5:00							
110	283	700	283.291666667	10/10/2010 7:00	10/10/2010 6:00	2.6303	32.0415	105.1287405	105.081543	0.801715	105.078300	
110	283	800	283.333333333	10/10/2010 8:00	10/10/2010 7:00	2.625	32.0468	105.1271354	105.079938	0.800100	105.076685	
110	283	900	283.375000000	10/10/2010 9:00	10/10/2010 8:00	2.6327	32.0391	105.1294673	105.082270	0.802447	105.079032	
110	283	1000	283.416666667	10/10/2010 10:00	10/10/2010 9:00	2.6462	32.0257	105.1335558	105.086359	0.806562	105.083147	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	283	1100	283.458333333	10/10/2010 11:00	10/10/2010 10:00	2.636	32.0359	105.1304667	105.083270	0.803453	105.080038	
110	283	1200	283.500000000	10/10/2010 12:00	10/10/2010 11:00	2.6202	32.0516	105.1256817	105.078485	0.798637	105.075222	
110	283	1300	283.541666667	10/10/2010 13:00	10/10/2010 12:00	2.5989	32.0727	105.119231	105.072034	0.792145	105.068730	
110	283	1400	283.583333333	10/10/2010 14:00	10/10/2010 13:00	2.5747	32.0968	105.111902	105.064705	0.784769	105.061354	
110	283	1500	283.625000000	10/10/2010 15:00	10/10/2010 14:00	2.564	32.1074	105.1086616	105.061464	0.781507	105.058092	
110	283	1600	283.666666667	10/10/2010 16:00	10/10/2010 15:00	2.506	32.1650	105.0910963	105.043899	0.763829	105.040414	
110	283	1700	283.708333333	10/10/2010 17:00	10/10/2010 16:00	2.4134	32.2570	105.0630525	105.015855	0.735604	105.012189	
110	283	1800	283.750000000	10/10/2010 18:00	10/10/2010 17:00	2.3913	32.2790	105.0563595	105.009162	0.728868	105.005453	
110	283	1900	283.791666667	10/10/2010 19:00	10/10/2010 18:00	2.3705	32.2997	105.0500602	105.002863	0.722528	104.999113	
110	283	2000	283.833333333	10/10/2010 20:00	10/10/2010 19:00	2.3407	32.3293	105.0410353	104.993838	0.713445	104.990030	
110	283	2100	283.875000000	10/10/2010 21:00	10/10/2010 20:00	2.3022	32.3675	105.0293756	104.982179	0.701711	104.978296	
110	283	2200	283.916666667	10/10/2010 22:00	10/10/2010 21:00							
110	283	2300	283.958333333	10/10/2010 23:00	10/10/2010 22:00							
110	284	0	284.000000000	10/11/2010 0:00	10/10/2010 23:00							
110	284	100	284.041666667	10/11/2010 1:00	10/11/2010 0:00							
110	284	200	284.083333333	10/11/2010 2:00	10/11/2010 1:00							
110	284	300	284.125000000	10/11/2010 3:00	10/11/2010 2:00							
110	284	400	284.166666667	10/11/2010 4:00	10/11/2010 3:00							
110	284	500	284.208333333	10/11/2010 5:00	10/11/2010 4:00							
110	284	600	284.250000000	10/11/2010 6:00	10/11/2010 5:00							
110	284	700	284.291666667	10/11/2010 7:00	10/11/2010 6:00	2.117	32.5515	104.9732879	104.926091	0.645262	104.921847	
110	284	800	284.333333333	10/11/2010 8:00	10/11/2010 7:00	2.1255	32.5431	104.9758621	104.928665	0.647852	104.924437	
110	284	900	284.375000000	10/11/2010 9:00	10/11/2010 8:00	2.1269	32.5417	104.9762861	104.929089	0.648279	104.924864	
110	284	1000	284.416666667	10/11/2010 10:00	10/11/2010 9:00	2.1322	32.5364	104.9778912	104.930694	0.649895	104.926480	
110	284	1100	284.458333333	10/11/2010 11:00	10/11/2010 10:00	2.1413	32.5274	104.9806472	104.933450	0.652668	104.929253	
110	284	1200	284.500000000	10/11/2010 12:00	10/11/2010 11:00	2.1545	32.5143	104.9846448	104.937448	0.656692	104.933277	
110	284	1300	284.541666667	10/11/2010 13:00	10/11/2010 12:00	2.1791	32.4898	104.9920949	104.944898	0.664190	104.940775	
110	284	1400	284.583333333	10/11/2010 14:00	10/11/2010 13:00	2.2159	32.4533	105.0032397	104.956043	0.675406	104.951991	
110	284	1500	284.625000000	10/11/2010 15:00	10/11/2010 14:00	2.2593	32.4102	105.0163834	104.969186	0.688635	104.965220	
110	284	1600	284.666666667	10/11/2010 16:00	10/11/2010 15:00	2.2874	32.3822	105.0248934	104.977696	0.697200	104.973785	
110	284	1700	284.708333333	10/11/2010 17:00	10/11/2010 16:00	2.3136	32.3562	105.0328281	104.985631	0.705185	104.981770	
110	284	1800	284.750000000	10/11/2010 18:00	10/11/2010 17:00							
110	284	1900	284.791666667	10/11/2010 19:00	10/11/2010 18:00	2.3091	32.3607	105.0314653	104.984268	0.703814	104.980399	
110	284	2000	284.833333333	10/11/2010 20:00	10/11/2010 19:00	2.3308	32.3391	105.0380371	104.990840	0.710428	104.987013	
110	284	2100	284.875000000	10/11/2010 21:00	10/11/2010 20:00	2.3451	32.3249	105.0423678	104.995171	0.714786	104.991372	
110	284	2200	284.916666667	10/11/2010 22:00	10/11/2010 21:00	2.3534	32.3167	105.0448815	104.997684	0.717316	104.993901	
110	284	2300	284.958333333	10/11/2010 23:00	10/11/2010 22:00	2.3587	32.3114	105.0464866	104.999289	0.718932	104.995517	
110	285	0	285.000000000	10/12/2010 0:00	10/11/2010 23:00							
110	285	100	285.041666667	10/12/2010 1:00	10/12/2010 0:00							
110	285	200	285.083333333	10/12/2010 2:00	10/12/2010 1:00							
110	285	300	285.125000000	10/12/2010 3:00	10/12/2010 2:00							
110	285	400	285.166666667	10/12/2010 4:00	10/12/2010 3:00							
110	285	500	285.208333333	10/12/2010 5:00	10/12/2010 4:00							
110	285	600	285.250000000	10/12/2010 6:00	10/12/2010 5:00							
110	285	700	285.291666667	10/12/2010 7:00	10/12/2010 6:00	2.5115	32.1596	105.092762	105.045565	0.765505	105.042090	
110	285	800	285.333333333	10/12/2010 8:00	10/12/2010 7:00	2.4983	32.1727	105.0887644	105.041567	0.761482	105.038067	
110	285	900	285.375000000	10/12/2010 9:00	10/12/2010 8:00	2.4884	32.1825	105.0857661	105.038569	0.758464	105.035049	
110	285	1000	285.416666667	10/12/2010 10:00	10/12/2010 9:00	2.471	32.1998	105.0804966	105.033299	0.753161	105.029746	
110	285	1100	285.458333333	10/12/2010 11:00	10/12/2010 10:00	2.4556	32.2151	105.0758327	105.028636	0.748467	105.025052	
110	285	1200	285.500000000	10/12/2010 12:00	10/12/2010 11:00	2.4417	32.2289	105.0716231	105.024426	0.744230	105.020815	
110	285	1300	285.541666667	10/12/2010 13:00	10/12/2010 12:00	2.4466	32.2241	105.073107	105.025910	0.745724	105.022309	
110	285	1400	285.583333333	10/12/2010 14:00	10/12/2010 13:00	2.4585	32.2122	105.076711	105.029514	0.749351	105.025936	
110	285	1500	285.625000000	10/12/2010 15:00	10/12/2010 14:00	2.4811	32.1898	105.0835553	105.036358	0.756239	105.032824	
110	285	1600	285.666666667	10/12/2010 16:00	10/12/2010 15:00	2.5121	32.1590	105.0929437	105.045747	0.765688	105.042273	
110	285	1700	285.708333333	10/12/2010 17:00	10/12/2010 16:00	2.5388	32.1324	105.1010298	105.053833	0.773826	105.050411	
110	285	1800	285.750000000	10/12/2010 18:00	10/12/2010 17:00	2.5472	32.1241	105.1035737	105.056377	0.776387	105.052972	
110	285	1900	285.791666667	10/12/2010 19:00	10/12/2010 18:00	2.5628	32.1086	105.1082981	105.061101	0.781141	105.057726	
110	285	2000	285.833333333	10/12/2010 20:00	10/12/2010 19:00	2.5962	32.0754	105.1184133	105.071216	0.791322	105.067907	
110	285	2100	285.875000000	10/12/2010 21:00	10/12/2010 20:00							

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	285	2200	285.916666667	10/12/2010 22:00	10/12/2010 21:00							
110	285	2300	285.958333333	10/12/2010 23:00	10/12/2010 22:00	2.7004	31.9719	105.1499702	105.102773	0.823082	105.099667	
110	286	0	286.000000000	10/13/2010 0:00	10/12/2010 23:00							
110	286	100	286.041666667	10/13/2010 1:00	10/13/2010 0:00							
110	286	200	286.083333333	10/13/2010 2:00	10/13/2010 1:00							
110	286	300	286.125000000	10/13/2010 3:00	10/13/2010 2:00							
110	286	400	286.166666667	10/13/2010 4:00	10/13/2010 3:00							
110	286	500	286.208333333	10/13/2010 5:00	10/13/2010 4:00							
110	286	600	286.250000000	10/13/2010 6:00	10/13/2010 5:00							
110	286	700	286.291666667	10/13/2010 7:00	10/13/2010 6:00	2.8847	31.7888	105.2057853	105.158588	0.879257	105.155842	
110	286	800	286.333333333	10/13/2010 8:00	10/13/2010 7:00	2.842	31.8312	105.1928537	105.145657	0.866242	105.142827	
110	286	900	286.375000000	10/13/2010 9:00	10/13/2010 8:00	2.7897	31.8832	105.1770146	105.129818	0.850301	105.126886	
110	286	1000	286.416666667	10/13/2010 10:00	10/13/2010 9:00	2.7336	31.9389	105.1600248	105.112828	0.833201	105.109786	
110	286	1100	286.458333333	10/13/2010 11:00	10/13/2010 10:00	2.6751	31.9970	105.1423081	105.095111	0.815370	105.091956	
110	286	1200	286.500000000	10/13/2010 12:00	10/13/2010 11:00	2.6291	32.0427	105.128377	105.081180	0.801350	105.077935	
110	286	1300	286.541666667	10/13/2010 13:00	10/13/2010 12:00	2.6004	32.0712	105.1196853	105.072488	0.792602	105.069187	
110	286	1400	286.583333333	10/13/2010 14:00	10/13/2010 13:00	2.5916	32.0800	105.1170202	105.069823	0.789920	105.066505	
110	286	1500	286.625000000	10/13/2010 15:00	10/13/2010 14:00	2.6081	32.0636	105.1220172	105.074820	0.794949	105.071534	
110	286	1600	286.666666667	10/13/2010 16:00	10/13/2010 15:00	2.6416	32.0303	105.1321627	105.084966	0.805160	105.081745	
110	286	1700	286.708333333	10/13/2010 17:00	10/13/2010 16:00	2.6855	31.9867	105.1454577	105.098261	0.818540	105.095125	
110	286	1800	286.750000000	10/13/2010 18:00	10/13/2010 17:00							
110	286	1900	286.791666667	10/13/2010 19:00	10/13/2010 18:00							
110	286	2000	286.833333333	10/13/2010 20:00	10/13/2010 19:00							
110	286	2100	286.875000000	10/13/2010 21:00	10/13/2010 20:00	2.8624	31.8109	105.1990318	105.151835	0.872460	105.149045	
110	286	2200	286.916666667	10/13/2010 22:00	10/13/2010 21:00							
110	286	2300	286.958333333	10/13/2010 23:00	10/13/2010 22:00							
110	287	0	287.000000000	10/14/2010 0:00	10/13/2010 23:00							
110	287	100	287.041666667	10/14/2010 1:00	10/14/2010 0:00							
110	287	200	287.083333333	10/14/2010 2:00	10/14/2010 1:00							
110	287	300	287.125000000	10/14/2010 3:00	10/14/2010 2:00							
110	287	400	287.166666667	10/14/2010 4:00	10/14/2010 3:00							
110	287	500	287.208333333	10/14/2010 5:00	10/14/2010 4:00							
110	287	600	287.250000000	10/14/2010 6:00	10/14/2010 5:00							
110	287	700	287.291666667	10/14/2010 7:00	10/14/2010 6:00	3.1014	31.5734	105.2714128	105.224216	0.945307	105.221892	
110	287	800	287.333333333	10/14/2010 8:00	10/14/2010 7:00	3.0389	31.6355	105.2524847	105.205288	0.926257	105.202842	
110	287	900	287.375000000	10/14/2010 9:00	10/14/2010 8:00	2.9679	31.7061	105.2309824	105.183785	0.904616	105.181201	
110	287	1000	287.416666667	10/14/2010 10:00	10/14/2010 9:00	2.8904	31.7831	105.2075116	105.160314	0.880994	105.157579	
110	287	1100	287.458333333	10/14/2010 11:00	10/14/2010 10:00	2.8139	31.8591	105.1843436	105.137146	0.857677	105.134262	
110	287	1200	287.500000000	10/14/2010 12:00	10/14/2010 11:00	2.7484	31.9242	105.164507	105.117310	0.837712	105.114297	
110	287	1300	287.541666667	10/14/2010 13:00	10/14/2010 12:00	2.7004	31.9719	105.1499702	105.102773	0.823082	105.099667	
110	287	1400	287.583333333	10/14/2010 14:00	10/14/2010 13:00	2.67	32.0021	105.1407636	105.093566	0.813816	105.090401	
110	287	1500	287.625000000	10/14/2010 15:00	10/14/2010 14:00	2.6516	32.0204	105.1351912	105.087994	0.808208	105.084793	
110	287	1600	287.666666667	10/14/2010 16:00	10/14/2010 15:00	2.6436	32.0283	105.1327684	105.085571	0.805769	105.082354	
110	287	1700	287.708333333	10/14/2010 17:00	10/14/2010 16:00	2.6683	32.0038	105.1402487	105.093052	0.813298	105.089883	
110	287	1800	287.750000000	10/14/2010 18:00	10/14/2010 17:00							
110	287	1900	287.791666667	10/14/2010 19:00	10/14/2010 18:00	2.6528	32.0192	105.1355546	105.088357	0.808573	105.085158	
110	287	2000	287.833333333	10/14/2010 20:00	10/14/2010 19:00	2.6806	31.9916	105.1439738	105.096777	0.817047	105.093632	
110	287	2100	287.875000000	10/14/2010 21:00	10/14/2010 20:00	2.7225	31.9499	105.1566632	105.109466	0.829818	105.106403	
110	287	2200	287.916666667	10/14/2010 22:00	10/14/2010 21:00	2.7654	31.9073	105.1696554	105.122458	0.842894	105.119479	
110	287	2300	287.958333333	10/14/2010 23:00	10/14/2010 22:00	2.8135	31.8595	105.1842224	105.137025	0.857555	105.134140	
110	288	0	288.000000000	10/15/2010 0:00	10/14/2010 23:00	2.8603	31.8130	105.1983958	105.151199	0.871819	105.148404	
110	288	100	288.041666667	10/15/2010 1:00	10/15/2010 0:00	2.9066	31.7670	105.2124177	105.165221	0.885932	105.162517	
110	288	200	288.083333333	10/15/2010 2:00	10/15/2010 1:00							
110	288	300	288.125000000	10/15/2010 3:00	10/15/2010 2:00							
110	288	400	288.166666667	10/15/2010 4:00	10/15/2010 3:00							
110	288	500	288.208333333	10/15/2010 5:00	10/15/2010 4:00							
110	288	600	288.250000000	10/15/2010 6:00	10/15/2010 5:00							
110	288	700	288.291666667	10/15/2010 7:00	10/15/2010 6:00	2.8926	31.7809	105.2081778	105.160981	0.881664	105.158250	
110	288	800	288.333333333	10/15/2010 8:00	10/15/2010 7:00	2.8439	31.8293	105.1934291	105.146232	0.866821	105.143406	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	288	900	288.375000000	10/15/2010 9:00	10/15/2010 8:00	2.7867	31.8861	105.1761061	105.128909	0.849386	105.125971	
110	288	1000	288.416666667	10/15/2010 10:00	10/15/2010 9:00	2.7326	31.9399	105.1597219	105.112525	0.832896	105.109482	
110	288	1100	288.458333333	10/15/2010 11:00	10/15/2010 10:00	2.68	31.9922	105.1437921	105.096595	0.816864	105.093449	
110	288	1200	288.500000000	10/15/2010 12:00	10/15/2010 11:00	2.6332	32.0387	105.1296187	105.082422	0.802599	105.079184	
110	288	1300	288.541666667	10/15/2010 13:00	10/15/2010 12:00	2.5845	32.0870	105.11487	105.067673	0.787756	105.064341	
110	288	1400	288.583333333	10/15/2010 14:00	10/15/2010 13:00	2.5468	32.1245	105.1034525	105.056255	0.776265	105.052850	
110	288	1500	288.625000000	10/15/2010 15:00	10/15/2010 14:00	2.5039	32.1671	105.0904603	105.043263	0.763189	105.039774	
110	288	1600	288.666666667	10/15/2010 16:00	10/15/2010 15:00	2.4619	32.2089	105.0777406	105.030544	0.750387	105.026972	
110	288	1700	288.708333333	10/15/2010 17:00	10/15/2010 16:00	2.4184	32.2521	105.0645667	105.017370	0.737128	105.013713	
110	288	1800	288.750000000	10/15/2010 18:00	10/15/2010 17:00	2.3459	32.3241	105.0426101	104.995413	0.715030	104.991615	
110	288	1900	288.791666667	10/15/2010 19:00	10/15/2010 18:00							
110	288	2000	288.833333333	10/15/2010 20:00	10/15/2010 19:00	2.2942	32.3755	105.0269528	104.979756	0.699272	104.975857	
110	288	2100	288.875000000	10/15/2010 21:00	10/15/2010 20:00	2.2616	32.4079	105.0170799	104.969883	0.689336	104.965921	
110	288	2200	288.916666667	10/15/2010 22:00	10/15/2010 21:00							
110	288	2300	288.958333333	10/15/2010 23:00	10/15/2010 22:00							
110	289	0	289.000000000	10/16/2010 0:00	10/15/2010 23:00							
110	289	100	289.041666667	10/16/2010 1:00	10/16/2010 0:00							
110	289	200	289.083333333	10/16/2010 2:00	10/16/2010 1:00							
110	289	300	289.125000000	10/16/2010 3:00	10/16/2010 2:00							
110	289	400	289.166666667	10/16/2010 4:00	10/16/2010 3:00							
110	289	500	289.208333333	10/16/2010 5:00	10/16/2010 4:00							
110	289	600	289.250000000	10/16/2010 6:00	10/16/2010 5:00							
110	289	700	289.291666667	10/16/2010 7:00	10/16/2010 6:00	2.4273	32.2432	105.0672621	105.020065	0.739841	105.016426	
110	289	800	289.333333333	10/16/2010 8:00	10/16/2010 7:00	2.4508	32.2199	105.074379	105.027182	0.747004	105.023589	
110	289	900	289.375000000	10/16/2010 9:00	10/16/2010 8:00	2.4826	32.1883	105.0840096	105.036813	0.756696	105.033282	
110	289	1000	289.416666667	10/16/2010 10:00	10/16/2010 9:00	2.5072	32.1638	105.0914597	105.044263	0.764195	105.040780	
110	289	1100	289.458333333	10/16/2010 11:00	10/16/2010 10:00	2.5192	32.1519	105.0950939	105.047897	0.767852	105.044437	
110	289	1200	289.500000000	10/16/2010 12:00	10/16/2010 11:00	2.5082	32.1629	105.0917626	105.044565	0.764499	105.041084	
110	289	1300	289.541666667	10/16/2010 13:00	10/16/2010 12:00	2.4889	32.1820	105.0859176	105.038720	0.758617	105.035202	
110	289	1400	289.583333333	10/16/2010 14:00	10/16/2010 13:00	2.456	32.2147	105.0759538	105.028757	0.748589	105.025174	
110	289	1500	289.625000000	10/16/2010 15:00	10/16/2010 14:00	2.418	32.2525	105.0644456	105.017248	0.737006	105.013591	
110	289	1600	289.666666667	10/16/2010 16:00	10/16/2010 15:00	2.3857	32.2846	105.0546635	105.007466	0.727161	105.003746	
110	289	1700	289.708333333	10/16/2010 17:00	10/16/2010 16:00	2.365	32.3051	105.0483945	105.001197	0.720852	104.997437	
110	289	1800	289.750000000	10/16/2010 18:00	10/16/2010 17:00							
110	289	1900	289.791666667	10/16/2010 19:00	10/16/2010 18:00							
110	289	2000	289.833333333	10/16/2010 20:00	10/16/2010 19:00	2.2166	32.4526	105.0034517	104.956255	0.675620	104.952205	
110	289	2100	289.875000000	10/16/2010 21:00	10/16/2010 20:00	2.1932	32.4758	104.996365	104.949168	0.668487	104.945072	
110	289	2200	289.916666667	10/16/2010 22:00	10/16/2010 21:00	2.1629	32.5059	104.9871887	104.939992	0.659252	104.935837	
110	289	2300	289.958333333	10/16/2010 23:00	10/16/2010 22:00	2.1366	32.5321	104.9792238	104.932027	0.651236	104.927821	
110	290	0	290.000000000	10/17/2010 0:00	10/16/2010 23:00	2.1145	32.5540	104.9725308	104.925334	0.644500	104.921085	
110	290	100	290.041666667	10/17/2010 1:00	10/17/2010 0:00							
110	290	200	290.083333333	10/17/2010 2:00	10/17/2010 1:00							
110	290	300	290.125000000	10/17/2010 3:00	10/17/2010 2:00							
110	290	400	290.166666667	10/17/2010 4:00	10/17/2010 3:00							
110	290	500	290.208333333	10/17/2010 5:00	10/17/2010 4:00							
110	290	600	290.250000000	10/17/2010 6:00	10/17/2010 5:00							
110	290	700	290.291666667	10/17/2010 7:00	10/17/2010 6:00	2.1769	32.4920	104.9914286	104.944231	0.663519	104.940104	
110	290	800	290.333333333	10/17/2010 8:00	10/17/2010 7:00	2.1987	32.4704	104.9980307	104.950834	0.670164	104.946749	
110	290	900	290.375000000	10/17/2010 9:00	10/17/2010 8:00	2.2168	32.4524	105.0035123	104.956315	0.675681	104.952266	
110	290	1000	290.416666667	10/17/2010 10:00	10/17/2010 9:00	2.2292	32.4401	105.0072676	104.960071	0.679460	104.956045	
110	290	1100	290.458333333	10/17/2010 11:00	10/17/2010 10:00	2.229	32.4403	105.007207	104.960010	0.679399	104.955984	
110	290	1200	290.500000000	10/17/2010 12:00	10/17/2010 11:00	2.2145	32.4547	105.0028157	104.955619	0.674980	104.951565	
110	290	1300	290.541666667	10/17/2010 13:00	10/17/2010 12:00	2.1936	32.4754	104.9964862	104.949289	0.668609	104.945194	
110	290	1400	290.583333333	10/17/2010 14:00	10/17/2010 13:00	2.1662	32.5027	104.9881881	104.940991	0.660258	104.936843	
110	290	1500	290.625000000	10/17/2010 15:00	10/17/2010 14:00	2.1337	32.5350	104.9783455	104.931148	0.650352	104.926937	
110	290	1600	290.666666667	10/17/2010 16:00	10/17/2010 15:00	2.1025	32.5660	104.9688966	104.921700	0.640842	104.917427	
110	290	1700	290.708333333	10/17/2010 17:00	10/17/2010 16:00	2.1093	32.5592	104.970956	104.923759	0.642915	104.919500	
110	290	1800	290.750000000	10/17/2010 18:00	10/17/2010 17:00							
110	290	1900	290.791666667	10/17/2010 19:00	10/17/2010 18:00	1.9558	32.7117	104.9244686	104.877272	0.596128	104.872713	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	290	2000	290.833333333	10/17/2010 20:00	10/17/2010 19:00	1.955	32.7125	104.9242263	104.877029	0.595884	104.872469	
110	290	2100	290.875000000	10/17/2010 21:00	10/17/2010 20:00	1.9236	32.7437	104.9147169	104.867520	0.586313	104.862898	
110	290	2200	290.916666667	10/17/2010 22:00	10/17/2010 21:00	1.9032	32.7640	104.9085387	104.861342	0.580095	104.856680	
110	290	2300	290.958333333	10/17/2010 23:00	10/17/2010 22:00	1.8931	32.7740	104.90548	104.858283	0.577017	104.853602	
110	291	0	291.000000000	10/18/2010 0:00	10/17/2010 23:00	1.8867	32.7804	104.9035417	104.856345	0.575066	104.851651	
110	291	100	291.041666667	10/18/2010 1:00	10/18/2010 0:00							
110	291	200	291.083333333	10/18/2010 2:00	10/18/2010 1:00							
110	291	300	291.125000000	10/18/2010 3:00	10/18/2010 2:00							
110	291	400	291.166666667	10/18/2010 4:00	10/18/2010 3:00							
110	291	500	291.208333333	10/18/2010 5:00	10/18/2010 4:00							
110	291	600	291.250000000	10/18/2010 6:00	10/18/2010 5:00							
110	291	700	291.291666667	10/18/2010 7:00	10/18/2010 6:00	2.1789	32.4900	104.9920343	104.944837	0.664129	104.940714	
110	291	800	291.333333333	10/18/2010 8:00	10/18/2010 7:00	2.1986	32.4705	104.9980004	104.950803	0.670133	104.946718	
110	291	900	291.375000000	10/18/2010 9:00	10/18/2010 8:00	2.2168	32.4524	105.0035123	104.956315	0.675681	104.952266	
110	291	1000	291.416666667	10/18/2010 10:00	10/18/2010 9:00	2.2259	32.4433	105.0062682	104.959071	0.678454	104.955039	
110	291	1100	291.458333333	10/18/2010 11:00	10/18/2010 10:00	2.2257	32.4435	105.0062076	104.959011	0.678393	104.954978	
110	291	1200	291.500000000	10/18/2010 12:00	10/18/2010 11:00	2.222	32.4472	105.0050871	104.957890	0.677266	104.953851	
110	291	1300	291.541666667	10/18/2010 13:00	10/18/2010 12:00	2.2127	32.4565	105.0022706	104.955073	0.674431	104.951016	
110	291	1400	291.583333333	10/18/2010 14:00	10/18/2010 13:00	2.1986	32.4705	104.9980004	104.950803	0.670133	104.946718	
110	291	1500	291.625000000	10/18/2010 15:00	10/18/2010 14:00	2.1782	32.4907	104.9918223	104.944625	0.663915	104.940500	
110	291	1600	291.666666667	10/18/2010 16:00	10/18/2010 15:00	2.155	32.5138	104.9847962	104.937599	0.656844	104.933429	
110	291	1700	291.708333333	10/18/2010 17:00	10/18/2010 16:00	2.0929	32.5755	104.9659893	104.918792	0.637916	104.914501	
110	291	1800	291.750000000	10/18/2010 18:00	10/18/2010 17:00	2.0647	32.6035	104.9574489	104.910252	0.629321	104.905906	
110	291	1900	291.791666667	10/18/2010 19:00	10/18/2010 18:00	2.037	32.6310	104.94906	104.901863	0.620878	104.897463	
110	291	2000	291.833333333	10/18/2010 20:00	10/18/2010 19:00	2.0321	32.6359	104.947576	104.900379	0.619384	104.895969	
110	291	2100	291.875000000	10/18/2010 21:00	10/18/2010 20:00	1.9999	32.6679	104.9378243	104.890627	0.609570	104.886155	
110	291	2200	291.916666667	10/18/2010 22:00	10/18/2010 21:00	1.9709	32.6967	104.9290416	104.881845	0.600730	104.877315	
110	291	2300	291.958333333	10/18/2010 23:00	10/18/2010 22:00	1.9815	32.6862	104.9322518	104.885055	0.603961	104.880546	
110	292	0	292.000000000	10/19/2010 0:00	10/18/2010 23:00	1.9657	32.7019	104.9274668	104.880270	0.599145	104.875730	
110	292	100	292.041666667	10/19/2010 1:00	10/19/2010 0:00	2.0089	32.6590	104.9405499	104.893353	0.612313	104.888898	
110	292	200	292.083333333	10/19/2010 2:00	10/19/2010 1:00	2.0744	32.5939	104.9603865	104.913189	0.632277	104.908862	
110	292	300	292.125000000	10/19/2010 3:00	10/19/2010 2:00							
110	292	400	292.166666667	10/19/2010 4:00	10/19/2010 3:00							
110	292	500	292.208333333	10/19/2010 5:00	10/19/2010 4:00							
110	292	600	292.250000000	10/19/2010 6:00	10/19/2010 5:00							
110	292	700	292.291666667	10/19/2010 7:00	10/19/2010 6:00	2.4297	32.2409	105.0679889	105.020792	0.740573	105.017158	
110	292	800	292.333333333	10/19/2010 8:00	10/19/2010 7:00	2.4692	32.2016	105.0799514	105.032754	0.752612	105.029197	
110	292	900	292.375000000	10/19/2010 9:00	10/19/2010 8:00	2.4996	32.1714	105.0891581	105.041961	0.761878	105.038463	
110	292	1000	292.416666667	10/19/2010 10:00	10/19/2010 9:00	2.5129	32.1582	105.093186	105.045989	0.765932	105.042517	
110	292	1100	292.458333333	10/19/2010 11:00	10/19/2010 10:00	2.5117	32.1594	105.0928225	105.045625	0.765566	105.042151	
110	292	1200	292.500000000	10/19/2010 12:00	10/19/2010 11:00	2.4973	32.1737	105.0884615	105.041264	0.761177	105.037762	
110	292	1300	292.541666667	10/19/2010 13:00	10/19/2010 12:00	2.4715	32.1993	105.080648	105.033451	0.753313	105.029898	
110	292	1400	292.583333333	10/19/2010 14:00	10/19/2010 13:00	2.4392	32.2314	105.070866	105.023669	0.743468	105.020053	
110	292	1500	292.625000000	10/19/2010 15:00	10/19/2010 14:00	2.3971	32.2732	105.058116	105.010919	0.730636	105.007221	
110	292	1600	292.666666667	10/19/2010 16:00	10/19/2010 15:00	2.3597	32.3104	105.0467894	104.999592	0.719237	104.995822	
110	292	1700	292.708333333	10/19/2010 17:00	10/19/2010 16:00	2.3163	32.3535	105.0336458	104.986449	0.706008	104.982593	
110	292	1800	292.750000000	10/19/2010 18:00	10/19/2010 17:00	2.2632	32.4063	105.0175645	104.970367	0.689823	104.966408	
110	292	1900	292.791666667	10/19/2010 19:00	10/19/2010 18:00	2.2052	32.4639	104.9999992	104.952802	0.672145	104.948730	
110	292	2000	292.833333333	10/19/2010 20:00	10/19/2010 19:00	2.1633	32.5055	104.9873098	104.940113	0.659374	104.935959	
110	292	2100	292.875000000	10/19/2010 21:00	10/19/2010 20:00	2.1247	32.5439	104.9756199	104.928423	0.647609	104.924194	
110	292	2200	292.916666667	10/19/2010 22:00	10/19/2010 21:00	2.0898	32.5786	104.9650504	104.917853	0.636971	104.913556	
110	292	2300	292.958333333	10/19/2010 23:00	10/19/2010 22:00	2.0523	32.6158	104.9536936	104.906496	0.625541	104.902126	
110	293	0	293.000000000	10/20/2010 0:00	10/19/2010 23:00	2.0399	32.6282	104.9499382	104.902741	0.621762	104.898347	
110	293	100	293.041666667	10/20/2010 1:00	10/20/2010 0:00	2.0402	32.6279	104.9500291	104.902832	0.621853	104.898438	
110	293	200	293.083333333	10/20/2010 2:00	10/20/2010 1:00	2.0714	32.5969	104.959478	104.912281	0.631363	104.907948	
110	293	300	293.125000000	10/20/2010 3:00	10/20/2010 2:00	2.1179	32.5507	104.9735605	104.926363	0.645536	104.922121	
110	293	400	293.166666667	10/20/2010 4:00	10/20/2010 3:00	2.166	32.5029	104.9881275	104.940930	0.660197	104.936782	
110	293	500	293.208333333	10/20/2010 5:00	10/20/2010 4:00	2.2036	32.4655	104.9995147	104.952318	0.671657	104.948242	
110	293	600	293.250000000	10/20/2010 6:00	10/20/2010 5:00	2.2287	32.4406	105.0071162	104.959919	0.679308	104.955893	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	293	700	293.291666667	10/20/2010 7:00	10/20/2010 6:00	2.2636	32.4059	105.0176856	104.970489	0.689945	104.966530	
110	293	800	293.333333333	10/20/2010 8:00	10/20/2010 7:00	2.2771	32.3925	105.0217741	104.974577	0.694060	104.970645	
110	293	900	293.375000000	10/20/2010 9:00	10/20/2010 8:00	2.2898	32.3799	105.0256203	104.978423	0.697931	104.974516	
110	293	1000	293.416666667	10/20/2010 10:00	10/20/2010 9:00	2.2944	32.3753	105.0270134	104.979816	0.699333	104.975918	
110	293	1100	293.458333333	10/20/2010 11:00	10/20/2010 10:00	2.2949	32.3748	105.0271648	104.979968	0.699486	104.976071	
110	293	1200	293.500000000	10/20/2010 12:00	10/20/2010 11:00	2.2894	32.3803	105.0254991	104.978302	0.697809	104.974394	
110	293	1300	293.541666667	10/20/2010 13:00	10/20/2010 12:00	2.275	32.3946	105.0211381	104.973941	0.693420	104.970005	
110	293	1400	293.583333333	10/20/2010 14:00	10/20/2010 13:00	2.2602	32.4093	105.0166559	104.969459	0.688909	104.965494	
110	293	1500	293.625000000	10/20/2010 15:00	10/20/2010 14:00	2.2374	32.4319	105.009751	104.962554	0.681960	104.958545	
110	293	1600	293.666666667	10/20/2010 16:00	10/20/2010 15:00	2.2141	32.4551	105.0026946	104.955497	0.674858	104.951443	
110	293	1700	293.708333333	10/20/2010 17:00	10/20/2010 16:00	2.1783	32.4906	104.9918526	104.944655	0.663946	104.940531	
110	293	1800	293.750000000	10/20/2010 18:00	10/20/2010 17:00	2.1403	32.5284	104.9803443	104.933147	0.652363	104.928948	
110	293	1900	293.791666667	10/20/2010 19:00	10/20/2010 18:00	2.1153	32.5532	104.9727731	104.925576	0.644743	104.921328	
110	293	2000	293.833333333	10/20/2010 20:00	10/20/2010 19:00	2.0959	32.5725	104.9668978	104.919701	0.638830	104.915415	
110	293	2100	293.875000000	10/20/2010 21:00	10/20/2010 20:00	2.0754	32.5929	104.9606894	104.913492	0.632582	104.909167	
110	293	2200	293.916666667	10/20/2010 22:00	10/20/2010 21:00	2.0619	32.6063	104.9566009	104.909404	0.628467	104.905052	
110	293	2300	293.958333333	10/20/2010 23:00	10/20/2010 22:00	2.0466	32.6215	104.9519673	104.904770	0.623804	104.900389	
110	294	0	294.000000000	10/21/2010 0:00	10/20/2010 23:00	2.0446	32.6235	104.9513616	104.904165	0.623194	104.899779	
110	294	100	294.041666667	10/21/2010 1:00	10/21/2010 0:00	2.043	32.6251	104.9508771	104.903680	0.622706	104.899291	
110	294	200	294.083333333	10/21/2010 2:00	10/21/2010 1:00	2.0318	32.6362	104.9474852	104.900288	0.619293	104.895878	
110	294	300	294.125000000	10/21/2010 3:00	10/21/2010 2:00	2.0279	32.6401	104.9463041	104.899107	0.618104	104.894689	
110	294	400	294.166666667	10/21/2010 4:00	10/21/2010 3:00	2.0305	32.6375	104.9470915	104.899894	0.618896	104.895481	
110	294	500	294.208333333	10/21/2010 5:00	10/21/2010 4:00	2.0267	32.6413	104.9459406	104.898744	0.617738	104.894323	
110	294	600	294.250000000	10/21/2010 6:00	10/21/2010 5:00	2.0255	32.6425	104.9455772	104.898380	0.617372	104.893957	
110	294	700	294.291666667	10/21/2010 7:00	10/21/2010 6:00	2.0276	32.6404	104.9462132	104.899016	0.618012	104.894598	
110	294	800	294.333333333	10/21/2010 8:00	10/21/2010 7:00	2.0057	32.6621	104.9395808	104.892384	0.611337	104.887922	
110	294	900	294.375000000	10/21/2010 9:00	10/21/2010 8:00	1.9897	32.6780	104.9347352	104.887538	0.606461	104.883046	
110	294	1000	294.416666667	10/21/2010 10:00	10/21/2010 9:00	1.969	32.6986	104.9284662	104.881269	0.600151	104.876736	
110	294	1100	294.458333333	10/21/2010 11:00	10/21/2010 10:00	1.9476	32.7199	104.9219853	104.874788	0.593628	104.870214	
110	294	1200	294.500000000	10/21/2010 12:00	10/21/2010 11:00	1.9303	32.7371	104.916746	104.869549	0.588355	104.864940	
110	294	1300	294.541666667	10/21/2010 13:00	10/21/2010 12:00	1.913	32.7542	104.9115067	104.864310	0.583082	104.859667	
110	294	1400	294.583333333	10/21/2010 14:00	10/21/2010 13:00	1.8948	32.7723	104.9059948	104.858798	0.577535	104.854120	
110	294	1500	294.625000000	10/21/2010 15:00	10/21/2010 14:00	1.8803	32.7867	104.9016035	104.854406	0.573115	104.849700	
110	294	1600	294.666666667	10/21/2010 16:00	10/21/2010 15:00	1.8595	32.8074	104.8953042	104.848107	0.566776	104.843361	
110	294	1700	294.708333333	10/21/2010 17:00	10/21/2010 16:00	1.8243	32.8424	104.8846439	104.837447	0.556047	104.832632	
110	294	1800	294.750000000	10/21/2010 18:00	10/21/2010 17:00	1.8018	32.8647	104.8778298	104.830633	0.549189	104.825774	
110	294	1900	294.791666667	10/21/2010 19:00	10/21/2010 18:00	1.7767	32.8897	104.8702283	104.823031	0.541538	104.818123	
110	294	2000	294.833333333	10/21/2010 20:00	10/21/2010 19:00	1.7649	32.9014	104.8666547	104.819458	0.537942	104.814527	
110	294	2100	294.875000000	10/21/2010 21:00	10/21/2010 20:00	1.7519	32.9143	104.8627177	104.815521	0.533979	104.810564	
110	294	2200	294.916666667	10/21/2010 22:00	10/21/2010 21:00	1.7406	32.9255	104.8592955	104.812098	0.530535	104.807120	
110	294	2300	294.958333333	10/21/2010 23:00	10/21/2010 22:00	1.7277	32.9384	104.8553887	104.808192	0.526603	104.803188	
110	295	0	295.000000000	10/22/2010 0:00	10/21/2010 23:00	1.7172	32.9488	104.8522088	104.805012	0.523403	104.799988	
110	295	100	295.041666667	10/22/2010 1:00	10/22/2010 0:00	1.7025	32.9634	104.8477569	104.800560	0.518922	104.795507	
110	295	200	295.083333333	10/22/2010 2:00	10/22/2010 1:00	1.6977	32.9682	104.8463032	104.799106	0.517459	104.794044	
110	295	300	295.125000000	10/22/2010 3:00	10/22/2010 2:00	1.6841	32.9817	104.8421845	104.794987	0.513314	104.789899	
110	295	400	295.166666667	10/22/2010 4:00	10/22/2010 3:00	1.6778	32.9879	104.8402765	104.793079	0.511393	104.787978	
110	295	500	295.208333333	10/22/2010 5:00	10/22/2010 4:00	1.6589	33.0067	104.8345527	104.787356	0.505633	104.782218	
110	295	600	295.250000000	10/22/2010 6:00	10/22/2010 5:00	1.6391	33.0264	104.8285563	104.781359	0.499598	104.776183	
110	295	700	295.291666667	10/22/2010 7:00	10/22/2010 6:00	1.6518	33.0138	104.8324024	104.785205	0.503469	104.780054	
110	295	800	295.333333333	10/22/2010 8:00	10/22/2010 7:00	1.6317	33.0337	104.8263152	104.779118	0.497342	104.773927	
110	295	900	295.375000000	10/22/2010 9:00	10/22/2010 8:00	1.6128	33.0525	104.8205913	104.773394	0.491581	104.768166	
110	295	1000	295.416666667	10/22/2010 10:00	10/22/2010 9:00	1.5956	33.0696	104.8153823	104.768185	0.486339	104.762924	
110	295	1100	295.458333333	10/22/2010 11:00	10/22/2010 10:00	1.5801	33.0850	104.8106881	104.763491	0.481614	104.758200	
110	295	1200	295.500000000	10/22/2010 12:00	10/22/2010 11:00	1.569	33.0960	104.8073265	104.760129	0.478231	104.754816	
110	295	1300	295.541666667	10/22/2010 13:00	10/22/2010 12:00	1.5523	33.1126	104.8022689	104.755072	0.473141	104.749726	
110	295	1400	295.583333333	10/22/2010 14:00	10/22/2010 13:00	1.5419	33.1230	104.7991193	104.751922	0.469971	104.746556	
110	295	1500	295.625000000	10/22/2010 15:00	10/22/2010 14:00	1.5297	33.1351	104.7954245	104.748227	0.466253	104.742838	
110	295	1600	295.666666667	10/22/2010 16:00	10/22/2010 15:00	1.517	33.1477	104.7915784	104.744381	0.462382	104.738967	
110	295	1700	295.708333333	10/22/2010 17:00	10/22/2010 16:00	1.5083	33.1564	104.7889436	104.741746	0.459730	104.736315	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	295	1800	295.750000000	10/22/2010 18:00	10/22/2010 17:00	1.4721	33.1923	104.7779804	104.730783	0.448696	104.725281	
110	295	1900	295.791666667	10/22/2010 19:00	10/22/2010 18:00	1.4606	33.2037	104.7744977	104.727301	0.445191	104.721776	
110	295	2000	295.833333333	10/22/2010 20:00	10/22/2010 19:00	1.4518	33.2125	104.7718326	104.724635	0.442509	104.719094	
110	295	2100	295.875000000	10/22/2010 21:00	10/22/2010 20:00	1.4424	33.2218	104.7689858	104.721789	0.439644	104.716229	
110	295	2200	295.916666667	10/22/2010 22:00	10/22/2010 21:00	1.4402	33.2240	104.7683195	104.721122	0.438973	104.715558	
110	295	2300	295.958333333	10/22/2010 23:00	10/22/2010 22:00	1.4358	33.2284	104.766987	104.719790	0.437632	104.714217	
110	296	0	296.000000000	10/23/2010 0:00	10/22/2010 23:00	1.4352	33.2290	104.7668053	104.719608	0.437449	104.714034	
110	296	100	296.041666667	10/23/2010 1:00	10/23/2010 0:00	1.4486	33.2157	104.7708635	104.723666	0.441533	104.718118	
110	296	200	296.083333333	10/23/2010 2:00	10/23/2010 1:00	1.4803	33.1842	104.7804638	104.733267	0.451195	104.727780	
110	296	300	296.125000000	10/23/2010 3:00	10/23/2010 2:00							
110	296	400	296.166666667	10/23/2010 4:00	10/23/2010 3:00							
110	296	500	296.208333333	10/23/2010 5:00	10/23/2010 4:00							
110	296	600	296.250000000	10/23/2010 6:00	10/23/2010 5:00							
110	296	700	296.291666667	10/23/2010 7:00	10/23/2010 6:00							
110	296	800	296.333333333	10/23/2010 8:00	10/23/2010 7:00	1.6214	33.0440	104.8231958	104.775999	0.494203	104.770788	
110	296	900	296.375000000	10/23/2010 9:00	10/23/2010 8:00	1.6058	33.0595	104.8184714	104.771274	0.489448	104.766033	
110	296	1000	296.416666667	10/23/2010 10:00	10/23/2010 9:00	1.5842	33.0809	104.8119298	104.764733	0.482864	104.759449	
110	296	1100	296.458333333	10/23/2010 11:00	10/23/2010 10:00	1.5692	33.0958	104.8073871	104.760190	0.478292	104.754877	
110	296	1200	296.500000000	10/23/2010 12:00	10/23/2010 11:00	1.5525	33.1124	104.8023295	104.755132	0.473202	104.749787	
110	296	1300	296.541666667	10/23/2010 13:00	10/23/2010 12:00	1.5412	33.1237	104.7989073	104.751710	0.469758	104.746343	
110	296	1400	296.583333333	10/23/2010 14:00	10/23/2010 13:00	1.5293	33.1355	104.7953034	104.748106	0.466131	104.742716	
110	296	1500	296.625000000	10/23/2010 15:00	10/23/2010 14:00	1.5243	33.1405	104.7937892	104.746592	0.464607	104.741192	
110	296	1600	296.666666667	10/23/2010 16:00	10/23/2010 15:00	1.5174	33.1473	104.7916995	104.744502	0.462504	104.739089	
110	296	1700	296.708333333	10/23/2010 17:00	10/23/2010 16:00							
110	296	1800	296.750000000	10/23/2010 18:00	10/23/2010 17:00							
110	296	1900	296.791666667	10/23/2010 19:00	10/23/2010 18:00							
110	296	2000	296.833333333	10/23/2010 20:00	10/23/2010 19:00							
110	296	2100	296.875000000	10/23/2010 21:00	10/23/2010 20:00							
110	296	2200	296.916666667	10/23/2010 22:00	10/23/2010 21:00							
110	296	2300	296.958333333	10/23/2010 23:00	10/23/2010 22:00							
110	297	0	297.000000000	10/24/2010 0:00	10/23/2010 23:00							
110	297	100	297.041666667	10/24/2010 1:00	10/24/2010 0:00							
110	297	200	297.083333333	10/24/2010 2:00	10/24/2010 1:00	1.5293	33.1355	104.7953034	104.748106	0.466131	104.742716	
110	297	300	297.125000000	10/24/2010 3:00	10/24/2010 2:00							
110	297	400	297.166666667	10/24/2010 4:00	10/24/2010 3:00							
110	297	500	297.208333333	10/24/2010 5:00	10/24/2010 4:00							
110	297	600	297.250000000	10/24/2010 6:00	10/24/2010 5:00							
110	297	700	297.291666667	10/24/2010 7:00	10/24/2010 6:00	1.6617	33.0039	104.8354006	104.788204	0.506486	104.783071	
110	297	800	297.333333333	10/24/2010 8:00	10/24/2010 7:00	1.6324	33.0330	104.8265272	104.779330	0.497556	104.774141	
110	297	900	297.375000000	10/24/2010 9:00	10/24/2010 8:00	1.6613	33.0043	104.8352795	104.788082	0.506364	104.782949	
110	297	1000	297.416666667	10/24/2010 10:00	10/24/2010 9:00	1.6968	32.9691	104.8460307	104.798834	0.517185	104.793770	
110	297	1100	297.458333333	10/24/2010 11:00	10/24/2010 10:00	1.7311	32.9350	104.8564184	104.809221	0.527639	104.804224	
110	297	1200	297.500000000	10/24/2010 12:00	10/24/2010 11:00	1.7558	32.9104	104.8638988	104.816702	0.535168	104.811753	
110	297	1300	297.541666667	10/24/2010 13:00	10/24/2010 12:00	1.7771	32.8893	104.8703495	104.823152	0.541660	104.818245	
110	297	1400	297.583333333	10/24/2010 14:00	10/24/2010 13:00	1.8003	32.8662	104.8773756	104.830178	0.548731	104.825316	
110	297	1500	297.625000000	10/24/2010 15:00	10/24/2010 14:00	1.7916	32.8749	104.8747408	104.827544	0.546080	104.822665	
110	297	1600	297.666666667	10/24/2010 16:00	10/24/2010 15:00	1.7858	32.8806	104.8729842	104.825787	0.544312	104.820897	
110	297	1700	297.708333333	10/24/2010 17:00	10/24/2010 16:00	1.7346	32.9315	104.8574784	104.810281	0.528706	104.805291	
110	297	1800	297.750000000	10/24/2010 18:00	10/24/2010 17:00	1.7298	32.9363	104.8560247	104.808828	0.527243	104.803828	
110	297	1900	297.791666667	10/24/2010 19:00	10/24/2010 18:00	1.7118	32.9542	104.8505734	104.803376	0.521757	104.798342	
110	297	2000	297.833333333	10/24/2010 20:00	10/24/2010 19:00	1.7018	32.9641	104.8475449	104.800348	0.518709	104.795294	
110	297	2100	297.875000000	10/24/2010 21:00	10/24/2010 20:00	1.7004	32.9655	104.8471209	104.799924	0.518282	104.794867	
110	297	2200	297.916666667	10/24/2010 22:00	10/24/2010 21:00	1.7012	32.9647	104.8473632	104.800166	0.518526	104.795111	
110	297	2300	297.958333333	10/24/2010 23:00	10/24/2010 22:00	1.7153	32.9507	104.8516334	104.804436	0.522823	104.799408	
110	298	0	298.000000000	10/25/2010 0:00	10/24/2010 23:00	1.7454	32.9208	104.8607491	104.813552	0.531998	104.808583	
110	298	100	298.041666667	10/25/2010 1:00	10/25/2010 0:00	1.8064	32.8602	104.8792229	104.832026	0.550591	104.827176	
110	298	200	298.083333333	10/25/2010 2:00	10/25/2010 1:00	1.8523	32.8146	104.8931237	104.845927	0.564581	104.841166	
110	298	300	298.125000000	10/25/2010 3:00	10/25/2010 2:00	1.918	32.7493	104.9130209	104.865824	0.584606	104.861191	
110	298	400	298.166666667	10/25/2010 4:00	10/25/2010 3:00	1.9514	32.7161	104.9231361	104.875939	0.594787	104.871372	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	298	500	298.208333333	10/25/2010 5:00	10/25/2010 4:00	1.9894	32.6783	104.9346444	104.887447	0.606369	104.882954	
110	298	600	298.250000000	10/25/2010 6:00	10/25/2010 5:00	2.0185	32.6494	104.9434573	104.896260	0.615239	104.891824	
110	298	700	298.291666667	10/25/2010 7:00	10/25/2010 6:00	2.028	32.6400	104.9463343	104.899137	0.618134	104.894719	
110	298	800	298.333333333	10/25/2010 8:00	10/25/2010 7:00	2.0685	32.5997	104.9585997	104.911403	0.630479	104.907064	
110	298	900	298.375000000	10/25/2010 9:00	10/25/2010 8:00	2.0479	32.6202	104.952361	104.905164	0.624200	104.900785	
110	298	1000	298.416666667	10/25/2010 10:00	10/25/2010 9:00	2.0178	32.6501	104.9432453	104.896048	0.615025	104.891610	
110	298	1100	298.458333333	10/25/2010 11:00	10/25/2010 10:00	1.9982	32.6696	104.9373094	104.890112	0.609051	104.885636	
110	298	1200	298.500000000	10/25/2010 12:00	10/25/2010 11:00	1.9837	32.6840	104.9329181	104.885721	0.604632	104.881217	
110	298	1300	298.541666667	10/25/2010 13:00	10/25/2010 12:00	1.9592	32.7083	104.9254983	104.878301	0.597164	104.873749	
110	298	1400	298.583333333	10/25/2010 14:00	10/25/2010 13:00	1.9488	32.7187	104.9223487	104.875152	0.593994	104.870579	
110	298	1500	298.625000000	10/25/2010 15:00	10/25/2010 14:00	1.9205	32.7468	104.913778	104.866581	0.585368	104.861953	
110	298	1600	298.666666667	10/25/2010 16:00	10/25/2010 15:00	1.9154	32.7519	104.9122335	104.865036	0.583814	104.860399	
110	298	1700	298.708333333	10/25/2010 17:00	10/25/2010 16:00	1.869	32.7980	104.8981813	104.850984	0.569671	104.846256	
110	298	1800	298.750000000	10/25/2010 18:00	10/25/2010 17:00	1.8441	32.8227	104.8906404	104.843443	0.562082	104.838667	
110	298	1900	298.791666667	10/25/2010 19:00	10/25/2010 18:00	1.8496	32.8172	104.892306	104.845109	0.563758	104.840343	
110	298	2000	298.833333333	10/25/2010 20:00	10/25/2010 19:00	1.824	32.8427	104.8845531	104.837356	0.555955	104.832540	
110	298	2100	298.875000000	10/25/2010 21:00	10/25/2010 20:00							
110	298	2200	298.916666667	10/25/2010 22:00	10/25/2010 21:00							
110	298	2300	298.958333333	10/25/2010 23:00	10/25/2010 22:00							
110	299	0	299.000000000	10/26/2010 0:00	10/25/2010 23:00							
110	299	100	299.041666667	10/26/2010 1:00	10/26/2010 0:00							
110	299	200	299.083333333	10/26/2010 2:00	10/26/2010 1:00							
110	299	300	299.125000000	10/26/2010 3:00	10/26/2010 2:00							
110	299	400	299.166666667	10/26/2010 4:00	10/26/2010 3:00							
110	299	500	299.208333333	10/26/2010 5:00	10/26/2010 4:00							
110	299	600	299.250000000	10/26/2010 6:00	10/26/2010 5:00							
110	299	700	299.291666667	10/26/2010 7:00	10/26/2010 6:00	2.2465	32.4229	105.0125069	104.965310	0.684733	104.961318	
110	299	800	299.333333333	10/26/2010 8:00	10/26/2010 7:00	2.1966	32.4725	104.9973947	104.950198	0.669524	104.946109	
110	299	900	299.375000000	10/26/2010 9:00	10/26/2010 8:00	2.196	32.4731	104.997213	104.950016	0.669341	104.945926	
110	299	1000	299.416666667	10/26/2010 10:00	10/26/2010 9:00	2.1834	32.4856	104.9933971	104.946200	0.665500	104.942085	
110	299	1100	299.458333333	10/26/2010 11:00	10/26/2010 10:00	2.1642	32.5047	104.9875824	104.940385	0.659648	104.936233	
110	299	1200	299.500000000	10/26/2010 12:00	10/26/2010 11:00	2.1419	32.5268	104.9808289	104.933632	0.652851	104.929436	
110	299	1300	299.541666667	10/26/2010 13:00	10/26/2010 12:00	2.1259	32.5427	104.9759833	104.928786	0.647974	104.924559	
110	299	1400	299.583333333	10/26/2010 14:00	10/26/2010 13:00	2.0981	32.5703	104.9675641	104.920367	0.639501	104.916086	
110	299	1500	299.625000000	10/26/2010 15:00	10/26/2010 14:00	2.0778	32.5905	104.9614162	104.914219	0.633313	104.909898	
110	299	1600	299.666666667	10/26/2010 16:00	10/26/2010 15:00	2.0665	32.6017	104.957994	104.910797	0.629869	104.906454	
110	299	1700	299.708333333	10/26/2010 17:00	10/26/2010 16:00	2.0057	32.6621	104.9395808	104.892384	0.611337	104.887922	
110	299	1800	299.750000000	10/26/2010 18:00	10/26/2010 17:00	2.004	32.6638	104.939066	104.891869	0.610819	104.887404	
110	299	1900	299.791666667	10/26/2010 19:00	10/26/2010 18:00	1.9941	32.6737	104.9360677	104.888871	0.607802	104.884387	
110	299	2000	299.833333333	10/26/2010 20:00	10/26/2010 19:00	1.9849	32.6828	104.9332815	104.886084	0.604998	104.881583	
110	299	2100	299.875000000	10/26/2010 21:00	10/26/2010 20:00	1.9576	32.7099	104.9250138	104.877817	0.596676	104.873262	
110	299	2200	299.916666667	10/26/2010 22:00	10/26/2010 21:00							
110	299	2300	299.958333333	10/26/2010 23:00	10/26/2010 22:00							
110	300	0	300.000000000	10/27/2010 0:00	10/26/2010 23:00							
110	300	100	300.041666667	10/27/2010 1:00	10/27/2010 0:00							
110	300	200	300.083333333	10/27/2010 2:00	10/27/2010 1:00							
110	300	300	300.125000000	10/27/2010 3:00	10/27/2010 2:00							
110	300	400	300.166666667	10/27/2010 4:00	10/27/2010 3:00							
110	300	500	300.208333333	10/27/2010 5:00	10/27/2010 4:00							
110	300	600	300.250000000	10/27/2010 6:00	10/27/2010 5:00							
110	300	700	300.291666667	10/27/2010 7:00	10/27/2010 6:00	2.0423	32.6258	104.9506651	104.903468	0.622493	104.899078	
110	300	800	300.333333333	10/27/2010 8:00	10/27/2010 7:00	2.0628	32.6054	104.9568735	104.909676	0.628741	104.905326	
110	300	900	300.375000000	10/27/2010 9:00	10/27/2010 8:00	2.0833	32.5850	104.9630819	104.915885	0.634990	104.911575	
110	300	1000	300.416666667	10/27/2010 10:00	10/27/2010 9:00	2.1025	32.5660	104.9688966	104.921700	0.640842	104.917427	
110	300	1100	300.458333333	10/27/2010 11:00	10/27/2010 10:00	2.1245	32.5441	104.9755593	104.928362	0.647548	104.924133	
110	300	1200	300.500000000	10/27/2010 12:00	10/27/2010 11:00	2.1349	32.5338	104.9787089	104.931512	0.650718	104.927303	
110	300	1300	300.541666667	10/27/2010 13:00	10/27/2010 12:00	2.1337	32.5350	104.9783455	104.931148	0.650352	104.926937	
110	300	1400	300.583333333	10/27/2010 14:00	10/27/2010 13:00	2.1188	32.5498	104.9738331	104.926636	0.645810	104.922395	
110	300	1500	300.625000000	10/27/2010 15:00	10/27/2010 14:00	2.096	32.5724	104.9669281	104.919731	0.638861	104.915446	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	300	1600	300.666666667	10/27/2010 16:00	10/27/2010 15:00	2.0707	32.5976	104.959266	104.912069	0.631149	104.907734	
110	300	1700	300.708333333	10/27/2010 17:00	10/27/2010 16:00	2.0326	32.6354	104.9477274	104.900530	0.619536	104.896122	
110	300	1800	300.750000000	10/27/2010 18:00	10/27/2010 17:00	1.9868	32.6809	104.9338569	104.886660	0.605577	104.882162	
110	300	1900	300.791666667	10/27/2010 19:00	10/27/2010 18:00	1.9687	32.6989	104.9283754	104.881178	0.600060	104.876645	
110	300	2000	300.833333333	10/27/2010 20:00	10/27/2010 19:00	1.948	32.7195	104.9221064	104.874909	0.593750	104.870335	
110	300	2100	300.875000000	10/27/2010 21:00	10/27/2010 20:00	1.9215	32.7458	104.9140809	104.866884	0.585673	104.862258	
110	300	2200	300.916666667	10/27/2010 22:00	10/27/2010 21:00	1.9005	32.7667	104.9077211	104.860524	0.579272	104.855857	
110	300	2300	300.958333333	10/27/2010 23:00	10/27/2010 22:00							
110	301	0	301.000000000	10/28/2010 0:00	10/27/2010 23:00							
110	301	100	301.041666667	10/28/2010 1:00	10/28/2010 0:00							
110	301	200	301.083333333	10/28/2010 2:00	10/28/2010 1:00							
110	301	300	301.125000000	10/28/2010 3:00	10/28/2010 2:00							
110	301	400	301.166666667	10/28/2010 4:00	10/28/2010 3:00							
110	301	500	301.208333333	10/28/2010 5:00	10/28/2010 4:00							
110	301	600	301.250000000	10/28/2010 6:00	10/28/2010 5:00							
110	301	700	301.291666667	10/28/2010 7:00	10/28/2010 6:00							
110	301	800	301.333333333	10/28/2010 8:00	10/28/2010 7:00	2.4167	32.2538	105.0640519	105.016855	0.736610	105.013195	
110	301	900	301.375000000	10/28/2010 9:00	10/28/2010 8:00	2.4237	32.2468	105.0661718	105.018975	0.738744	105.015329	
110	301	1000	301.416666667	10/28/2010 10:00	10/28/2010 9:00	2.4189	32.2516	105.0647181	105.017521	0.737281	105.013866	
110	301	1100	301.458333333	10/28/2010 11:00	10/28/2010 10:00	2.4063	32.2641	105.0609022	105.013705	0.733440	105.010025	
110	301	1200	301.500000000	10/28/2010 12:00	10/28/2010 11:00	2.3866	32.2837	105.0549361	105.007739	0.727436	105.004021	
110	301	1300	301.541666667	10/28/2010 13:00	10/28/2010 12:00	2.3647	32.3054	105.0483037	105.001107	0.720761	104.997346	
110	301	1400	301.583333333	10/28/2010 14:00	10/28/2010 13:00	2.3315	32.3384	105.0382491	104.991052	0.710641	104.987226	
110	301	1500	301.625000000	10/28/2010 15:00	10/28/2010 14:00	2.3005	32.3692	105.0288608	104.981664	0.701192	104.977777	
110	301	1600	301.666666667	10/28/2010 16:00	10/28/2010 15:00	2.2905	32.3792	105.0258323	104.978635	0.698144	104.974729	
110	301	1700	301.708333333	10/28/2010 17:00	10/28/2010 16:00							
110	301	1800	301.750000000	10/28/2010 18:00	10/28/2010 17:00	2.1762	32.4927	104.9912166	104.944019	0.663306	104.939891	
110	301	1900	301.791666667	10/28/2010 19:00	10/28/2010 18:00	2.1434	32.5253	104.9812831	104.934086	0.653308	104.929893	
110	301	2000	301.833333333	10/28/2010 20:00	10/28/2010 19:00							
110	301	2100	301.875000000	10/28/2010 21:00	10/28/2010 20:00							
110	301	2200	301.916666667	10/28/2010 22:00	10/28/2010 21:00							
110	301	2300	301.958333333	10/28/2010 23:00	10/28/2010 22:00							
110	302	0	302.000000000	10/29/2010 0:00	10/28/2010 23:00							
110	302	100	302.041666667	10/29/2010 1:00	10/29/2010 0:00							
110	302	200	302.083333333	10/29/2010 2:00	10/29/2010 1:00							
110	302	300	302.125000000	10/29/2010 3:00	10/29/2010 2:00							
110	302	400	302.166666667	10/29/2010 4:00	10/29/2010 3:00							
110	302	500	302.208333333	10/29/2010 5:00	10/29/2010 4:00							
110	302	600	302.250000000	10/29/2010 6:00	10/29/2010 5:00							
110	302	700	302.291666667	10/29/2010 7:00	10/29/2010 6:00							
110	302	800	302.333333333	10/29/2010 8:00	10/29/2010 7:00	2.3244	32.3455	105.0360989	104.988902	0.708477	104.985062	
110	302	900	302.375000000	10/29/2010 9:00	10/29/2010 8:00	2.2767	32.3929	105.021653	104.974456	0.693938	104.970523	
110	302	1000	302.416666667	10/29/2010 10:00	10/29/2010 9:00	2.2512	32.4182	105.0139303	104.966733	0.686166	104.962751	
110	302	1100	302.458333333	10/29/2010 11:00	10/29/2010 10:00	2.2245	32.4447	105.0058442	104.958647	0.678028	104.954613	
110	302	1200	302.500000000	10/29/2010 12:00	10/29/2010 11:00	2.2142	32.4550	105.0027249	104.955528	0.674888	104.951473	
110	302	1300	302.541666667	10/29/2010 13:00	10/29/2010 12:00	2.2053	32.4638	105.0000295	104.952832	0.672175	104.948760	
110	302	1400	302.583333333	10/29/2010 14:00	10/29/2010 13:00	2.1914	32.4776	104.9958199	104.948623	0.667939	104.944524	
110	302	1500	302.625000000	10/29/2010 15:00	10/29/2010 14:00	2.1893	32.4797	104.9951839	104.947987	0.667299	104.943884	
110	302	1600	302.666666667	10/29/2010 16:00	10/29/2010 15:00	2.1747	32.4942	104.9907623	104.943565	0.662849	104.939434	
110	302	1700	302.708333333	10/29/2010 17:00	10/29/2010 16:00	2.1247	32.5439	104.9756199	104.928423	0.647609	104.924194	
110	302	1800	302.750000000	10/29/2010 18:00	10/29/2010 17:00	2.1142	32.5543	104.9724399	104.925243	0.644408	104.920993	
110	302	1900	302.791666667	10/29/2010 19:00	10/29/2010 18:00	2.1036	32.5649	104.9692297	104.922033	0.641177	104.917762	
110	302	2000	302.833333333	10/29/2010 20:00	10/29/2010 19:00	2.084	32.5843	104.9632939	104.916097	0.635203	104.911788	
110	302	2100	302.875000000	10/29/2010 21:00	10/29/2010 20:00	2.0867	32.5817	104.9641116	104.916914	0.636026	104.912611	
110	302	2200	302.916666667	10/29/2010 22:00	10/29/2010 21:00	2.0747	32.5936	104.9604774	104.913280	0.632369	104.908954	
110	302	2300	302.958333333	10/29/2010 23:00	10/29/2010 22:00	2.0752	32.5931	104.9606288	104.913432	0.632521	104.909106	
110	303	0	303.000000000	10/30/2010 0:00	10/29/2010 23:00	2.0632	32.6050	104.9569946	104.909798	0.628863	104.905448	
110	303	100	303.041666667	10/30/2010 1:00	10/30/2010 0:00	2.0614	32.6068	104.9564495	104.909252	0.628315	104.904900	
110	303	200	303.083333333	10/30/2010 2:00	10/30/2010 1:00	2.0799	32.5884	104.9620522	104.914855	0.633954	104.910539	

Table D-14. Groundwater Elevations (Part 4 of 27)

							Linear Regression			Manufacturer's Calibration		
							399-1-10A	399-1-10A	399-1-10A	399-1-10A	399-1-10A	
Year	Day of Year 2009	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG (ft)	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
110	303	300	303.125000000	10/30/2010 3:00	10/30/2010 2:00	2.1016	32.5669	104.968624	104.921427	0.640568	104.917153	
110	303	400	303.166666667	10/30/2010 4:00	10/30/2010 3:00	2.1305	32.5381	104.9773764	104.930179	0.649376	104.925961	
110	303	500	303.208333333	10/30/2010 5:00	10/30/2010 4:00	2.1642	32.5047	104.9875824	104.940385	0.659648	104.936233	
110	303	600	303.250000000	10/30/2010 6:00	10/30/2010 5:00	2.1979	32.4712	104.9977884	104.950591	0.669920	104.946505	
110	303	700	303.291666667	10/30/2010 7:00	10/30/2010 6:00	2.2326	32.4367	105.0082973	104.961100	0.680496	104.957082	
110	303	800	303.333333333	10/30/2010 8:00	10/30/2010 7:00	2.2847	32.3849	105.0240758	104.976879	0.696377	104.972962	
110	303	900	303.375000000	10/30/2010 9:00	10/30/2010 8:00	2.3193	32.3505	105.0345543	104.987357	0.706923	104.983508	
110	303	1000	303.416666667	10/30/2010 10:00	10/30/2010 9:00	2.3461	32.3239	105.0426707	104.995474	0.715091	104.991676	
110	303	1100	303.458333333	10/30/2010 11:00	10/30/2010 10:00	2.3665	32.3036	105.0488488	105.001652	0.721309	104.997894	
110	303	1200	303.500000000	10/30/2010 12:00	10/30/2010 11:00	2.3819	32.2883	105.0535127	105.006316	0.726003	105.002588	
110	303	1300	303.541666667	10/30/2010 13:00	10/30/2010 12:00	2.3874	32.2829	105.0551784	105.007981	0.727680	105.004265	
110	303	1400	303.583333333	10/30/2010 14:00	10/30/2010 13:00	2.384	32.2863	105.0541487	105.006952	0.726643	105.003228	
110	303	1500	303.625000000	10/30/2010 15:00	10/30/2010 14:00	2.3742	32.2960	105.0511808	105.003984	0.723656	105.000241	
110	303	1600	303.666666667	10/30/2010 16:00	10/30/2010 15:00	2.3904	32.2799	105.0560869	105.008890	0.728594	105.005179	
110	303	1700	303.708333333	10/30/2010 17:00	10/30/2010 16:00	2.304	32.3657	105.0299207	104.982724	0.702259	104.978844	
110	303	1800	303.750000000	10/30/2010 18:00	10/30/2010 17:00	2.2898	32.3799	105.0256203	104.978423	0.697931	104.974516	
110	303	1900	303.791666667	10/30/2010 19:00	10/30/2010 18:00	2.2625	32.4070	105.0173525	104.970155	0.689610	104.966195	
110	303	2000	303.833333333	10/30/2010 20:00	10/30/2010 19:00	2.238	32.4313	105.0099327	104.962736	0.682142	104.958727	
110	303	2100	303.875000000	10/30/2010 21:00	10/30/2010 20:00	2.2138	32.4554	105.0026037	104.955407	0.674766	104.951351	
110	303	2200	303.916666667	10/30/2010 22:00	10/30/2010 21:00	2.1974	32.4717	104.997637	104.950440	0.669768	104.946353	
110	303	2300	303.958333333	10/30/2010 23:00	10/30/2010 22:00	2.1811	32.4879	104.9927006	104.945503	0.664799	104.941384	
110	304	0	304.000000000	10/31/2010 0:00	10/30/2010 23:00	2.1858	32.4832	104.994124	104.946927	0.666232	104.942817	
110	304	100	304.041666667	10/31/2010 1:00	10/31/2010 0:00	2.1894	32.4796	104.9952142	104.948017	0.667329	104.943914	
110	304	200	304.083333333	10/31/2010 2:00	10/31/2010 1:00							
110	304	300	304.125000000	10/31/2010 3:00	10/31/2010 2:00							
110	304	400	304.166666667	10/31/2010 4:00	10/31/2010 3:00							
110	304	500	304.208333333	10/31/2010 5:00	10/31/2010 4:00							
110	304	600	304.250000000	10/31/2010 6:00	10/31/2010 5:00							
110	304	700	304.291666667	10/31/2010 7:00	10/31/2010 6:00	2.2248	32.4444	105.0059351	104.958738	0.678119	104.954704	
110	304	800	304.333333333	10/31/2010 8:00	10/31/2010 7:00	2.1964	32.4727	104.9973342	104.950137	0.669463	104.946048	
110	304	900	304.375000000	10/31/2010 9:00	10/31/2010 8:00	2.2133	32.4559	105.0024523	104.955255	0.674614	104.951199	
110	304	1000	304.416666667	10/31/2010 10:00	10/31/2010 9:00	2.2321	32.4372	105.0081459	104.960949	0.680344	104.956929	
110	304	1100	304.458333333	10/31/2010 11:00	10/31/2010 10:00	2.2464	32.4230	105.0124766	104.965280	0.684703	104.961288	
110	304	1200	304.500000000	10/31/2010 12:00	10/31/2010 11:00	2.2627	32.4068	105.0174131	104.970216	0.689671	104.966256	
110	304	1300	304.541666667	10/31/2010 13:00	10/31/2010 12:00	2.2646	32.4049	105.0179885	104.970791	0.690250	104.966835	
110	304	1400	304.583333333	10/31/2010 14:00	10/31/2010 13:00	2.2555	32.4139	105.0152326	104.968035	0.687476	104.964061	
110	304	1500	304.625000000	10/31/2010 15:00	10/31/2010 14:00	2.2429	32.4265	105.0114167	104.964220	0.683636	104.960221	
110	304	1600	304.666666667	10/31/2010 16:00	10/31/2010 15:00	2.2152	32.4540	105.0030277	104.955831	0.675193	104.951778	
110	304	1700	304.708333333	10/31/2010 17:00	10/31/2010 16:00	2.1829	32.4861	104.9932457	104.946049	0.665348	104.941933	
110	304	1800	304.750000000	10/31/2010 18:00	10/31/2010 17:00							
110	304	1900	304.791666667	10/31/2010 19:00	10/31/2010 18:00							
110	304	2000	304.833333333	10/31/2010 20:00	10/31/2010 19:00							
110	304	2100	304.875000000	10/31/2010 21:00	10/31/2010 20:00							
110	304	2200	304.916666667	10/31/2010 22:00	10/31/2010 21:00							
110	304	2300	304.958333333	10/31/2010 23:00	10/31/2010 22:00							
110	305	0	305.000000000	11/01/2010 0:00	10/31/2010 23:00	2.0356	32.6324	104.948636	104.901439	0.620451	104.897036	
110	305	100	305.041666667	11/01/2010 1:00	11/01/2010 0:00	2.0432	32.6249	104.9509376	104.903741	0.622767	104.899352	
110	305	200	305.083333333	11/01/2010 2:00	11/01/2010 1:00	2.0677	32.6005	104.9583575	104.911160	0.630235	104.906820	
110	305	300	305.125000000	11/01/2010 3:00	11/01/2010 2:00	2.0979	32.5705	104.9675035	104.920306	0.639440	104.916025	
110	305	400	305.166666667	11/01/2010 4:00	11/01/2010 3:00							
110	305	500	305.208333333	11/01/2010 5:00	11/01/2010 4:00							
110	305	600	305.250000000	11/01/2010 6:00	11/01/2010 5:00							
110	305	700	305.291666667	11/01/2010 7:00	11/01/2010 6:00							
110	305	800	305.333333333	11/01/2010 8:00	11/01/2010 7:00	2.2151	32.4541	105.0029974	104.955800	0.675162	104.951748	
110	305	900	305.375000000	11/01/2010 9:00	11/01/2010 8:00	2.2217	32.4475	105.0049962	104.957799	0.677174	104.953759	
110	305	1000	305.416666667	11/01/2010 10:00	11/01/2010 9:00	2.2282	32.4411	105.0069648	104.959768	0.679155	104.955740	
110	305	1100	305.458333333	11/01/2010 11:00	11/01/2010 10:00	2.2339	32.4354	105.008691	104.961494	0.680893	104.957478	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2007	24	1322	24.556944444	01/24/2007 13:22	01/24/2007 12:22	180.14	2.53041					41.5636	105.4604167	105.514000	1.801444	105.514000	Voltage reading taken during water-level measurement
2009	365	2400	366.000000000		01/01/2010 0:00	146.7	2.06068	0.352	17.29	0.381	13.26	42.6086	105.141899	105.195482	1.467036	105.179592	
2010	1	100	1.041666667		01/01/2010 1:00	146.67	2.06026	0.352	17.26	0.381	13.22	42.6095	105.1416132	105.195196	1.466736	105.179292	
2010	1	200	1.083333333		01/01/2010 2:00	146.76	2.06153	0.352	17.27	0.381	13.17	42.6067	105.1424705	105.196054	1.467636	105.180192	
2010	1	300	1.125000000		01/01/2010 3:00	146.78	2.06181	0.352	17.26	0.381	13.13	42.6061	105.142661	105.196244	1.467836	105.180392	
2010	1	400	1.166666667		01/01/2010 4:00	146.91	2.06363	0.352	17.28	0.381	13.08	42.6020	105.1438992	105.197482	1.469136	105.181692	
2010	1	500	1.208333333		01/01/2010 5:00	147.09	2.06616	0.352	17.28	0.381	13.04	42.5964	105.1456137	105.199197	1.470936	105.183492	
2010	1	600	1.250000000		01/01/2010 6:00	147.29	2.06897	0.352	17.26	0.381	13	42.5902	105.1475187	105.201102	1.472936	105.185492	
2010	1	700	1.291666667		01/01/2010 7:00	147.33	2.06953	0.352	17.25	0.381	12.96	42.5889	105.1478997	105.201483	1.473336	105.185892	
2010	1	800	1.333333333		01/01/2010 8:00	147.58	2.07304	0.352	17.29	0.381	12.92	42.5811	105.150281	105.203864	1.475836	105.188392	
2010	1	900	1.375000000		01/01/2010 9:00	147.85	2.07684	0.352	17.28	0.381	13.14	42.5727	105.1528528	105.206436	1.478536	105.191092	
2010	1	1000	1.416666667		01/01/2010 10:00	148.18	2.08147	0.352	17.28	0.381	14.1	42.5623	105.155996	105.209579	1.481837	105.194392	
2010	1	1100	1.458333333		01/01/2010 11:00	148.51	2.08611	0.352	17.29	0.381	14.09	42.5520	105.1591393	105.212723	1.485137	105.197692	
2010	1	1200	1.500000000		01/01/2010 12:00	148.87	2.09116	0.352	17.28	0.381	14.08	42.5408	105.1625683	105.216152	1.488737	105.201292	
2010	1	1300	1.541666667		01/01/2010 13:00	148.82	2.09046	0.352	17.29	0.381	14.11	42.5423	105.1620921	105.215675	1.488237	105.200792	
2010	1	1400	1.583333333		01/01/2010 14:00	149.09	2.09425	0.352	17.27	0.381	14.12	42.5339	105.1646638	105.218247	1.490937	105.203492	
2010	1	1500	1.625000000		01/01/2010 15:00	149.36	2.09805	0.352	17.28	0.381	14.09	42.5255	105.1672356	105.220819	1.493637	105.206192	
2010	1	1600	1.666666667		01/01/2010 16:00	149.09	2.09425	0.352	17.29	0.381	13.9	42.5339	105.1646638	105.218247	1.490937	105.203492	
2010	1	1700	1.708333333		01/01/2010 17:00	149.01	2.09313	0.352	17.29	0.382	13.77	42.5364	105.1639018	105.217485	1.490137	105.202692	
2010	1	1800	1.750000000		01/01/2010 18:00	148.82	2.09046	0.352	17.3	0.381	13.68	42.5423	105.1620921	105.215675	1.488237	105.200792	
2010	1	1900	1.791666667		01/01/2010 19:00	148.65	2.08807	0.352	17.28	0.381	13.6	42.5477	105.1604728	105.214056	1.486537	105.199092	
2010	1	2000	1.833333333		01/01/2010 20:00	148.46	2.08541	0.352	17.31	0.381	13.53	42.5536	105.158663	105.212246	1.484637	105.197192	
2010	1	2100	1.875000000		01/01/2010 21:00	148.08	2.08007	0.352	17.29	0.381	13.46	42.5655	105.1550435	105.208627	1.480837	105.193392	
2010	1	2200	1.916666667		01/01/2010 22:00	147.88	2.07726	0.352	17.28	0.381	13.4	42.5717	105.1531385	105.206722	1.478836	105.191392	
2010	1	2300	1.958333333		01/01/2010 23:00	147.43	2.07094	0.352	17.3	0.382	13.34	42.5858	105.1488522	105.202435	1.474336	105.186892	
2010	1	2400	2.000000000		01/02/2010 0:00	147.2	2.06771	0.352	17.3	0.381	13.29	42.5930	105.1466615	105.200245	1.472036	105.184592	
2010	2	100	2.041666667		01/02/2010 1:00	146.55	2.05858	0.352	17.3	0.381	13.24	42.6133	105.1404702	105.194053	1.465536	105.178092	
2010	2	200	2.083333333		01/02/2010 2:00	146.39	2.05633	0.352	17.3	0.381	13.19	42.6183	105.1389462	105.192529	1.463936	105.176492	
2010	2	300	2.125000000		01/02/2010 3:00	146.04	2.05141	0.352	17.31	0.381	13.15	42.6292	105.1356124	105.189196	1.460436	105.172992	
2010	2	400	2.166666667		01/02/2010 4:00	145.63	2.04565	0.352	17.32	0.381	13.1	42.6420	105.1317071	105.185290	1.456336	105.168891	
2010	2	500	2.208333333		01/02/2010 5:00	145.47	2.04340	0.352	17.31	0.381	13.05	42.6470	105.1301831	105.183766	1.454736	105.167291	
2010	2	600	2.250000000		01/02/2010 6:00	145	2.03680	0.352	17.3	0.381	13.01	42.6617	105.1257064	105.179290	1.450036	105.162591	
2010	2	700	2.291666667		01/02/2010 7:00	144.65	2.03189	0.352	17.31	0.381	12.97	42.6727	105.1223726	105.175956	1.446536	105.159091	
2010	2	800	2.333333333		01/02/2010 8:00	144.2	2.02557	0.352	17.29	0.381	12.94	42.6867	105.1180863	105.171670	1.442036	105.154591	
2010	2	900	2.375000000		01/02/2010 9:00	143.73	2.01896	0.352	17.29	0.381	13.18	42.7014	105.1136095	105.167193	1.437335	105.149891	
2010	2	1000	2.416666667		01/02/2010 10:00	143.35	2.01363	0.352	17.29	0.381	13.94	42.7133	105.10999	105.163573	1.433535	105.146091	
2010	2	1100	2.458333333		01/02/2010 11:00	143.1	2.01011	0.352	17.32	0.381	13.93	42.7211	105.1076088	105.161192	1.431035	105.143591	
2010	2	1200	2.500000000		01/02/2010 12:00	142.62	2.00337	0.352	17.3	0.381	13.92	42.7361	105.1030367	105.156620	1.426235	105.138791	
2010	2	1300	2.541666667		01/02/2010 13:00	142.21	1.99761	0.352	17.29	0.381	13.89	42.7489	105.0991315	105.152715	1.422135	105.134691	
2010	2	1400	2.583333333		01/02/2010 14:00	141.84	1.99241	0.352	17.29	0.381	13.89	42.7605	105.0956072	105.149190	1.418435	105.130991	
2010	2	1500	2.625000000		01/02/2010 15:00	141.45	1.98694	0.352	17.29	0.381	13.92	42.7727	105.0918924	105.145476	1.414535	105.127090	
2010	2	1600	2.666666667		01/02/2010 16:00	141.13	1.98244	0.352	17.3	0.381	13.75	42.7827	105.0888444	105.142428	1.411335	105.123890	
2010	2	1700	2.708333333		01/02/2010 17:00	140.73	1.97682	0.352	17.29	0.381	13.63	42.7952	105.0850344	105.138618	1.407335	105.119890	
2010	2	1800	2.750000000		01/02/2010 18:00	140.37	1.97177	0.352	17.28	0.381	13.55	42.8064	105.0816054	105.135189	1.403735	105.116290	
2010	2	1900	2.791666667		01/02/2010 19:00	140.02	1.96685	0.352	17.28	0.381	13.48	42.8174	105.0782716	105.131855	1.400235	105.112790	
2010	2	2000	2.833333333		01/02/2010 20:00	139.68	1.96207	0.352	17.27	0.381	13.42	42.8280	105.0750331	105.128616	1.396834	105.109390	
2010	2	2100	2.875000000		01/02/2010 21:00	139.32	1.95702	0.352	17.28	0.381	13.37	42.8392	105.0716041	105.125187	1.393234	105.105790	
2010	2	2200	2.916666667		01/02/2010 22:00	138.97	1.95210	0.352	17.27	0.381	13.32	42.8502	105.0682703	105.121854	1.389734	105.102290	
2010	2	2300	2.958333333		01/02/2010 23:00	138.63	1.94732	0.351	17.26	0.381	13.27	42.8608	105.0650318	105.118615	1.386334	105.098890	
2010	2	2400	3.000000000		01/03/2010 0:00	138.27	1.94227	0.352	17.24	0.381	13.22	42.8720	105.0616028	105.115186	1.382734	105.095290	
2010	3	100	3.041666667		01/03/2010 1:00	137.94	1.93763	0.351	17.25	0.381	13.17	42.8824	105.0584595	105.112043	1.379434	105.091990	
2010	3	200	3.083333333		01/03/2010 2:00	137.62	1.93314	0.351	17.23	0.381	13.13	42.8924	105.0554115	105.108995	1.376234	105.088790	
2010	3	300	3.125000000		01/03/2010 3:00	137.39	1.92991	0.351	17.23	0.381	13.09	42.8995	105.0532207	105.106804	1.373934	105.086489	
2010	3	400	3.166666667		01/03/2010 4:00	137.04	1.92499	0.351	17.23	0.381	13.04	42.9105	105.0498869	105.103470	1.370434	105.082989	
2010	3	500	3.208333333		01/03/2010 5:00	136.76	1.92106	0.351	17.23	0.381	13	42.9192	105.0472199	105.100803	1.367634	105.080189	
2010	3	600	3.250000000		01/03/2010 6:00	136.56	1.91825	0.351	17.23	0.381	12.96	42.9255	105.0453149	105.098898	1.365634	105.078189	
2010	3	700	3.291666667		01/03/2010 7:00	136.27	1.91417	0.351	17.23	0.381	12.92	42.9345	105.0425526	105.096136	1.362734	105.075289	
2010	3	800	3.333333333		01/03/2010 8:00	136.05	1.91108	0.351	17.23	0.381	12.88	42.9414	105.0404571	105.094040	1.360534	105.073089	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	3	900	3.375000000		01/03/2010 9:00	135.78	1.90729	0.351	17.22	0.381	13.84	42.9499	105.0378854	105.091469	1.357833	105.070389	
2010	3	1000	3.416666667		01/03/2010 10:00	135.51	1.90350	0.351	17.23	0.381	14.14	42.9583	105.0353136	105.088897	1.355133	105.067689	
2010	3	1100	3.458333333		01/03/2010 11:00	135.26	1.89999	0.351	17.22	0.38	14.11	42.9661	105.0329323	105.086516	1.352633	105.065189	
2010	3	1200	3.500000000		01/03/2010 12:00	135.02	1.89661	0.351	17.22	0.38	14.09	42.9736	105.0306463	105.084230	1.350233	105.062789	
2010	3	1300	3.541666667		01/03/2010 13:00	134.67	1.89170	0.351	17.21	0.38	14.07	42.9845	105.0273126	105.080896	1.346733	105.059289	
2010	3	1400	3.583333333		01/03/2010 14:00	134.4	1.88791	0.351	17.23	0.38	14.06	42.9930	105.0247408	105.078324	1.344033	105.056589	
2010	3	1500	3.625000000		01/03/2010 15:00	134.05	1.88299	0.351	17.2	0.38	13.96	43.0039	105.021407	105.074990	1.340533	105.053089	
2010	3	1600	3.666666667		01/03/2010 16:00	133.81	1.87962	0.351	17.2	0.38	13.79	43.0114	105.019121	105.072704	1.338133	105.050689	
2010	3	1700	3.708333333		01/03/2010 17:00	133.55	1.87597	0.35	17.23	0.38	13.67	43.0195	105.0166445	105.070228	1.335533	105.048089	
2010	3	1800	3.750000000		01/03/2010 18:00	133.24	1.87161	0.35	17.21	0.38	13.6	43.0292	105.0136917	105.067275	1.332433	105.044988	
2010	3	1900	3.791666667		01/03/2010 19:00	132.97	1.86782	0.351	17.22	0.38	13.53	43.0377	105.01112	105.064703	1.329733	105.042288	
2010	3	2000	3.833333333		01/03/2010 20:00	132.65	1.86332	0.35	17.22	0.38	13.47	43.0477	105.0080719	105.061655	1.326533	105.039088	
2010	3	2100	3.875000000		01/03/2010 21:00	132.34	1.85897	0.35	17.2	0.38	13.41	43.0574	105.0051192	105.058702	1.323433	105.035988	
2010	3	2200	3.916666667		01/03/2010 22:00	132.02	1.85447	0.35	17.21	0.38	13.36	43.0674	105.0020712	105.055654	1.320233	105.032788	
2010	3	2300	3.958333333		01/03/2010 23:00	131.7	1.84998	0.351	17.2	0.38	13.31	43.0774	104.9990231	105.052606	1.317032	105.029588	
2010	3	2400	4.000000000		01/04/2010 0:00	131.43	1.84619	0.351	17.2	0.38	13.25	43.0858	104.9964514	105.050035	1.314332	105.026888	
2010	4	100	4.041666667		01/04/2010 1:00	130.98	1.83987	0.351	17.2	0.38	13.21	43.0999	104.9921651	105.045748	1.309832	105.022388	
2010	4	200	4.083333333		01/04/2010 2:00	130.81	1.83748	0.351	17.2	0.381	13.17	43.1052	104.9905459	105.044129	1.308132	105.020688	
2010	4	300	4.125000000		01/04/2010 3:00	130.51	1.83326	0.351	17.21	0.381	13.11	43.1145	104.9876883	105.041272	1.305132	105.017688	
2010	4	400	4.166666667		01/04/2010 4:00	130.23	1.82933	0.352	17.21	0.381	13.07	43.1233	104.9850213	105.038605	1.302332	105.014888	
2010	4	500	4.208333333		01/04/2010 5:00	129.99	1.82596	0.352	17.21	0.382	13.04	43.1308	104.9827353	105.036319	1.299932	105.012488	
2010	4	600	4.250000000		01/04/2010 6:00	129.74	1.82245	0.352	17.22	0.382	12.99	43.1386	104.980354	105.033937	1.297432	105.009988	
2010	4	700	4.291666667		01/04/2010 7:00	129.53	1.81950	0.352	17.2	0.382	12.95	43.1452	104.9783538	105.031937	1.295332	105.007888	
2010	4	800	4.333333333		01/04/2010 8:00	129.39	1.81753	0.353	17.2	0.383	12.92	43.1495	104.9770203	105.030604	1.293932	105.006487	
2010	4	900	4.375000000		01/04/2010 9:00	129.18	1.81458	0.353	17.2	0.383	12.88	43.1561	104.97502	105.028603	1.291832	105.004387	
2010	4	1000	4.416666667		01/04/2010 10:00	129.08	1.81318	0.354	17.21	0.384	13.11	43.1592	104.9740675	105.027651	1.290832	105.003387	
2010	4	1100	4.458333333		01/04/2010 11:00	128.82	1.80952	0.354	17.21	0.384	13.82	43.1674	104.971591	105.025174	1.288232	105.000787	
2010	4	1200	4.500000000		01/04/2010 12:00	128.77	1.80882	0.355	17.21	0.384	13.77	43.1689	104.9711147	105.024698	1.287732	105.000287	
2010	4	1300	4.541666667		01/04/2010 13:00	128.5	1.80503	0.355	17.22	0.385	13.8	43.1774	104.968543	105.022126	1.285032	104.997587	
2010	4	1400	4.583333333		01/04/2010 14:00	128.33	1.80264	0.355	17.21	0.385	13.67	43.1827	104.9669237	105.020507	1.283332	104.995887	
2010	4	1500	4.625000000		01/04/2010 15:00	128.1	1.79941	0.355	17.21	0.385	13.59	43.1899	104.964733	105.018316	1.281032	104.993587	
2010	4	1600	4.666666667		01/04/2010 16:00	127.9	1.79660	0.355	17.22	0.385	13.51	43.1961	104.9628279	105.016411	1.279032	104.991587	
2010	4	1700	4.708333333		01/04/2010 17:00	127.82	1.79548	0.355	17.2	0.385	13.45	43.1986	104.9620659	105.015649	1.278232	104.990787	
2010	4	1800	4.750000000		01/04/2010 18:00	127.59	1.79225	0.355	17.22	0.385	13.4	43.2058	104.9598752	105.013458	1.275931	104.988487	
2010	4	1900	4.791666667		01/04/2010 19:00	127.46	1.79042	0.355	17.22	0.385	13.34	43.2099	104.9586369	105.012220	1.274631	104.987187	
2010	4	2000	4.833333333		01/04/2010 20:00	127.27	1.78775	0.355	17.18	0.385	13.29	43.2158	104.9568272	105.010410	1.272731	104.985287	
2010	4	2100	4.875000000		01/04/2010 21:00	127.14	1.78592	0.355	17.22	0.385	13.24	43.2199	104.9555889	105.009172	1.271431	104.983987	
2010	4	2200	4.916666667		01/04/2010 22:00	126.97	1.78354	0.355	17.2	0.385	13.19	43.2252	104.9539696	105.007553	1.269731	104.982287	
2010	4	2300	4.958333333		01/04/2010 23:00	126.69	1.77960	0.355	17.2	0.385	13.15	43.2339	104.9513026	105.004886	1.266931	104.979487	
2010	4	2400	5.000000000		01/05/2010 0:00	126.54	1.77750	0.355	17.21	0.385	13.1	43.2386	104.9498739	105.003457	1.265431	104.977987	
2010	5	100	5.041666667		01/05/2010 1:00	126.29	1.77399	0.355	17.21	0.385	13.06	43.2464	104.9474926	105.001076	1.262931	104.975487	
2010	5	200	5.083333333		01/05/2010 2:00	126.07	1.77089	0.355	17.2	0.385	13.01	43.2533	104.9453971	104.998980	1.260731	104.973287	
2010	5	300	5.125000000		01/05/2010 3:00	125.98	1.76963	0.355	17.22	0.385	12.97	43.2561	104.9445398	104.998123	1.259831	104.972387	
2010	5	400	5.166666667		01/05/2010 4:00	125.95	1.76921	0.355	17.2	0.385	12.93	43.2570	104.9442541	104.997837	1.259531	104.972087	
2010	5	500	5.208333333		01/05/2010 5:00	126.03	1.77033	0.355	17.22	0.384	12.89	43.2545	104.9450161	104.998599	1.260331	104.972887	
2010	5	600	5.250000000		01/05/2010 6:00	126.16	1.77216	0.355	17.2	0.385	12.86	43.2505	104.9462544	104.999838	1.261631	104.974187	
2010	5	700	5.291666667		01/05/2010 7:00	126.28	1.77384	0.354	17.2	0.385	12.84	43.2467	104.9473974	105.000981	1.262831	104.975387	
2010	5	800	5.333333333		01/05/2010 8:00	126.52	1.77722	0.355	17.21	0.385	12.81	43.2392	104.9496834	105.003267	1.265231	104.977787	
2010	5	900	5.375000000		01/05/2010 9:00	126.82	1.78143	0.355	17.21	0.385	12.81	43.2299	104.9525409	105.006124	1.268231	104.980787	
2010	5	1000	5.416666667		01/05/2010 10:00	127.1	1.78536	0.355	17.2	0.385	12.87	43.2211	104.9552079	105.008791	1.271031	104.983587	
2010	5	1100	5.458333333		01/05/2010 11:00	127.49	1.79084	0.355	17.19	0.385	13.88	43.2089	104.9589227	105.012506	1.274931	104.987487	
2010	5	1200	5.500000000		01/05/2010 12:00	127.75	1.79449	0.355	17.2	0.386	14.06	43.2008	104.9613992	105.014982	1.277532	104.990087	
2010	5	1300	5.541666667		01/05/2010 13:00	127.98	1.79772	0.356	17.2	0.386	14.05	43.1936	104.9635899	105.017173	1.279832	104.992387	
2010	5	1400	5.583333333		01/05/2010 14:00	128.2	1.80081	0.356	17.2	0.386	14.02	43.1867	104.9656855	105.019269	1.282032	104.994587	
2010	5	1500	5.625000000		01/05/2010 15:00	128.45	1.80433	0.356	17.21	0.386	14.01	43.1789	104.9680667	105.021650	1.284532	104.997087	
2010	5	1600	5.666666667		01/05/2010 16:00	128.68	1.80756	0.356	17.2	0.386	13.77	43.1717	104.9702575	105.023841	1.286832	104.999387	
2010	5	1700	5.708333333		01/05/2010 17:00	128.89	1.81051	0.356	17.21	0.386	13.66	43.1652	104.9722577	105.025841	1.288932	105.001487	
2010	5	1800	5.750000000		01/05/2010 18:00	129	1.81205	0.356	17.21	0.386	13.57	43.1617	104.9733055	105.026889	1.290032	105.002587	
2010	5	1900	5.791666667		01/05/2010 19:00	129.14	1.81402	0.356	17.23	0.386	13.5	43.1574	104.974639	105.028222	1.291432	105.003987	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	5	2000	5.833333333		01/05/2010 20:00	129.18	1.81458	0.355	17.2	0.386	13.44	43.1561	104.97502	105.028603	1.291832	105.004387	
2010	5	2100	5.875000000		01/05/2010 21:00	129.2	1.81486	0.355	17.21	0.385	13.38	43.1555	104.9752105	105.028794	1.292032	105.004587	
2010	5	2200	5.916666667		01/05/2010 22:00	129.17	1.81444	0.355	17.19	0.386	13.33	43.1564	104.9749248	105.028508	1.291732	105.004287	
2010	5	2300	5.958333333		01/05/2010 23:00	129.12	1.81374	0.355	17.2	0.385	13.28	43.1580	104.9744485	105.028032	1.291232	105.003787	
2010	5	2400	6.000000000		01/06/2010 0:00	128.95	1.81135	0.355	17.22	0.385	13.22	43.1633	104.9728293	105.026413	1.289532	105.002087	
2010	6	100	6.041666667		01/06/2010 1:00	128.81	1.80938	0.355	17.24	0.385	13.18	43.1677	104.9714957	105.025079	1.288132	105.000687	
2010	6	200	6.083333333		01/06/2010 2:00	128.67	1.80742	0.355	17.2	0.385	13.13	43.1720	104.9701622	105.023745	1.286732	104.999287	
2010	6	300	6.125000000		01/06/2010 3:00	128.63	1.80685	0.355	17.21	0.385	13.09	43.1733	104.9697812	105.023364	1.286332	104.998887	
2010	6	400	6.166666667		01/06/2010 4:00	128.71	1.80798	0.355	17.22	0.385	13.05	43.1708	104.9705432	105.024126	1.287132	104.999687	
2010	6	500	6.208333333		01/06/2010 5:00	129.03	1.81247	0.355	17.2	0.385	13	43.1608	104.9735913	105.027175	1.290332	105.002887	
2010	6	600	6.250000000		01/06/2010 6:00	129.01	1.81219	0.355	17.2	0.385	12.96	43.1614	104.9734008	105.026984	1.290132	105.002687	
2010	6	700	6.291666667		01/06/2010 7:00	129.13	1.81388	0.355	17.22	0.385	12.93	43.1577	104.9745438	105.028127	1.291332	105.003887	
2010	6	800	6.333333333		01/06/2010 8:00	129.24	1.81542	0.354	17.22	0.384	13.25	43.1542	104.9755915	105.029175	1.292432	105.004987	
2010	6	900	6.375000000		01/06/2010 9:00	129.33	1.81669	0.355	17.21	0.384	14.09	43.1514	104.9764488	105.030032	1.293332	105.005887	
2010	6	1000	6.416666667		01/06/2010 10:00	129.47	1.81865	0.355	17.21	0.385	14.06	43.1470	104.9777823	105.031366	1.294732	105.007288	
2010	6	1100	6.458333333		01/06/2010 11:00	129.44	1.81823	0.354	17.22	0.384	14.03	43.1480	104.9774965	105.031080	1.294432	105.006987	
2010	6	1200	6.500000000		01/06/2010 12:00	129.62	1.82076	0.354	17.21	0.384	14.02	43.1424	104.979211	105.032794	1.296232	105.008788	
2010	6	1300	6.541666667		01/06/2010 13:00	129.67	1.82146	0.354	17.21	0.384	14.03	43.1408	104.9796873	105.033271	1.296732	105.009288	
2010	6	1400	6.583333333		01/06/2010 14:00	129.69	1.82174	0.354	17.2	0.384	14	43.1402	104.9798778	105.033461	1.296932	105.009488	
2010	6	1500	6.625000000		01/06/2010 15:00	129.61	1.82062	0.354	17.2	0.384	14.02	43.1427	104.9791158	105.032699	1.296132	105.008688	
2010	6	1600	6.666666667		01/06/2010 16:00	129.56	1.81992	0.354	17.2	0.384	13.83	43.1442	104.9786395	105.032223	1.295632	105.008188	
2010	6	1700	6.708333333		01/06/2010 17:00	129.57	1.82006	0.354	17.21	0.384	13.71	43.1439	104.9787348	105.032318	1.295732	105.008288	
2010	6	1800	6.750000000		01/06/2010 18:00	129.61	1.82062	0.354	17.2	0.384	13.63	43.1427	104.9791158	105.032699	1.296132	105.008688	
2010	6	1900	6.791666667		01/06/2010 19:00	129.69	1.82174	0.354	17.21	0.384	13.56	43.1402	104.9798778	105.033461	1.296932	105.009488	
2010	6	2000	6.833333333		01/06/2010 20:00	129.83	1.82371	0.354	17.21	0.384	13.5	43.1358	104.9812113	105.034795	1.298332	105.010888	
2010	6	2100	6.875000000		01/06/2010 21:00	129.89	1.82455	0.354	17.22	0.384	13.44	43.1339	104.9817828	105.035366	1.298932	105.011488	
2010	6	2200	6.916666667		01/06/2010 22:00	130.15	1.82821	0.354	17.24	0.384	13.39	43.1258	104.9842593	105.037843	1.301532	105.014088	
2010	6	2300	6.958333333		01/06/2010 23:00	130.29	1.83017	0.354	17.18	0.384	13.33	43.1214	104.9855928	105.039176	1.302932	105.015488	
2010	6	2400	7.000000000		01/07/2010 0:00	130.56	1.83397	0.354	17.23	0.384	13.29	43.1130	104.9881646	105.041748	1.305632	105.018188	
2010	7	100	7.041666667		01/07/2010 1:00	130.82	1.83762	0.354	17.23	0.384	13.24	43.1049	104.9906411	105.044224	1.308232	105.020788	
2010	7	200	7.083333333		01/07/2010 2:00	131.03	1.84057	0.354	17.24	0.383	13.19	43.0983	104.9926414	105.046225	1.310332	105.022888	
2010	7	300	7.125000000		01/07/2010 3:00	131.34	1.84492	0.353	17.23	0.383	13.15	43.0886	104.9955941	105.049177	1.313432	105.025988	
2010	7	400	7.166666667		01/07/2010 4:00	131.6	1.84857	0.353	17.17	0.383	13.1	43.0805	104.9980706	105.051654	1.316032	105.028588	
2010	7	500	7.208333333		01/07/2010 5:00	131.79	1.85124	0.353	17.22	0.383	13.06	43.0745	104.9998804	105.053464	1.317933	105.030488	
2010	7	600	7.250000000		01/07/2010 6:00	131.94	1.85335	0.353	17.2	0.383	13.02	43.0699	105.0013092	105.054892	1.319433	105.031988	
2010	7	700	7.291666667		01/07/2010 7:00	132.12	1.85588	0.353	17.2	0.383	12.98	43.0642	105.0030237	105.056607	1.321233	105.033788	
2010	7	800	7.333333333		01/07/2010 8:00	132.13	1.85602	0.353	17.23	0.383	12.94	43.0639	105.0031189	105.056702	1.321333	105.033888	
2010	7	900	7.375000000		01/07/2010 9:00	132.28	1.85813	0.353	17.23	0.383	13.17	43.0592	105.0045477	105.058131	1.322833	105.035388	
2010	7	1000	7.416666667		01/07/2010 10:00	132.27	1.85799	0.353	17.19	0.383	13.77	43.0595	105.0044524	105.058036	1.322733	105.035288	
2010	7	1100	7.458333333		01/07/2010 11:00	132.46	1.86065	0.353	17.21	0.383	14.18	43.0536	105.0062622	105.059845	1.324633	105.037188	
2010	7	1200	7.500000000		01/07/2010 12:00	132.53	1.86164	0.353	17.21	0.383	14.17	43.0514	105.0069289	105.060512	1.325333	105.037888	
2010	7	1300	7.541666667		01/07/2010 13:00	132.71	1.86417	0.353	17.21	0.383	14.15	43.0458	105.0086435	105.062227	1.327133	105.039688	
2010	7	1400	7.583333333		01/07/2010 14:00	132.89	1.86669	0.353	17.21	0.383	14.15	43.0402	105.010358	105.063941	1.328933	105.041488	
2010	7	1500	7.625000000		01/07/2010 15:00	133.01	1.86838	0.353	17.21	0.382	14.14	43.0364	105.011501	105.065084	1.330133	105.042688	
2010	7	1600	7.666666667		01/07/2010 16:00	133.22	1.87133	0.353	17.21	0.383	13.95	43.0299	105.0135012	105.067084	1.332233	105.044788	
2010	7	1700	7.708333333		01/07/2010 17:00	133.29	1.87231	0.353	17.2	0.382	13.82	43.0277	105.014168	105.067751	1.332933	105.045488	
2010	7	1800	7.750000000		01/07/2010 18:00	133.53	1.87568	0.353	17.2	0.382	13.71	43.0202	105.016454	105.070037	1.335333	105.047889	
2010	7	1900	7.791666667		01/07/2010 19:00	133.35	1.87316	0.353	17.21	0.382	13.63	43.0258	105.0147395	105.068323	1.333533	105.046088	
2010	7	2000	7.833333333		01/07/2010 20:00	133.28	1.87217	0.352	17.2	0.382	13.57	43.0280	105.0140727	105.067656	1.332833	105.045388	
2010	7	2100	7.875000000		01/07/2010 21:00	133.25	1.87175	0.352	17.2	0.382	13.51	43.0289	105.013787	105.067370	1.332533	105.045088	
2010	7	2200	7.916666667		01/07/2010 22:00	133.1	1.86964	0.353	17.21	0.382	13.46	43.0336	105.0123582	105.065941	1.331033	105.043588	
2010	7	2300	7.958333333		01/07/2010 23:00	132.91	1.86698	0.353	17.21	0.382	13.4	43.0395	105.0105485	105.064132	1.329133	105.041688	
2010	7	2400	8.000000000		01/08/2010 0:00	132.75	1.86473	0.352	17.21	0.382	13.34	43.0445	105.0090245	105.062608	1.327533	105.040088	
2010	8	100	8.041666667		01/08/2010 1:00	132.64	1.86318	0.352	17.2	0.382	13.29	43.0480	105.0079767	105.061560	1.326433	105.038988	
2010	8	200	8.083333333		01/08/2010 2:00	132.6	1.86262	0.352	17.2	0.382	13.25	43.0492	105.0075957	105.061179	1.326033	105.038588	
2010	8	300	8.125000000		01/08/2010 3:00	132.75	1.86473	0.352	17.22	0.382	13.21	43.0445	105.0090245	105.062608	1.327533	105.040088	
2010	8	400	8.166666667		01/08/2010 4:00	132.92	1.86712	0.352	17.22	0.382	13.16	43.0392	105.0106437	105.064227	1.329233	105.041788	
2010	8	500	8.208333333		01/08/2010 5:00	133.1	1.86964	0.352	17.21	0.382	13.11	43.0336	105.0123582	105.065941	1.331033	105.043588	
2010	8	600	8.250000000		01/08/2010 6:00	133.29	1.87231	0.352	17.21	0.382	13.07	43.0277	105.014168	105.067751	1.332933	105.045488	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	8	700	8.291666667		01/08/2010 7:00	133.63	1.87709	0.352	17.2	0.382	13.03	43.0170	105.0174065	105.070990	1.336333	105.048889	
2010	8	800	8.333333333		01/08/2010 8:00	133.82	1.87976	0.352	17.22	0.382	13.01	43.0111	105.0192163	105.072800	1.338233	105.050789	
2010	8	900	8.375000000		01/08/2010 9:00	134.08	1.88341	0.352	17.19	0.382	14.19	43.0030	105.0216928	105.075276	1.340833	105.053389	
2010	8	1000	8.416666667		01/08/2010 10:00	134.42	1.88819	0.352	17.2	0.382	14.14	42.9924	105.0249313	105.078515	1.344233	105.056789	
2010	8	1100	8.458333333		01/08/2010 11:00	134.74	1.89268	0.352	17.21	0.382	14.11	42.9824	105.0279793	105.081563	1.347433	105.059989	
2010	8	1200	8.500000000		01/08/2010 12:00	134.89	1.89479	0.352	17.21	0.382	14.1	42.9777	105.0294081	105.082991	1.348933	105.061489	
2010	8	1300	8.541666667		01/08/2010 13:00	135.07	1.89732	0.352	17.2	0.382	14.09	42.9720	105.0311226	105.084706	1.350733	105.063289	
2010	8	1400	8.583333333		01/08/2010 14:00	135.14	1.89830	0.352	17.21	0.382	14.08	42.9699	105.0317893	105.085373	1.351433	105.063989	
2010	8	1500	8.625000000		01/08/2010 15:00	135.2	1.89914	0.352	17.22	0.381	14.08	42.9680	105.0323608	105.085944	1.352033	105.064589	
2010	8	1600	8.666666667		01/08/2010 16:00	135.22	1.89942	0.352	17.22	0.381	13.9	42.9674	105.0325513	105.086135	1.352233	105.064789	
2010	8	1700	8.708333333		01/08/2010 17:00	135.19	1.89900	0.352	17.22	0.381	13.77	42.9683	105.0322656	105.085849	1.351933	105.064489	
2010	8	1800	8.750000000		01/08/2010 18:00	135.08	1.89746	0.352	17.22	0.381	13.68	42.9717	105.0312178	105.084801	1.350833	105.063389	
2010	8	1900	8.791666667		01/08/2010 19:00	134.91	1.89507	0.351	17.21	0.381	13.61	42.9770	105.0295986	105.083182	1.349133	105.061689	
2010	8	2000	8.833333333		01/08/2010 20:00	134.83	1.89395	0.352	17.22	0.381	13.54	42.9795	105.0288366	105.082420	1.348333	105.060889	
2010	8	2100	8.875000000		01/08/2010 21:00	134.71	1.89226	0.352	17.21	0.381	13.48	42.9833	105.0276936	105.081277	1.347133	105.059689	
2010	8	2200	8.916666667		01/08/2010 22:00	134.6	1.89071	0.351	17.23	0.381	13.42	42.9867	105.0266458	105.080229	1.346033	105.058589	
2010	8	2300	8.958333333		01/08/2010 23:00	134.64	1.89128	0.351	17.22	0.381	13.38	42.9855	105.0270268	105.080610	1.346433	105.058989	
2010	8	2400	9.000000000		01/09/2010 0:00	134.78	1.89324	0.351	17.22	0.381	13.32	42.9811	105.0283603	105.081944	1.347833	105.060389	
2010	9	100	9.041666667		01/09/2010 1:00	134.93	1.89535	0.352	17.22	0.381	13.28	42.9764	105.0297891	105.083372	1.349333	105.061889	
2010	9	200	9.083333333		01/09/2010 2:00	135.14	1.89830	0.351	17.23	0.381	13.22	42.9699	105.0317893	105.085373	1.351433	105.063989	
2010	9	300	9.125000000		01/09/2010 3:00	135.44	1.90251	0.351	17.22	0.381	13.17	42.9605	105.0346468	105.088230	1.354433	105.066989	
2010	9	400	9.166666667		01/09/2010 4:00	135.79	1.90743	0.351	17.22	0.381	13.13	42.9495	105.0379806	105.091564	1.357933	105.070489	
2010	9	500	9.208333333		01/09/2010 5:00	135.96	1.90982	0.351	17.22	0.381	13.09	42.9442	105.0395999	105.093183	1.359634	105.072189	
2010	9	600	9.250000000		01/09/2010 6:00	136.25	1.91389	0.351	17.22	0.381	13.05	42.9352	105.0423621	105.095945	1.362534	105.075089	
2010	9	700	9.291666667		01/09/2010 7:00	136.52	1.91769	0.351	17.22	0.381	13	42.9267	105.0449339	105.098517	1.365234	105.077789	
2010	9	800	9.333333333		01/09/2010 8:00	136.65	1.91951	0.351	17.21	0.381	12.96	42.9227	105.0461722	105.099755	1.366534	105.079089	
2010	9	900	9.375000000		01/09/2010 9:00	136.82	1.92190	0.351	17.22	0.381	13.13	42.9174	105.0477914	105.101375	1.368234	105.080789	
2010	9	1000	9.416666667		01/09/2010 10:00	136.83	1.92204	0.351	17.21	0.381	14.11	42.9170	105.0478867	105.101470	1.368334	105.080889	
2010	9	1100	9.458333333		01/09/2010 11:00	136.87	1.92260	0.351	17.22	0.381	14.11	42.9158	105.0482677	105.101851	1.368734	105.081289	
2010	9	1200	9.500000000		01/09/2010 12:00	136.78	1.92134	0.351	17.21	0.381	14.09	42.9186	105.0474104	105.100994	1.367834	105.080389	
2010	9	1300	9.541666667		01/09/2010 13:00	136.67	1.91979	0.351	17.21	0.381	14.07	42.9220	105.0463627	105.099946	1.366734	105.079289	
2010	9	1400	9.583333333		01/09/2010 14:00	136.43	1.91642	0.351	17.2	0.381	14.06	42.9295	105.0440767	105.097660	1.364334	105.076889	
2010	9	1500	9.625000000		01/09/2010 15:00	136.31	1.91474	0.351	17.23	0.381	14.06	42.9333	105.0429336	105.096517	1.363134	105.075689	
2010	9	1600	9.666666667		01/09/2010 16:00	136.1	1.91179	0.351	17.19	0.381	13.84	42.9399	105.0409334	105.094517	1.361034	105.073589	
2010	9	1700	9.708333333		01/09/2010 17:00	135.87	1.90855	0.351	17.21	0.381	13.72	42.9470	105.0387426	105.092326	1.358734	105.071289	
2010	9	1800	9.750000000		01/09/2010 18:00	135.55	1.90406	0.351	17.2	0.381	13.63	42.9570	105.0356946	105.089278	1.355533	105.068089	
2010	9	1900	9.791666667		01/09/2010 19:00	135.26	1.89999	0.351	17.22	0.38	13.56	42.9661	105.0329323	105.086516	1.352633	105.065189	
2010	9	2000	9.833333333		01/09/2010 20:00	134.95	1.89563	0.351	17.22	0.38	13.5	42.9758	105.0299796	105.083563	1.349533	105.062089	
2010	9	2100	9.875000000		01/09/2010 21:00	134.6	1.89071	0.351	17.21	0.381	13.44	42.9867	105.0266458	105.080229	1.346033	105.058589	
2010	9	2200	9.916666667		01/09/2010 22:00	134.25	1.88580	0.351	17.21	0.381	13.39	42.9977	105.023312	105.076895	1.342533	105.055089	
2010	9	2300	9.958333333		01/09/2010 23:00	133.94	1.88144	0.351	17.21	0.381	13.33	43.0074	105.0203593	105.073943	1.339433	105.051989	
2010	9	2400	10.000000000		01/10/2010 0:00	133.56	1.87611	0.351	17.21	0.38	13.29	43.0192	105.0167397	105.070323	1.335633	105.048189	
2010	10	100	10.041666667		01/10/2010 1:00	133.18	1.87077	0.351	17.22	0.38	13.24	43.0311	105.0131202	105.066703	1.331833	105.044388	
2010	10	200	10.083333333		01/10/2010 2:00	132.75	1.86473	0.351	17.22	0.38	13.19	43.0445	105.0090245	105.062608	1.327533	105.040088	
2010	10	300	10.125000000		01/10/2010 3:00	132.37	1.85939	0.351	17.21	0.38	13.15	43.0564	105.0054049	105.058988	1.323733	105.036288	
2010	10	400	10.166666667		01/10/2010 4:00	132.03	1.85461	0.351	17.22	0.38	13.11	43.0670	105.0021664	105.055750	1.320333	105.032888	
2010	10	500	10.208333333		01/10/2010 5:00	131.59	1.84843	0.351	17.2	0.381	13.06	43.0808	104.9979754	105.051559	1.315932	105.028488	
2010	10	600	10.250000000		01/10/2010 6:00	131.23	1.84338	0.351	17.22	0.38	13.02	43.0920	104.9945464	105.048130	1.312332	105.024888	
2010	10	700	10.291666667		01/10/2010 7:00	130.9	1.83874	0.351	17.21	0.38	12.98	43.1024	104.9914031	105.044986	1.309032	105.021588	
2010	10	800	10.333333333		01/10/2010 8:00	130.58	1.83425	0.351	17.21	0.38	12.94	43.1124	104.9883551	105.041938	1.305832	105.018388	
2010	10	900	10.375000000		01/10/2010 9:00	130.25	1.82961	0.351	17.22	0.38	12.9	43.1227	104.9852118	105.038795	1.302532	105.015088	
2010	10	1000	10.416666667		01/10/2010 10:00	130.02	1.82638	0.351	17.22	0.38	13.27	43.1299	104.9830211	105.036604	1.300232	105.012788	
2010	10	1100	10.458333333		01/10/2010 11:00	129.66	1.82132	0.351	17.2	0.38	14.06	43.1411	104.979592	105.033175	1.296632	105.009188	
2010	10	1200	10.500000000		01/10/2010 12:00	129.37	1.81725	0.351	17.21	0.38	14.07	43.1502	104.9768298	105.030413	1.293732	105.006287	
2010	10	1300	10.541666667		01/10/2010 13:00	129.3	1.81627	0.351	17.2	0.38	14.07	43.1524	104.976163	105.029746	1.293032	105.005587	
2010	10	1400	10.583333333		01/10/2010 14:00	129.01	1.81219	0.351	17.2	0.38	14.04	43.1614	104.9734008	105.026984	1.290132	105.002687	
2010	10	1500	10.625000000		01/10/2010 15:00	128.73	1.80826	0.351	17.19	0.38	13.96	43.1702	104.9707337	105.024317	1.287332	104.999887	
2010	10	1600	10.666666667		01/10/2010 16:00	128.48	1.80475	0.351	17.21	0.38	13.78	43.1780	104.9683525	105.021936	1.284832	104.997387	
2010	10	1700	10.708333333		01/10/2010 17:00	128.22	1.80110	0.351	17.23	0.38	13.67	43.1861	104.965876	105.019459	1.282232	104.994787	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	10	1800	10.750000000		01/10/2010 18:00	128.03	1.79843	0.351	17.22	0.38	13.6	43.1920	104.9640662	105.017649	1.280332	104.992887	
2010	10	1900	10.791666667		01/10/2010 19:00	127.7	1.79379	0.351	17.21	0.381	13.53	43.2024	104.9609229	105.014506	1.277031	104.989587	
2010	10	2000	10.833333333		01/10/2010 20:00	127.58	1.79211	0.351	17.2	0.381	13.47	43.2061	104.9597799	105.013363	1.275831	104.988387	
2010	10	2100	10.875000000		01/10/2010 21:00	127.36	1.78902	0.351	17.21	0.381	13.41	43.2130	104.9576844	105.011268	1.273631	104.986187	
2010	10	2200	10.916666667		01/10/2010 22:00	127.07	1.78494	0.351	17.22	0.38	13.36	43.2220	104.9549222	105.008505	1.270731	104.983287	
2010	10	2300	10.958333333		01/10/2010 23:00	126.89	1.78241	0.351	17.21	0.381	13.31	43.2277	104.9532076	105.006791	1.268931	104.981487	
2010	10	2400	11.000000000		01/11/2010 0:00	126.69	1.77960	0.351	17.21	0.381	13.26	43.2339	104.9513026	105.004886	1.266931	104.979487	
2010	11	100	11.041666667		01/11/2010 1:00	126.63	1.77876	0.351	17.21	0.381	13.21	43.2358	104.9507311	105.004314	1.266331	104.978887	
2010	11	200	11.083333333		01/11/2010 2:00	126.39	1.77539	0.351	17.21	0.38	13.16	43.2433	104.9484451	105.002028	1.263931	104.976487	
2010	11	300	11.125000000		01/11/2010 3:00	126.48	1.77665	0.351	17.21	0.381	13.12	43.2405	104.9493024	105.002886	1.264831	104.977387	
2010	11	400	11.166666667		01/11/2010 4:00	126.44	1.77609	0.351	17.22	0.38	13.07	43.2417	104.9489214	105.002505	1.264431	104.976987	
2010	11	500	11.208333333		01/11/2010 5:00	126.66	1.77918	0.351	17.21	0.38	13.03	43.2349	104.9510169	105.004600	1.266631	104.979187	
2010	11	600	11.250000000		01/11/2010 6:00	126.91	1.78269	0.351	17.22	0.38	12.99	43.2270	104.9533981	105.006981	1.269131	104.981687	
2010	11	700	11.291666667		01/11/2010 7:00	127.14	1.78592	0.351	17.22	0.381	12.95	43.2199	104.9555889	105.009172	1.271431	104.983987	
2010	11	800	11.333333333		01/11/2010 8:00	126.81	1.78129	0.351	17.21	0.381	12.91	43.2302	104.9524456	105.006029	1.268131	104.980687	
2010	11	900	11.375000000		01/11/2010 9:00	127.13	1.78578	0.351	17.21	0.38	12.99	43.2202	104.9554937	105.009077	1.271331	104.983887	
2010	11	1000	11.416666667		01/11/2010 10:00	126.95	1.78326	0.351	17.22	0.38	13.87	43.2258	104.9537791	105.007362	1.269531	104.982087	
2010	11	1100	11.458333333		01/11/2010 11:00	127.08	1.78508	0.351	17.23	0.38	14.08	43.2217	104.9550174	105.008601	1.270831	104.983387	
2010	11	1200	11.500000000		01/11/2010 12:00	126.98	1.78368	0.351	17.23	0.38	14.05	43.2249	104.9540649	105.007648	1.269831	104.982387	
2010	11	1300	11.541666667		01/11/2010 13:00	126.45	1.77623	0.351	17.23	0.38	14.04	43.2414	104.9490166	105.002600	1.264531	104.977087	
2010	11	1400	11.583333333		01/11/2010 14:00	126.56	1.77778	0.351	17.21	0.38	14.03	43.2380	104.9500644	105.003648	1.265631	104.978187	
2010	11	1500	11.625000000		01/11/2010 15:00	126.44	1.77609	0.351	17.19	0.38	14.03	43.2417	104.9489214	105.002505	1.264431	104.976987	
2010	11	1600	11.666666667		01/11/2010 16:00	126.64	1.77890	0.35	17.21	0.38	13.82	43.2355	104.9508264	105.004410	1.266431	104.978987	
2010	11	1700	11.708333333		01/11/2010 17:00	126.66	1.77918	0.351	17.24	0.38	13.69	43.2349	104.9510169	105.004600	1.266631	104.979187	
2010	11	1800	11.750000000		01/11/2010 18:00	126.56	1.77778	0.351	17.22	0.38	13.6	43.2380	104.9500644	105.003648	1.265631	104.978187	
2010	11	1900	11.791666667		01/11/2010 19:00	126.67	1.77932	0.351	17.22	0.38	13.53	43.2345	104.9511121	105.004695	1.266731	104.979287	
2010	11	2000	11.833333333		01/11/2010 20:00	127	1.78396	0.351	17.2	0.38	13.47	43.2242	104.9542554	105.007839	1.270031	104.982587	
2010	11	2100	11.875000000		01/11/2010 21:00	127.05	1.78466	0.351	17.23	0.38	13.41	43.2227	104.9547316	105.008315	1.270531	104.983087	
2010	11	2200	11.916666667		01/11/2010 22:00	127.13	1.78578	0.35	17.23	0.38	13.36	43.2202	104.9554937	105.009077	1.271331	104.983887	
2010	11	2300	11.958333333		01/11/2010 23:00	127.45	1.79028	0.35	17.22	0.38	13.31	43.2102	104.9585417	105.012125	1.274531	104.987087	
2010	11	2400	12.000000000		01/12/2010 0:00	127.65	1.79309	0.35	17.23	0.38	13.26	43.2039	104.9604467	105.014030	1.276531	104.989087	
2010	12	100	12.041666667		01/12/2010 1:00	127.79	1.79506	0.35	17.22	0.38	13.21	43.1995	104.9617802	105.015363	1.277932	104.990487	
2010	12	200	12.083333333		01/12/2010 2:00	128.03	1.79843	0.35	17.2	0.38	13.17	43.1920	104.9640662	105.017649	1.280332	104.992887	
2010	12	300	12.125000000		01/12/2010 3:00	128.45	1.80433	0.35	17.23	0.38	13.11	43.1789	104.9680667	105.021650	1.284532	104.997087	
2010	12	400	12.166666667		01/12/2010 4:00	128.86	1.81009	0.35	17.23	0.38	13.08	43.1661	104.971972	105.025555	1.288632	105.001187	
2010	12	500	12.208333333		01/12/2010 5:00	129.09	1.81332	0.35	17.22	0.379	13.03	43.1589	104.9741628	105.027746	1.290932	105.003487	
2010	12	600	12.250000000		01/12/2010 6:00	129.09	1.81332	0.35	17.23	0.379	12.99	43.1589	104.9741628	105.027746	1.290932	105.003487	
2010	12	700	12.291666667		01/12/2010 7:00	129.73	1.82231	0.35	17.21	0.379	12.95	43.1389	104.9802588	105.033842	1.297332	105.009888	
2010	12	800	12.333333333		01/12/2010 8:00	130.11	1.82764	0.35	17.22	0.379	12.92	43.1270	104.9838783	105.037462	1.301132	105.013688	
2010	12	900	12.375000000		01/12/2010 9:00	130.2	1.82891	0.35	17.22	0.379	13.01	43.1242	104.9847356	105.038319	1.302032	105.014588	
2010	12	1000	12.416666667		01/12/2010 10:00	130.56	1.83397	0.35	17.22	0.379	14.05	43.1130	104.9881646	105.041748	1.305632	105.018188	
2010	12	1100	12.458333333		01/12/2010 11:00	130.66	1.83537	0.35	17.22	0.379	14.04	43.1099	104.9891171	105.042700	1.306632	105.019188	
2010	12	1200	12.500000000		01/12/2010 12:00	130.71	1.83607	0.35	17.21	0.379	14	43.1083	104.9895933	105.043177	1.307132	105.019688	
2010	12	1300	12.541666667		01/12/2010 13:00	130.78	1.83706	0.35	17.21	0.379	13.96	43.1061	104.9902601	105.043843	1.307832	105.020388	
2010	12	1400	12.583333333		01/12/2010 14:00	130.75	1.83663	0.35	17.2	0.379	13.94	43.1070	104.9899743	105.043558	1.307532	105.020088	
2010	12	1500	12.625000000		01/12/2010 15:00	130.73	1.83635	0.35	17.21	0.379	13.95	43.1077	104.9897838	105.043367	1.307332	105.019888	
2010	12	1600	12.666666667		01/12/2010 16:00	130.66	1.83537	0.349	17.24	0.379	13.78	43.1099	104.9891171	105.042700	1.306632	105.019188	
2010	12	1700	12.708333333		01/12/2010 17:00	130.79	1.83720	0.349	17.25	0.379	13.65	43.1058	104.9903553	105.043939	1.307932	105.020488	
2010	12	1800	12.750000000		01/12/2010 18:00	130.86	1.83818	0.349	17.24	0.379	13.57	43.1036	104.9910221	105.044605	1.308632	105.021188	
2010	12	1900	12.791666667		01/12/2010 19:00	130.96	1.83958	0.349	17.24	0.379	13.49	43.1005	104.9919746	105.045558	1.309632	105.022188	
2010	12	2000	12.833333333		01/12/2010 20:00	131.18	1.84267	0.349	17.21	0.379	13.43	43.0936	104.9940701	105.047653	1.311832	105.024388	
2010	12	2100	12.875000000		01/12/2010 21:00	131.46	1.84661	0.349	17.22	0.379	13.38	43.0849	104.9967371	105.050320	1.314632	105.027188	
2010	12	2200	12.916666667		01/12/2010 22:00	131.57	1.84815	0.349	17.23	0.379	13.32	43.0814	104.9977849	105.051368	1.315732	105.028288	
2010	12	2300	12.958333333		01/12/2010 23:00	131.85	1.85209	0.349	17.22	0.379	13.28	43.0727	105.0004519	105.054035	1.318533	105.031088	
2010	12	2400	13.000000000		01/13/2010 0:00	132.16	1.85644	0.349	17.21	0.379	13.23	43.0630	105.0034047	105.056988	1.321633	105.034188	
2010	13	100	13.041666667		01/13/2010 1:00	132.39	1.85967	0.349	17.23	0.378	13.18	43.0558	105.0055954	105.059179	1.323933	105.036488	
2010	13	200	13.083333333		01/13/2010 2:00	132.7	1.86403	0.349	17.2	0.379	13.13	43.0461	105.0085482	105.062131	1.327033	105.039588	
2010	13	300	13.125000000		01/13/2010 3:00	133.14	1.87021	0.349	17.22	0.379	13.09	43.0324	105.0127392	105.066322	1.331433	105.043988	
2010	13	400	13.166666667		01/13/2010 4:00	133.25	1.87175	0.349	17.22	0.379	13.05	43.0289	105.013787	105.067370	1.332533	105.045088	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	13	500	13.208333333		01/13/2010 5:00	133.88	1.88060	0.349	17.22	0.379	13.01	43.0092	105.0197878	105.073371	1.338833	105.051389	
2010	13	600	13.250000000		01/13/2010 6:00	134.19	1.88496	0.349	17.2	0.379	12.96	42.9995	105.0227405	105.076324	1.341933	105.054489	
2010	13	700	13.291666667		01/13/2010 7:00	134.5	1.88931	0.349	17.19	0.378	12.94	42.9899	105.0256933	105.079277	1.345033	105.057589	
2010	13	800	13.333333333		01/13/2010 8:00	134.72	1.89240	0.349	17.24	0.378	12.9	42.9830	105.0277888	105.081372	1.347233	105.059789	
2010	13	900	13.375000000		01/13/2010 9:00	134.79	1.89338	0.349	17.23	0.378	12.87	42.9808	105.0284556	105.082039	1.347933	105.060489	
2010	13	1000	13.416666667		01/13/2010 10:00	134.92	1.89521	0.349	17.2	0.378	13.99	42.9767	105.0296938	105.083277	1.349233	105.061789	
2010	13	1100	13.458333333		01/13/2010 11:00	134.96	1.89577	0.349	17.21	0.378	14.01	42.9755	105.0300748	105.083658	1.349633	105.062189	
2010	13	1200	13.500000000		01/13/2010 12:00	134.87	1.89451	0.349	17.22	0.378	14.01	42.9783	105.0292176	105.082801	1.348733	105.061289	
2010	13	1300	13.541666667		01/13/2010 13:00	134.73	1.89254	0.349	17.21	0.378	13.99	42.9827	105.0278841	105.081467	1.347333	105.059889	
2010	13	1400	13.583333333		01/13/2010 14:00	134.69	1.89198	0.349	17.24	0.378	13.96	42.9839	105.0275031	105.081086	1.346933	105.059489	
2010	13	1500	13.625000000		01/13/2010 15:00	134.56	1.89015	0.349	17.21	0.378	13.96	42.9880	105.0262648	105.079848	1.345633	105.058189	
2010	13	1600	13.666666667		01/13/2010 16:00	134.55	1.89001	0.349	17.21	0.378	13.85	42.9883	105.0261696	105.079753	1.345533	105.058089	
2010	13	1700	13.708333333		01/13/2010 17:00	134.5	1.88931	0.349	17.2	0.378	13.69	42.9899	105.0256933	105.079277	1.345033	105.057589	
2010	13	1800	13.750000000		01/13/2010 18:00	134.46	1.88875	0.349	17.2	0.378	13.59	42.9911	105.0253123	105.078896	1.344633	105.057189	
2010	13	1900	13.791666667		01/13/2010 19:00	134.33	1.88692	0.349	17.21	0.378	13.51	42.9952	105.024074	105.077657	1.343333	105.055889	
2010	13	2000	13.833333333		01/13/2010 20:00	134.58	1.89043	0.349	17.22	0.378	13.44	42.9874	105.0264553	105.080039	1.345833	105.058389	
2010	13	2100	13.875000000		01/13/2010 21:00	134.67	1.89170	0.349	17.22	0.378	13.37	42.9845	105.0273126	105.080896	1.346733	105.059289	
2010	13	2200	13.916666667		01/13/2010 22:00	134.57	1.89029	0.349	17.23	0.378	13.32	42.9877	105.0263601	105.079943	1.345733	105.058289	
2010	13	2300	13.958333333		01/13/2010 23:00	134.79	1.89338	0.349	17.23	0.378	13.26	42.9808	105.0284556	105.082039	1.347933	105.060489	
2010	13	2400	14.000000000		01/14/2010 0:00	134.81	1.89366	0.349	17.23	0.378	13.2	42.9802	105.0286461	105.082229	1.348133	105.060689	
2010	14	100	14.041666667		01/14/2010 1:00	134.91	1.89507	0.349	17.21	0.378	13.16	42.9770	105.0295986	105.083182	1.349133	105.061689	
2010	14	200	14.083333333		01/14/2010 2:00	134.93	1.89535	0.349	17.2	0.378	13.11	42.9764	105.0297891	105.083372	1.349333	105.061889	
2010	14	300	14.125000000		01/14/2010 3:00	135.15	1.89844	0.349	17.23	0.378	13.06	42.9695	105.0318846	105.085468	1.351533	105.064089	
2010	14	400	14.166666667		01/14/2010 4:00	135.26	1.89999	0.349	17.21	0.378	13.03	42.9661	105.0329323	105.086516	1.352633	105.065189	
2010	14	500	14.208333333		01/14/2010 5:00	135.31	1.90069	0.349	17.24	0.378	12.99	42.9645	105.0334086	105.086992	1.353133	105.065689	
2010	14	600	14.250000000		01/14/2010 6:00	135.54	1.90392	0.349	17.22	0.378	12.94	42.9574	105.0355994	105.089183	1.355433	105.067989	
2010	14	700	14.291666667		01/14/2010 7:00	135.6	1.90476	0.349	17.22	0.378	12.91	42.9555	105.0361709	105.089754	1.356033	105.068589	
2010	14	800	14.333333333		01/14/2010 8:00	135.57	1.90434	0.349	17.23	0.378	13.96	42.9564	105.0358851	105.089468	1.355733	105.068289	
2010	14	900	14.375000000		01/14/2010 9:00	135.34	1.90111	0.349	17.23	0.378	14	42.9636	105.0336943	105.087278	1.353433	105.065989	
2010	14	1000	14.416666667		01/14/2010 10:00	135.38	1.90167	0.349	17.25	0.378	13.95	42.9624	105.0340753	105.087659	1.353833	105.066389	
2010	14	1100	14.458333333		01/14/2010 11:00	135.33	1.90097	0.349	17.22	0.378	13.9	42.9639	105.0335991	105.087182	1.353333	105.065889	
2010	14	1200	14.500000000		01/14/2010 12:00	135.09	1.89760	0.349	17.23	0.378	13.85	42.9714	105.0313131	105.084896	1.350933	105.063489	
2010	14	1300	14.541666667		01/14/2010 13:00	134.92	1.89521	0.349	17.24	0.378	13.83	42.9767	105.0296938	105.083277	1.349233	105.061789	
2010	14	1400	14.583333333		01/14/2010 14:00	134.63	1.89114	0.349	17.23	0.378	13.84	42.9858	105.0269316	105.080515	1.346333	105.058889	
2010	14	1500	14.625000000		01/14/2010 15:00	134.47	1.88889	0.349	17.24	0.378	13.75	42.9908	105.0254075	105.078991	1.344733	105.057289	
2010	14	1600	14.666666667		01/14/2010 16:00	134.12	1.88397	0.349	17.21	0.378	13.6	43.0017	105.0220738	105.075657	1.341233	105.053789	
2010	14	1700	14.708333333		01/14/2010 17:00	133.87	1.88046	0.349	17.23	0.378	13.5	43.0095	105.0196925	105.073276	1.338733	105.051289	
2010	14	1800	14.750000000		01/14/2010 18:00	133.73	1.87849	0.349	17.23	0.378	13.42	43.0139	105.018359	105.071942	1.337333	105.049889	
2010	14	1900	14.791666667		01/14/2010 19:00	133.31	1.87259	0.349	17.2	0.378	13.36	43.0270	105.0143585	105.067942	1.333133	105.045688	
2010	14	2000	14.833333333		01/14/2010 20:00	133.08	1.86936	0.349	17.21	0.378	13.31	43.0342	105.0121677	105.065751	1.330833	105.043388	
2010	14	2100	14.875000000		01/14/2010 21:00	132.89	1.86669	0.349	17.24	0.378	13.26	43.0402	105.010358	105.063941	1.328933	105.041488	
2010	14	2200	14.916666667		01/14/2010 22:00	132.58	1.86234	0.349	17.24	0.378	13.2	43.0499	105.0074052	105.060988	1.325833	105.038388	
2010	14	2300	14.958333333		01/14/2010 23:00	132.35	1.85911	0.349	17.25	0.378	13.15	43.0570	105.0052144	105.058798	1.323533	105.036088	
2010	14	2400	15.000000000		01/15/2010 0:00	132.11	1.85574	0.349	17.23	0.378	13.11	43.0645	105.0029284	105.056512	1.321133	105.033688	
2010	15	100	15.041666667		01/15/2010 1:00	131.96	1.85363	0.349	17.25	0.378	13.06	43.0692	105.0014997	105.055083	1.319633	105.032188	
2010	15	200	15.083333333		01/15/2010 2:00	131.7	1.84998	0.349	17.21	0.378	13.02	43.0774	104.9990231	105.052606	1.317032	105.029588	
2010	15	300	15.125000000		01/15/2010 3:00	131.49	1.84703	0.348	17.2	0.378	12.98	43.0839	104.9970229	105.050606	1.314932	105.027488	
2010	15	400	15.166666667		01/15/2010 4:00	131.49	1.84703	0.349	17.23	0.378	12.94	43.0839	104.9970229	105.050606	1.314932	105.027488	
2010	15	500	15.208333333		01/15/2010 5:00	131.22	1.84324	0.348	17.22	0.378	12.9	43.0924	104.9944511	105.048034	1.312232	105.024788	
2010	15	600	15.250000000		01/15/2010 6:00	131.05	1.84085	0.348	17.22	0.378	12.87	43.0977	104.9928319	105.046415	1.310532	105.023088	
2010	15	700	15.291666667		01/15/2010 7:00	130.93	1.83916	0.348	17.21	0.378	12.85	43.1014	104.9916889	105.045272	1.309332	105.021888	
2010	15	800	15.333333333		01/15/2010 8:00	130.79	1.83720	0.348	17.25	0.378	12.84	43.1058	104.9903553	105.043939	1.307932	105.020488	
2010	15	900	15.375000000		01/15/2010 9:00	130.66	1.83537	0.349	17.24	0.378	12.82	43.1099	104.9891171	105.042700	1.306632	105.019188	
2010	15	1000	15.416666667		01/15/2010 10:00	130.44	1.83228	0.348	17.21	0.378	13.22	43.1167	104.9870216	105.040605	1.304432	105.016988	
2010	15	1100	15.458333333		01/15/2010 11:00	130.25	1.82961	0.349	17.22	0.378	13.96	43.1227	104.9852118	105.038795	1.302532	105.015088	
2010	15	1200	15.500000000		01/15/2010 12:00	130.1	1.82750	0.348	17.23	0.378	13.9	43.1274	104.9837831	105.037366	1.301032	105.013588	
2010	15	1300	15.541666667		01/15/2010 13:00	129.95	1.82540	0.348	17.22	0.378	13.87	43.1320	104.9823543	105.035938	1.299532	105.012088	
2010	15	1400	15.583333333		01/15/2010 14:00	129.73	1.82231	0.348	17.24	0.378	13.84	43.1389	104.9802588	105.033842	1.297332	105.009888	
2010	15	1500	15.625000000		01/15/2010 15:00	129.56	1.81992	0.348	17.24	0.378	13.7	43.1442	104.9786395	105.032223	1.295632	105.008188	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	15	1600	15.666666667		01/15/2010 16:00	129.54	1.81964	0.348	17.22	0.378	13.57	43.1449	104.978449	105.032032	1.295432	105.007988	
2010	15	1700	15.708333333		01/15/2010 17:00	129.45	1.81837	0.348	17.24	0.378	13.47	43.1477	104.9775918	105.031175	1.294532	105.007087	
2010	15	1800	15.750000000		01/15/2010 18:00	129.26	1.81570	0.349	17.23	0.378	13.4	43.1536	104.975782	105.029365	1.292632	105.005187	
2010	15	1900	15.791666667		01/15/2010 19:00	129.38	1.81739	0.348	17.23	0.378	13.34	43.1499	104.976925	105.030508	1.293832	105.006387	
2010	15	2000	15.833333333		01/15/2010 20:00	129.3	1.81627	0.348	17.22	0.378	13.28	43.1524	104.976163	105.029746	1.293032	105.005587	
2010	15	2100	15.875000000		01/15/2010 21:00	129.05	1.81275	0.348	17.24	0.377	13.22	43.1602	104.9737818	105.027365	1.290532	105.003087	
2010	15	2200	15.916666667		01/15/2010 22:00	128.91	1.81079	0.348	17.24	0.378	13.17	43.1645	104.9724482	105.026032	1.289132	105.001687	
2010	15	2300	15.958333333		01/15/2010 23:00	128.9	1.81065	0.348	17.22	0.378	13.13	43.1649	104.972353	105.025936	1.289032	105.001587	
2010	15	2400	16.000000000		01/16/2010 0:00	128.83	1.80966	0.348	17.22	0.378	13.08	43.1670	104.9716862	105.025270	1.288332	105.000887	
2010	16	100	16.041666667		01/16/2010 1:00	128.69	1.80770	0.348	17.22	0.378	13.03	43.1714	104.9703527	105.023936	1.286932	104.999487	
2010	16	200	16.083333333		01/16/2010 2:00	128.55	1.80573	0.348	17.21	0.378	12.99	43.1758	104.9690192	105.022602	1.285532	104.998087	
2010	16	300	16.125000000		01/16/2010 3:00	128.43	1.80405	0.348	17.21	0.378	12.95	43.1795	104.9678762	105.021459	1.284332	104.996887	
2010	16	400	16.166666667		01/16/2010 4:00	128.24	1.80138	0.348	17.22	0.378	12.92	43.1855	104.9660665	105.019650	1.282432	104.994987	
2010	16	500	16.208333333		01/16/2010 5:00	128.09	1.79927	0.348	17.23	0.378	12.89	43.1902	104.9646377	105.018221	1.280932	104.993487	
2010	16	600	16.250000000		01/16/2010 6:00	127.96	1.79744	0.348	17.22	0.377	12.87	43.1942	104.9633994	105.016983	1.279632	104.992187	
2010	16	700	16.291666667		01/16/2010 7:00	127.82	1.79548	0.348	17.22	0.377	12.85	43.1986	104.9620659	105.015649	1.278232	104.990787	
2010	16	800	16.333333333		01/16/2010 8:00	127.66	1.79323	0.348	17.22	0.377	12.84	43.2036	104.9605419	105.014125	1.276631	104.989187	
2010	16	900	16.375000000		01/16/2010 9:00	127.54	1.79154	0.348	17.24	0.377	12.9	43.2074	104.9593989	105.012982	1.275431	104.987987	
2010	16	1000	16.416666667		01/16/2010 10:00	127.36	1.78902	0.348	17.25	0.378	13.95	43.2130	104.9576844	105.011268	1.273631	104.986187	
2010	16	1100	16.458333333		01/16/2010 11:00	127.27	1.78775	0.348	17.23	0.377	13.94	43.2158	104.9568272	105.010410	1.272731	104.985287	
2010	16	1200	16.500000000		01/16/2010 12:00	127.1	1.78536	0.348	17.22	0.377	13.93	43.2211	104.9552079	105.008791	1.271031	104.983587	
2010	16	1300	16.541666667		01/16/2010 13:00	126.99	1.78382	0.348	17.23	0.378	13.91	43.2245	104.9541601	105.007743	1.269931	104.982487	
2010	16	1400	16.583333333		01/16/2010 14:00	126.79	1.78101	0.348	17.24	0.377	13.91	43.2308	104.9522551	105.005838	1.267931	104.980487	
2010	16	1500	16.625000000		01/16/2010 15:00	126.67	1.77932	0.348	17.24	0.378	13.88	43.2345	104.9511121	105.004695	1.266731	104.979287	
2010	16	1600	16.666666667		01/16/2010 16:00	126.5	1.77693	0.348	17.21	0.377	13.67	43.2399	104.9494929	105.003076	1.265031	104.977587	
2010	16	1700	16.708333333		01/16/2010 17:00	126.33	1.77455	0.348	17.25	0.377	13.57	43.2452	104.9478736	105.001457	1.263331	104.975887	
2010	16	1800	16.750000000		01/16/2010 18:00	126.13	1.77174	0.348	17.24	0.377	13.48	43.2514	104.9459686	104.999552	1.261331	104.973887	
2010	16	1900	16.791666667		01/16/2010 19:00	125.98	1.76963	0.348	17.26	0.377	13.42	43.2561	104.9445398	104.998123	1.259831	104.972387	
2010	16	2000	16.833333333		01/16/2010 20:00	125.86	1.76794	0.348	17.21	0.377	13.36	43.2599	104.9433968	104.996980	1.258631	104.971187	
2010	16	2100	16.875000000		01/16/2010 21:00	125.64	1.76485	0.348	17.25	0.377	13.3	43.2667	104.9413013	104.994885	1.256431	104.968987	
2010	16	2200	16.916666667		01/16/2010 22:00	125.42	1.76176	0.348	17.22	0.377	13.26	43.2736	104.9392058	104.992789	1.254231	104.966787	
2010	16	2300	16.958333333		01/16/2010 23:00	125.26	1.75952	0.348	17.25	0.377	13.2	43.2786	104.9376818	104.991265	1.252631	104.965186	
2010	16	2400	17.000000000		01/17/2010 0:00	125.08	1.75699	0.348	17.26	0.377	13.15	43.2842	104.9359673	104.989551	1.250831	104.963386	
2010	17	100	17.041666667		01/17/2010 1:00	124.86	1.75390	0.348	17.22	0.377	13.11	43.2911	104.9338718	104.987455	1.248631	104.961186	
2010	17	200	17.083333333		01/17/2010 2:00	124.7	1.75165	0.348	17.22	0.377	13.07	43.2961	104.9323478	104.985931	1.247031	104.959586	
2010	17	300	17.125000000		01/17/2010 3:00	124.43	1.74786	0.348	17.21	0.378	13.03	43.3045	104.929776	104.983359	1.244331	104.956886	
2010	17	400	17.166666667		01/17/2010 4:00	124.32	1.74631	0.348	17.23	0.377	12.99	43.3080	104.9287283	104.982312	1.243231	104.955786	
2010	17	500	17.208333333		01/17/2010 5:00	124.27	1.74561	0.348	17.22	0.378	12.96	43.3095	104.928252	104.981835	1.242731	104.955286	
2010	17	600	17.250000000		01/17/2010 6:00	124.15	1.74392	0.348	17.24	0.377	12.92	43.3133	104.927109	104.980692	1.241531	104.954086	
2010	17	700	17.291666667		01/17/2010 7:00	124.14	1.74378	0.348	17.22	0.377	12.9	43.3136	104.9270137	104.980597	1.241431	104.953986	
2010	17	800	17.333333333		01/17/2010 8:00	124.14	1.74378	0.348	17.25	0.377	12.87	43.3136	104.9270137	104.980597	1.241431	104.953986	
2010	17	900	17.375000000		01/17/2010 9:00	124.12	1.74350	0.348	17.22	0.378	12.94	43.3142	104.9268232	104.980407	1.241231	104.953786	
2010	17	1000	17.416666667		01/17/2010 10:00	124.13	1.74364	0.348	17.23	0.377	13.98	43.3139	104.9269185	104.980502	1.241331	104.953886	
2010	17	1100	17.458333333		01/17/2010 11:00	124.04	1.74238	0.348	17.22	0.377	13.99	43.3167	104.9260612	104.979644	1.240431	104.952986	
2010	17	1200	17.500000000		01/17/2010 12:00	124.02	1.74210	0.348	17.23	0.377	13.98	43.3174	104.9258707	104.979454	1.240231	104.952786	
2010	17	1300	17.541666667		01/17/2010 13:00	123.95	1.74112	0.348	17.25	0.377	13.96	43.3195	104.925204	104.978787	1.239531	104.952086	
2010	17	1400	17.583333333		01/17/2010 14:00	123.82	1.73929	0.348	17.24	0.377	13.92	43.3236	104.9239657	104.977549	1.238231	104.950786	
2010	17	1500	17.625000000		01/17/2010 15:00	123.77	1.73859	0.348	17.22	0.377	13.89	43.3252	104.9234895	104.977073	1.237731	104.950286	
2010	17	1600	17.666666667		01/17/2010 16:00	123.68	1.73732	0.348	17.21	0.377	13.7	43.3280	104.9226322	104.976215	1.236831	104.949386	
2010	17	1700	17.708333333		01/17/2010 17:00	123.44	1.73395	0.348	17.26	0.377	13.59	43.3355	104.9203462	104.973929	1.234430	104.946986	
2010	17	1800	17.750000000		01/17/2010 18:00	123.35	1.73269	0.348	17.21	0.377	13.51	43.3383	104.919489	104.973072	1.233530	104.946086	
2010	17	1900	17.791666667		01/17/2010 19:00	123.09	1.72903	0.348	17.22	0.377	13.45	43.3464	104.9170124	104.970596	1.230930	104.943486	
2010	17	2000	17.833333333		01/17/2010 20:00	122.9	1.72637	0.348	17.24	0.377	13.38	43.3524	104.9152027	104.968786	1.229030	104.941586	
2010	17	2100	17.875000000		01/17/2010 21:00	122.78	1.72468	0.348	17.23	0.377	13.33	43.3561	104.9140597	104.967643	1.227830	104.940386	
2010	17	2200	17.916666667		01/17/2010 22:00	122.59	1.72201	0.348	17.22	0.377	13.28	43.3620	104.9122499	104.965833	1.225930	104.938486	
2010	17	2300	17.958333333		01/17/2010 23:00	122.36	1.71878	0.348	17.22	0.377	13.23	43.3692	104.9100591	104.963642	1.223630	104.936186	
2010	17	2400	18.000000000		01/18/2010 0:00	122.17	1.71611	0.348	17.25	0.377	13.18	43.3752	104.9082494	104.961833	1.221730	104.934286	
2010	18	100	18.041666667		01/18/2010 1:00	121.97	1.71330	0.348	17.24	0.377	13.13	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	18	200	18.083333333		01/18/2010 2:00	121.81	1.71105	0.348	17.21	0.377	13.09	43.3864	104.9048204	104.958404	1.218130	104.930686	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	18	300	18.125000000		01/18/2010 3:00	121.68	1.70923	0.348	17.22	0.377	13.05	43.3905	104.9035821	104.957165	1.216830	104.929386	
2010	18	400	18.166666667		01/18/2010 4:00	121.56	1.70754	0.348	17.23	0.377	13.01	43.3942	104.9024391	104.956022	1.215630	104.928186	
2010	18	500	18.208333333		01/18/2010 5:00	121.45	1.70600	0.348	17.24	0.377	12.97	43.3977	104.9013913	104.954975	1.214530	104.927086	
2010	18	600	18.250000000		01/18/2010 6:00	121.29	1.70375	0.348	17.22	0.377	12.93	43.4027	104.8998673	104.953451	1.212930	104.925485	
2010	18	700	18.291666667		01/18/2010 7:00	121.09	1.70094	0.348	17.23	0.377	12.9	43.4089	104.8979623	104.951546	1.210930	104.923485	
2010	18	800	18.333333333		01/18/2010 8:00	121.03	1.70010	0.348	17.24	0.377	12.98	43.4108	104.8973908	104.950974	1.210330	104.922885	
2010	18	900	18.375000000		01/18/2010 9:00	120.84	1.69743	0.348	17.23	0.377	14.09	43.4167	104.8955811	104.949164	1.208430	104.920985	
2010	18	1000	18.416666667		01/18/2010 10:00	120.77	1.69645	0.348	17.24	0.377	14.04	43.4189	104.8949143	104.948498	1.207730	104.920285	
2010	18	1100	18.458333333		01/18/2010 11:00	120.67	1.69504	0.348	17.24	0.377	13.97	43.4220	104.8939618	104.947545	1.206730	104.919285	
2010	18	1200	18.500000000		01/18/2010 12:00	120.56	1.69350	0.348	17.22	0.377	13.9	43.4255	104.8929141	104.946497	1.205630	104.918185	
2010	18	1300	18.541666667		01/18/2010 13:00	120.39	1.69111	0.348	17.23	0.377	13.84	43.4308	104.8912948	104.944878	1.203930	104.916485	
2010	18	1400	18.583333333		01/18/2010 14:00	120.36	1.69069	0.348	17.24	0.377	13.78	43.4317	104.891009	104.944592	1.203630	104.916185	
2010	18	1500	18.625000000		01/18/2010 15:00	120.08	1.68675	0.348	17.23	0.377	13.81	43.4405	104.888342	104.941925	1.200830	104.913385	
2010	18	1600	18.666666667		01/18/2010 16:00	119.85	1.68352	0.348	17.23	0.377	13.74	43.4477	104.8861513	104.939735	1.198530	104.911085	
2010	18	1700	18.708333333		01/18/2010 17:00	119.75	1.68212	0.348	17.23	0.377	13.59	43.4508	104.8851988	104.938782	1.197530	104.910085	
2010	18	1800	18.750000000		01/18/2010 18:00	119.57	1.67959	0.348	17.25	0.377	13.5	43.4564	104.8834842	104.937068	1.195729	104.908285	
2010	18	1900	18.791666667		01/18/2010 19:00	119.42	1.67748	0.348	17.25	0.377	13.43	43.4611	104.8820555	104.935639	1.194229	104.906785	
2010	18	2000	18.833333333		01/18/2010 20:00	119.29	1.67566	0.348	17.24	0.377	13.38	43.4652	104.8808172	104.934400	1.192929	104.905485	
2010	18	2100	18.875000000		01/18/2010 21:00	119.18	1.67411	0.348	17.24	0.377	13.32	43.4686	104.8797695	104.933353	1.191829	104.904385	
2010	18	2200	18.916666667		01/18/2010 22:00	119.02	1.67186	0.348	17.22	0.377	13.27	43.4736	104.8782455	104.931829	1.190229	104.902785	
2010	18	2300	18.958333333		01/18/2010 23:00	118.88	1.66990	0.348	17.23	0.377	13.21	43.4780	104.876912	104.930495	1.188829	104.901385	
2010	18	2400	19.000000000		01/19/2010 0:00	118.7	1.66737	0.348	17.22	0.377	13.17	43.4836	104.8751975	104.928781	1.187029	104.899585	
2010	19	100	19.041666667		01/19/2010 1:00	118.49	1.66442	0.348	17.22	0.377	13.13	43.4902	104.8731972	104.926780	1.184929	104.897485	
2010	19	200	19.083333333		01/19/2010 2:00	118.32	1.66203	0.348	17.23	0.377	13.08	43.4955	104.8715779	104.925161	1.183229	104.895785	
2010	19	300	19.125000000		01/19/2010 3:00	118.16	1.65978	0.348	17.26	0.377	13.05	43.5005	104.8700539	104.923637	1.181629	104.894185	
2010	19	400	19.166666667		01/19/2010 4:00	117.98	1.65726	0.348	17.26	0.377	13	43.5061	104.8683394	104.921923	1.179829	104.892385	
2010	19	500	19.208333333		01/19/2010 5:00	117.82	1.65501	0.348	17.21	0.377	12.96	43.5111	104.8668154	104.920399	1.178229	104.890785	
2010	19	600	19.250000000		01/19/2010 6:00	117.63	1.65234	0.348	17.22	0.377	12.93	43.5170	104.8650056	104.918589	1.176329	104.888885	
2010	19	700	19.291666667		01/19/2010 7:00	117.33	1.64812	0.348	17.22	0.377	12.89	43.5264	104.8621481	104.915731	1.173329	104.885885	
2010	19	800	19.333333333		01/19/2010 8:00	117.17	1.64588	0.348	17.25	0.377	14.09	43.5314	104.8606241	104.914207	1.171729	104.884284	
2010	19	900	19.375000000		01/19/2010 9:00	116.99	1.64335	0.348	17.24	0.377	14.11	43.5370	104.8589096	104.912493	1.169929	104.882484	
2010	19	1000	19.416666667		01/19/2010 10:00	116.76	1.64012	0.348	17.21	0.377	14.05	43.5442	104.8567188	104.910302	1.167629	104.880184	
2010	19	1100	19.458333333		01/19/2010 11:00	116.58	1.63759	0.348	17.24	0.377	13.99	43.5499	104.8550043	104.908588	1.165829	104.878384	
2010	19	1200	19.500000000		01/19/2010 12:00	116.48	1.63618	0.348	17.25	0.377	13.95	43.5530	104.8540518	104.907635	1.164829	104.877384	
2010	19	1300	19.541666667		01/19/2010 13:00	116.28	1.63338	0.348	17.24	0.377	13.92	43.5592	104.8521468	104.905730	1.162829	104.875384	
2010	19	1400	19.583333333		01/19/2010 14:00	116.06	1.63029	0.348	17.24	0.377	13.86	43.5661	104.8500513	104.903635	1.160629	104.873184	
2010	19	1500	19.625000000		01/19/2010 15:00	115.99	1.62930	0.348	17.23	0.377	13.87	43.5683	104.8493846	104.902968	1.159929	104.872484	
2010	19	1600	19.666666667		01/19/2010 16:00	115.67	1.62481	0.348	17.23	0.377	13.7	43.5783	104.8463365	104.899920	1.156729	104.869284	
2010	19	1700	19.708333333		01/19/2010 17:00	115.56	1.62326	0.348	17.23	0.377	13.58	43.5817	104.8452888	104.898872	1.155629	104.868184	
2010	19	1800	19.750000000		01/19/2010 18:00	115.42	1.62130	0.348	17.23	0.377	13.49	43.5861	104.8439553	104.897539	1.154228	104.866784	
2010	19	1900	19.791666667		01/19/2010 19:00	115.28	1.61933	0.348	17.26	0.377	13.42	43.5905	104.8426218	104.896205	1.152828	104.865384	
2010	19	2000	19.833333333		01/19/2010 20:00	115.13	1.61722	0.348	17.26	0.377	13.36	43.5952	104.841193	104.894776	1.151328	104.863884	
2010	19	2100	19.875000000		01/19/2010 21:00	115.05	1.61610	0.348	17.24	0.377	13.31	43.5977	104.840431	104.894014	1.150528	104.863084	
2010	19	2200	19.916666667		01/19/2010 22:00	114.97	1.61497	0.348	17.22	0.377	13.26	43.6002	104.839669	104.893252	1.149728	104.862284	
2010	19	2300	19.958333333		01/19/2010 23:00	114.99	1.61525	0.348	17.25	0.377	13.21	43.5995	104.8398595	104.893443	1.149928	104.862484	
2010	19	2400	20.000000000		01/20/2010 0:00	114.87	1.61357	0.348	17.22	0.377	13.16	43.6033	104.8387165	104.892300	1.148728	104.861284	
2010	20	100	20.041666667		01/20/2010 1:00	114.85	1.61329	0.348	17.24	0.377	13.12	43.6039	104.838526	104.892109	1.148528	104.861084	
2010	20	200	20.083333333		01/20/2010 2:00	114.86	1.61343	0.348	17.23	0.377	13.07	43.6036	104.8386212	104.892205	1.148628	104.861184	
2010	20	300	20.125000000		01/20/2010 3:00	114.96	1.61483	0.348	17.25	0.377	13.03	43.6005	104.8395738	104.893157	1.149628	104.862184	
2010	20	400	20.166666667		01/20/2010 4:00	115.01	1.61554	0.348	17.24	0.377	12.98	43.5989	104.84005	104.893633	1.150128	104.862684	
2010	20	500	20.208333333		01/20/2010 5:00	115.07	1.61638	0.348	17.25	0.377	12.95	43.5970	104.8406215	104.894205	1.150728	104.863284	
2010	20	600	20.250000000		01/20/2010 6:00	115.05	1.61610	0.348	17.23	0.377	12.92	43.5977	104.840431	104.894014	1.150528	104.863084	
2010	20	700	20.291666667		01/20/2010 7:00	115.09	1.61666	0.348	17.23	0.377	12.88	43.5964	104.840812	104.894395	1.150928	104.863484	
2010	20	800	20.333333333		01/20/2010 8:00	115.13	1.61722	0.348	17.23	0.377	14.08	43.5952	104.841193	104.894776	1.151328	104.863884	
2010	20	900	20.375000000		01/20/2010 9:00	115.13	1.61722	0.348	17.24	0.377	14.08	43.5952	104.841193	104.894776	1.151328	104.863884	
2010	20	1000	20.416666667		01/20/2010 10:00	115.13	1.61722	0.348	17.25	0.377	14.02	43.5952	104.841193	104.894776	1.151328	104.863884	
2010	20	1100	20.458333333		01/20/2010 11:00	115.13	1.61722	0.348	17.22	0.377	13.96	43.5952	104.841193	104.894776	1.151328	104.863884	
2010	20	1200	20.500000000		01/20/2010 12:00	115.1	1.61680	0.347	17.26	0.377	13.9	43.5961	104.8409073	104.894491	1.151028	104.863584	
2010	20	1300	20.541666667		01/20/2010 13:00	115.02	1.61568	0.347	17.24	0.377	13.89	43.5986	104.8401453	104.893729	1.150228	104.862784	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	20	1400	20.583333333		01/20/2010 14:00	114.94	1.61455	0.347	17.22	0.377	13.88	43.6011	104.8393833	104.892967	1.149428	104.861984	
2010	20	1500	20.625000000		01/20/2010 15:00	114.83	1.61301	0.347	17.23	0.377	13.89	43.6045	104.8383355	104.891919	1.148328	104.860884	
2010	20	1600	20.666666667		01/20/2010 16:00	114.74	1.61174	0.347	17.24	0.377	13.7	43.6074	104.8374782	104.891061	1.147428	104.859984	
2010	20	1700	20.708333333		01/20/2010 17:00	114.72	1.61146	0.347	17.23	0.377	13.59	43.6080	104.8372877	104.890871	1.147228	104.859784	
2010	20	1800	20.750000000		01/20/2010 18:00	114.75	1.61188	0.347	17.25	0.377	13.5	43.6070	104.8375735	104.891157	1.147528	104.860084	
2010	20	1900	20.791666667		01/20/2010 19:00	114.6	1.60978	0.347	17.25	0.376	13.42	43.6117	104.8361447	104.889728	1.146028	104.858584	
2010	20	2000	20.833333333		01/20/2010 20:00	114.7	1.61118	0.347	17.25	0.377	13.37	43.6086	104.8370972	104.890680	1.147028	104.859584	
2010	20	2100	20.875000000		01/20/2010 21:00	114.59	1.60964	0.347	17.25	0.376	13.31	43.6120	104.8360495	104.889633	1.145928	104.858484	
2010	20	2200	20.916666667		01/20/2010 22:00	114.49	1.60823	0.347	17.24	0.376	13.25	43.6152	104.835097	104.888680	1.144928	104.857484	
2010	20	2300	20.958333333		01/20/2010 23:00	114.5	1.60837	0.347	17.23	0.376	13.2	43.6149	104.8351922	104.888775	1.145028	104.857584	
2010	20	2400	21.000000000		01/21/2010 0:00	114.44	1.60753	0.347	17.23	0.376	13.15	43.6167	104.8346207	104.888204	1.144428	104.856984	
2010	21	100	21.041666667		01/21/2010 1:00	114.39	1.60683	0.347	17.25	0.376	13.11	43.6183	104.8341445	104.887728	1.143928	104.856484	
2010	21	200	21.083333333		01/21/2010 2:00	114.42	1.60725	0.347	17.26	0.376	13.06	43.6174	104.8344302	104.888013	1.144228	104.856784	
2010	21	300	21.125000000		01/21/2010 3:00	114.4	1.60697	0.347	17.23	0.376	13.02	43.6180	104.8342397	104.887823	1.144028	104.856584	
2010	21	400	21.166666667		01/21/2010 4:00	114.46	1.60781	0.347	17.22	0.376	12.98	43.6161	104.8348112	104.888394	1.144628	104.857184	
2010	21	500	21.208333333		01/21/2010 5:00	114.4	1.60697	0.347	17.25	0.376	12.94	43.6180	104.8342397	104.887823	1.144028	104.856584	
2010	21	600	21.250000000		01/21/2010 6:00	114.4	1.60697	0.347	17.23	0.376	12.9	43.6180	104.8342397	104.887823	1.144028	104.856584	
2010	21	700	21.291666667		01/21/2010 7:00	114.42	1.60725	0.347	17.25	0.376	12.88	43.6174	104.8344302	104.888013	1.144228	104.856784	
2010	21	800	21.333333333		01/21/2010 8:00	114.39	1.60683	0.347	17.23	0.376	12.84	43.6183	104.8341445	104.887728	1.143928	104.856484	
2010	21	900	21.375000000		01/21/2010 9:00	114.4	1.60697	0.347	17.24	0.376	14.08	43.6180	104.8342397	104.887823	1.144028	104.856584	
2010	21	1000	21.416666667		01/21/2010 10:00	114.34	1.60612	0.347	17.24	0.376	14.03	43.6199	104.8336682	104.887251	1.143428	104.855984	
2010	21	1100	21.458333333		01/21/2010 11:00	114.4	1.60697	0.347	17.27	0.376	13.96	43.6180	104.8342397	104.887823	1.144028	104.856584	
2010	21	1200	21.500000000		01/21/2010 12:00	114.36	1.60641	0.347	17.26	0.376	13.88	43.6192	104.8338587	104.887442	1.143628	104.856184	
2010	21	1300	21.541666667		01/21/2010 13:00	114.26	1.60500	0.347	17.25	0.376	13.88	43.6224	104.8329062	104.886489	1.142628	104.855184	
2010	21	1400	21.583333333		01/21/2010 14:00	114.22	1.60444	0.346	17.24	0.376	13.84	43.6236	104.8325252	104.886108	1.142228	104.854784	
2010	21	1500	21.625000000		01/21/2010 15:00	114.17	1.60374	0.347	17.24	0.376	13.86	43.6252	104.832049	104.885632	1.141728	104.854284	
2010	21	1600	21.666666667		01/21/2010 16:00	114.08	1.60247	0.346	17.25	0.376	13.75	43.6280	104.8311917	104.884775	1.140828	104.853384	
2010	21	1700	21.708333333		01/21/2010 17:00	114.06	1.60219	0.346	17.25	0.375	13.61	43.6286	104.8310012	104.884584	1.140628	104.853184	
2010	21	1800	21.750000000		01/21/2010 18:00	113.96	1.60079	0.346	17.23	0.376	13.52	43.6317	104.8300487	104.883632	1.139628	104.852184	
2010	21	1900	21.791666667		01/21/2010 19:00	113.97	1.60093	0.346	17.23	0.375	13.45	43.6314	104.8301439	104.883727	1.139728	104.852284	
2010	21	2000	21.833333333		01/21/2010 20:00	113.88	1.59966	0.346	17.23	0.375	13.39	43.6342	104.8292867	104.882870	1.138828	104.851384	
2010	21	2100	21.875000000		01/21/2010 21:00	113.8	1.59854	0.346	17.25	0.375	13.34	43.6367	104.8285247	104.882108	1.138028	104.850584	
2010	21	2200	21.916666667		01/21/2010 22:00	113.79	1.59840	0.346	17.26	0.375	13.28	43.6370	104.8284294	104.882013	1.137928	104.850484	
2010	21	2300	21.958333333		01/21/2010 23:00	113.66	1.59657	0.346	17.26	0.375	13.23	43.6411	104.8271912	104.880774	1.136628	104.849184	
2010	21	2400	22.000000000		01/22/2010 0:00	113.54	1.59489	0.346	17.25	0.375	13.19	43.6449	104.8260482	104.879631	1.135428	104.847984	
2010	22	100	22.041666667		01/22/2010 1:00	113.57	1.59531	0.346	17.23	0.375	13.14	43.6439	104.8263339	104.879917	1.135728	104.848284	
2010	22	200	22.083333333		01/22/2010 2:00	113.58	1.59545	0.346	17.24	0.375	13.09	43.6436	104.8264292	104.880012	1.135828	104.848384	
2010	22	300	22.125000000		01/22/2010 3:00	113.66	1.59657	0.346	17.24	0.375	13.05	43.6411	104.8271912	104.880774	1.136628	104.849184	
2010	22	400	22.166666667		01/22/2010 4:00	113.67	1.59671	0.346	17.23	0.375	13	43.6408	104.8272864	104.880870	1.136728	104.849284	
2010	22	500	22.208333333		01/22/2010 5:00	113.86	1.59938	0.346	17.25	0.375	12.97	43.6349	104.8290962	104.882679	1.138628	104.851184	
2010	22	600	22.250000000		01/22/2010 6:00	114	1.60135	0.346	17.25	0.375	12.93	43.6305	104.8304297	104.884013	1.140028	104.852584	
2010	22	700	22.291666667		01/22/2010 7:00	114.16	1.60360	0.346	17.26	0.375	12.9	43.6255	104.8319537	104.885537	1.141628	104.854184	
2010	22	800	22.333333333		01/22/2010 8:00	114.23	1.60458	0.346	17.26	0.375	12.89	43.6233	104.8326205	104.886204	1.142328	104.854884	
2010	22	900	22.375000000		01/22/2010 9:00	114.24	1.60472	0.346	17.24	0.375	14.08	43.6230	104.8327157	104.886299	1.142428	104.854984	
2010	22	1000	22.416666667		01/22/2010 10:00	114.3	1.60556	0.346	17.23	0.375	14.07	43.6211	104.8332872	104.886870	1.143028	104.855584	
2010	22	1100	22.458333333		01/22/2010 11:00	114.31	1.60570	0.346	17.27	0.375	14	43.6208	104.8333825	104.886966	1.143128	104.855684	
2010	22	1200	22.500000000		01/22/2010 12:00	114.3	1.60556	0.345	17.27	0.374	13.96	43.6211	104.8332872	104.886870	1.143028	104.855584	
2010	22	1300	22.541666667		01/22/2010 13:00	114.14	1.60332	0.346	17.27	0.375	13.94	43.6261	104.8317632	104.885346	1.141428	104.853984	
2010	22	1400	22.583333333		01/22/2010 14:00	114.09	1.60261	0.346	17.26	0.375	13.96	43.6277	104.831287	104.884870	1.140928	104.853484	
2010	22	1500	22.625000000		01/22/2010 15:00	114	1.60135	0.345	17.24	0.375	13.98	43.6305	104.8304297	104.884013	1.140028	104.852584	
2010	22	1600	22.666666667		01/22/2010 16:00	113.96	1.60079	0.345	17.25	0.374	13.86	43.6317	104.8300487	104.883632	1.139628	104.852184	
2010	22	1700	22.708333333		01/22/2010 17:00	113.98	1.60107	0.345	17.26	0.374	13.71	43.6311	104.8302392	104.883822	1.139828	104.852384	
2010	22	1800	22.750000000		01/22/2010 18:00	113.91	1.60008	0.345	17.24	0.374	13.62	43.6333	104.8295724	104.883156	1.139128	104.851684	
2010	22	1900	22.791666667		01/22/2010 19:00	113.9	1.59994	0.345	17.26	0.374	13.55	43.6336	104.8294772	104.883060	1.139028	104.851584	
2010	22	2000	22.833333333		01/22/2010 20:00	113.95	1.60065	0.345	17.26	0.374	13.48	43.6320	104.8299534	104.883537	1.139528	104.852084	
2010	22	2100	22.875000000		01/22/2010 21:00	113.97	1.60093	0.345	17.22	0.374	13.42	43.6314	104.8301439	104.883727	1.139728	104.852284	
2010	22	2200	22.916666667		01/22/2010 22:00	113.97	1.60093	0.345	17.23	0.374	13.36	43.6314	104.8301439	104.883727	1.139728	104.852284	
2010	22	2300	22.958333333		01/22/2010 23:00	113.97	1.60093	0.345	17.23	0.374	13.31	43.6314	104.8301439	104.883727	1.139728	104.852284	
2010	22	2400	23.000000000		01/23/2010 0:00	114	1.60135	0.345	17.24	0.374	13.26	43.6305	104.8304297	104.884013	1.140028	104.852584	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	23	100	23.041666667		01/23/2010 1:00	114.01	1.60149	0.345	17.23	0.374	13.21	43.6302	104.830525	104.884108	1.140128	104.852684	
2010	23	200	23.083333333		01/23/2010 2:00	114.12	1.60303	0.345	17.27	0.374	13.17	43.6267	104.8315727	104.885156	1.141228	104.853784	
2010	23	300	23.125000000		01/23/2010 3:00	114.3	1.60556	0.345	17.24	0.374	13.13	43.6211	104.8332872	104.886870	1.143028	104.855584	
2010	23	400	23.166666667		01/23/2010 4:00	114.52	1.60865	0.345	17.26	0.374	13.08	43.6142	104.8353827	104.888966	1.145228	104.857784	
2010	23	500	23.208333333		01/23/2010 5:00	114.74	1.61174	0.345	17.25	0.374	13.04	43.6074	104.8374782	104.891061	1.147428	104.859984	
2010	23	600	23.250000000		01/23/2010 6:00	114.95	1.61469	0.345	17.23	0.374	13	43.6008	104.8394785	104.893062	1.149528	104.862084	
2010	23	700	23.291666667		01/23/2010 7:00	115.17	1.61778	0.345	17.24	0.374	12.96	43.5939	104.841574	104.895157	1.151728	104.864284	
2010	23	800	23.333333333		01/23/2010 8:00	115.4	1.62101	0.345	17.25	0.374	12.92	43.5867	104.8437648	104.897348	1.154028	104.866584	
2010	23	900	23.375000000		01/23/2010 9:00	115.54	1.62298	0.345	17.26	0.373	14	43.5824	104.8450983	104.898682	1.155428	104.867984	
2010	23	1000	23.416666667		01/23/2010 10:00	115.78	1.62635	0.344	17.25	0.373	13.99	43.5749	104.8473843	104.900968	1.157829	104.870384	
2010	23	1100	23.458333333		01/23/2010 11:00	116.01	1.62958	0.344	17.23	0.373	13.92	43.5677	104.8495751	104.903158	1.160129	104.872684	
2010	23	1200	23.500000000		01/23/2010 12:00	116.2	1.63225	0.344	17.24	0.373	13.86	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	23	1300	23.541666667		01/23/2010 13:00	116.28	1.63338	0.344	17.24	0.373	13.86	43.5592	104.8521468	104.905730	1.162829	104.875384	
2010	23	1400	23.583333333		01/23/2010 14:00	116.42	1.63534	0.344	17.25	0.373	13.86	43.5549	104.8534803	104.907064	1.164229	104.876784	
2010	23	1500	23.625000000		01/23/2010 15:00	116.57	1.63745	0.344	17.26	0.373	13.87	43.5502	104.8549091	104.908492	1.165729	104.878284	
2010	23	1600	23.666666667		01/23/2010 16:00	116.66	1.63871	0.344	17.25	0.373	13.69	43.5474	104.8557663	104.909350	1.166629	104.879184	
2010	23	1700	23.708333333		01/23/2010 17:00	116.8	1.64068	0.344	17.24	0.373	13.57	43.5430	104.8570999	104.910683	1.168029	104.880584	
2010	23	1800	23.750000000		01/23/2010 18:00	116.82	1.64096	0.344	17.23	0.373	13.48	43.5424	104.8572904	104.910874	1.168229	104.880784	
2010	23	1900	23.791666667		01/23/2010 19:00	116.97	1.64307	0.344	17.24	0.373	13.42	43.5377	104.8587191	104.912302	1.169729	104.882284	
2010	23	2000	23.833333333		01/23/2010 20:00	116.98	1.64321	0.344	17.26	0.373	13.36	43.5374	104.8588144	104.912398	1.169829	104.882384	
2010	23	2100	23.875000000		01/23/2010 21:00	117.05	1.64419	0.344	17.24	0.373	13.32	43.5352	104.8594811	104.913064	1.170529	104.883084	
2010	23	2200	23.916666667		01/23/2010 22:00	117.05	1.64419	0.344	17.27	0.373	13.25	43.5352	104.8594811	104.913064	1.170529	104.883084	
2010	23	2300	23.958333333		01/23/2010 23:00	117.04	1.64405	0.344	17.25	0.373	13.21	43.5355	104.8593859	104.912969	1.170429	104.882984	
2010	23	2400	24.000000000		01/24/2010 0:00	117.04	1.64405	0.344	17.25	0.373	13.16	43.5355	104.8593859	104.912969	1.170429	104.882984	
2010	24	100	24.041666667		01/24/2010 1:00	117.02	1.64377	0.344	17.26	0.373	13.11	43.5361	104.8591954	104.912779	1.170229	104.882784	
2010	24	200	24.083333333		01/24/2010 2:00	117.04	1.64405	0.344	17.26	0.372	13.07	43.5355	104.8593859	104.912969	1.170429	104.882984	
2010	24	300	24.125000000		01/24/2010 3:00	117.05	1.64419	0.344	17.25	0.373	13.03	43.5352	104.8594811	104.913064	1.170529	104.883084	
2010	24	400	24.166666667		01/24/2010 4:00	117.06	1.64433	0.344	17.23	0.373	12.98	43.5349	104.8595764	104.913160	1.170629	104.883184	
2010	24	500	24.208333333		01/24/2010 5:00	117.1	1.64489	0.344	17.25	0.373	12.94	43.5336	104.8599574	104.913541	1.171029	104.883584	
2010	24	600	24.250000000		01/24/2010 6:00	117.04	1.64405	0.344	17.23	0.373	12.91	43.5355	104.8593859	104.912969	1.170429	104.882984	
2010	24	700	24.291666667		01/24/2010 7:00	117.05	1.64419	0.343	17.26	0.372	12.87	43.5352	104.8594811	104.913064	1.170529	104.883084	
2010	24	800	24.333333333		01/24/2010 8:00	117.04	1.64405	0.344	17.22	0.373	13.17	43.5355	104.8593859	104.912969	1.170429	104.882984	
2010	24	900	24.375000000		01/24/2010 9:00	116.95	1.64279	0.343	17.25	0.372	14.18	43.5383	104.8585286	104.912112	1.169529	104.882084	
2010	24	1000	24.416666667		01/24/2010 10:00	116.96	1.64293	0.343	17.25	0.372	14.15	43.5380	104.8586239	104.912207	1.169629	104.882184	
2010	24	1100	24.458333333		01/24/2010 11:00	116.86	1.64152	0.343	17.24	0.372	14.1	43.5411	104.8576714	104.911255	1.168629	104.881184	
2010	24	1200	24.500000000		01/24/2010 12:00	116.78	1.64040	0.343	17.24	0.372	14.02	43.5436	104.8569093	104.910493	1.167829	104.880384	
2010	24	1300	24.541666667		01/24/2010 13:00	116.77	1.64026	0.343	17.25	0.372	14.01	43.5439	104.8568141	104.910397	1.167729	104.880284	
2010	24	1400	24.583333333		01/24/2010 14:00	116.65	1.63857	0.343	17.24	0.372	14	43.5477	104.8556711	104.909254	1.166529	104.879084	
2010	24	1500	24.625000000		01/24/2010 15:00	116.56	1.63731	0.343	17.26	0.372	13.93	43.5505	104.8548138	104.908397	1.165629	104.878184	
2010	24	1600	24.666666667		01/24/2010 16:00	116.37	1.63464	0.343	17.25	0.372	13.75	43.5564	104.8530041	104.906587	1.163729	104.876284	
2010	24	1700	24.708333333		01/24/2010 17:00	116.29	1.63352	0.343	17.26	0.372	13.65	43.5589	104.8522421	104.905825	1.162929	104.875484	
2010	24	1800	24.750000000		01/24/2010 18:00	116.16	1.63169	0.343	17.25	0.372	13.57	43.5630	104.8510038	104.904587	1.161629	104.874184	
2010	24	1900	24.791666667		01/24/2010 19:00	116.09	1.63071	0.343	17.23	0.372	13.5	43.5652	104.8503371	104.903920	1.160929	104.873484	
2010	24	2000	24.833333333		01/24/2010 20:00	115.95	1.62874	0.343	17.24	0.372	13.43	43.5695	104.8490036	104.902587	1.159529	104.872084	
2010	24	2100	24.875000000		01/24/2010 21:00	115.74	1.62579	0.343	17.27	0.372	13.37	43.5761	104.8470033	104.900587	1.157429	104.869984	
2010	24	2200	24.916666667		01/24/2010 22:00	115.63	1.62424	0.343	17.23	0.372	13.32	43.5795	104.8459555	104.899539	1.156329	104.868884	
2010	24	2300	24.958333333		01/24/2010 23:00	115.54	1.62298	0.343	17.23	0.372	13.27	43.5824	104.8450983	104.898682	1.155428	104.867984	
2010	24	2400	25.000000000		01/25/2010 0:00	115.36	1.62045	0.343	17.26	0.372	13.22	43.5880	104.8433838	104.896967	1.153628	104.866184	
2010	25	100	25.041666667		01/25/2010 1:00	115.24	1.61877	0.343	17.25	0.372	13.17	43.5917	104.8422408	104.895824	1.152428	104.864984	
2010	25	200	25.083333333		01/25/2010 2:00	115.08	1.61652	0.343	17.23	0.371	13.13	43.5967	104.8407168	104.894300	1.150828	104.863384	
2010	25	300	25.125000000		01/25/2010 3:00	114.99	1.61525	0.343	17.25	0.372	13.09	43.5995	104.8398595	104.893443	1.149928	104.862484	
2010	25	400	25.166666667		01/25/2010 4:00	114.81	1.61273	0.343	17.24	0.371	13.05	43.6052	104.838145	104.891728	1.148128	104.860684	
2010	25	500	25.208333333		01/25/2010 5:00	114.63	1.61020	0.343	17.27	0.371	13.01	43.6108	104.8364305	104.890014	1.146328	104.858884	
2010	25	600	25.250000000		01/25/2010 6:00	114.44	1.60753	0.343	17.23	0.371	12.96	43.6167	104.8346207	104.888204	1.144428	104.856984	
2010	25	700	25.291666667		01/25/2010 7:00	114.31	1.60570	0.343	17.27	0.371	12.93	43.6208	104.8333825	104.886966	1.143128	104.855684	
2010	25	800	25.333333333		01/25/2010 8:00	114.05	1.60205	0.342	17.24	0.371	12.9	43.6289	104.830906	104.884489	1.140528	104.853084	
2010	25	900	25.375000000		01/25/2010 9:00	113.86	1.59938	0.343	17.23	0.371	13.11	43.6349	104.8290962	104.882679	1.138628	104.851184	
2010	25	1000	25.416666667		01/25/2010 10:00	113.55	1.59503	0.342	17.25	0.371	14.02	43.6445	104.8261434	104.879727	1.135528	104.848084	
2010	25	1100	25.458333333		01/25/2010 11:00	113.38	1.59264	0.342	17.26	0.371	14	43.6499	104.8245242	104.878107	1.133828	104.846384	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	25	1200	25.500000000		01/25/2010 12:00	113.22	1.59039	0.342	17.23	0.371	13.96	43.6549	104.8230002	104.876583	1.132228	104.844783	
2010	25	1300	25.541666667		01/25/2010 13:00	112.94	1.58646	0.342	17.25	0.371	13.96	43.6636	104.8203331	104.873916	1.129428	104.841983	
2010	25	1400	25.583333333		01/25/2010 14:00	112.68	1.58281	0.342	17.27	0.371	13.95	43.6717	104.8178566	104.871440	1.126828	104.839383	
2010	25	1500	25.625000000		01/25/2010 15:00	112.53	1.58070	0.342	17.22	0.371	13.92	43.6764	104.8164279	104.870011	1.125328	104.837883	
2010	25	1600	25.666666667		01/25/2010 16:00	112.36	1.57831	0.343	17.24	0.371	13.78	43.6817	104.8148086	104.868392	1.123628	104.836183	
2010	25	1700	25.708333333		01/25/2010 17:00	112.29	1.57733	0.342	17.27	0.371	13.65	43.6839	104.8141419	104.867725	1.122928	104.835483	
2010	25	1800	25.750000000		01/25/2010 18:00	112.35	1.57817	0.342	17.24	0.371	13.56	43.6820	104.8147134	104.868297	1.123528	104.836083	
2010	25	1900	25.791666667		01/25/2010 19:00	112.4	1.57887	0.342	17.23	0.371	13.49	43.6805	104.8151896	104.868773	1.124028	104.836583	
2010	25	2000	25.833333333		01/25/2010 20:00	112.54	1.58084	0.342	17.24	0.371	13.42	43.6761	104.8165231	104.870106	1.125428	104.837983	
2010	25	2100	25.875000000		01/25/2010 21:00	112.79	1.58435	0.342	17.27	0.371	13.37	43.6683	104.8189044	104.872488	1.127928	104.840483	
2010	25	2200	25.916666667		01/25/2010 22:00	113.03	1.58772	0.342	17.27	0.371	13.32	43.6608	104.8211904	104.874774	1.130328	104.842883	
2010	25	2300	25.958333333		01/25/2010 23:00	113.25	1.59081	0.342	17.26	0.371	13.27	43.6539	104.8232859	104.876869	1.132528	104.845084	
2010	25	2400	26.000000000		01/26/2010 0:00	113.6	1.59573	0.342	17.25	0.371	13.21	43.6430	104.8266197	104.880203	1.136028	104.848584	
2010	26	100	26.041666667		01/26/2010 1:00	113.93	1.60037	0.342	17.24	0.371	13.17	43.6327	104.8297629	104.883346	1.139328	104.851884	
2010	26	200	26.083333333		01/26/2010 2:00	114.32	1.60584	0.342	17.26	0.371	13.13	43.6205	104.8334777	104.887061	1.143228	104.855784	
2010	26	300	26.125000000		01/26/2010 3:00	114.7	1.61118	0.342	17.23	0.371	13.08	43.6086	104.8370972	104.890680	1.147028	104.859584	
2010	26	400	26.166666667		01/26/2010 4:00	115.12	1.61708	0.342	17.26	0.371	13.04	43.5955	104.8410978	104.894681	1.151228	104.863784	
2010	26	500	26.208333333		01/26/2010 5:00	115.57	1.62340	0.342	17.24	0.371	13	43.5814	104.845384	104.898967	1.155729	104.868284	
2010	26	600	26.250000000		01/26/2010 6:00	115.84	1.62719	0.342	17.25	0.371	12.95	43.5730	104.8479558	104.901539	1.158429	104.870984	
2010	26	700	26.291666667		01/26/2010 7:00	116.23	1.63267	0.342	17.23	0.371	12.92	43.5608	104.8516706	104.905254	1.162329	104.874884	
2010	26	800	26.333333333		01/26/2010 8:00	116.46	1.63590	0.342	17.26	0.371	12.89	43.5536	104.8538613	104.907445	1.164629	104.877184	
2010	26	900	26.375000000		01/26/2010 9:00	116.68	1.63899	0.342	17.25	0.371	12.86	43.5467	104.8559568	104.909540	1.166829	104.879384	
2010	26	1000	26.416666667		01/26/2010 10:00	116.96	1.64293	0.342	17.24	0.371	13.45	43.5380	104.8586239	104.912207	1.169629	104.882184	
2010	26	1100	26.458333333		01/26/2010 11:00	117.18	1.64602	0.342	17.25	0.37	14	43.5311	104.8607194	104.914303	1.171829	104.884384	
2010	26	1200	26.500000000		01/26/2010 12:00	117.22	1.64658	0.342	17.25	0.37	13.98	43.5299	104.8611004	104.914684	1.172229	104.884784	
2010	26	1300	26.541666667		01/26/2010 13:00	117.36	1.64855	0.342	17.27	0.37	13.96	43.5255	104.8624339	104.916017	1.173629	104.886185	
2010	26	1400	26.583333333		01/26/2010 14:00	117.44	1.64967	0.342	17.28	0.37	13.95	43.5230	104.8631959	104.916779	1.174429	104.886985	
2010	26	1500	26.625000000		01/26/2010 15:00	117.49	1.65037	0.342	17.23	0.37	13.96	43.5214	104.8636721	104.917255	1.174929	104.887485	
2010	26	1600	26.666666667		01/26/2010 16:00	117.57	1.65150	0.341	17.23	0.37	13.81	43.5189	104.8644341	104.918017	1.175729	104.888285	
2010	26	1700	26.708333333		01/26/2010 17:00	117.67	1.65290	0.342	17.28	0.37	13.67	43.5158	104.8653866	104.918970	1.176729	104.889285	
2010	26	1800	26.750000000		01/26/2010 18:00	117.75	1.65402	0.341	17.23	0.37	13.58	43.5133	104.8661487	104.919732	1.177529	104.890085	
2010	26	1900	26.791666667		01/26/2010 19:00	117.84	1.65529	0.341	17.27	0.37	13.51	43.5105	104.8670059	104.920589	1.178429	104.890985	
2010	26	2000	26.833333333		01/26/2010 20:00	117.89	1.65599	0.341	17.26	0.37	13.44	43.5089	104.8674822	104.921065	1.178929	104.891485	
2010	26	2100	26.875000000		01/26/2010 21:00	117.98	1.65726	0.341	17.24	0.37	13.38	43.5061	104.8683394	104.921923	1.179829	104.892385	
2010	26	2200	26.916666667		01/26/2010 22:00	118.04	1.65810	0.341	17.26	0.37	13.32	43.5042	104.8689109	104.922494	1.180429	104.892985	
2010	26	2300	26.958333333		01/26/2010 23:00	117.98	1.65726	0.341	17.26	0.37	13.28	43.5061	104.8683394	104.921923	1.179829	104.892385	
2010	26	2400	27.000000000		01/27/2010 0:00	118.04	1.65810	0.341	17.27	0.37	13.23	43.5042	104.8689109	104.922494	1.180429	104.892985	
2010	27	100	27.041666667		01/27/2010 1:00	118.05	1.65824	0.341	17.24	0.37	13.17	43.5039	104.8690062	104.922589	1.180529	104.893085	
2010	27	200	27.083333333		01/27/2010 2:00	118.08	1.65866	0.341	17.26	0.37	13.13	43.5030	104.8692919	104.922875	1.180829	104.893385	
2010	27	300	27.125000000		01/27/2010 3:00	118.1	1.65894	0.341	17.26	0.37	13.09	43.5024	104.8694824	104.923066	1.181029	104.893585	
2010	27	400	27.166666667		01/27/2010 4:00	118.02	1.65782	0.341	17.26	0.37	13.05	43.5049	104.8687204	104.922304	1.180229	104.892785	
2010	27	500	27.208333333		01/27/2010 5:00	118.14	1.65950	0.341	17.24	0.37	13.01	43.5011	104.8698634	104.923447	1.181429	104.893985	
2010	27	600	27.250000000		01/27/2010 6:00	118.17	1.65992	0.341	17.27	0.37	12.96	43.5002	104.8701492	104.923732	1.181729	104.894285	
2010	27	700	27.291666667		01/27/2010 7:00	118.25	1.66105	0.341	17.27	0.37	12.93	43.4977	104.8709112	104.924494	1.182529	104.895085	
2010	27	800	27.333333333		01/27/2010 8:00	118.25	1.66105	0.341	17.26	0.37	12.89	43.4977	104.8709112	104.924494	1.182529	104.895085	
2010	27	900	27.375000000		01/27/2010 9:00	118.26	1.66119	0.341	17.26	0.37	13.07	43.4974	104.8710064	104.924590	1.182629	104.895185	
2010	27	1000	27.416666667		01/27/2010 10:00	118.27	1.66133	0.341	17.25	0.37	14	43.4970	104.8711017	104.924685	1.182729	104.895285	
2010	27	1100	27.458333333		01/27/2010 11:00	118.23	1.66077	0.341	17.26	0.37	13.98	43.4983	104.8707207	104.924304	1.182329	104.894885	
2010	27	1200	27.500000000		01/27/2010 12:00	118.2	1.66035	0.341	17.24	0.37	13.96	43.4992	104.8704349	104.924018	1.182029	104.894585	
2010	27	1300	27.541666667		01/27/2010 13:00	118.17	1.65992	0.341	17.27	0.37	13.94	43.5002	104.8701492	104.923732	1.181729	104.894285	
2010	27	1400	27.583333333		01/27/2010 14:00	117.87	1.65571	0.341	17.27	0.37	13.92	43.5095	104.8672917	104.920875	1.178729	104.891285	
2010	27	1500	27.625000000		01/27/2010 15:00	117.91	1.65627	0.341	17.24	0.37	13.92	43.5083	104.8676727	104.921256	1.179129	104.891685	
2010	27	1600	27.666666667		01/27/2010 16:00	117.82	1.65501	0.341	17.24	0.37	13.86	43.5111	104.8668154	104.920399	1.178229	104.890785	
2010	27	1700	27.708333333		01/27/2010 17:00	117.75	1.65402	0.341	17.23	0.37	13.7	43.5133	104.8661487	104.919732	1.177529	104.890085	
2010	27	1800	27.750000000		01/27/2010 18:00	117.65	1.65262	0.341	17.25	0.369	13.61	43.5164	104.8651961	104.918779	1.176529	104.889085	
2010	27	1900	27.791666667		01/27/2010 19:00	117.7	1.65332	0.341	17.24	0.37	13.53	43.5149	104.8656724	104.919256	1.177029	104.889585	
2010	27	2000	27.833333333		01/27/2010 20:00	117.65	1.65262	0.341	17.23	0.37	13.47	43.5164	104.8651961	104.918779	1.176529	104.889085	
2010	27	2100	27.875000000		01/27/2010 21:00	117.77	1.65431	0.341	17.28	0.369	13.41	43.5127	104.8663392	104.919922	1.177729	104.890285	
2010	27	2200	27.916666667		01/27/2010 22:00	117.91	1.65627	0.341	17.26	0.369	13.36	43.5083	104.8676727	104.921256	1.179129	104.891685	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	27	2300	27.958333333		01/27/2010 23:00	118.1	1.65894	0.341	17.24	0.369	13.31	43.5024	104.8694824	104.923066	1.181029	104.893585	
2010	27	2400	28.000000000		01/28/2010 0:00	118.36	1.66259	0.341	17.25	0.369	13.26	43.4942	104.8719589	104.925542	1.183629	104.896185	
2010	28	100	28.041666667		01/28/2010 1:00	118.54	1.66512	0.341	17.22	0.37	13.21	43.4886	104.8736734	104.927257	1.185429	104.897985	
2010	28	200	28.083333333		01/28/2010 2:00	118.83	1.66920	0.341	17.24	0.369	13.16	43.4795	104.8764357	104.930019	1.188329	104.900885	
2010	28	300	28.125000000		01/28/2010 3:00	119.15	1.67369	0.341	17.26	0.369	13.12	43.4695	104.8794837	104.933067	1.191529	104.904085	
2010	28	400	28.166666667		01/28/2010 4:00	119.55	1.67931	0.341	17.23	0.369	13.07	43.4570	104.8832937	104.936877	1.195529	104.908085	
2010	28	500	28.208333333		01/28/2010 5:00	119.9	1.68423	0.341	17.25	0.369	13.03	43.4461	104.8866275	104.940211	1.199030	104.911585	
2010	28	600	28.250000000		01/28/2010 6:00	120.2	1.68844	0.341	17.25	0.369	12.99	43.4367	104.889485	104.943068	1.202030	104.914585	
2010	28	700	28.291666667		01/28/2010 7:00	120.59	1.69392	0.341	17.25	0.369	12.94	43.4245	104.8931998	104.946783	1.205930	104.918485	
2010	28	800	28.333333333		01/28/2010 8:00	120.9	1.69827	0.34	17.27	0.369	14.11	43.4149	104.8961526	104.949736	1.209030	104.921585	
2010	28	900	28.375000000		01/28/2010 9:00	121.03	1.70010	0.34	17.27	0.369	14.13	43.4108	104.8973908	104.950974	1.210330	104.922885	
2010	28	1000	28.416666667		01/28/2010 10:00	121.29	1.70375	0.341	17.24	0.369	14.05	43.4027	104.8998673	104.953451	1.212930	104.925485	
2010	28	1100	28.458333333		01/28/2010 11:00	121.43	1.70572	0.341	17.25	0.369	14	43.3983	104.9012008	104.954784	1.214330	104.926886	
2010	28	1200	28.500000000		01/28/2010 12:00	121.57	1.70768	0.341	17.27	0.369	13.94	43.3939	104.9025344	104.956118	1.215730	104.928286	
2010	28	1300	28.541666667		01/28/2010 13:00	121.61	1.70825	0.341	17.24	0.369	13.92	43.3927	104.9029154	104.956499	1.216130	104.928686	
2010	28	1400	28.583333333		01/28/2010 14:00	121.62	1.70839	0.341	17.24	0.369	13.91	43.3924	104.9030106	104.956594	1.216230	104.928786	
2010	28	1500	28.625000000		01/28/2010 15:00	121.59	1.70796	0.34	17.24	0.369	13.92	43.3933	104.9027249	104.956308	1.215930	104.928486	
2010	28	1600	28.666666667		01/28/2010 16:00	121.55	1.70740	0.34	17.24	0.369	13.78	43.3945	104.9023439	104.955927	1.215530	104.928086	
2010	28	1700	28.708333333		01/28/2010 17:00	121.47	1.70628	0.341	17.25	0.369	13.64	43.3970	104.9015819	104.955165	1.214730	104.927286	
2010	28	1800	28.750000000		01/28/2010 18:00	121.37	1.70487	0.34	17.24	0.369	13.55	43.4002	104.9006293	104.954213	1.213730	104.926286	
2010	28	1900	28.791666667		01/28/2010 19:00	121.34	1.70445	0.341	17.25	0.369	13.48	43.4011	104.9003436	104.953927	1.213430	104.925985	
2010	28	2000	28.833333333		01/28/2010 20:00	121.27	1.70347	0.34	17.26	0.369	13.42	43.4033	104.8996768	104.953260	1.212730	104.925285	
2010	28	2100	28.875000000		01/28/2010 21:00	121.16	1.70192	0.341	17.24	0.369	13.36	43.4067	104.8986291	104.952212	1.211630	104.924185	
2010	28	2200	28.916666667		01/28/2010 22:00	121.02	1.69996	0.34	17.26	0.369	13.3	43.4111	104.8972956	104.950879	1.210230	104.922785	
2010	28	2300	28.958333333		01/28/2010 23:00	121.01	1.69982	0.34	17.23	0.369	13.25	43.4114	104.8972003	104.950784	1.210130	104.922685	
2010	28	2400	29.000000000		01/29/2010 0:00	121.07	1.70066	0.34	17.25	0.369	13.21	43.4095	104.8977718	104.951355	1.210730	104.923285	
2010	29	100	29.041666667		01/29/2010 1:00	121.06	1.70052	0.34	17.23	0.369	13.16	43.4099	104.8976766	104.951260	1.210630	104.923185	
2010	29	200	29.083333333		01/29/2010 2:00	121.21	1.70263	0.34	17.26	0.369	13.11	43.4052	104.8991053	104.952689	1.212130	104.924685	
2010	29	300	29.125000000		01/29/2010 3:00	121.4	1.70530	0.34	17.25	0.369	13.07	43.3992	104.9009151	104.954498	1.214030	104.926586	
2010	29	400	29.166666667		01/29/2010 4:00	121.61	1.70825	0.34	17.27	0.369	13.03	43.3927	104.9029154	104.956499	1.216130	104.928686	
2010	29	500	29.208333333		01/29/2010 5:00	121.87	1.71190	0.34	17.26	0.369	12.99	43.3845	104.9053919	104.958975	1.218730	104.931286	
2010	29	600	29.250000000		01/29/2010 6:00	122.07	1.71471	0.34	17.25	0.369	12.95	43.3783	104.9072969	104.960880	1.220730	104.933286	
2010	29	700	29.291666667		01/29/2010 7:00	122.28	1.71766	0.341	17.25	0.369	12.92	43.3717	104.9092971	104.962880	1.222830	104.935386	
2010	29	800	29.333333333		01/29/2010 8:00	122.51	1.72089	0.34	17.25	0.369	12.9	43.3645	104.9114879	104.965071	1.225130	104.937686	
2010	29	900	29.375000000		01/29/2010 9:00	122.71	1.72370	0.34	17.26	0.369	14.04	43.3583	104.9133929	104.966976	1.227130	104.939686	
2010	29	1000	29.416666667		01/29/2010 10:00	122.84	1.72552	0.34	17.25	0.369	14.02	43.3542	104.9146312	104.968214	1.228430	104.940986	
2010	29	1100	29.458333333		01/29/2010 11:00	123.06	1.72861	0.341	17.25	0.369	13.96	43.3474	104.9167267	104.970310	1.230630	104.943186	
2010	29	1200	29.500000000		01/29/2010 12:00	123.16	1.73002	0.34	17.25	0.369	13.95	43.3442	104.9176792	104.971262	1.231630	104.944186	
2010	29	1300	29.541666667		01/29/2010 13:00	123.23	1.73100	0.34	17.25	0.369	13.92	43.3420	104.9183459	104.971929	1.232330	104.944886	
2010	29	1400	29.583333333		01/29/2010 14:00	123.28	1.73170	0.34	17.26	0.369	13.92	43.3405	104.9188222	104.972405	1.232830	104.945386	
2010	29	1500	29.625000000		01/29/2010 15:00	123.29	1.73184	0.34	17.25	0.369	13.92	43.3402	104.9189174	104.972501	1.232930	104.945486	
2010	29	1600	29.666666667		01/29/2010 16:00	123.24	1.73114	0.34	17.26	0.369	13.76	43.3417	104.9184412	104.972024	1.232430	104.944986	
2010	29	1700	29.708333333		01/29/2010 17:00	123.16	1.73002	0.341	17.24	0.369	13.63	43.3442	104.9176792	104.971262	1.231630	104.944186	
2010	29	1800	29.750000000		01/29/2010 18:00	123.09	1.72903	0.34	17.26	0.369	13.53	43.3464	104.9170124	104.970596	1.230930	104.943486	
2010	29	1900	29.791666667		01/29/2010 19:00	123.01	1.72791	0.34	17.22	0.369	13.46	43.3489	104.9162504	104.969834	1.230130	104.942686	
2010	29	2000	29.833333333		01/29/2010 20:00	122.93	1.72679	0.34	17.24	0.369	13.4	43.3514	104.9154884	104.969072	1.229330	104.941886	
2010	29	2100	29.875000000		01/29/2010 21:00	122.79	1.72482	0.34	17.26	0.369	13.35	43.3558	104.9141549	104.967738	1.227930	104.940486	
2010	29	2200	29.916666667		01/29/2010 22:00	122.71	1.72370	0.34	17.28	0.369	13.3	43.3583	104.9133929	104.966976	1.227130	104.939686	
2010	29	2300	29.958333333		01/29/2010 23:00	122.49	1.72061	0.34	17.27	0.369	13.25	43.3652	104.9112974	104.964881	1.224930	104.937486	
2010	29	2400	30.000000000		01/30/2010 0:00	122.58	1.72187	0.34	17.27	0.369	13.2	43.3624	104.9121547	104.965738	1.225830	104.938386	
2010	30	100	30.041666667		01/30/2010 1:00	122.66	1.72299	0.34	17.26	0.369	13.15	43.3599	104.9129167	104.966500	1.226630	104.939186	
2010	30	200	30.083333333		01/30/2010 2:00	122.85	1.72566	0.34	17.25	0.369	13.11	43.3539	104.9147264	104.968310	1.228530	104.941086	
2010	30	300	30.125000000		01/30/2010 3:00	123.05	1.72847	0.34	17.27	0.369	13.07	43.3477	104.9166314	104.970215	1.230530	104.943086	
2010	30	400	30.166666667		01/30/2010 4:00	123.29	1.73184	0.34	17.27	0.369	13.02	43.3402	104.9189174	104.972501	1.232930	104.945486	
2010	30	500	30.208333333		01/30/2010 5:00	123.52	1.73508	0.341	17.24	0.369	12.98	43.3330	104.9211082	104.974691	1.235230	104.947786	
2010	30	600	30.250000000		01/30/2010 6:00	123.72	1.73788	0.34	17.23	0.369	12.94	43.3267	104.9230132	104.976596	1.237231	104.949786	
2010	30	700	30.291666667		01/30/2010 7:00	123.99	1.74168	0.34	17.27	0.369	12.9	43.3183	104.925585	104.979168	1.239931	104.952486	
2010	30	800	30.333333333		01/30/2010 8:00	124.2	1.74463	0.34	17.22	0.369	12.91	43.3117	104.9275852	104.981169	1.242031	104.954586	
2010	30	900	30.375000000		01/30/2010 9:00	124.41	1.74758	0.34	17.27	0.369	14.01	43.3052	104.9295855	104.983169	1.244131	104.956686	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	30	1000	30.416666667		01/30/2010 10:00	124.55	1.74954	0.34	17.28	0.369	14.02	43.3008	104.930919	104.984502	1.245531	104.958086	
2010	30	1100	30.458333333		01/30/2010 11:00	124.72	1.75193	0.34	17.26	0.369	13.98	43.2955	104.9325383	104.986122	1.247231	104.959786	
2010	30	1200	30.500000000		01/30/2010 12:00	124.82	1.75334	0.34	17.23	0.369	13.96	43.2924	104.9334908	104.987074	1.248231	104.960786	
2010	30	1300	30.541666667		01/30/2010 13:00	124.95	1.75516	0.34	17.28	0.369	13.93	43.2883	104.934729	104.988312	1.249531	104.962086	
2010	30	1400	30.583333333		01/30/2010 14:00	124.95	1.75516	0.34	17.24	0.369	13.92	43.2883	104.934729	104.988312	1.249531	104.962086	
2010	30	1500	30.625000000		01/30/2010 15:00	124.99	1.75572	0.34	17.25	0.369	13.82	43.2870	104.93511	104.988693	1.249931	104.962486	
2010	30	1600	30.666666667		01/30/2010 16:00	125.01	1.75601	0.34	17.27	0.369	13.67	43.2864	104.9353005	104.988884	1.250131	104.962686	
2010	30	1700	30.708333333		01/30/2010 17:00	125.03	1.75629	0.34	17.25	0.369	13.57	43.2858	104.935491	104.989074	1.250331	104.962886	
2010	30	1800	30.750000000		01/30/2010 18:00	125.05	1.75657	0.34	17.27	0.369	13.49	43.2852	104.9356815	104.989265	1.250531	104.963086	
2010	30	1900	30.791666667		01/30/2010 19:00	125.19	1.75853	0.34	17.26	0.369	13.42	43.2808	104.9370151	104.990598	1.251931	104.964486	
2010	30	2000	30.833333333		01/30/2010 20:00	125.36	1.76092	0.34	17.27	0.369	13.36	43.2755	104.9386343	104.992218	1.253631	104.966186	
2010	30	2100	30.875000000		01/30/2010 21:00	125.51	1.76303	0.34	17.27	0.369	13.31	43.2708	104.9400631	104.993646	1.255131	104.967687	
2010	30	2200	30.916666667		01/30/2010 22:00	125.78	1.76682	0.34	17.27	0.369	13.26	43.2624	104.9426348	104.996218	1.257831	104.970387	
2010	30	2300	30.958333333		01/30/2010 23:00	126.06	1.77075	0.34	17.26	0.369	13.21	43.2536	104.9453018	104.998885	1.260631	104.973187	
2010	30	2400	31.000000000		01/31/2010 0:00	126.36	1.77497	0.34	17.28	0.369	13.16	43.2442	104.9481594	105.001743	1.263631	104.976187	
2010	31	100	31.041666667		01/31/2010 1:00	126.68	1.77946	0.34	17.27	0.369	13.11	43.2342	104.9512074	105.004791	1.266831	104.979387	
2010	31	200	31.083333333		01/31/2010 2:00	126.96	1.78340	0.34	17.26	0.369	13.07	43.2255	104.9538744	105.007458	1.269631	104.982187	
2010	31	300	31.125000000		01/31/2010 3:00	127.26	1.78761	0.34	17.26	0.369	13.03	43.2161	104.9567319	105.010315	1.272631	104.985187	
2010	31	400	31.166666667		01/31/2010 4:00	127.54	1.79154	0.34	17.27	0.369	12.99	43.2074	104.9593989	105.012982	1.275431	104.987987	
2010	31	500	31.208333333		01/31/2010 5:00	127.83	1.79562	0.34	17.26	0.369	12.95	43.1983	104.9621612	105.015744	1.278332	104.990887	
2010	31	600	31.250000000		01/31/2010 6:00	128.08	1.79913	0.341	17.27	0.369	12.91	43.1905	104.9645425	105.018126	1.280832	104.993387	
2010	31	700	31.291666667		01/31/2010 7:00	128.18	1.80053	0.34	17.24	0.369	12.88	43.1874	104.965495	105.019078	1.281832	104.994387	
2010	31	800	31.333333333		01/31/2010 8:00	128.37	1.80320	0.34	17.26	0.369	12.86	43.1814	104.9673047	105.020888	1.283732	104.996287	
2010	31	900	31.375000000		01/31/2010 9:00	128.5	1.80503	0.34	17.27	0.369	13.59	43.1774	104.968543	105.022126	1.285032	104.997587	
2010	31	1000	31.416666667		01/31/2010 10:00	128.55	1.80573	0.341	17.26	0.369	14	43.1758	104.9690192	105.022602	1.285532	104.998087	
2010	31	1100	31.458333333		01/31/2010 11:00	128.59	1.80629	0.341	17.28	0.369	13.96	43.1745	104.9694002	105.022983	1.285932	104.998487	
2010	31	1200	31.500000000		01/31/2010 12:00	128.6	1.80643	0.341	17.25	0.369	13.92	43.1742	104.9694955	105.023079	1.286032	104.998587	
2010	31	1300	31.541666667		01/31/2010 13:00	128.56	1.80587	0.34	17.27	0.369	13.88	43.1755	104.9691145	105.022698	1.285632	104.998187	
2010	31	1400	31.583333333		01/31/2010 14:00	128.46	1.80447	0.341	17.27	0.369	13.86	43.1786	104.968162	105.021745	1.284632	104.997187	
2010	31	1500	31.625000000		01/31/2010 15:00	128.39	1.80348	0.341	17.27	0.37	13.83	43.1808	104.9674952	105.021078	1.283932	104.996487	
2010	31	1600	31.666666667		01/31/2010 16:00	128.27	1.80180	0.341	17.26	0.37	13.76	43.1845	104.9663522	105.019935	1.282732	104.995287	
2010	31	1700	31.708333333		01/31/2010 17:00	128.17	1.80039	0.341	17.27	0.369	13.61	43.1877	104.9653997	105.018983	1.281732	104.994287	
2010	31	1800	31.750000000		01/31/2010 18:00	128.05	1.79871	0.341	17.26	0.369	13.52	43.1914	104.9642567	105.017840	1.280532	104.993087	
2010	31	1900	31.791666667		01/31/2010 19:00	127.96	1.79744	0.341	17.27	0.369	13.45	43.1942	104.9633994	105.016983	1.279632	104.992187	
2010	31	2000	31.833333333		01/31/2010 20:00	127.84	1.79576	0.341	17.27	0.369	13.39	43.1980	104.9622564	105.015840	1.278432	104.990987	
2010	31	2100	31.875000000		01/31/2010 21:00	127.69	1.79365	0.341	17.28	0.369	13.34	43.2027	104.9608277	105.014411	1.276931	104.989487	
2010	31	2200	31.916666667		01/31/2010 22:00	127.58	1.79211	0.341	17.29	0.369	13.28	43.2061	104.9597799	105.013363	1.275831	104.988387	
2010	31	2300	31.958333333		01/31/2010 23:00	127.49	1.79084	0.341	17.28	0.37	13.23	43.2089	104.9589227	105.012506	1.274931	104.987487	
2010	31	2400	32.000000000		02/01/2010 0:00	127.4	1.78958	0.341	17.27	0.369	13.19	43.2117	104.9580654	105.011649	1.274031	104.986587	
2010	32	100	32.041666667		02/01/2010 1:00	127.24	1.78733	0.341	17.26	0.37	13.14	43.2167	104.9565414	105.010125	1.272431	104.984987	
2010	32	200	32.083333333		02/01/2010 2:00	127.13	1.78578	0.341	17.29	0.37	13.09	43.2202	104.9554937	105.009077	1.271331	104.983887	
2010	32	300	32.125000000		02/01/2010 3:00	127	1.78396	0.341	17.28	0.37	13.05	43.2242	104.9542554	105.007839	1.270031	104.982587	
2010	32	400	32.166666667		02/01/2010 4:00	126.95	1.78326	0.341	17.26	0.37	13.01	43.2258	104.9537791	105.007362	1.269531	104.982087	
2010	32	500	32.208333333		02/01/2010 5:00	126.8	1.78115	0.341	17.26	0.37	12.97	43.2305	104.9523504	105.005934	1.268031	104.980587	
2010	32	600	32.250000000		02/01/2010 6:00	126.69	1.77960	0.341	17.28	0.37	12.94	43.2339	104.9513026	105.004886	1.266931	104.979487	
2010	32	700	32.291666667		02/01/2010 7:00	126.59	1.77820	0.341	17.28	0.37	12.9	43.2370	104.9503501	105.003933	1.265931	104.978487	
2010	32	800	32.333333333		02/01/2010 8:00	126.47	1.77651	0.341	17.27	0.37	12.87	43.2408	104.9492071	105.002790	1.264731	104.977287	
2010	32	900	32.375000000		02/01/2010 9:00	126.37	1.77511	0.341	17.25	0.37	12.95	43.2439	104.9482546	105.001838	1.263731	104.976287	
2010	32	1000	32.416666667		02/01/2010 10:00	126.24	1.77328	0.341	17.26	0.37	14.05	43.2480	104.9470164	105.000600	1.262431	104.974987	
2010	32	1100	32.458333333		02/01/2010 11:00	126.15	1.77202	0.341	17.25	0.37	14.05	43.2508	104.9461591	104.999742	1.261531	104.974087	
2010	32	1200	32.500000000		02/01/2010 12:00	126	1.76991	0.341	17.27	0.37	14.01	43.2555	104.9447303	104.998314	1.260031	104.972587	
2010	32	1300	32.541666667		02/01/2010 13:00	125.89	1.76837	0.341	17.26	0.37	13.98	43.2589	104.9436826	104.997266	1.258931	104.971487	
2010	32	1400	32.583333333		02/01/2010 14:00	125.76	1.76654	0.341	17.26	0.37	13.96	43.2630	104.9424443	104.996028	1.257631	104.970187	
2010	32	1500	32.625000000		02/01/2010 15:00	125.56	1.76373	0.341	17.26	0.37	13.95	43.2692	104.9405393	104.994123	1.255631	104.968187	
2010	32	1600	32.666666667		02/01/2010 16:00	125.4	1.76148	0.341	17.26	0.37	13.88	43.2742	104.9390153	104.992599	1.254031	104.966586	
2010	32	1700	32.708333333		02/01/2010 17:00	125.19	1.75853	0.341	17.24	0.37	13.7	43.2808	104.9370151	104.990598	1.251931	104.964486	
2010	32	1800	32.750000000		02/01/2010 18:00	125.05	1.75657	0.341	17.25	0.37	13.6	43.2852	104.9356815	104.989265	1.250531	104.963086	
2010	32	1900	32.791666667		02/01/2010 19:00	124.88	1.75418	0.341	17.28	0.37	13.53	43.2905	104.9340623	104.987646	1.248831	104.961386	
2010	32	2000	32.833333333		02/01/2010 20:00	124.73	1.75207	0.341	17.27	0.37	13.46	43.2952	104.9326335	104.986217	1.247331	104.959886	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	32	2100	32.875000000		02/01/2010 21:00	124.55	1.74954	0.341	17.28	0.37	13.4	43.3008	104.930919	104.984502	1.245531	104.958086	
2010	32	2200	32.916666667		02/01/2010 22:00	124.36	1.74687	0.341	17.27	0.37	13.34	43.3067	104.9291093	104.982693	1.243631	104.956186	
2010	32	2300	32.958333333		02/01/2010 23:00	124.21	1.74477	0.341	17.26	0.37	13.3	43.3114	104.9276805	104.981264	1.242131	104.954686	
2010	32	2400	33.000000000		02/02/2010 0:00	124.04	1.74238	0.341	17.29	0.37	13.24	43.3167	104.9260612	104.979644	1.240431	104.952986	
2010	33	100	33.041666667		02/02/2010 1:00	123.91	1.74055	0.341	17.28	0.37	13.19	43.3208	104.924823	104.978406	1.239131	104.951686	
2010	33	200	33.083333333		02/02/2010 2:00	123.71	1.73774	0.341	17.26	0.37	13.15	43.3270	104.922918	104.976501	1.237131	104.949686	
2010	33	300	33.125000000		02/02/2010 3:00	123.56	1.73564	0.341	17.26	0.37	13.1	43.3317	104.9214892	104.975072	1.235630	104.948186	
2010	33	400	33.166666667		02/02/2010 4:00	123.45	1.73409	0.341	17.23	0.37	13.06	43.3352	104.9204415	104.974025	1.234530	104.947086	
2010	33	500	33.208333333		02/02/2010 5:00	123.3	1.73198	0.341	17.24	0.37	13.01	43.3399	104.9190127	104.972596	1.233030	104.945586	
2010	33	600	33.250000000		02/02/2010 6:00	123.13	1.72960	0.341	17.26	0.37	12.98	43.3452	104.9173934	104.970977	1.231330	104.943886	
2010	33	700	33.291666667		02/02/2010 7:00	123	1.72777	0.341	17.26	0.37	12.94	43.3492	104.9161552	104.969738	1.230030	104.942586	
2010	33	800	33.333333333		02/02/2010 8:00	122.85	1.72566	0.341	17.26	0.37	14.06	43.3539	104.9147264	104.968310	1.228530	104.941086	
2010	33	900	33.375000000		02/02/2010 9:00	122.65	1.72285	0.341	17.27	0.37	14.09	43.3602	104.9128214	104.966405	1.226530	104.939086	
2010	33	1000	33.416666667		02/02/2010 10:00	122.57	1.72173	0.341	17.27	0.37	14	43.3627	104.9120594	104.965643	1.225730	104.938286	
2010	33	1100	33.458333333		02/02/2010 11:00	122.48	1.72047	0.341	17.28	0.37	13.94	43.3655	104.9112022	104.964785	1.224830	104.937386	
2010	33	1200	33.500000000		02/02/2010 12:00	122.34	1.71850	0.341	17.27	0.37	13.92	43.3699	104.9098686	104.963452	1.223430	104.935986	
2010	33	1300	33.541666667		02/02/2010 13:00	122.2	1.71653	0.341	17.27	0.37	13.9	43.3742	104.9085351	104.962118	1.222030	104.934586	
2010	33	1400	33.583333333		02/02/2010 14:00	122.14	1.71569	0.341	17.27	0.37	13.88	43.3761	104.9079636	104.961547	1.221430	104.933986	
2010	33	1500	33.625000000		02/02/2010 15:00	122.07	1.71471	0.341	17.26	0.37	13.87	43.3783	104.9072969	104.960880	1.220730	104.933286	
2010	33	1600	33.666666667		02/02/2010 16:00	121.95	1.71302	0.341	17.27	0.37	13.78	43.3820	104.9061539	104.959737	1.219530	104.932086	
2010	33	1700	33.708333333		02/02/2010 17:00	121.89	1.71218	0.341	17.25	0.37	13.68	43.3839	104.9055824	104.959166	1.218930	104.931486	
2010	33	1800	33.750000000		02/02/2010 18:00	121.93	1.71274	0.342	17.25	0.37	13.57	43.3827	104.9059634	104.959547	1.219330	104.931886	
2010	33	1900	33.791666667		02/02/2010 19:00	121.92	1.71260	0.341	17.27	0.37	13.51	43.3830	104.9058681	104.959451	1.219230	104.931786	
2010	33	2000	33.833333333		02/02/2010 20:00	121.97	1.71330	0.341	17.29	0.37	13.44	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	33	2100	33.875000000		02/02/2010 21:00	121.97	1.71330	0.342	17.25	0.37	13.38	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	33	2200	33.916666667		02/02/2010 22:00	122	1.71372	0.342	17.25	0.37	13.33	43.3805	104.9066301	104.960213	1.220030	104.932586	
2010	33	2300	33.958333333		02/02/2010 23:00	121.99	1.71358	0.342	17.27	0.37	13.28	43.3808	104.9065349	104.960118	1.219930	104.932486	
2010	33	2400	34.000000000		02/03/2010 0:00	121.98	1.71344	0.342	17.28	0.37	13.23	43.3811	104.9064396	104.960023	1.219830	104.932386	
2010	34	100	34.041666667		02/03/2010 1:00	122.01	1.71386	0.342	17.29	0.37	13.19	43.3802	104.9067254	104.960309	1.220130	104.932686	
2010	34	200	34.083333333		02/03/2010 2:00	122	1.71372	0.342	17.27	0.37	13.14	43.3805	104.9066301	104.960213	1.220030	104.932586	
2010	34	300	34.125000000		02/03/2010 3:00	122.08	1.71485	0.341	17.27	0.37	13.09	43.3780	104.9073921	104.960975	1.220830	104.933386	
2010	34	400	34.166666667		02/03/2010 4:00	122.07	1.71471	0.341	17.28	0.37	13.05	43.3783	104.9072969	104.960880	1.220730	104.933286	
2010	34	500	34.208333333		02/03/2010 5:00	122.09	1.71499	0.341	17.28	0.37	13.01	43.3777	104.9074874	104.961071	1.220930	104.933486	
2010	34	600	34.250000000		02/03/2010 6:00	122.2	1.71653	0.341	17.27	0.37	12.97	43.3742	104.9085351	104.962118	1.222030	104.934586	
2010	34	700	34.291666667		02/03/2010 7:00	122.17	1.71611	0.341	17.26	0.37	12.93	43.3752	104.9082494	104.961833	1.221730	104.934286	
2010	34	800	34.333333333		02/03/2010 8:00	122.27	1.71752	0.341	17.28	0.37	12.9	43.3720	104.9092019	104.962785	1.222730	104.935286	
2010	34	900	34.375000000		02/03/2010 9:00	122.39	1.71920	0.341	17.27	0.37	13.69	43.3683	104.9103449	104.963928	1.223930	104.936486	
2010	34	1000	34.416666667		02/03/2010 10:00	122.36	1.71878	0.341	17.26	0.37	14.06	43.3692	104.9100591	104.963642	1.223630	104.936186	
2010	34	1100	34.458333333		02/03/2010 11:00	122.48	1.72047	0.341	17.27	0.37	14.06	43.3655	104.9112022	104.964785	1.224830	104.937386	
2010	34	1200	34.500000000		02/03/2010 12:00	122.61	1.72229	0.341	17.28	0.369	14.03	43.3614	104.9124404	104.966024	1.226130	104.938686	
2010	34	1300	34.541666667		02/03/2010 13:00	122.68	1.72328	0.341	17.27	0.37	13.98	43.3592	104.9131072	104.966690	1.226830	104.939386	
2010	34	1400	34.583333333		02/03/2010 14:00	122.75	1.72426	0.341	17.29	0.37	13.96	43.3570	104.9137739	104.967357	1.227530	104.940086	
2010	34	1500	34.625000000		02/03/2010 15:00	122.81	1.72510	0.341	17.28	0.37	13.93	43.3552	104.9143454	104.967929	1.228130	104.940686	
2010	34	1600	34.666666667		02/03/2010 16:00	122.88	1.72609	0.341	17.29	0.37	13.96	43.3530	104.9150122	104.968595	1.228830	104.941386	
2010	34	1700	34.708333333		02/03/2010 17:00	123	1.72777	0.341	17.27	0.37	13.82	43.3492	104.9161552	104.969738	1.230030	104.942586	
2010	34	1800	34.750000000		02/03/2010 18:00	123.15	1.72988	0.341	17.27	0.37	13.68	43.3445	104.9175839	104.971167	1.231530	104.944086	
2010	34	1900	34.791666667		02/03/2010 19:00	123.31	1.73213	0.341	17.28	0.37	13.6	43.3395	104.9191079	104.972691	1.233130	104.945686	
2010	34	2000	34.833333333		02/03/2010 20:00	123.49	1.73465	0.341	17.26	0.37	13.53	43.3339	104.9208225	104.974406	1.234930	104.947486	
2010	34	2100	34.875000000		02/03/2010 21:00	123.59	1.73606	0.341	17.27	0.37	13.47	43.3308	104.921775	104.975358	1.235930	104.948486	
2010	34	2200	34.916666667		02/03/2010 22:00	123.7	1.73760	0.341	17.28	0.37	13.41	43.3274	104.9228227	104.976406	1.237031	104.949586	
2010	34	2300	34.958333333		02/03/2010 23:00	123.83	1.73943	0.341	17.26	0.37	13.36	43.3233	104.924061	104.977644	1.238331	104.950886	
2010	34	2400	35.000000000		02/04/2010 0:00	123.93	1.74083	0.341	17.27	0.37	13.31	43.3202	104.9250135	104.978597	1.239331	104.951886	
2010	35	100	35.041666667		02/04/2010 1:00	123.97	1.74140	0.341	17.28	0.369	13.26	43.3189	104.9253945	104.978978	1.239731	104.952286	
2010	35	200	35.083333333		02/04/2010 2:00	124	1.74182	0.341	17.29	0.369	13.21	43.3180	104.9256802	104.979263	1.240031	104.952586	
2010	35	300	35.125000000		02/04/2010 3:00	124.02	1.74210	0.341	17.26	0.369	13.16	43.3174	104.9258707	104.979454	1.240231	104.952786	
2010	35	400	35.166666667		02/04/2010 4:00	123.97	1.74140	0.341	17.28	0.369	13.12	43.3189	104.9253945	104.978978	1.239731	104.952286	
2010	35	500	35.208333333		02/04/2010 5:00	123.91	1.74055	0.341	17.29	0.369	13.08	43.3208	104.924823	104.978406	1.239131	104.951686	
2010	35	600	35.250000000		02/04/2010 6:00	123.88	1.74013	0.341	17.29	0.369	13.04	43.3217	104.9245372	104.978120	1.238831	104.951386	
2010	35	700	35.291666667		02/04/2010 7:00	123.89	1.74027	0.341	17.25	0.369	12.99	43.3214	104.9246325	104.978216	1.238931	104.951486	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	35	800	35.333333333		02/04/2010 8:00	123.79	1.73887	0.341	17.26	0.37	12.95	43.3245	104.92368	104.977263	1.237931	104.950486	
2010	35	900	35.375000000		02/04/2010 9:00	123.73	1.73803	0.341	17.29	0.37	14.03	43.3264	104.9231085	104.976692	1.237331	104.949886	
2010	35	1000	35.416666667		02/04/2010 10:00	123.72	1.73788	0.341	17.26	0.37	14.03	43.3267	104.9230132	104.976596	1.237231	104.949786	
2010	35	1100	35.458333333		02/04/2010 11:00	123.7	1.73760	0.341	17.29	0.369	13.97	43.3274	104.9228227	104.976406	1.237031	104.949586	
2010	35	1200	35.500000000		02/04/2010 12:00	123.64	1.73676	0.341	17.26	0.369	13.94	43.3292	104.9222512	104.975834	1.236430	104.948986	
2010	35	1300	35.541666667		02/04/2010 13:00	123.63	1.73662	0.341	17.26	0.369	13.9	43.3295	104.922156	104.975739	1.236330	104.948886	
2010	35	1400	35.583333333		02/04/2010 14:00	123.56	1.73564	0.341	17.26	0.369	13.88	43.3317	104.9214892	104.975072	1.235630	104.948186	
2010	35	1500	35.625000000		02/04/2010 15:00	123.51	1.73493	0.341	17.28	0.369	13.88	43.3333	104.921013	104.974596	1.235130	104.947686	
2010	35	1600	35.666666667		02/04/2010 16:00	123.48	1.73451	0.341	17.27	0.369	13.76	43.3342	104.9207272	104.974310	1.234830	104.947386	
2010	35	1700	35.708333333		02/04/2010 17:00	123.43	1.73381	0.341	17.28	0.369	13.63	43.3358	104.920251	104.973834	1.234330	104.946886	
2010	35	1800	35.750000000		02/04/2010 18:00	123.37	1.73297	0.341	17.28	0.369	13.53	43.3377	104.9196795	104.973263	1.233730	104.946286	
2010	35	1900	35.791666667		02/04/2010 19:00	123.31	1.73213	0.341	17.29	0.369	13.45	43.3395	104.9191079	104.972691	1.233130	104.945686	
2010	35	2000	35.833333333		02/04/2010 20:00	123.32	1.73227	0.341	17.3	0.369	13.39	43.3392	104.9192032	104.972786	1.233230	104.945786	
2010	35	2100	35.875000000		02/04/2010 21:00	123.25	1.73128	0.341	17.27	0.369	13.34	43.3414	104.9185364	104.972120	1.232530	104.945086	
2010	35	2200	35.916666667		02/04/2010 22:00	123.19	1.73044	0.341	17.26	0.369	13.28	43.3433	104.9179649	104.971548	1.231930	104.944486	
2010	35	2300	35.958333333		02/04/2010 23:00	123.15	1.72988	0.341	17.26	0.369	13.23	43.3445	104.9175839	104.971167	1.231530	104.944086	
2010	35	2400	36.000000000		02/05/2010 0:00	123.14	1.72974	0.341	17.28	0.369	13.18	43.3449	104.9174887	104.971072	1.231430	104.943986	
2010	36	100	36.041666667		02/05/2010 1:00	123.09	1.72903	0.341	17.26	0.369	13.14	43.3464	104.9170124	104.970596	1.230930	104.943486	
2010	36	200	36.083333333		02/05/2010 2:00	123.05	1.72847	0.341	17.27	0.369	13.1	43.3477	104.9166314	104.970215	1.230530	104.943086	
2010	36	300	36.125000000		02/05/2010 3:00	122.95	1.72707	0.341	17.27	0.369	13.05	43.3508	104.9156789	104.969262	1.229530	104.942086	
2010	36	400	36.166666667		02/05/2010 4:00	122.83	1.72538	0.341	17.27	0.369	13.01	43.3545	104.9145359	104.968119	1.228330	104.940886	
2010	36	500	36.208333333		02/05/2010 5:00	122.85	1.72566	0.341	17.27	0.369	12.97	43.3539	104.9147264	104.968310	1.228530	104.941086	
2010	36	600	36.250000000		02/05/2010 6:00	122.7	1.72356	0.341	17.29	0.369	12.93	43.3586	104.9132977	104.966881	1.227030	104.939586	
2010	36	700	36.291666667		02/05/2010 7:00	122.6	1.72215	0.34	17.28	0.369	12.9	43.3617	104.9123452	104.965928	1.226030	104.938586	
2010	36	800	36.333333333		02/05/2010 8:00	122.59	1.72201	0.341	17.28	0.369	12.87	43.3620	104.9122499	104.965833	1.225930	104.938486	
2010	36	900	36.375000000		02/05/2010 9:00	122.61	1.72229	0.341	17.29	0.369	12.9	43.3614	104.9124404	104.966024	1.226130	104.938686	
2010	36	1000	36.416666667		02/05/2010 10:00	122.74	1.72412	0.341	17.27	0.369	13.61	43.3574	104.9136787	104.967262	1.227430	104.939986	
2010	36	1100	36.458333333		02/05/2010 11:00	122.93	1.72679	0.341	17.28	0.369	13.95	43.3514	104.9154884	104.969072	1.229330	104.941886	
2010	36	1200	36.500000000		02/05/2010 12:00	123.04	1.72833	0.34	17.28	0.369	13.94	43.3480	104.9165362	104.970119	1.230430	104.942986	
2010	36	1300	36.541666667		02/05/2010 13:00	123.21	1.73072	0.341	17.26	0.369	13.86	43.3427	104.9181554	104.971739	1.232130	104.944686	
2010	36	1400	36.583333333		02/05/2010 14:00	123.31	1.73213	0.34	17.29	0.369	13.86	43.3395	104.9191079	104.972691	1.233130	104.945686	
2010	36	1500	36.625000000		02/05/2010 15:00	123.42	1.73367	0.341	17.28	0.369	13.83	43.3361	104.9201557	104.973739	1.234230	104.946786	
2010	36	1600	36.666666667		02/05/2010 16:00	123.5	1.73479	0.34	17.27	0.369	13.78	43.3336	104.9209177	104.974501	1.235030	104.947586	
2010	36	1700	36.708333333		02/05/2010 17:00	123.51	1.73493	0.34	17.28	0.369	13.62	43.3333	104.921013	104.974596	1.235130	104.947686	
2010	36	1800	36.750000000		02/05/2010 18:00	123.5	1.73479	0.34	17.27	0.369	13.52	43.3336	104.9209177	104.974501	1.235030	104.947586	
2010	36	1900	36.791666667		02/05/2010 19:00	123.49	1.73465	0.34	17.3	0.369	13.44	43.3339	104.9208225	104.974406	1.234930	104.947486	
2010	36	2000	36.833333333		02/05/2010 20:00	123.4	1.73339	0.34	17.3	0.369	13.38	43.3367	104.9199652	104.973548	1.234030	104.946586	
2010	36	2100	36.875000000		02/05/2010 21:00	123.39	1.73325	0.34	17.28	0.369	13.33	43.3370	104.91987	104.973453	1.233930	104.946486	
2010	36	2200	36.916666667		02/05/2010 22:00	123.3	1.73198	0.34	17.28	0.369	13.27	43.3399	104.9190127	104.972596	1.233030	104.945586	
2010	36	2300	36.958333333		02/05/2010 23:00	123.21	1.73072	0.34	17.25	0.369	13.23	43.3427	104.9181554	104.971739	1.232130	104.944686	
2010	36	2400	37.000000000		02/06/2010 0:00	123.15	1.72988	0.34	17.29	0.368	13.17	43.3445	104.9175839	104.971167	1.231530	104.944086	
2010	37	100	37.041666667		02/06/2010 1:00	123.05	1.72847	0.34	17.28	0.368	13.13	43.3477	104.9166314	104.970215	1.230530	104.943086	
2010	37	200	37.083333333		02/06/2010 2:00	122.98	1.72749	0.34	17.28	0.369	13.09	43.3499	104.9159647	104.969548	1.229830	104.942386	
2010	37	300	37.125000000		02/06/2010 3:00	122.88	1.72609	0.34	17.28	0.369	13.05	43.3530	104.9150122	104.968595	1.228830	104.941386	
2010	37	400	37.166666667		02/06/2010 4:00	122.79	1.72482	0.34	17.28	0.368	13	43.3558	104.9141549	104.967738	1.227930	104.940486	
2010	37	500	37.208333333		02/06/2010 5:00	122.65	1.72285	0.34	17.29	0.368	12.96	43.3602	104.9128214	104.966405	1.226530	104.939086	
2010	37	600	37.250000000		02/06/2010 6:00	122.56	1.72159	0.34	17.27	0.369	12.93	43.3630	104.9119642	104.965547	1.225630	104.938186	
2010	37	700	37.291666667		02/06/2010 7:00	122.37	1.71892	0.34	17.26	0.369	12.9	43.3689	104.9101544	104.963738	1.223730	104.936286	
2010	37	800	37.333333333		02/06/2010 8:00	122.16	1.71597	0.34	17.29	0.368	13.63	43.3755	104.9081541	104.961737	1.221630	104.934186	
2010	37	900	37.375000000		02/06/2010 9:00	122.14	1.71569	0.34	17.29	0.368	14.04	43.3761	104.9079636	104.961547	1.221430	104.933986	
2010	37	1000	37.416666667		02/06/2010 10:00	121.88	1.71204	0.34	17.28	0.368	13.98	43.3842	104.9054871	104.959070	1.218830	104.931386	
2010	37	1100	37.458333333		02/06/2010 11:00	121.86	1.71176	0.34	17.29	0.368	13.93	43.3849	104.9052966	104.958880	1.218630	104.931186	
2010	37	1200	37.500000000		02/06/2010 12:00	121.65	1.70881	0.34	17.28	0.368	13.89	43.3914	104.9032964	104.956880	1.216530	104.929086	
2010	37	1300	37.541666667		02/06/2010 13:00	121.51	1.70684	0.34	17.28	0.368	13.85	43.3958	104.9019629	104.955546	1.215130	104.927686	
2010	37	1400	37.583333333		02/06/2010 14:00	121.35	1.70459	0.34	17.27	0.369	13.83	43.4008	104.9004388	104.954022	1.213530	104.926086	
2010	37	1500	37.625000000		02/06/2010 15:00	121.06	1.70052	0.34	17.27	0.369	13.84	43.4099	104.8976766	104.951260	1.210630	104.923185	
2010	37	1600	37.666666667		02/06/2010 16:00	120.94	1.69883	0.34	17.28	0.368	13.85	43.4136	104.8965336	104.950117	1.209430	104.921985	
2010	37	1700	37.708333333		02/06/2010 17:00	120.67	1.69504	0.34	17.28	0.368	13.66	43.4220	104.8939618	104.947545	1.206730	104.919285	
2010	37	1800	37.750000000		02/06/2010 18:00	120.53	1.69307	0.34	17.27	0.368	13.55	43.4264	104.8926283	104.946212	1.205330	104.917885	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	37	1900	37.791666667		02/06/2010 19:00	120.3	1.68984	0.34	17.29	0.368	13.47	43.4336	104.8904375	104.944021	1.203030	104.915585	
2010	37	2000	37.833333333		02/06/2010 20:00	120.14	1.68760	0.34	17.26	0.368	13.41	43.4386	104.8889135	104.942497	1.201430	104.913985	
2010	37	2100	37.875000000		02/06/2010 21:00	119.97	1.68521	0.34	17.29	0.368	13.35	43.4439	104.8872943	104.940878	1.199730	104.912285	
2010	37	2200	37.916666667		02/06/2010 22:00	119.76	1.68226	0.34	17.3	0.368	13.29	43.4505	104.885294	104.938877	1.197630	104.910185	
2010	37	2300	37.958333333		02/06/2010 23:00	119.55	1.67931	0.34	17.26	0.368	13.24	43.4570	104.8832937	104.936877	1.195529	104.908085	
2010	37	2400	38.000000000		02/07/2010 0:00	119.41	1.67734	0.34	17.29	0.368	13.19	43.4614	104.8819602	104.935543	1.194129	104.906685	
2010	38	100	38.041666667		02/07/2010 1:00	119.24	1.67495	0.34	17.29	0.368	13.15	43.4667	104.880341	104.933924	1.192429	104.904985	
2010	38	200	38.083333333		02/07/2010 2:00	119.07	1.67257	0.34	17.26	0.368	13.1	43.4720	104.8787217	104.932305	1.190729	104.903285	
2010	38	300	38.125000000		02/07/2010 3:00	118.94	1.67074	0.34	17.27	0.369	13.06	43.4761	104.8774835	104.931067	1.189429	104.901985	
2010	38	400	38.166666667		02/07/2010 4:00	118.78	1.66849	0.34	17.28	0.369	13.02	43.4811	104.8759595	104.929543	1.187829	104.900385	
2010	38	500	38.208333333		02/07/2010 5:00	118.64	1.66653	0.34	17.29	0.368	12.98	43.4855	104.8746259	104.928209	1.186429	104.898985	
2010	38	600	38.250000000		02/07/2010 6:00	118.47	1.66414	0.34	17.29	0.368	12.94	43.4908	104.8730067	104.926590	1.184729	104.897285	
2010	38	700	38.291666667		02/07/2010 7:00	118.32	1.66203	0.34	17.25	0.369	12.9	43.4955	104.8715779	104.925161	1.183229	104.895785	
2010	38	800	38.333333333		02/07/2010 8:00	118.17	1.65992	0.34	17.3	0.368	12.9	43.5002	104.8701492	104.923732	1.181729	104.894285	
2010	38	900	38.375000000		02/07/2010 9:00	118	1.65754	0.34	17.27	0.369	13.5	43.5055	104.8685299	104.922113	1.180029	104.892585	
2010	38	1000	38.416666667		02/07/2010 10:00	117.79	1.65459	0.34	17.28	0.369	13.94	43.5120	104.8665297	104.920113	1.177929	104.890485	
2010	38	1100	38.458333333		02/07/2010 11:00	117.64	1.65248	0.34	17.28	0.369	13.99	43.5167	104.8651009	104.918684	1.176429	104.888985	
2010	38	1200	38.500000000		02/07/2010 12:00	117.45	1.64981	0.34	17.29	0.369	13.96	43.5227	104.8632911	104.916874	1.174529	104.887085	
2010	38	1300	38.541666667		02/07/2010 13:00	117.26	1.64714	0.34	17.27	0.369	13.94	43.5286	104.8614814	104.915065	1.172629	104.885184	
2010	38	1400	38.583333333		02/07/2010 14:00	117.09	1.64475	0.34	17.29	0.369	13.9	43.5339	104.8598621	104.913445	1.170929	104.883484	
2010	38	1500	38.625000000		02/07/2010 15:00	116.91	1.64223	0.34	17.28	0.369	13.87	43.5395	104.8581476	104.911731	1.169129	104.881684	
2010	38	1600	38.666666667		02/07/2010 16:00	116.7	1.63928	0.34	17.27	0.369	13.93	43.5461	104.8561473	104.909731	1.167029	104.879584	
2010	38	1700	38.708333333		02/07/2010 17:00	116.52	1.63675	0.341	17.29	0.369	13.77	43.5517	104.8544328	104.908016	1.165229	104.877784	
2010	38	1800	38.750000000		02/07/2010 18:00	116.35	1.63436	0.341	17.29	0.369	13.64	43.5570	104.8528136	104.906397	1.163529	104.876084	
2010	38	1900	38.791666667		02/07/2010 19:00	116.2	1.63225	0.34	17.29	0.369	13.55	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	38	2000	38.833333333		02/07/2010 20:00	116.03	1.62986	0.34	17.28	0.369	13.48	43.5670	104.8497656	104.903349	1.160329	104.872884	
2010	38	2100	38.875000000		02/07/2010 21:00	115.91	1.62818	0.34	17.28	0.369	13.42	43.5708	104.8486226	104.902206	1.159129	104.871684	
2010	38	2200	38.916666667		02/07/2010 22:00	115.81	1.62677	0.34	17.27	0.369	13.37	43.5739	104.84767	104.901253	1.158129	104.870684	
2010	38	2300	38.958333333		02/07/2010 23:00	115.62	1.62410	0.34	17.3	0.369	13.31	43.5799	104.8458603	104.899444	1.156229	104.868784	
2010	38	2400	39.000000000		02/08/2010 0:00	115.58	1.62354	0.34	17.28	0.369	13.26	43.5811	104.8454793	104.899063	1.155829	104.868384	
2010	39	100	39.041666667		02/08/2010 1:00	115.4	1.62101	0.34	17.27	0.369	13.21	43.5867	104.8437648	104.897348	1.154028	104.866584	
2010	39	200	39.083333333		02/08/2010 2:00	115.33	1.62003	0.34	17.27	0.369	13.17	43.5889	104.843098	104.896681	1.153328	104.865884	
2010	39	300	39.125000000		02/08/2010 3:00	115.23	1.61863	0.34	17.29	0.369	13.12	43.5920	104.8421455	104.895729	1.152328	104.864884	
2010	39	400	39.166666667		02/08/2010 4:00	115.11	1.61694	0.34	17.29	0.369	13.08	43.5958	104.8410025	104.894586	1.151128	104.863684	
2010	39	500	39.208333333		02/08/2010 5:00	115.04	1.61596	0.34	17.27	0.369	13.04	43.5980	104.8403358	104.893919	1.150428	104.862984	
2010	39	600	39.250000000		02/08/2010 6:00	114.95	1.61469	0.34	17.3	0.369	12.99	43.6008	104.8394785	104.893062	1.149528	104.862084	
2010	39	700	39.291666667		02/08/2010 7:00	114.82	1.61287	0.34	17.26	0.369	12.95	43.6049	104.8382402	104.891824	1.148228	104.860784	
2010	39	800	39.333333333		02/08/2010 8:00	114.76	1.61202	0.34	17.29	0.369	12.92	43.6067	104.8376687	104.891252	1.147628	104.860184	
2010	39	900	39.375000000		02/08/2010 9:00	114.66	1.61062	0.34	17.27	0.369	13.11	43.6099	104.8367162	104.890299	1.146628	104.859184	
2010	39	1000	39.416666667		02/08/2010 10:00	114.54	1.60893	0.341	17.28	0.369	14.01	43.6136	104.8355732	104.889156	1.145428	104.857984	
2010	39	1100	39.458333333		02/08/2010 11:00	114.42	1.60725	0.34	17.28	0.369	13.98	43.6174	104.8344302	104.888013	1.144228	104.856784	
2010	39	1200	39.500000000		02/08/2010 12:00	114.25	1.60486	0.341	17.28	0.369	13.95	43.6227	104.832811	104.886394	1.142528	104.855084	
2010	39	1300	39.541666667		02/08/2010 13:00	114.1	1.60275	0.34	17.27	0.369	13.92	43.6274	104.8313822	104.884965	1.141028	104.853584	
2010	39	1400	39.583333333		02/08/2010 14:00	113.91	1.60008	0.34	17.26	0.369	13.9	43.6333	104.8295724	104.883156	1.139128	104.851684	
2010	39	1500	39.625000000		02/08/2010 15:00	113.69	1.59699	0.34	17.28	0.369	13.9	43.6402	104.8274769	104.881060	1.136928	104.849484	
2010	39	1600	39.666666667		02/08/2010 16:00	113.48	1.59404	0.34	17.29	0.369	13.92	43.6467	104.8254767	104.879060	1.134828	104.847384	
2010	39	1700	39.708333333		02/08/2010 17:00	113.29	1.59138	0.34	17.27	0.369	13.7	43.6527	104.8236669	104.877250	1.132928	104.845484	
2010	39	1800	39.750000000		02/08/2010 18:00	113.04	1.58786	0.34	17.26	0.369	13.59	43.6605	104.8212856	104.874869	1.130428	104.842983	
2010	39	1900	39.791666667		02/08/2010 19:00	112.81	1.58463	0.34	17.29	0.368	13.52	43.6677	104.8190949	104.872678	1.128128	104.840683	
2010	39	2000	39.833333333		02/08/2010 20:00	112.62	1.58196	0.34	17.29	0.368	13.45	43.6736	104.8172851	104.870868	1.126228	104.838783	
2010	39	2100	39.875000000		02/08/2010 21:00	112.36	1.57831	0.34	17.29	0.368	13.39	43.6817	104.8148086	104.868392	1.123628	104.836183	
2010	39	2200	39.916666667		02/08/2010 22:00	112.14	1.57522	0.34	17.28	0.369	13.34	43.6886	104.8127131	104.866296	1.121428	104.833983	
2010	39	2300	39.958333333		02/08/2010 23:00	111.92	1.57213	0.34	17.28	0.369	13.28	43.6955	104.8106176	104.864201	1.119228	104.831783	
2010	39	2400	40.000000000		02/09/2010 0:00	111.69	1.56890	0.34	17.28	0.369	13.24	43.7027	104.8084268	104.862010	1.116928	104.829483	
2010	40	100	40.041666667		02/09/2010 1:00	111.46	1.56567	0.34	17.29	0.368	13.18	43.7099	104.8062361	104.859819	1.114627	104.827183	
2010	40	200	40.083333333		02/09/2010 2:00	111.27	1.56300	0.34	17.28	0.368	13.14	43.7158	104.8044263	104.858010	1.112727	104.825283	
2010	40	300	40.125000000		02/09/2010 3:00	111.05	1.55991	0.34	17.28	0.369	13.09	43.7227	104.8023308	104.855914	1.110527	104.823083	
2010	40	400	40.166666667		02/09/2010 4:00	110.85	1.55710	0.34	17.28	0.369	13.05	43.7289	104.8004258	104.854009	1.108527	104.821083	
2010	40	500	40.208333333		02/09/2010 5:00	110.65	1.55429	0.34	17.31	0.368	13.01	43.7352	104.7985208	104.852104	1.106527	104.819083	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	40	600	40.250000000		02/09/2010 6:00	110.51	1.55232	0.34	17.28	0.369	12.96	43.7395	104.7971873	104.850771	1.105127	104.817683	
2010	40	700	40.291666667		02/09/2010 7:00	110.29	1.54923	0.34	17.28	0.368	12.94	43.7464	104.7950918	104.848675	1.102927	104.815483	
2010	40	800	40.333333333		02/09/2010 8:00	110.14	1.54713	0.34	17.29	0.368	12.9	43.7511	104.793663	104.847246	1.101427	104.813983	
2010	40	900	40.375000000		02/09/2010 9:00	109.92	1.54404	0.34	17.29	0.368	13.48	43.7580	104.7915675	104.845151	1.099227	104.811783	
2010	40	1000	40.416666667		02/09/2010 10:00	109.75	1.54165	0.34	17.28	0.368	13.99	43.7633	104.7899482	104.843531	1.097527	104.810083	
2010	40	1100	40.458333333		02/09/2010 11:00	109.61	1.53968	0.34	17.29	0.368	13.94	43.7677	104.7886147	104.842198	1.096127	104.808683	
2010	40	1200	40.500000000		02/09/2010 12:00	109.4	1.53673	0.34	17.3	0.368	13.88	43.7742	104.7866145	104.840198	1.094027	104.806583	
2010	40	1300	40.541666667		02/09/2010 13:00	109.21	1.53406	0.34	17.29	0.368	13.85	43.7802	104.7848047	104.838388	1.092127	104.804683	
2010	40	1400	40.583333333		02/09/2010 14:00	109.03	1.53154	0.34	17.31	0.368	13.82	43.7858	104.7830902	104.836673	1.090327	104.802882	
2010	40	1500	40.625000000		02/09/2010 15:00	108.79	1.52816	0.34	17.3	0.368	13.82	43.7933	104.7808042	104.834387	1.087927	104.800482	
2010	40	1600	40.666666667		02/09/2010 16:00	108.61	1.52564	0.34	17.29	0.368	13.82	43.7989	104.7790897	104.832673	1.086127	104.798682	
2010	40	1700	40.708333333		02/09/2010 17:00	108.38	1.52240	0.34	17.28	0.368	13.65	43.8061	104.7768989	104.830482	1.083827	104.796382	
2010	40	1800	40.750000000		02/09/2010 18:00	108.17	1.51945	0.34	17.28	0.368	13.54	43.8127	104.7748986	104.828482	1.081727	104.794282	
2010	40	1900	40.791666667		02/09/2010 19:00	107.97	1.51665	0.34	17.3	0.368	13.47	43.8189	104.7729936	104.826577	1.079727	104.792282	
2010	40	2000	40.833333333		02/09/2010 20:00	107.8	1.51426	0.34	17.28	0.368	13.4	43.8242	104.7713744	104.824958	1.078027	104.790582	
2010	40	2100	40.875000000		02/09/2010 21:00	107.68	1.51257	0.34	17.3	0.368	13.35	43.8280	104.7702314	104.823815	1.076827	104.789382	
2010	40	2200	40.916666667		02/09/2010 22:00	107.61	1.51159	0.34	17.29	0.368	13.3	43.8302	104.7695646	104.823148	1.076127	104.788682	
2010	40	2300	40.958333333		02/09/2010 23:00	107.65	1.51215	0.34	17.29	0.368	13.25	43.8289	104.7699456	104.823529	1.076527	104.789082	
2010	40	2400	41.000000000		02/10/2010 0:00	107.89	1.51552	0.34	17.28	0.368	13.2	43.8214	104.7722316	104.825815	1.078927	104.791482	
2010	41	100	41.041666667		02/10/2010 1:00	108.11	1.51861	0.34	17.29	0.368	13.16	43.8145	104.7743271	104.827910	1.081127	104.793682	
2010	41	200	41.083333333		02/10/2010 2:00	108.43	1.52311	0.34	17.29	0.368	13.11	43.8045	104.7773752	104.830958	1.084327	104.796882	
2010	41	300	41.125000000		02/10/2010 3:00	108.77	1.52788	0.34	17.28	0.368	13.07	43.7939	104.7806137	104.834197	1.087727	104.800282	
2010	41	400	41.166666667		02/10/2010 4:00	109.27	1.53491	0.34	17.3	0.368	13.03	43.7783	104.7853762	104.838959	1.092727	104.805283	
2010	41	500	41.208333333		02/10/2010 5:00	109.7	1.54095	0.34	17.29	0.368	12.98	43.7649	104.789472	104.843055	1.097027	104.809583	
2010	41	600	41.250000000		02/10/2010 6:00	110.05	1.54586	0.34	17.3	0.368	12.95	43.7539	104.7928057	104.846389	1.100527	104.813083	
2010	41	700	41.291666667		02/10/2010 7:00	110.46	1.55162	0.34	17.29	0.368	12.91	43.7411	104.796711	104.850294	1.104627	104.817183	
2010	41	800	41.333333333		02/10/2010 8:00	110.73	1.55542	0.34	17.28	0.368	14.07	43.7327	104.7992828	104.852866	1.107327	104.819883	
2010	41	900	41.375000000		02/10/2010 9:00	111.09	1.56047	0.34	17.3	0.368	14.06	43.7214	104.8027118	104.856295	1.110927	104.823483	
2010	41	1000	41.416666667		02/10/2010 10:00	111.4	1.56483	0.34	17.3	0.368	14.02	43.7117	104.8056646	104.859248	1.114027	104.826583	
2010	41	1100	41.458333333		02/10/2010 11:00	111.71	1.56918	0.34	17.31	0.368	13.96	43.7020	104.8086173	104.862201	1.117128	104.829683	
2010	41	1200	41.500000000		02/10/2010 12:00	111.9	1.57185	0.34	17.29	0.368	13.93	43.6961	104.8104271	104.864010	1.119028	104.831583	
2010	41	1300	41.541666667		02/10/2010 13:00	112.13	1.57508	0.34	17.29	0.368	13.89	43.6889	104.8126179	104.866201	1.121328	104.833883	
2010	41	1400	41.583333333		02/10/2010 14:00	112.29	1.57733	0.34	17.3	0.368	13.87	43.6839	104.8141419	104.867725	1.122928	104.835483	
2010	41	1500	41.625000000		02/10/2010 15:00	112.35	1.57817	0.34	17.3	0.368	13.88	43.6820	104.8147134	104.868297	1.123528	104.836083	
2010	41	1600	41.666666667		02/10/2010 16:00	112.39	1.57873	0.34	17.3	0.368	13.72	43.6808	104.8150944	104.868678	1.123928	104.836483	
2010	41	1700	41.708333333		02/10/2010 17:00	112.47	1.57986	0.34	17.31	0.368	13.59	43.6783	104.8158564	104.869440	1.124728	104.837283	
2010	41	1800	41.750000000		02/10/2010 18:00	112.45	1.57958	0.34	17.28	0.368	13.5	43.6789	104.8156659	104.869249	1.124528	104.837083	
2010	41	1900	41.791666667		02/10/2010 19:00	112.53	1.58070	0.34	17.28	0.368	13.43	43.6764	104.8164279	104.870011	1.125328	104.837883	
2010	41	2000	41.833333333		02/10/2010 20:00	112.59	1.58154	0.339	17.27	0.368	13.37	43.6745	104.8169994	104.870583	1.125928	104.838483	
2010	41	2100	41.875000000		02/10/2010 21:00	112.73	1.58351	0.339	17.29	0.368	13.32	43.6702	104.8183329	104.871916	1.127328	104.839883	
2010	41	2200	41.916666667		02/10/2010 22:00	112.9	1.58590	0.339	17.28	0.368	13.27	43.6649	104.8199521	104.873535	1.129028	104.841583	
2010	41	2300	41.958333333		02/10/2010 23:00	113.14	1.58927	0.339	17.3	0.368	13.21	43.6574	104.8222382	104.875821	1.131428	104.843983	
2010	41	2400	42.000000000		02/11/2010 0:00	113.47	1.59390	0.339	17.3	0.367	13.17	43.6470	104.8253814	104.878965	1.134728	104.847284	
2010	42	100	42.041666667		02/11/2010 1:00	113.82	1.59882	0.339	17.28	0.368	13.13	43.6361	104.8287152	104.882298	1.138228	104.850784	
2010	42	200	42.083333333		02/11/2010 2:00	114.21	1.60430	0.339	17.29	0.368	13.08	43.6239	104.83243	104.886013	1.142128	104.854684	
2010	42	300	42.125000000		02/11/2010 3:00	114.72	1.61146	0.339	17.3	0.367	13.04	43.6080	104.8372877	104.890871	1.147228	104.859784	
2010	42	400	42.166666667		02/11/2010 4:00	115.15	1.61750	0.339	17.27	0.368	13	43.5945	104.8413835	104.894967	1.151528	104.864084	
2010	42	500	42.208333333		02/11/2010 5:00	115.62	1.62410	0.339	17.31	0.367	12.96	43.5799	104.8458603	104.899444	1.156229	104.868784	
2010	42	600	42.250000000		02/11/2010 6:00	116.21	1.63239	0.339	17.3	0.367	12.92	43.5614	104.8514801	104.905063	1.162129	104.874684	
2010	42	700	42.291666667		02/11/2010 7:00	116.56	1.63731	0.339	17.27	0.368	12.88	43.5505	104.8548138	104.908397	1.165629	104.878184	
2010	42	800	42.333333333		02/11/2010 8:00	117.01	1.64363	0.339	17.29	0.368	12.86	43.5364	104.8591001	104.912683	1.170129	104.882684	
2010	42	900	42.375000000		02/11/2010 9:00	117.44	1.64967	0.339	17.28	0.367	13.35	43.5230	104.8631959	104.916779	1.174429	104.886985	
2010	42	1000	42.416666667		02/11/2010 10:00	117.72	1.65360	0.339	17.29	0.367	13.81	43.5142	104.8658629	104.919446	1.177229	104.889785	
2010	42	1100	42.458333333		02/11/2010 11:00	118.05	1.65824	0.339	17.3	0.367	13.96	43.5039	104.8690062	104.922589	1.180529	104.893085	
2010	42	1200	42.500000000		02/11/2010 12:00	118.35	1.66245	0.339	17.28	0.367	13.92	43.4945	104.8718637	104.925447	1.183529	104.896085	
2010	42	1300	42.541666667		02/11/2010 13:00	118.53	1.66498	0.339	17.31	0.367	13.87	43.4889	104.8735782	104.927161	1.185329	104.897885	
2010	42	1400	42.583333333		02/11/2010 14:00	118.78	1.66849	0.339	17.31	0.367	13.84	43.4811	104.8759595	104.929543	1.187829	104.900385	
2010	42	1500	42.625000000		02/11/2010 15:00	119.01	1.67172	0.339	17.28	0.367	13.84	43.4739	104.8781502	104.931733	1.190129	104.902685	
2010	42	1600	42.666666667		02/11/2010 16:00	119.28	1.67552	0.339	17.28	0.367	13.78	43.4655	104.880722	104.934305	1.192829	104.905385	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	42	1700	42.708333333		02/11/2010 17:00	119.46	1.67804	0.339	17.28	0.367	13.61	43.4599	104.8824365	104.936020	1.194629	104.907185	
2010	42	1800	42.750000000		02/11/2010 18:00	119.72	1.68170	0.339	17.29	0.367	13.52	43.4517	104.884913	104.938496	1.197230	104.909785	
2010	42	1900	42.791666667		02/11/2010 19:00	120.07	1.68661	0.339	17.28	0.367	13.44	43.4408	104.8882468	104.941830	1.200730	104.913285	
2010	42	2000	42.833333333		02/11/2010 20:00	120.24	1.68900	0.339	17.27	0.367	13.38	43.4355	104.889866	104.943449	1.202430	104.914985	
2010	42	2100	42.875000000		02/11/2010 21:00	120.43	1.69167	0.339	17.27	0.367	13.32	43.4295	104.8916758	104.945259	1.204330	104.916885	
2010	42	2200	42.916666667		02/11/2010 22:00	120.79	1.69673	0.339	17.29	0.367	13.27	43.4183	104.8951048	104.948688	1.207930	104.920485	
2010	42	2300	42.958333333		02/11/2010 23:00	120.97	1.69926	0.339	17.28	0.367	13.22	43.4127	104.8968193	104.950403	1.209730	104.922285	
2010	42	2400	43.000000000		02/12/2010 0:00	121.22	1.70277	0.339	17.3	0.367	13.17	43.4049	104.8992006	104.952784	1.212230	104.924785	
2010	43	100	43.041666667		02/12/2010 1:00	121.43	1.70572	0.339	17.29	0.367	13.13	43.3983	104.9012008	104.954784	1.214330	104.926886	
2010	43	200	43.083333333		02/12/2010 2:00	121.68	1.70923	0.339	17.29	0.367	13.09	43.3905	104.9035821	104.957165	1.216830	104.929386	
2010	43	300	43.125000000		02/12/2010 3:00	122.01	1.71386	0.339	17.28	0.367	13.04	43.3802	104.9067254	104.960309	1.220130	104.932686	
2010	43	400	43.166666667		02/12/2010 4:00	122.23	1.71695	0.339	17.3	0.367	12.99	43.3733	104.9088209	104.962404	1.222330	104.934886	
2010	43	500	43.208333333		02/12/2010 5:00	122.56	1.72159	0.339	17.3	0.367	12.96	43.3630	104.9119642	104.965547	1.225630	104.938186	
2010	43	600	43.250000000		02/12/2010 6:00	122.92	1.72665	0.339	17.3	0.367	12.92	43.3517	104.9153932	104.968976	1.229230	104.941786	
2010	43	700	43.291666667		02/12/2010 7:00	123.12	1.72946	0.339	17.28	0.367	12.88	43.3455	104.9172982	104.970881	1.231230	104.943786	
2010	43	800	43.333333333		02/12/2010 8:00	123.32	1.73227	0.339	17.28	0.367	12.88	43.3392	104.9192032	104.972786	1.233230	104.945786	
2010	43	900	43.375000000		02/12/2010 9:00	123.53	1.73522	0.339	17.29	0.367	13.38	43.3327	104.9212035	104.974787	1.235330	104.947886	
2010	43	1000	43.416666667		02/12/2010 10:00	123.72	1.73788	0.339	17.3	0.367	13.81	43.3267	104.9230132	104.976596	1.237231	104.949786	
2010	43	1100	43.458333333		02/12/2010 11:00	123.98	1.74154	0.339	17.29	0.367	13.92	43.3186	104.9254897	104.979073	1.239831	104.952386	
2010	43	1200	43.500000000		02/12/2010 12:00	124.23	1.74505	0.339	17.29	0.367	13.9	43.3108	104.927871	104.981454	1.242331	104.954886	
2010	43	1300	43.541666667		02/12/2010 13:00	124.16	1.74407	0.339	17.29	0.367	13.86	43.3130	104.9272042	104.980788	1.241631	104.954186	
2010	43	1400	43.583333333		02/12/2010 14:00	124.27	1.74561	0.339	17.3	0.367	13.85	43.3095	104.928252	104.981835	1.242731	104.955286	
2010	43	1500	43.625000000		02/12/2010 15:00	124.38	1.74716	0.339	17.3	0.367	13.84	43.3061	104.9292998	104.982883	1.243831	104.956386	
2010	43	1600	43.666666667		02/12/2010 16:00	124.42	1.74772	0.339	17.29	0.367	13.81	43.3049	104.9296808	104.983264	1.244231	104.956786	
2010	43	1700	43.708333333		02/12/2010 17:00	124.44	1.74800	0.339	17.3	0.367	13.61	43.3042	104.9298713	104.983455	1.244431	104.956986	
2010	43	1800	43.750000000		02/12/2010 18:00	124.37	1.74702	0.339	17.28	0.367	13.51	43.3064	104.9292045	104.982788	1.243731	104.956286	
2010	43	1900	43.791666667		02/12/2010 19:00	124.45	1.74814	0.339	17.3	0.367	13.42	43.3039	104.9299665	104.983550	1.244531	104.957086	
2010	43	2000	43.833333333		02/12/2010 20:00	124.36	1.74687	0.339	17.29	0.367	13.36	43.3067	104.9291093	104.982693	1.243631	104.956186	
2010	43	2100	43.875000000		02/12/2010 21:00	124.42	1.74772	0.339	17.31	0.367	13.32	43.3049	104.9296808	104.983264	1.244231	104.956786	
2010	43	2200	43.916666667		02/12/2010 22:00	124.34	1.74659	0.339	17.29	0.367	13.26	43.3074	104.9289188	104.982502	1.243431	104.955986	
2010	43	2300	43.958333333		02/12/2010 23:00	124.34	1.74659	0.339	17.31	0.367	13.21	43.3074	104.9289188	104.982502	1.243431	104.955986	
2010	43	2400	44.000000000		02/13/2010 0:00	124.26	1.74547	0.339	17.3	0.367	13.16	43.3099	104.9281568	104.981740	1.242631	104.955186	
2010	44	100	44.041666667		02/13/2010 1:00	124.13	1.74364	0.339	17.31	0.367	13.11	43.3139	104.9269185	104.980502	1.241331	104.953886	
2010	44	200	44.083333333		02/13/2010 2:00	124.06	1.74266	0.339	17.29	0.367	13.07	43.3161	104.9262517	104.979835	1.240631	104.953186	
2010	44	300	44.125000000		02/13/2010 3:00	124.07	1.74280	0.339	17.29	0.367	13.03	43.3158	104.926347	104.979930	1.240731	104.953286	
2010	44	400	44.166666667		02/13/2010 4:00	124.04	1.74238	0.339	17.29	0.367	12.99	43.3167	104.9260612	104.979644	1.240431	104.952986	
2010	44	500	44.208333333		02/13/2010 5:00	124.09	1.74308	0.339	17.31	0.367	12.95	43.3152	104.9265375	104.980121	1.240931	104.953486	
2010	44	600	44.250000000		02/13/2010 6:00	124.08	1.74294	0.339	17.3	0.367	12.92	43.3155	104.9264422	104.980025	1.240831	104.953386	
2010	44	700	44.291666667		02/13/2010 7:00	124.11	1.74336	0.339	17.3	0.367	12.88	43.3145	104.926728	104.980311	1.241131	104.953686	
2010	44	800	44.333333333		02/13/2010 8:00	124.13	1.74364	0.339	17.31	0.367	13.99	43.3139	104.9269185	104.980502	1.241331	104.953886	
2010	44	900	44.375000000		02/13/2010 9:00	124.15	1.74392	0.339	17.32	0.367	13.96	43.3133	104.927109	104.980692	1.241531	104.954086	
2010	44	1000	44.416666667		02/13/2010 10:00	124.19	1.74449	0.339	17.3	0.367	13.92	43.3120	104.92749	104.981073	1.241931	104.954486	
2010	44	1100	44.458333333		02/13/2010 11:00	124.09	1.74308	0.339	17.29	0.367	13.88	43.3152	104.9265375	104.980121	1.240931	104.953486	
2010	44	1200	44.500000000		02/13/2010 12:00	124.06	1.74266	0.339	17.3	0.367	13.82	43.3161	104.9262517	104.979835	1.240631	104.953186	
2010	44	1300	44.541666667		02/13/2010 13:00	123.96	1.74126	0.339	17.31	0.367	13.77	43.3192	104.9252992	104.978882	1.239631	104.952186	
2010	44	1400	44.583333333		02/13/2010 14:00	123.82	1.73929	0.339	17.29	0.367	13.76	43.3236	104.9239657	104.977549	1.238231	104.950786	
2010	44	1500	44.625000000		02/13/2010 15:00	123.71	1.73774	0.339	17.31	0.367	13.72	43.3270	104.922918	104.976501	1.237131	104.949686	
2010	44	1600	44.666666667		02/13/2010 16:00	123.62	1.73648	0.339	17.31	0.367	13.76	43.3299	104.9220607	104.975644	1.236230	104.948786	
2010	44	1700	44.708333333		02/13/2010 17:00	123.49	1.73465	0.339	17.3	0.367	13.62	43.3339	104.9208225	104.974406	1.234930	104.947486	
2010	44	1800	44.750000000		02/13/2010 18:00	123.33	1.73241	0.339	17.3	0.367	13.51	43.3389	104.9192985	104.972882	1.233330	104.945886	
2010	44	1900	44.791666667		02/13/2010 19:00	123.2	1.73058	0.339	17.3	0.367	13.42	43.3430	104.9180602	104.971643	1.232030	104.944586	
2010	44	2000	44.833333333		02/13/2010 20:00	123.03	1.72819	0.339	17.28	0.367	13.36	43.3483	104.9164409	104.970024	1.230330	104.942886	
2010	44	2100	44.875000000		02/13/2010 21:00	122.93	1.72679	0.339	17.3	0.367	13.3	43.3514	104.9154884	104.969072	1.229330	104.941886	
2010	44	2200	44.916666667		02/13/2010 22:00	122.72	1.72384	0.339	17.29	0.367	13.24	43.3580	104.9134882	104.967071	1.227230	104.939786	
2010	44	2300	44.958333333		02/13/2010 23:00	122.6	1.72215	0.339	17.28	0.367	13.19	43.3617	104.9123452	104.965928	1.226030	104.938586	
2010	44	2400	45.000000000		02/14/2010 0:00	122.4	1.71934	0.339	17.31	0.367	13.14	43.3680	104.9104402	104.964023	1.224030	104.936586	
2010	45	100	45.041666667		02/14/2010 1:00	122.21	1.71667	0.339	17.3	0.367	13.1	43.3739	104.9086304	104.962214	1.222130	104.934686	
2010	45	200	45.083333333		02/14/2010 2:00	122.01	1.71386	0.339	17.29	0.367	13.05	43.3802	104.9067254	104.960309	1.220130	104.932686	
2010	45	300	45.125000000		02/14/2010 3:00	121.79	1.71077	0.339	17.29	0.367	13.01	43.3870	104.9046299	104.958213	1.217930	104.930486	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	45	400	45.166666667		02/14/2010 4:00	121.58	1.70782	0.339	17.29	0.367	12.97	43.3936	104.9026296	104.956213	1.215830	104.928386	
2010	45	500	45.208333333		02/14/2010 5:00	121.44	1.70586	0.339	17.3	0.367	12.94	43.3980	104.9012961	104.954879	1.214430	104.926986	
2010	45	600	45.250000000		02/14/2010 6:00	121.08	1.70080	0.339	17.29	0.367	12.9	43.4092	104.8978671	104.951450	1.210830	104.923385	
2010	45	700	45.291666667		02/14/2010 7:00	121.06	1.70052	0.339	17.29	0.367	12.87	43.4099	104.8976766	104.951260	1.210630	104.923185	
2010	45	800	45.333333333		02/14/2010 8:00	120.68	1.69518	0.339	17.28	0.367	12.84	43.4217	104.8940571	104.947640	1.206830	104.919385	
2010	45	900	45.375000000		02/14/2010 9:00	120.54	1.69322	0.339	17.3	0.367	13.14	43.4261	104.8927236	104.946307	1.205430	104.917985	
2010	45	1000	45.416666667		02/14/2010 10:00	120.37	1.69083	0.339	17.28	0.367	13.95	43.4314	104.8911043	104.944688	1.203730	104.916285	
2010	45	1100	45.458333333		02/14/2010 11:00	120.15	1.68774	0.339	17.28	0.367	13.96	43.4383	104.8890088	104.942592	1.201530	104.914085	
2010	45	1200	45.500000000		02/14/2010 12:00	119.95	1.68493	0.339	17.31	0.367	13.94	43.4445	104.8871038	104.940687	1.199530	104.912085	
2010	45	1300	45.541666667		02/14/2010 13:00	119.78	1.68254	0.339	17.29	0.367	13.9	43.4499	104.8854845	104.939068	1.197830	104.910385	
2010	45	1400	45.583333333		02/14/2010 14:00	119.53	1.67903	0.339	17.3	0.367	13.9	43.4577	104.8831032	104.936687	1.195329	104.907885	
2010	45	1500	45.625000000		02/14/2010 15:00	119.32	1.67608	0.339	17.29	0.367	13.88	43.4642	104.881103	104.934686	1.193229	104.905785	
2010	45	1600	45.666666667		02/14/2010 16:00	119.07	1.67257	0.339	17.31	0.367	13.88	43.4720	104.8787217	104.932305	1.190729	104.903285	
2010	45	1700	45.708333333		02/14/2010 17:00	118.85	1.66948	0.339	17.29	0.367	13.72	43.4789	104.8766262	104.930209	1.188529	104.901085	
2010	45	1800	45.750000000		02/14/2010 18:00	118.63	1.66639	0.339	17.28	0.367	13.6	43.4858	104.8745307	104.928114	1.186329	104.898885	
2010	45	1900	45.791666667		02/14/2010 19:00	118.33	1.66217	0.339	17.3	0.367	13.51	43.4952	104.8716732	104.925256	1.183329	104.895885	
2010	45	2000	45.833333333		02/14/2010 20:00	118.03	1.65796	0.339	17.28	0.367	13.42	43.5045	104.8688157	104.922399	1.180329	104.892885	
2010	45	2100	45.875000000		02/14/2010 21:00	117.8	1.65473	0.339	17.28	0.367	13.36	43.5117	104.8666249	104.920208	1.178029	104.890585	
2010	45	2200	45.916666667		02/14/2010 22:00	117.62	1.65220	0.339	17.29	0.367	13.32	43.5174	104.8649104	104.918494	1.176229	104.888785	
2010	45	2300	45.958333333		02/14/2010 23:00	117.33	1.64812	0.339	17.3	0.367	13.26	43.5264	104.8621481	104.915731	1.173329	104.885885	
2010	45	2400	46.000000000		02/15/2010 0:00	117.07	1.64447	0.339	17.3	0.367	13.21	43.5345	104.8596716	104.913255	1.170729	104.883284	
2010	46	100	46.041666667		02/15/2010 1:00	116.84	1.64124	0.339	17.29	0.367	13.17	43.5417	104.8574809	104.911064	1.168429	104.880984	
2010	46	200	46.083333333		02/15/2010 2:00	116.62	1.63815	0.339	17.29	0.367	13.12	43.5486	104.8553853	104.908969	1.166229	104.878784	
2010	46	300	46.125000000		02/15/2010 3:00	116.32	1.63394	0.339	17.28	0.367	13.08	43.5580	104.8525278	104.906111	1.163229	104.875784	
2010	46	400	46.166666667		02/15/2010 4:00	116.04	1.63000	0.339	17.3	0.367	13.04	43.5667	104.8498608	104.903444	1.160429	104.872984	
2010	46	500	46.208333333		02/15/2010 5:00	115.78	1.62635	0.339	17.3	0.367	12.99	43.5749	104.8473843	104.900968	1.157829	104.870384	
2010	46	600	46.250000000		02/15/2010 6:00	115.57	1.62340	0.339	17.32	0.367	12.95	43.5814	104.845384	104.898967	1.155729	104.868284	
2010	46	700	46.291666667		02/15/2010 7:00	115.25	1.61891	0.339	17.3	0.367	12.92	43.5914	104.842336	104.895919	1.152528	104.865084	
2010	46	800	46.333333333		02/15/2010 8:00	115.08	1.61652	0.339	17.32	0.367	12.98	43.5967	104.8407168	104.894300	1.150828	104.863384	
2010	46	900	46.375000000		02/15/2010 9:00	114.82	1.61287	0.339	17.31	0.367	13.84	43.6049	104.8382402	104.891824	1.148228	104.860784	
2010	46	1000	46.416666667		02/15/2010 10:00	114.57	1.60936	0.339	17.27	0.367	14.02	43.6127	104.835859	104.889442	1.145728	104.858284	
2010	46	1100	46.458333333		02/15/2010 11:00	114.41	1.60711	0.339	17.29	0.367	13.99	43.6177	104.834335	104.887918	1.144128	104.856684	
2010	46	1200	46.500000000		02/15/2010 12:00	114.16	1.60360	0.339	17.28	0.367	13.94	43.6255	104.8319537	104.885537	1.141628	104.854184	
2010	46	1300	46.541666667		02/15/2010 13:00	113.96	1.60079	0.339	17.29	0.367	13.92	43.6317	104.8300487	104.883632	1.139628	104.852184	
2010	46	1400	46.583333333		02/15/2010 14:00	113.71	1.59727	0.339	17.28	0.367	13.88	43.6395	104.8276674	104.881251	1.137128	104.849684	
2010	46	1500	46.625000000		02/15/2010 15:00	113.51	1.59447	0.339	17.3	0.367	13.84	43.6458	104.8257624	104.879346	1.135128	104.847684	
2010	46	1600	46.666666667		02/15/2010 16:00	113.29	1.59138	0.339	17.31	0.367	13.85	43.6527	104.8236669	104.877250	1.132928	104.845484	
2010	46	1700	46.708333333		02/15/2010 17:00	113	1.58730	0.339	17.29	0.367	13.75	43.6617	104.8209046	104.874488	1.130028	104.842583	
2010	46	1800	46.750000000		02/15/2010 18:00	112.78	1.58421	0.339	17.3	0.367	13.61	43.6686	104.8188091	104.872392	1.127828	104.840383	
2010	46	1900	46.791666667		02/15/2010 19:00	112.56	1.58112	0.339	17.27	0.367	13.52	43.6755	104.8167136	104.870297	1.125628	104.838183	
2010	46	2000	46.833333333		02/15/2010 20:00	112.34	1.57803	0.339	17.32	0.367	13.45	43.6824	104.8146181	104.868201	1.123428	104.835983	
2010	46	2100	46.875000000		02/15/2010 21:00	112.15	1.57536	0.339	17.28	0.367	13.39	43.6883	104.8128084	104.866392	1.121528	104.834083	
2010	46	2200	46.916666667		02/15/2010 22:00	111.94	1.57241	0.339	17.32	0.367	13.33	43.6949	104.8108081	104.864391	1.119428	104.831983	
2010	46	2300	46.958333333		02/15/2010 23:00	111.72	1.56932	0.339	17.32	0.367	13.28	43.7017	104.8087126	104.862296	1.117228	104.829783	
2010	46	2400	47.000000000		02/16/2010 0:00	111.49	1.56609	0.339	17.32	0.367	13.23	43.7089	104.8065218	104.860105	1.114927	104.827483	
2010	47	100	47.041666667		02/16/2010 1:00	111.32	1.56370	0.339	17.31	0.367	13.18	43.7142	104.8049026	104.858486	1.113227	104.825783	
2010	47	200	47.083333333		02/16/2010 2:00	111.12	1.56089	0.339	17.28	0.367	13.13	43.7205	104.8029975	104.856581	1.111227	104.823783	
2010	47	300	47.125000000		02/16/2010 3:00	110.94	1.55836	0.339	17.29	0.367	13.09	43.7261	104.801283	104.854866	1.109427	104.821983	
2010	47	400	47.166666667		02/16/2010 4:00	110.9	1.55780	0.339	17.29	0.367	13.05	43.7274	104.800902	104.854485	1.109027	104.821583	
2010	47	500	47.208333333		02/16/2010 5:00	110.7	1.55499	0.339	17.29	0.367	13.01	43.7336	104.798997	104.852580	1.107027	104.819583	
2010	47	600	47.250000000		02/16/2010 6:00	110.82	1.55668	0.339	17.31	0.367	12.96	43.7299	104.80014	104.853723	1.108227	104.820783	
2010	47	700	47.291666667		02/16/2010 7:00	110.76	1.55584	0.339	17.31	0.367	12.93	43.7317	104.7995685	104.853152	1.107627	104.820183	
2010	47	800	47.333333333		02/16/2010 8:00	110.79	1.55626	0.339	17.3	0.367	13.09	43.7308	104.7998543	104.853438	1.107927	104.820483	
2010	47	900	47.375000000		02/16/2010 9:00	110.81	1.55654	0.339	17.31	0.367	13.98	43.7302	104.8000448	104.853628	1.108127	104.820683	
2010	47	1000	47.416666667		02/16/2010 10:00	110.72	1.55527	0.339	17.31	0.367	13.95	43.7330	104.7991875	104.852771	1.107227	104.819783	
2010	47	1100	47.458333333		02/16/2010 11:00	110.67	1.55457	0.339	17.3	0.367	13.88	43.7345	104.7987113	104.852295	1.106727	104.819283	
2010	47	1200	47.500000000		02/16/2010 12:00	110.56	1.55303	0.339	17.31	0.367	13.84	43.7380	104.7976635	104.851247	1.105627	104.818183	
2010	47	1300	47.541666667		02/16/2010 13:00	110.37	1.55036	0.339	17.32	0.367	13.82	43.7439	104.7958538	104.849437	1.103727	104.816283	
2010	47	1400	47.583333333		02/16/2010 14:00	110.28	1.54909	0.339	17.3	0.367	13.79	43.7467	104.7949965	104.848580	1.102827	104.815383	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	47	1500	47.625000000		02/16/2010 15:00	110.11	1.54671	0.339	17.3	0.367	13.77	43.7520	104.7933772	104.846961	1.101127	104.813683	
2010	47	1600	47.666666667		02/16/2010 16:00	109.93	1.54418	0.339	17.29	0.367	13.78	43.7577	104.7916627	104.845246	1.099327	104.811883	
2010	47	1700	47.708333333		02/16/2010 17:00	109.78	1.54207	0.339	17.3	0.367	13.65	43.7624	104.790234	104.843817	1.097827	104.810383	
2010	47	1800	47.750000000		02/16/2010 18:00	109.67	1.54053	0.339	17.3	0.367	13.54	43.7658	104.7891862	104.842769	1.096727	104.809283	
2010	47	1900	47.791666667		02/16/2010 19:00	109.58	1.53926	0.339	17.31	0.367	13.45	43.7686	104.788329	104.841912	1.095827	104.808383	
2010	47	2000	47.833333333		02/16/2010 20:00	109.49	1.53800	0.339	17.32	0.367	13.39	43.7714	104.7874717	104.841055	1.094927	104.807483	
2010	47	2100	47.875000000		02/16/2010 21:00	109.48	1.53786	0.339	17.3	0.367	13.34	43.7717	104.7873765	104.840960	1.094827	104.807383	
2010	47	2200	47.916666667		02/16/2010 22:00	109.46	1.53758	0.339	17.28	0.367	13.28	43.7724	104.787186	104.840769	1.094627	104.807183	
2010	47	2300	47.958333333		02/16/2010 23:00	109.39	1.53659	0.339	17.3	0.367	13.24	43.7745	104.7865192	104.840102	1.093927	104.806483	
2010	47	2400	48.000000000		02/17/2010 0:00	109.38	1.53645	0.339	17.31	0.367	13.18	43.7749	104.786424	104.840007	1.093827	104.806383	
2010	48	100	48.041666667		02/17/2010 1:00	109.4	1.53673	0.339	17.3	0.367	13.14	43.7742	104.7866145	104.840198	1.094027	104.806583	
2010	48	200	48.083333333		02/17/2010 2:00	109.41	1.53687	0.339	17.29	0.367	13.09	43.7739	104.7867097	104.840293	1.094127	104.806683	
2010	48	300	48.125000000		02/17/2010 3:00	109.53	1.53856	0.339	17.29	0.367	13.05	43.7702	104.7878527	104.841436	1.095327	104.807883	
2010	48	400	48.166666667		02/17/2010 4:00	109.63	1.53996	0.339	17.31	0.367	13.01	43.7670	104.7888052	104.842388	1.096327	104.808883	
2010	48	500	48.208333333		02/17/2010 5:00	109.8	1.54235	0.339	17.29	0.367	12.97	43.7617	104.7904245	104.844008	1.098027	104.810583	
2010	48	600	48.250000000		02/17/2010 6:00	110.02	1.54544	0.339	17.3	0.367	12.93	43.7549	104.79252	104.846103	1.100227	104.812783	
2010	48	700	48.291666667		02/17/2010 7:00	110.11	1.54671	0.339	17.28	0.367	12.9	43.7520	104.7933772	104.846961	1.101127	104.813683	
2010	48	800	48.333333333		02/17/2010 8:00	110.22	1.54825	0.339	17.3	0.367	13.19	43.7486	104.794425	104.848008	1.102227	104.814783	
2010	48	900	48.375000000		02/17/2010 9:00	110.26	1.54881	0.339	17.29	0.367	14.03	43.7474	104.794806	104.848389	1.102627	104.815183	
2010	48	1000	48.416666667		02/17/2010 10:00	110.33	1.54980	0.339	17.29	0.367	13.96	43.7452	104.7954728	104.849056	1.103327	104.815883	
2010	48	1100	48.458333333		02/17/2010 11:00	110.31	1.54952	0.339	17.31	0.367	13.92	43.7458	104.7952823	104.848866	1.103127	104.815683	
2010	48	1200	48.500000000		02/17/2010 12:00	110.34	1.54994	0.339	17.3	0.367	13.88	43.7449	104.795568	104.849151	1.103427	104.815983	
2010	48	1300	48.541666667		02/17/2010 13:00	110.1	1.54657	0.339	17.31	0.367	13.85	43.7524	104.793282	104.846865	1.101027	104.813583	
2010	48	1400	48.583333333		02/17/2010 14:00	109.97	1.54474	0.339	17.31	0.367	13.82	43.7564	104.7920437	104.845627	1.099727	104.812283	
2010	48	1500	48.625000000		02/17/2010 15:00	109.81	1.54249	0.339	17.32	0.367	13.81	43.7614	104.7905197	104.844103	1.098127	104.810683	
2010	48	1600	48.666666667		02/17/2010 16:00	109.69	1.54081	0.339	17.33	0.367	13.81	43.7652	104.7893767	104.842960	1.096927	104.809483	
2010	48	1700	48.708333333		02/17/2010 17:00	109.55	1.53884	0.339	17.32	0.367	13.65	43.7695	104.7880432	104.841626	1.095527	104.808083	
2010	48	1800	48.750000000		02/17/2010 18:00	109.44	1.53729	0.339	17.3	0.367	13.54	43.7730	104.7869955	104.840579	1.094427	104.806983	
2010	48	1900	48.791666667		02/17/2010 19:00	109.39	1.53659	0.339	17.32	0.367	13.46	43.7745	104.7865192	104.840102	1.093927	104.806483	
2010	48	2000	48.833333333		02/17/2010 20:00	109.37	1.53631	0.339	17.32	0.367	13.4	43.7752	104.7863287	104.839912	1.093727	104.806283	
2010	48	2100	48.875000000		02/17/2010 21:00	109.34	1.53589	0.339	17.3	0.367	13.34	43.7761	104.786043	104.839626	1.093427	104.805983	
2010	48	2200	48.916666667		02/17/2010 22:00	109.45	1.53744	0.339	17.31	0.367	13.29	43.7727	104.7870907	104.840674	1.094527	104.807083	
2010	48	2300	48.958333333		02/17/2010 23:00	109.5	1.53814	0.339	17.29	0.367	13.24	43.7711	104.787567	104.841150	1.095027	104.807583	
2010	48	2400	49.000000000		02/18/2010 0:00	109.57	1.53912	0.339	17.3	0.367	13.19	43.7689	104.7882337	104.841817	1.095727	104.808283	
2010	49	100	49.041666667		02/18/2010 1:00	109.69	1.54081	0.339	17.31	0.367	13.15	43.7652	104.7893767	104.842960	1.096927	104.809483	
2010	49	200	49.083333333		02/18/2010 2:00	109.79	1.54221	0.339	17.31	0.367	13.1	43.7620	104.7903292	104.843912	1.097927	104.810483	
2010	49	300	49.125000000		02/18/2010 3:00	110.03	1.54558	0.339	17.3	0.367	13.05	43.7545	104.7926152	104.846198	1.100327	104.812883	
2010	49	400	49.166666667		02/18/2010 4:00	110.22	1.54825	0.339	17.31	0.367	13.01	43.7486	104.794425	104.848008	1.102227	104.814783	
2010	49	500	49.208333333		02/18/2010 5:00	110.42	1.55106	0.339	17.29	0.367	12.97	43.7424	104.79633	104.849913	1.104227	104.816783	
2010	49	600	49.250000000		02/18/2010 6:00	110.63	1.55401	0.339	17.3	0.367	12.93	43.7358	104.7983303	104.851914	1.106327	104.818883	
2010	49	700	49.291666667		02/18/2010 7:00	110.89	1.55766	0.339	17.29	0.367	12.89	43.7277	104.8008068	104.854390	1.108927	104.821483	
2010	49	800	49.333333333		02/18/2010 8:00	111.01	1.55935	0.339	17.3	0.367	14.15	43.7239	104.8019498	104.855533	1.110127	104.822683	
2010	49	900	49.375000000		02/18/2010 9:00	111.18	1.56174	0.339	17.31	0.367	14.09	43.7186	104.8035691	104.857152	1.111827	104.824383	
2010	49	1000	49.416666667		02/18/2010 10:00	111.27	1.56300	0.339	17.3	0.367	14.01	43.7158	104.8044263	104.858010	1.112727	104.825283	
2010	49	1100	49.458333333		02/18/2010 11:00	111.39	1.56469	0.339	17.32	0.367	13.92	43.7120	104.8055693	104.859153	1.113927	104.826483	
2010	49	1200	49.500000000		02/18/2010 12:00	111.48	1.56595	0.339	17.29	0.367	13.86	43.7092	104.8064266	104.860010	1.114827	104.827383	
2010	49	1300	49.541666667		02/18/2010 13:00	111.45	1.56553	0.339	17.29	0.367	13.84	43.7102	104.8061408	104.859724	1.114527	104.827083	
2010	49	1400	49.583333333		02/18/2010 14:00	111.5	1.56623	0.339	17.3	0.367	13.83	43.7086	104.8066171	104.860200	1.115027	104.827583	
2010	49	1500	49.625000000		02/18/2010 15:00	111.41	1.56497	0.339	17.31	0.367	13.85	43.7114	104.8057598	104.859343	1.114127	104.826683	
2010	49	1600	49.666666667		02/18/2010 16:00	111.46	1.56567	0.339	17.3	0.367	13.88	43.7099	104.8062361	104.859819	1.114627	104.827183	
2010	49	1700	49.708333333		02/18/2010 17:00	111.48	1.56595	0.339	17.31	0.367	13.78	43.7092	104.8064266	104.860010	1.114827	104.827383	
2010	49	1800	49.750000000		02/18/2010 18:00	111.55	1.56693	0.339	17.31	0.367	13.65	43.7070	104.8070933	104.860677	1.115528	104.828083	
2010	49	1900	49.791666667		02/18/2010 19:00	111.6	1.56764	0.339	17.29	0.367	13.57	43.7055	104.8075696	104.861153	1.116028	104.828583	
2010	49	2000	49.833333333		02/18/2010 20:00	111.72	1.56932	0.339	17.29	0.367	13.51	43.7017	104.8087126	104.862296	1.117228	104.829783	
2010	49	2100	49.875000000		02/18/2010 21:00	111.81	1.57059	0.339	17.31	0.367	13.44	43.6989	104.8095698	104.863153	1.118128	104.830683	
2010	49	2200	49.916666667		02/18/2010 22:00	112	1.57325	0.339	17.31	0.367	13.4	43.6930	104.8113796	104.864963	1.120028	104.832583	
2010	49	2300	49.958333333		02/18/2010 23:00	112.2	1.57606	0.339	17.31	0.367	13.34	43.6867	104.8132846	104.866868	1.122028	104.834583	
2010	49	2400	50.000000000		02/19/2010 0:00	112.45	1.57958	0.339	17.32	0.367	13.29	43.6789	104.8156659	104.869249	1.124528	104.837083	
2010	50	100	50.041666667		02/19/2010 1:00	112.71	1.58323	0.339	17.31	0.367	13.24	43.6708	104.8181424	104.871726	1.127128	104.839683	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	50	200	50.083333333		02/19/2010 2:00	113.04	1.58786	0.339	17.3	0.367	13.19	43.6605	104.8212856	104.874869	1.130428	104.842983	
2010	50	300	50.125000000		02/19/2010 3:00	113.44	1.59348	0.339	17.3	0.367	13.15	43.6480	104.8250957	104.878679	1.134428	104.846984	
2010	50	400	50.166666667		02/19/2010 4:00	113.79	1.59840	0.339	17.31	0.367	13.11	43.6370	104.8284294	104.882013	1.137928	104.850484	
2010	50	500	50.208333333		02/19/2010 5:00	114.17	1.60374	0.339	17.32	0.367	13.06	43.6252	104.832049	104.885632	1.141728	104.854284	
2010	50	600	50.250000000		02/19/2010 6:00	114.51	1.60851	0.339	17.31	0.367	13.02	43.6145	104.8352875	104.888871	1.145128	104.857684	
2010	50	700	50.291666667		02/19/2010 7:00	114.84	1.61315	0.339	17.31	0.367	12.98	43.6042	104.8384307	104.892014	1.148428	104.860984	
2010	50	800	50.333333333		02/19/2010 8:00	115.09	1.61666	0.339	17.32	0.367	14.09	43.5964	104.840812	104.894395	1.150928	104.863484	
2010	50	900	50.375000000		02/19/2010 9:00	115.33	1.62003	0.339	17.31	0.367	14.03	43.5889	104.843098	104.896681	1.153328	104.865884	
2010	50	1000	50.416666667		02/19/2010 10:00	115.51	1.62256	0.339	17.33	0.367	13.96	43.5833	104.8448125	104.898396	1.155128	104.867684	
2010	50	1100	50.458333333		02/19/2010 11:00	115.62	1.62410	0.339	17.3	0.367	13.9	43.5799	104.8458603	104.899444	1.156229	104.868784	
2010	50	1200	50.500000000		02/19/2010 12:00	115.78	1.62635	0.339	17.32	0.367	13.86	43.5749	104.8473843	104.900968	1.157829	104.870384	
2010	50	1300	50.541666667		02/19/2010 13:00	115.78	1.62635	0.339	17.31	0.367	13.84	43.5749	104.8473843	104.900968	1.157829	104.870384	
2010	50	1400	50.583333333		02/19/2010 14:00	115.73	1.62565	0.339	17.3	0.367	13.8	43.5764	104.846908	104.900491	1.157329	104.869884	
2010	50	1500	50.625000000		02/19/2010 15:00	115.68	1.62495	0.338	17.32	0.367	13.8	43.5780	104.8464318	104.900015	1.156829	104.869384	
2010	50	1600	50.666666667		02/19/2010 16:00	115.58	1.62354	0.339	17.3	0.367	13.82	43.5811	104.8454793	104.899063	1.155829	104.868384	
2010	50	1700	50.708333333		02/19/2010 17:00	115.51	1.62256	0.339	17.31	0.367	13.72	43.5833	104.8448125	104.898396	1.155128	104.867684	
2010	50	1800	50.750000000		02/19/2010 18:00	115.42	1.62130	0.339	17.33	0.367	13.59	43.5861	104.8439553	104.897539	1.154228	104.866784	
2010	50	1900	50.791666667		02/19/2010 19:00	115.28	1.61933	0.338	17.31	0.367	13.52	43.5905	104.8426218	104.896205	1.152828	104.865384	
2010	50	2000	50.833333333		02/19/2010 20:00	115.22	1.61849	0.338	17.3	0.367	13.46	43.5924	104.8420503	104.895634	1.152228	104.864784	
2010	50	2100	50.875000000		02/19/2010 21:00	115.13	1.61722	0.338	17.32	0.367	13.4	43.5952	104.841193	104.894776	1.151328	104.863884	
2010	50	2200	50.916666667		02/19/2010 22:00	115.14	1.61736	0.338	17.3	0.366	13.35	43.5949	104.8412883	104.894872	1.151428	104.863984	
2010	50	2300	50.958333333		02/19/2010 23:00	115.16	1.61764	0.338	17.31	0.366	13.3	43.5942	104.8414788	104.895062	1.151628	104.864184	
2010	50	2400	51.000000000		02/20/2010 0:00	115.21	1.61835	0.338	17.3	0.366	13.25	43.5927	104.841955	104.895538	1.152128	104.864684	
2010	51	100	51.041666667		02/20/2010 1:00	115.29	1.61947	0.338	17.28	0.367	13.2	43.5902	104.842717	104.896300	1.152928	104.865484	
2010	51	200	51.083333333		02/20/2010 2:00	115.45	1.62172	0.338	17.29	0.367	13.15	43.5852	104.844241	104.897824	1.154528	104.867084	
2010	51	300	51.125000000		02/20/2010 3:00	115.62	1.62410	0.338	17.3	0.367	13.11	43.5799	104.8458603	104.899444	1.156229	104.868784	
2010	51	400	51.166666667		02/20/2010 4:00	115.82	1.62691	0.338	17.32	0.366	13.07	43.5736	104.8477653	104.901349	1.158229	104.870784	
2010	51	500	51.208333333		02/20/2010 5:00	116	1.62944	0.338	17.31	0.366	13.02	43.5680	104.8494798	104.903063	1.160029	104.872584	
2010	51	600	51.250000000		02/20/2010 6:00	116.28	1.63338	0.338	17.29	0.367	12.98	43.5592	104.8521468	104.905730	1.162829	104.875384	
2010	51	700	51.291666667		02/20/2010 7:00	116.42	1.63534	0.338	17.29	0.366	12.94	43.5549	104.8534803	104.907064	1.164229	104.876784	
2010	51	800	51.333333333		02/20/2010 8:00	116.57	1.63745	0.338	17.31	0.366	14.19	43.5502	104.8549091	104.908492	1.165729	104.878284	
2010	51	900	51.375000000		02/20/2010 9:00	116.77	1.64026	0.338	17.3	0.366	14.18	43.5439	104.8568141	104.910397	1.167729	104.880284	
2010	51	1000	51.416666667		02/20/2010 10:00	116.98	1.64321	0.338	17.3	0.366	14.09	43.5374	104.8588144	104.912398	1.169829	104.882384	
2010	51	1100	51.458333333		02/20/2010 11:00	117.19	1.64616	0.338	17.31	0.366	13.97	43.5308	104.8608146	104.914398	1.171929	104.884484	
2010	51	1200	51.500000000		02/20/2010 12:00	117.29	1.64756	0.338	17.29	0.366	13.9	43.5277	104.8617671	104.915350	1.172929	104.885484	
2010	51	1300	51.541666667		02/20/2010 13:00	117.34	1.64827	0.338	17.33	0.366	13.84	43.5261	104.8622434	104.915827	1.173429	104.885985	
2010	51	1400	51.583333333		02/20/2010 14:00	117.4	1.64911	0.338	17.31	0.366	13.83	43.5242	104.8628149	104.916398	1.174029	104.886585	
2010	51	1500	51.625000000		02/20/2010 15:00	117.5	1.65051	0.338	17.31	0.366	13.8	43.5211	104.8637674	104.917351	1.175029	104.887585	
2010	51	1600	51.666666667		02/20/2010 16:00	117.47	1.65009	0.338	17.31	0.366	13.82	43.5220	104.8634816	104.917065	1.174729	104.887285	
2010	51	1700	51.708333333		02/20/2010 17:00	117.44	1.64967	0.338	17.32	0.366	13.68	43.5230	104.8631959	104.916779	1.174429	104.886985	
2010	51	1800	51.750000000		02/20/2010 18:00	117.35	1.64841	0.338	17.33	0.366	13.56	43.5258	104.8623386	104.915922	1.173529	104.886085	
2010	51	1900	51.791666667		02/20/2010 19:00	117.31	1.64784	0.338	17.3	0.366	13.48	43.5270	104.8619576	104.915541	1.173129	104.885685	
2010	51	2000	51.833333333		02/20/2010 20:00	117.27	1.64728	0.338	17.3	0.366	13.42	43.5283	104.8615766	104.915160	1.172729	104.885284	
2010	51	2100	51.875000000		02/20/2010 21:00	117.3	1.64770	0.338	17.31	0.366	13.36	43.5274	104.8618624	104.915446	1.173029	104.885585	
2010	51	2200	51.916666667		02/20/2010 22:00	117.25	1.64700	0.338	17.3	0.366	13.31	43.5289	104.8613861	104.914969	1.172529	104.885084	
2010	51	2300	51.958333333		02/20/2010 23:00	117.16	1.64574	0.337	17.31	0.366	13.26	43.5317	104.8605289	104.914112	1.171629	104.884184	
2010	51	2400	52.000000000		02/21/2010 0:00	117.16	1.64574	0.338	17.31	0.366	13.21	43.5317	104.8605289	104.914112	1.171629	104.884184	
2010	52	100	52.041666667		02/21/2010 1:00	117.11	1.64503	0.338	17.31	0.366	13.17	43.5333	104.8600526	104.913636	1.171129	104.883684	
2010	52	200	52.083333333		02/21/2010 2:00	117.07	1.64447	0.338	17.3	0.366	13.12	43.5345	104.8596716	104.913255	1.170729	104.883284	
2010	52	300	52.125000000		02/21/2010 3:00	117.12	1.64517	0.337	17.31	0.366	13.08	43.5330	104.8601479	104.913731	1.171229	104.883784	
2010	52	400	52.166666667		02/21/2010 4:00	117.2	1.64630	0.338	17.33	0.366	13.03	43.5305	104.8609099	104.914493	1.172029	104.884584	
2010	52	500	52.208333333		02/21/2010 5:00	117.32	1.64798	0.338	17.27	0.366	12.99	43.5267	104.8620529	104.915636	1.173229	104.885785	
2010	52	600	52.250000000		02/21/2010 6:00	117.4	1.64911	0.338	17.29	0.366	12.95	43.5242	104.8628149	104.916398	1.174029	104.886585	
2010	52	700	52.291666667		02/21/2010 7:00	117.49	1.65037	0.338	17.32	0.366	13.04	43.5214	104.8636721	104.917255	1.174929	104.887485	
2010	52	800	52.333333333		02/21/2010 8:00	117.57	1.65150	0.338	17.3	0.366	14.2	43.5189	104.8644341	104.918017	1.175729	104.888285	
2010	52	900	52.375000000		02/21/2010 9:00	117.67	1.65290	0.337	17.3	0.366	14.13	43.5158	104.8653866	104.918970	1.176729	104.889285	
2010	52	1000	52.416666667		02/21/2010 10:00	117.73	1.65374	0.337	17.29	0.366	14.03	43.5139	104.8659582	104.919541	1.177329	104.889885	
2010	52	1100	52.458333333		02/21/2010 11:00	117.79	1.65459	0.338	17.31	0.366	13.94	43.5120	104.8665297	104.920113	1.177929	104.890485	
2010	52	1200	52.500000000		02/21/2010 12:00	117.76	1.65416	0.338	17.32	0.366	13.9	43.5130	104.8662439	104.919827	1.177629	104.890185	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	52	1300	52.541666667		02/21/2010 13:00	117.82	1.65501	0.337	17.32	0.365	13.86	43.5111	104.8668154	104.920399	1.178229	104.890785	
2010	52	1400	52.583333333		02/21/2010 14:00	117.73	1.65374	0.337	17.31	0.365	13.83	43.5139	104.8659582	104.919541	1.177329	104.889885	
2010	52	1500	52.625000000		02/21/2010 15:00	117.65	1.65262	0.337	17.33	0.365	13.82	43.5164	104.8651961	104.918779	1.176529	104.889085	
2010	52	1600	52.666666667		02/21/2010 16:00	117.58	1.65164	0.337	17.3	0.365	13.84	43.5186	104.8645294	104.918113	1.175829	104.888385	
2010	52	1700	52.708333333		02/21/2010 17:00	117.44	1.64967	0.337	17.3	0.365	13.68	43.5230	104.8631959	104.916779	1.174429	104.886985	
2010	52	1800	52.750000000		02/21/2010 18:00	117.31	1.64784	0.337	17.32	0.365	13.57	43.5270	104.8619576	104.915541	1.173129	104.885685	
2010	52	1900	52.791666667		02/21/2010 19:00	117.24	1.64686	0.337	17.31	0.365	13.5	43.5292	104.8612909	104.914874	1.172429	104.884984	
2010	52	2000	52.833333333		02/21/2010 20:00	117.07	1.64447	0.337	17.31	0.365	13.44	43.5345	104.8596716	104.913255	1.170729	104.883284	
2010	52	2100	52.875000000		02/21/2010 21:00	116.99	1.64335	0.337	17.3	0.365	13.39	43.5370	104.8589096	104.912493	1.169929	104.882484	
2010	52	2200	52.916666667		02/21/2010 22:00	116.87	1.64166	0.337	17.32	0.365	13.33	43.5408	104.8577666	104.911350	1.168729	104.881284	
2010	52	2300	52.958333333		02/21/2010 23:00	116.68	1.63899	0.337	17.32	0.365	13.29	43.5467	104.8559568	104.909540	1.166829	104.879384	
2010	52	2400	53.000000000		02/22/2010 0:00	116.64	1.63843	0.337	17.3	0.365	13.23	43.5480	104.8555758	104.909159	1.166429	104.878984	
2010	53	100	53.041666667		02/22/2010 1:00	116.49	1.63633	0.337	17.31	0.365	13.18	43.5527	104.8541471	104.907730	1.164929	104.877484	
2010	53	200	53.083333333		02/22/2010 2:00	116.38	1.63478	0.337	17.31	0.365	13.14	43.5561	104.8530993	104.906683	1.163829	104.876384	
2010	53	300	53.125000000		02/22/2010 3:00	116.34	1.63422	0.337	17.3	0.365	13.1	43.5574	104.8527183	104.906302	1.163429	104.875984	
2010	53	400	53.166666667		02/22/2010 4:00	116.29	1.63352	0.337	17.32	0.365	13.06	43.5589	104.8522421	104.905825	1.162929	104.875484	
2010	53	500	53.208333333		02/22/2010 5:00	116.33	1.63408	0.337	17.29	0.365	13.01	43.5577	104.8526231	104.906206	1.163329	104.875884	
2010	53	600	53.250000000		02/22/2010 6:00	116.41	1.63520	0.337	17.29	0.365	12.97	43.5552	104.8533851	104.906968	1.164129	104.876684	
2010	53	700	53.291666667		02/22/2010 7:00	116.42	1.63534	0.337	17.29	0.365	13.07	43.5549	104.8534803	104.907064	1.164229	104.876784	
2010	53	800	53.333333333		02/22/2010 8:00	116.46	1.63590	0.336	17.3	0.365	14.15	43.5536	104.8538613	104.907445	1.164629	104.877184	
2010	53	900	53.375000000		02/22/2010 9:00	116.5	1.63647	0.336	17.31	0.364	14.11	43.5524	104.8542423	104.907826	1.165029	104.877584	
2010	53	1000	53.416666667		02/22/2010 10:00	116.46	1.63590	0.337	17.31	0.365	14.02	43.5536	104.8538613	104.907445	1.164629	104.877184	
2010	53	1100	53.458333333		02/22/2010 11:00	116.41	1.63520	0.337	17.29	0.365	13.94	43.5552	104.8533851	104.906968	1.164129	104.876684	
2010	53	1200	53.500000000		02/22/2010 12:00	116.33	1.63408	0.337	17.32	0.365	13.89	43.5577	104.8526231	104.906206	1.163329	104.875884	
2010	53	1300	53.541666667		02/22/2010 13:00	116.25	1.63295	0.336	17.3	0.364	13.84	43.5602	104.8518611	104.905444	1.162529	104.875084	
2010	53	1400	53.583333333		02/22/2010 14:00	116.07	1.63043	0.337	17.32	0.365	13.81	43.5658	104.8501466	104.903730	1.160729	104.873284	
2010	53	1500	53.625000000		02/22/2010 15:00	115.95	1.62874	0.336	17.32	0.364	13.79	43.5695	104.8490036	104.902587	1.159529	104.872084	
2010	53	1600	53.666666667		02/22/2010 16:00	115.88	1.62776	0.336	17.31	0.364	13.8	43.5717	104.8483368	104.901920	1.158829	104.871384	
2010	53	1700	53.708333333		02/22/2010 17:00	115.79	1.62649	0.336	17.3	0.364	13.66	43.5745	104.8474795	104.901063	1.157929	104.870484	
2010	53	1800	53.750000000		02/22/2010 18:00	115.77	1.62621	0.336	17.31	0.364	13.55	43.5752	104.847289	104.900872	1.157729	104.870284	
2010	53	1900	53.791666667		02/22/2010 19:00	115.78	1.62635	0.337	17.31	0.365	13.48	43.5749	104.8473843	104.900968	1.157829	104.870384	
2010	53	2000	53.833333333		02/22/2010 20:00	115.83	1.62705	0.336	17.3	0.365	13.41	43.5733	104.8478605	104.901444	1.158329	104.870884	
2010	53	2100	53.875000000		02/22/2010 21:00	115.95	1.62874	0.336	17.31	0.365	13.36	43.5695	104.8490036	104.902587	1.159529	104.872084	
2010	53	2200	53.916666667		02/22/2010 22:00	116.1	1.63085	0.336	17.31	0.364	13.3	43.5649	104.8504323	104.904016	1.161029	104.873584	
2010	53	2300	53.958333333		02/22/2010 23:00	116.3	1.63366	0.336	17.31	0.364	13.26	43.5586	104.8523373	104.905921	1.163029	104.875584	
2010	53	2400	54.000000000		02/23/2010 0:00	116.58	1.63759	0.336	17.29	0.365	13.21	43.5499	104.8550043	104.908588	1.165829	104.878384	
2010	54	100	54.041666667		02/23/2010 1:00	116.84	1.64124	0.336	17.31	0.364	13.17	43.5417	104.8574809	104.911064	1.168429	104.880984	
2010	54	200	54.083333333		02/23/2010 2:00	117.17	1.64588	0.336	17.32	0.364	13.12	43.5314	104.8606241	104.914207	1.171729	104.884284	
2010	54	300	54.125000000		02/23/2010 3:00	117.58	1.65164	0.336	17.29	0.364	13.07	43.5186	104.8645294	104.918113	1.175829	104.888385	
2010	54	400	54.166666667		02/23/2010 4:00	117.9	1.65613	0.336	17.33	0.364	13.02	43.5086	104.8675774	104.921161	1.179029	104.891585	
2010	54	500	54.208333333		02/23/2010 5:00	118.39	1.66301	0.336	17.29	0.364	12.99	43.4933	104.8722447	104.925828	1.183929	104.896485	
2010	54	600	54.250000000		02/23/2010 6:00	118.78	1.66849	0.336	17.29	0.364	12.94	43.4811	104.8759595	104.929543	1.187829	104.900385	
2010	54	700	54.291666667		02/23/2010 7:00	119.16	1.67383	0.336	17.34	0.364	13.58	43.4692	104.879579	104.933162	1.191629	104.904185	
2010	54	800	54.333333333		02/23/2010 8:00	119.49	1.67847	0.336	17.33	0.364	14.23	43.4589	104.8827222	104.936306	1.194929	104.907485	
2010	54	900	54.375000000		02/23/2010 9:00	119.82	1.68310	0.336	17.31	0.364	14.15	43.4486	104.8858655	104.939449	1.198230	104.910785	
2010	54	1000	54.416666667		02/23/2010 10:00	120.14	1.68760	0.336	17.31	0.364	14.07	43.4386	104.8889135	104.942497	1.201430	104.913985	
2010	54	1100	54.458333333		02/23/2010 11:00	120.35	1.69055	0.336	17.32	0.364	14.01	43.4320	104.8909138	104.944497	1.203530	104.916085	
2010	54	1200	54.500000000		02/23/2010 12:00	120.54	1.69322	0.336	17.3	0.364	13.94	43.4261	104.8927236	104.946307	1.205430	104.917985	
2010	54	1300	54.541666667		02/23/2010 13:00	120.56	1.69350	0.336	17.31	0.364	13.92	43.4255	104.8929141	104.946497	1.205630	104.918185	
2010	54	1400	54.583333333		02/23/2010 14:00	120.6	1.69406	0.336	17.3	0.364	13.89	43.4242	104.8932951	104.946878	1.206030	104.918585	
2010	54	1500	54.625000000		02/23/2010 15:00	120.7	1.69546	0.336	17.31	0.364	13.89	43.4211	104.8942476	104.947831	1.207030	104.919585	
2010	54	1600	54.666666667		02/23/2010 16:00	120.73	1.69588	0.336	17.3	0.364	13.9	43.4202	104.8945333	104.948117	1.207330	104.919885	
2010	54	1700	54.708333333		02/23/2010 17:00	120.77	1.69645	0.336	17.32	0.364	13.84	43.4189	104.8949143	104.948498	1.207730	104.920285	
2010	54	1800	54.750000000		02/23/2010 18:00	120.92	1.69855	0.336	17.32	0.364	13.67	43.4142	104.8963431	104.949926	1.209230	104.921785	
2010	54	1900	54.791666667		02/23/2010 19:00	121.09	1.70094	0.336	17.33	0.364	13.57	43.4089	104.8979623	104.951546	1.210930	104.923485	
2010	54	2000	54.833333333		02/23/2010 20:00	121.23	1.70291	0.336	17.32	0.364	13.5	43.4045	104.8992958	104.952879	1.212330	104.924885	
2010	54	2100	54.875000000		02/23/2010 21:00	121.5	1.70670	0.336	17.31	0.364	13.44	43.3961	104.9018676	104.955451	1.215030	104.927586	
2010	54	2200	54.916666667		02/23/2010 22:00	121.8	1.71091	0.336	17.3	0.364	13.38	43.3867	104.9047251	104.958308	1.218030	104.930586	
2010	54	2300	54.958333333		02/23/2010 23:00	122.04	1.71429	0.336	17.3	0.364	13.33	43.3792	104.9070111	104.960594	1.220430	104.932986	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	54	2400	55.000000000		02/24/2010 0:00	122.4	1.71934	0.336	17.32	0.364	13.28	43.3680	104.9104402	104.964023	1.224030	104.936586	
2010	55	100	55.041666667		02/24/2010 1:00	122.73	1.72398	0.336	17.32	0.364	13.23	43.3577	104.9135834	104.967167	1.227330	104.939886	
2010	55	200	55.083333333		02/24/2010 2:00	123.1	1.72918	0.336	17.32	0.364	13.18	43.3461	104.9171077	104.970691	1.231030	104.943586	
2010	55	300	55.125000000		02/24/2010 3:00	123.48	1.73451	0.336	17.32	0.364	13.13	43.3342	104.9207272	104.974310	1.234830	104.947386	
2010	55	400	55.166666667		02/24/2010 4:00	123.87	1.73999	0.336	17.32	0.363	13.09	43.3220	104.924442	104.978025	1.238731	104.951286	
2010	55	500	55.208333333		02/24/2010 5:00	124.22	1.74491	0.336	17.32	0.364	13.05	43.3111	104.9277757	104.981359	1.242231	104.954786	
2010	55	600	55.250000000		02/24/2010 6:00	124.61	1.75039	0.336	17.3	0.364	13.01	43.2989	104.9314905	104.985074	1.246131	104.958686	
2010	55	700	55.291666667		02/24/2010 7:00	124.9	1.75446	0.336	17.3	0.364	12.96	43.2899	104.9342528	104.987836	1.249031	104.961586	
2010	55	800	55.333333333		02/24/2010 8:00	125.2	1.75867	0.336	17.33	0.363	13.05	43.2805	104.9371103	104.990694	1.252031	104.964586	
2010	55	900	55.375000000		02/24/2010 9:00	125.47	1.76247	0.336	17.31	0.364	14.01	43.2720	104.9396821	104.993265	1.254731	104.967287	
2010	55	1000	55.416666667		02/24/2010 10:00	125.71	1.76584	0.336	17.33	0.364	13.97	43.2645	104.9419681	104.995551	1.257131	104.969687	
2010	55	1100	55.458333333		02/24/2010 11:00	125.87	1.76809	0.336	17.32	0.364	13.89	43.2595	104.9434921	104.997075	1.258731	104.971287	
2010	55	1200	55.500000000		02/24/2010 12:00	126.01	1.77005	0.336	17.34	0.364	13.85	43.2552	104.9448256	104.998409	1.260131	104.972687	
2010	55	1300	55.541666667		02/24/2010 13:00	126.26	1.77356	0.336	17.33	0.364	13.8	43.2474	104.9472069	105.000790	1.262631	104.975187	
2010	55	1400	55.583333333		02/24/2010 14:00	126.34	1.77469	0.336	17.32	0.364	13.75	43.2449	104.9479689	105.001552	1.263431	104.975987	
2010	55	1500	55.625000000		02/24/2010 15:00	126.27	1.77370	0.336	17.34	0.364	13.75	43.2470	104.9473021	105.000885	1.262731	104.975287	
2010	55	1600	55.666666667		02/24/2010 16:00	126.23	1.77314	0.336	17.33	0.364	13.76	43.2483	104.9469211	105.000504	1.262331	104.974887	
2010	55	1700	55.708333333		02/24/2010 17:00	126.3	1.77413	0.336	17.33	0.364	13.69	43.2461	104.9475879	105.001171	1.263031	104.975587	
2010	55	1800	55.750000000		02/24/2010 18:00	126.3	1.77413	0.336	17.32	0.364	13.55	43.2461	104.9475879	105.001171	1.263031	104.975587	
2010	55	1900	55.791666667		02/24/2010 19:00	126.26	1.77356	0.336	17.35	0.364	13.46	43.2474	104.9472069	105.000790	1.262631	104.975187	
2010	55	2000	55.833333333		02/24/2010 20:00	126.23	1.77314	0.336	17.33	0.364	13.38	43.2483	104.9469211	105.000504	1.262331	104.974887	
2010	55	2100	55.875000000		02/24/2010 21:00	126.2	1.77272	0.336	17.31	0.364	13.33	43.2492	104.9466354	105.000219	1.262031	104.974587	
2010	55	2200	55.916666667		02/24/2010 22:00	126.05	1.77061	0.336	17.32	0.364	13.27	43.2539	104.9452066	104.998790	1.260531	104.973087	
2010	55	2300	55.958333333		02/24/2010 23:00	126.03	1.77033	0.336	17.34	0.364	13.21	43.2545	104.9450161	104.998599	1.260331	104.972887	
2010	55	2400	56.000000000		02/25/2010 0:00	125.89	1.76837	0.336	17.31	0.364	13.16	43.2589	104.9436826	104.997266	1.258931	104.971487	
2010	56	100	56.041666667		02/25/2010 1:00	125.73	1.76612	0.336	17.32	0.364	13.11	43.2639	104.9421586	104.995742	1.257331	104.969887	
2010	56	200	56.083333333		02/25/2010 2:00	125.56	1.76373	0.336	17.34	0.364	13.07	43.2692	104.9405393	104.994123	1.255631	104.968187	
2010	56	300	56.125000000		02/25/2010 3:00	125.4	1.76148	0.336	17.35	0.364	13.03	43.2742	104.9390153	104.992599	1.254031	104.966586	
2010	56	400	56.166666667		02/25/2010 4:00	125.26	1.75952	0.336	17.34	0.364	12.99	43.2786	104.9376818	104.991265	1.252631	104.965186	
2010	56	500	56.208333333		02/25/2010 5:00	125.02	1.75615	0.336	17.33	0.364	12.94	43.2861	104.9353958	104.988979	1.250231	104.962786	
2010	56	600	56.250000000		02/25/2010 6:00	124.94	1.75502	0.336	17.33	0.364	12.91	43.2886	104.9346338	104.988217	1.249431	104.961986	
2010	56	700	56.291666667		02/25/2010 7:00	124.75	1.75235	0.336	17.32	0.364	13.17	43.2945	104.932824	104.986407	1.247531	104.960086	
2010	56	800	56.333333333		02/25/2010 8:00	124.64	1.75081	0.336	17.34	0.364	13.98	43.2980	104.9317763	104.985360	1.246431	104.958986	
2010	56	900	56.375000000		02/25/2010 9:00	124.51	1.74898	0.336	17.34	0.364	13.91	43.3020	104.930538	104.984121	1.245131	104.957686	
2010	56	1000	56.416666667		02/25/2010 10:00	124.4	1.74744	0.336	17.32	0.364	13.86	43.3055	104.9294903	104.983074	1.244031	104.956586	
2010	56	1100	56.458333333		02/25/2010 11:00	124.17	1.74421	0.336	17.34	0.364	13.8	43.3127	104.9272995	104.980883	1.241731	104.954286	
2010	56	1200	56.500000000		02/25/2010 12:00	124.11	1.74336	0.336	17.33	0.364	13.75	43.3145	104.926728	104.980311	1.241131	104.953686	
2010	56	1300	56.541666667		02/25/2010 13:00	123.96	1.74126	0.336	17.33	0.364	13.69	43.3192	104.9252992	104.978882	1.239631	104.952186	
2010	56	1400	56.583333333		02/25/2010 14:00	123.77	1.73859	0.336	17.34	0.364	13.68	43.3252	104.9234895	104.977073	1.237731	104.950286	
2010	56	1500	56.625000000		02/25/2010 15:00	123.56	1.73564	0.336	17.35	0.364	13.68	43.3317	104.9214892	104.975072	1.235630	104.948186	
2010	56	1600	56.666666667		02/25/2010 16:00	123.46	1.73423	0.336	17.33	0.364	13.69	43.3349	104.9205367	104.974120	1.234630	104.947186	
2010	56	1700	56.708333333		02/25/2010 17:00	123.3	1.73198	0.336	17.34	0.364	13.65	43.3399	104.9190127	104.972596	1.233030	104.945586	
2010	56	1800	56.750000000		02/25/2010 18:00	123.18	1.73030	0.336	17.34	0.364	13.51	43.3436	104.9178697	104.971453	1.231830	104.944386	
2010	56	1900	56.791666667		02/25/2010 19:00	123.01	1.72791	0.336	17.32	0.364	13.42	43.3489	104.9162504	104.969834	1.230130	104.942686	
2010	56	2000	56.833333333		02/25/2010 20:00	122.94	1.72693	0.336	17.33	0.364	13.36	43.3511	104.9155837	104.969167	1.229430	104.941986	
2010	56	2100	56.875000000		02/25/2010 21:00	122.82	1.72524	0.336	17.32	0.364	13.3	43.3549	104.9144407	104.968024	1.228230	104.940786	
2010	56	2200	56.916666667		02/25/2010 22:00	122.77	1.72454	0.336	17.32	0.364	13.25	43.3564	104.9139644	104.967548	1.227730	104.940286	
2010	56	2300	56.958333333		02/25/2010 23:00	122.82	1.72524	0.336	17.32	0.364	13.2	43.3549	104.9144407	104.968024	1.228230	104.940786	
2010	56	2400	57.000000000		02/26/2010 0:00	122.82	1.72524	0.336	17.31	0.364	13.15	43.3549	104.9144407	104.968024	1.228230	104.940786	
2010	57	100	57.041666667		02/26/2010 1:00	122.91	1.72651	0.336	17.32	0.364	13.11	43.3520	104.9152979	104.968881	1.229130	104.941686	
2010	57	200	57.083333333		02/26/2010 2:00	122.99	1.72763	0.336	17.32	0.364	13.07	43.3495	104.9160599	104.969643	1.229930	104.942486	
2010	57	300	57.125000000		02/26/2010 3:00	123.11	1.72932	0.336	17.32	0.364	13.03	43.3458	104.9172029	104.970786	1.231130	104.943686	
2010	57	400	57.166666667		02/26/2010 4:00	123.23	1.73100	0.336	17.33	0.364	12.98	43.3420	104.9183459	104.971929	1.232330	104.944886	
2010	57	500	57.208333333		02/26/2010 5:00	123.47	1.73437	0.336	17.33	0.364	12.94	43.3345	104.920632	104.974215	1.234730	104.947286	
2010	57	600	57.250000000		02/26/2010 6:00	123.6	1.73620	0.336	17.33	0.364	12.91	43.3305	104.9218702	104.975453	1.236030	104.948586	
2010	57	700	57.291666667		02/26/2010 7:00	123.66	1.73704	0.336	17.33	0.364	12.88	43.3286	104.9224417	104.976025	1.236630	104.949186	
2010	57	800	57.333333333		02/26/2010 8:00	123.68	1.73732	0.336	17.34	0.364	12.85	43.3280	104.9226322	104.976215	1.236831	104.949386	
2010	57	900	57.375000000		02/26/2010 9:00	123.79	1.73887	0.336	17.32	0.364	13.22	43.3245	104.92368	104.977263	1.237931	104.950486	
2010	57	1000	57.416666667		02/26/2010 10:00	123.74	1.73817	0.336	17.32	0.364	13.75	43.3261	104.9232037	104.976787	1.237431	104.949986	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	57	1100	57.458333333		02/26/2010 11:00	123.85	1.73971	0.336	17.32	0.364	13.98	43.3227	104.9242515	104.977835	1.238531	104.951086	
2010	57	1200	57.500000000		02/26/2010 12:00	123.64	1.73676	0.336	17.34	0.364	13.97	43.3292	104.9222512	104.975834	1.236430	104.948986	
2010	57	1300	57.541666667		02/26/2010 13:00	123.49	1.73465	0.336	17.3	0.364	13.96	43.3339	104.9208225	104.974406	1.234930	104.947486	
2010	57	1400	57.583333333		02/26/2010 14:00	123.41	1.73353	0.336	17.31	0.364	13.97	43.3364	104.9200605	104.973644	1.234130	104.946686	
2010	57	1500	57.625000000		02/26/2010 15:00	123.21	1.73072	0.336	17.3	0.364	13.84	43.3427	104.9181554	104.971739	1.232130	104.944686	
2010	57	1600	57.666666667		02/26/2010 16:00	123.11	1.72932	0.336	17.3	0.364	13.69	43.3458	104.9172029	104.970786	1.231130	104.943686	
2010	57	1700	57.708333333		02/26/2010 17:00	122.88	1.72609	0.336	17.36	0.364	13.59	43.3530	104.9150122	104.968595	1.228830	104.941386	
2010	57	1800	57.750000000		02/26/2010 18:00	122.72	1.72384	0.336	17.33	0.364	13.51	43.3580	104.9134882	104.967071	1.227230	104.939786	
2010	57	1900	57.791666667		02/26/2010 19:00	122.55	1.72145	0.336	17.34	0.364	13.45	43.3633	104.9118689	104.965452	1.225530	104.938086	
2010	57	2000	57.833333333		02/26/2010 20:00	122.37	1.71892	0.336	17.35	0.364	13.38	43.3689	104.9101544	104.963738	1.223730	104.936286	
2010	57	2100	57.875000000		02/26/2010 21:00	122.34	1.71850	0.336	17.33	0.364	13.33	43.3699	104.9098686	104.963452	1.223430	104.935986	
2010	57	2200	57.916666667		02/26/2010 22:00	122.23	1.71695	0.336	17.31	0.364	13.28	43.3733	104.9088209	104.962404	1.222330	104.934886	
2010	57	2300	57.958333333		02/26/2010 23:00	122.08	1.71485	0.336	17.33	0.364	13.23	43.3780	104.9073921	104.960975	1.220830	104.933386	
2010	57	2400	58.000000000		02/27/2010 0:00	122.19	1.71639	0.336	17.33	0.364	13.17	43.3745	104.9084399	104.962023	1.221930	104.934486	
2010	58	100	58.041666667		02/27/2010 1:00	121.94	1.71288	0.336	17.33	0.364	13.13	43.3824	104.9060586	104.959642	1.219430	104.931986	
2010	58	200	58.083333333		02/27/2010 2:00	121.93	1.71274	0.336	17.32	0.364	13.08	43.3827	104.9059634	104.959547	1.219330	104.931886	
2010	58	300	58.125000000		02/27/2010 3:00	121.88	1.71204	0.336	17.33	0.364	13.04	43.3842	104.9054871	104.959070	1.218830	104.931386	
2010	58	400	58.166666667		02/27/2010 4:00	121.88	1.71204	0.336	17.32	0.364	12.99	43.3842	104.9054871	104.959070	1.218830	104.931386	
2010	58	500	58.208333333		02/27/2010 5:00	121.78	1.71063	0.336	17.33	0.364	12.96	43.3874	104.9045346	104.958118	1.217830	104.930386	
2010	58	600	58.250000000		02/27/2010 6:00	121.77	1.71049	0.336	17.32	0.364	12.92	43.3877	104.9044394	104.958023	1.217730	104.930286	
2010	58	700	58.291666667		02/27/2010 7:00	121.63	1.70853	0.336	17.33	0.364	12.89	43.3920	104.9031059	104.956689	1.216330	104.928886	
2010	58	800	58.333333333		02/27/2010 8:00	121.6	1.70811	0.336	17.33	0.364	14.08	43.3930	104.9028201	104.956403	1.216030	104.928586	
2010	58	900	58.375000000		02/27/2010 9:00	121.49	1.70656	0.336	17.31	0.364	14.07	43.3964	104.9017724	104.955356	1.214930	104.927486	
2010	58	1000	58.416666667		02/27/2010 10:00	121.48	1.70642	0.336	17.32	0.364	14.02	43.3967	104.9016771	104.955260	1.214830	104.927386	
2010	58	1100	58.458333333		02/27/2010 11:00	121.31	1.70403	0.336	17.33	0.364	13.93	43.4020	104.9000578	104.953641	1.213130	104.925685	
2010	58	1200	58.500000000		02/27/2010 12:00	121.28	1.70361	0.336	17.34	0.364	13.84	43.4030	104.8997721	104.953355	1.212830	104.925385	
2010	58	1300	58.541666667		02/27/2010 13:00	121.07	1.70066	0.336	17.34	0.364	13.76	43.4095	104.8977718	104.951355	1.210730	104.923285	
2010	58	1400	58.583333333		02/27/2010 14:00	120.9	1.69827	0.336	17.33	0.364	13.69	43.4149	104.8961526	104.949736	1.209030	104.921585	
2010	58	1500	58.625000000		02/27/2010 15:00	120.71	1.69560	0.336	17.34	0.364	13.69	43.4208	104.8943428	104.947926	1.207130	104.919685	
2010	58	1600	58.666666667		02/27/2010 16:00	120.48	1.69237	0.336	17.33	0.364	13.69	43.4280	104.892152	104.945735	1.204830	104.917385	
2010	58	1700	58.708333333		02/27/2010 17:00	120.29	1.68970	0.336	17.32	0.364	13.57	43.4339	104.8903423	104.943926	1.202930	104.915485	
2010	58	1800	58.750000000		02/27/2010 18:00	120.05	1.68633	0.336	17.32	0.364	13.46	43.4414	104.8880563	104.941640	1.200530	104.913085	
2010	58	1900	58.791666667		02/27/2010 19:00	119.83	1.68324	0.336	17.34	0.364	13.38	43.4483	104.8859608	104.939544	1.198330	104.910885	
2010	58	2000	58.833333333		02/27/2010 20:00	119.54	1.67917	0.336	17.31	0.364	13.32	43.4574	104.8831985	104.936782	1.195429	104.907985	
2010	58	2100	58.875000000		02/27/2010 21:00	119.32	1.67608	0.336	17.3	0.364	13.26	43.4642	104.881103	104.934686	1.193229	104.905785	
2010	58	2200	58.916666667		02/27/2010 22:00	119.04	1.67214	0.336	17.31	0.364	13.21	43.4730	104.878436	104.932019	1.190429	104.902985	
2010	58	2300	58.958333333		02/27/2010 23:00	118.84	1.66934	0.336	17.31	0.364	13.17	43.4792	104.876531	104.930114	1.188429	104.900985	
2010	58	2400	59.000000000		02/28/2010 0:00	118.62	1.66625	0.336	17.32	0.364	13.12	43.4861	104.8744354	104.928019	1.186229	104.898785	
2010	59	100	59.041666667		02/28/2010 1:00	118.43	1.66358	0.336	17.31	0.364	13.08	43.4920	104.8726257	104.926209	1.184329	104.896885	
2010	59	200	59.083333333		02/28/2010 2:00	118.26	1.66119	0.336	17.32	0.364	13.04	43.4974	104.8710064	104.924590	1.182629	104.895185	
2010	59	300	59.125000000		02/28/2010 3:00	118.25	1.66105	0.336	17.33	0.364	12.99	43.4977	104.8709112	104.924494	1.182529	104.895085	
2010	59	400	59.166666667		02/28/2010 4:00	118.26	1.66119	0.336	17.33	0.364	12.94	43.4974	104.8710064	104.924590	1.182629	104.895185	
2010	59	500	59.208333333		02/28/2010 5:00	118.26	1.66119	0.336	17.32	0.364	12.91	43.4974	104.8710064	104.924590	1.182629	104.895185	
2010	59	600	59.250000000		02/28/2010 6:00	118.4	1.66315	0.336	17.31	0.364	12.87	43.4930	104.8723399	104.925923	1.184029	104.896585	
2010	59	700	59.291666667		02/28/2010 7:00	118.46	1.66400	0.336	17.32	0.364	14.1	43.4911	104.8729114	104.926495	1.184629	104.897185	
2010	59	800	59.333333333		02/28/2010 8:00	118.52	1.66484	0.336	17.32	0.364	14.11	43.4892	104.8734829	104.927066	1.185229	104.897785	
2010	59	900	59.375000000		02/28/2010 9:00	118.5	1.66456	0.336	17.34	0.364	14.05	43.4899	104.8732924	104.926876	1.185029	104.897585	
2010	59	1000	59.416666667		02/28/2010 10:00	118.49	1.66442	0.336	17.32	0.364	13.96	43.4902	104.8731972	104.926780	1.184929	104.897485	
2010	59	1100	59.458333333		02/28/2010 11:00	118.5	1.66456	0.336	17.33	0.364	13.88	43.4899	104.8732924	104.926876	1.185029	104.897585	
2010	59	1200	59.500000000		02/28/2010 12:00	118.43	1.66358	0.336	17.34	0.364	13.81	43.4920	104.8726257	104.926209	1.184329	104.896885	
2010	59	1300	59.541666667		02/28/2010 13:00	118.36	1.66259	0.336	17.35	0.364	13.74	43.4942	104.8719589	104.925542	1.183629	104.896185	
2010	59	1400	59.583333333		02/28/2010 14:00	118.15	1.65964	0.336	17.33	0.364	13.7	43.5008	104.8699587	104.923542	1.181529	104.894085	
2010	59	1500	59.625000000		02/28/2010 15:00	118.04	1.65810	0.336	17.34	0.364	13.67	43.5042	104.8689109	104.922494	1.180429	104.892985	
2010	59	1600	59.666666667		02/28/2010 16:00	117.96	1.65697	0.336	17.34	0.364	13.67	43.5067	104.8681489	104.921732	1.179629	104.892185	
2010	59	1700	59.708333333		02/28/2010 17:00	117.74	1.65388	0.336	17.32	0.364	13.55	43.5136	104.8660534	104.919637	1.177429	104.889985	
2010	59	1800	59.750000000		02/28/2010 18:00	117.61	1.65206	0.336	17.32	0.364	13.44	43.5177	104.8648151	104.918398	1.176129	104.888685	
2010	59	1900	59.791666667		02/28/2010 19:00	117.42	1.64939	0.336	17.35	0.364	13.37	43.5236	104.8630054	104.916589	1.174229	104.886785	
2010	59	2000	59.833333333		02/28/2010 20:00	117.31	1.64784	0.336	17.33	0.364	13.31	43.5270	104.8619576	104.915541	1.173129	104.885685	
2010	59	2100	59.875000000		02/28/2010 21:00	117.14	1.64546	0.336	17.33	0.364	13.26	43.5324	104.8603384	104.913922	1.171429	104.883984	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	59	2200	59.916666667		02/28/2010 22:00	117.03	1.64391	0.336	17.31	0.364	13.21	43.5358	104.8592906	104.912874	1.170329	104.882884	
2010	59	2300	59.958333333		02/28/2010 23:00	116.93	1.64251	0.336	17.32	0.364	13.16	43.5389	104.8583381	104.911921	1.169329	104.881884	
2010	59	2400	60.000000000		03/01/2010 0:00	116.71	1.63942	0.336	17.33	0.364	13.11	43.5458	104.8562426	104.909826	1.167129	104.879684	
2010	60	100	60.041666667		03/01/2010 1:00	116.59	1.63773	0.336	17.32	0.364	13.07	43.5495	104.8550996	104.908683	1.165929	104.878484	
2010	60	200	60.083333333		03/01/2010 2:00	116.51	1.63661	0.336	17.33	0.364	13.03	43.5520	104.8543376	104.907921	1.165129	104.877684	
2010	60	300	60.125000000		03/01/2010 3:00	116.46	1.63590	0.336	17.32	0.364	12.99	43.5536	104.8538613	104.907445	1.164629	104.877184	
2010	60	400	60.166666667		03/01/2010 4:00	116.37	1.63464	0.336	17.34	0.364	12.94	43.5564	104.8530041	104.906587	1.163729	104.876284	
2010	60	500	60.208333333		03/01/2010 5:00	116.32	1.63394	0.336	17.33	0.364	12.9	43.5580	104.8525278	104.906111	1.163229	104.875784	
2010	60	600	60.250000000		03/01/2010 6:00	116.31	1.63380	0.336	17.32	0.364	12.88	43.5583	104.8524326	104.906016	1.163129	104.875684	
2010	60	700	60.291666667		03/01/2010 7:00	116.3	1.63366	0.336	17.33	0.364	14.07	43.5586	104.8523373	104.905921	1.163029	104.875584	
2010	60	800	60.333333333		03/01/2010 8:00	116.34	1.63422	0.336	17.31	0.364	14.06	43.5574	104.8527183	104.906302	1.163429	104.875984	
2010	60	900	60.375000000		03/01/2010 9:00	116.35	1.63436	0.336	17.35	0.364	13.99	43.5570	104.8528136	104.906397	1.163529	104.876084	
2010	60	1000	60.416666667		03/01/2010 10:00	116.44	1.63562	0.336	17.36	0.364	13.89	43.5542	104.8536708	104.907254	1.164429	104.876984	
2010	60	1100	60.458333333		03/01/2010 11:00	116.54	1.63703	0.336	17.34	0.364	13.83	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	60	1200	60.500000000		03/01/2010 12:00	116.5	1.63647	0.336	17.31	0.364	13.8	43.5524	104.8542423	104.907826	1.165029	104.877584	
2010	60	1300	60.541666667		03/01/2010 13:00	116.57	1.63745	0.336	17.33	0.364	13.75	43.5502	104.8549091	104.908492	1.165729	104.878284	
2010	60	1400	60.583333333		03/01/2010 14:00	116.54	1.63703	0.336	17.34	0.364	13.72	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	60	1500	60.625000000		03/01/2010 15:00	116.59	1.63773	0.336	17.34	0.364	13.7	43.5495	104.8550996	104.908683	1.165929	104.878484	
2010	60	1600	60.666666667		03/01/2010 16:00	116.61	1.63801	0.336	17.33	0.364	13.71	43.5489	104.8552901	104.908873	1.166129	104.878684	
2010	60	1700	60.708333333		03/01/2010 17:00	116.64	1.63843	0.336	17.32	0.364	13.67	43.5480	104.8555758	104.909159	1.166429	104.878984	
2010	60	1800	60.750000000		03/01/2010 18:00	116.67	1.63885	0.336	17.33	0.364	13.53	43.5470	104.8558616	104.909445	1.166729	104.879284	
2010	60	1900	60.791666667		03/01/2010 19:00	116.67	1.63885	0.336	17.35	0.364	13.43	43.5470	104.8558616	104.909445	1.166729	104.879284	
2010	60	2000	60.833333333		03/01/2010 20:00	116.69	1.63913	0.336	17.33	0.364	13.36	43.5464	104.8560521	104.909635	1.166929	104.879484	
2010	60	2100	60.875000000		03/01/2010 21:00	116.71	1.63942	0.336	17.33	0.364	13.31	43.5458	104.8562426	104.909826	1.167129	104.879684	
2010	60	2200	60.916666667		03/01/2010 22:00	116.64	1.63843	0.336	17.35	0.364	13.26	43.5480	104.8555758	104.909159	1.166429	104.878984	
2010	60	2300	60.958333333		03/01/2010 23:00	116.53	1.63689	0.336	17.33	0.364	13.19	43.5514	104.8545281	104.908111	1.165329	104.877884	
2010	60	2400	61.000000000		03/02/2010 0:00	116.49	1.63633	0.336	17.37	0.364	13.15	43.5527	104.8541471	104.907730	1.164929	104.877484	
2010	61	100	61.041666667		03/02/2010 1:00	116.41	1.63520	0.336	17.32	0.364	13.11	43.5552	104.8533851	104.906968	1.164129	104.876684	
2010	61	200	61.083333333		03/02/2010 2:00	116.34	1.63422	0.336	17.31	0.364	13.07	43.5574	104.8527183	104.906302	1.163429	104.875984	
2010	61	300	61.125000000		03/02/2010 3:00	116.36	1.63450	0.336	17.34	0.364	13.02	43.5567	104.8529088	104.906492	1.163629	104.876184	
2010	61	400	61.166666667		03/02/2010 4:00	116.47	1.63604	0.336	17.33	0.364	12.98	43.5533	104.8539566	104.907540	1.164729	104.877284	
2010	61	500	61.208333333		03/02/2010 5:00	116.47	1.63604	0.336	17.33	0.364	12.94	43.5533	104.8539566	104.907540	1.164729	104.877284	
2010	61	600	61.250000000		03/02/2010 6:00	116.74	1.63984	0.336	17.32	0.364	12.9	43.5449	104.8565283	104.910112	1.167429	104.879984	
2010	61	700	61.291666667		03/02/2010 7:00	116.46	1.63590	0.336	17.33	0.364	12.87	43.5536	104.8538613	104.907445	1.164629	104.877184	
2010	61	800	61.333333333		03/02/2010 8:00	116.97	1.64307	0.336	17.33	0.364	13.44	43.5377	104.8587191	104.912302	1.169729	104.882284	
2010	61	900	61.375000000		03/02/2010 9:00	117.09	1.64475	0.336	17.32	0.364	13.97	43.5339	104.8598621	104.913445	1.170929	104.883484	
2010	61	1000	61.416666667		03/02/2010 10:00	117.22	1.64658	0.336	17.33	0.364	13.87	43.5299	104.8611004	104.914684	1.172229	104.884784	
2010	61	1100	61.458333333		03/02/2010 11:00	117.26	1.64714	0.336	17.35	0.364	13.84	43.5286	104.8614814	104.915065	1.172629	104.885184	
2010	61	1200	61.500000000		03/02/2010 12:00	117.21	1.64644	0.336	17.34	0.364	13.76	43.5302	104.8610051	104.914588	1.172129	104.884684	
2010	61	1300	61.541666667		03/02/2010 13:00	117.2	1.64630	0.336	17.34	0.364	13.67	43.5305	104.8609099	104.914493	1.172029	104.884584	
2010	61	1400	61.583333333		03/02/2010 14:00	117.12	1.64517	0.336	17.33	0.364	13.61	43.5330	104.8601479	104.913731	1.171229	104.883784	
2010	61	1500	61.625000000		03/02/2010 15:00	117.02	1.64377	0.336	17.35	0.364	13.56	43.5361	104.8591954	104.912779	1.170229	104.882784	
2010	61	1600	61.666666667		03/02/2010 16:00	116.88	1.64180	0.336	17.35	0.364	13.62	43.5405	104.8578619	104.911445	1.168829	104.881384	
2010	61	1700	61.708333333		03/02/2010 17:00	116.77	1.64026	0.336	17.33	0.364	13.56	43.5439	104.8568141	104.910397	1.167729	104.880284	
2010	61	1800	61.750000000		03/02/2010 18:00	116.62	1.63815	0.336	17.34	0.364	13.43	43.5486	104.8553853	104.908969	1.166229	104.878784	
2010	61	1900	61.791666667		03/02/2010 19:00	116.57	1.63745	0.336	17.33	0.364	13.34	43.5502	104.8549091	104.908492	1.165729	104.878284	
2010	61	2000	61.833333333		03/02/2010 20:00	116.41	1.63520	0.336	17.34	0.364	13.28	43.5552	104.8533851	104.906968	1.164129	104.876684	
2010	61	2100	61.875000000		03/02/2010 21:00	116.3	1.63366	0.336	17.34	0.364	13.22	43.5586	104.8523373	104.905921	1.163029	104.875584	
2010	61	2200	61.916666667		03/02/2010 22:00	116.12	1.63113	0.336	17.35	0.364	13.17	43.5642	104.8506228	104.904206	1.161229	104.873784	
2010	61	2300	61.958333333		03/02/2010 23:00	116.01	1.62958	0.336	17.36	0.364	13.12	43.5677	104.8495751	104.903158	1.160129	104.872684	
2010	61	2400	62.000000000		03/03/2010 0:00	116.06	1.63029	0.336	17.33	0.364	13.07	43.5661	104.8500513	104.903635	1.160629	104.873184	
2010	62	100	62.041666667		03/03/2010 1:00	116.02	1.62972	0.336	17.33	0.364	13.03	43.5674	104.8496703	104.903254	1.160229	104.872784	
2010	62	200	62.083333333		03/03/2010 2:00	116.2	1.63225	0.336	17.34	0.364	12.99	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	62	300	62.125000000		03/03/2010 3:00	116.29	1.63352	0.336	17.33	0.364	12.95	43.5589	104.8522421	104.905825	1.162929	104.875484	
2010	62	400	62.166666667		03/03/2010 4:00	116.45	1.63576	0.336	17.34	0.364	12.92	43.5539	104.8537661	104.907349	1.164529	104.877084	
2010	62	500	62.208333333		03/03/2010 5:00	116.58	1.63759	0.336	17.34	0.364	12.88	43.5499	104.8550043	104.908588	1.165829	104.878384	
2010	62	600	62.250000000		03/03/2010 6:00	116.75	1.63998	0.336	17.33	0.364	12.86	43.5445	104.8566236	104.910207	1.167529	104.880084	
2010	62	700	62.291666667		03/03/2010 7:00	116.9	1.64208	0.336	17.33	0.364	12.84	43.5399	104.8580524	104.911636	1.169029	104.881584	
2010	62	800	62.333333333		03/03/2010 8:00	116.95	1.64279	0.336	17.33	0.364	13.88	43.5383	104.8585286	104.912112	1.169529	104.882084	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	62	900	62.375000000		03/03/2010 9:00	117.07	1.64447	0.336	17.31	0.364	13.88	43.5345	104.8596716	104.913255	1.170729	104.883284	
2010	62	1000	62.416666667		03/03/2010 10:00	117.09	1.64475	0.336	17.34	0.364	13.81	43.5339	104.8598621	104.913445	1.170929	104.883484	
2010	62	1100	62.458333333		03/03/2010 11:00	117.11	1.64503	0.336	17.34	0.364	13.75	43.5333	104.8600526	104.913636	1.171129	104.883684	
2010	62	1200	62.500000000		03/03/2010 12:00	116.96	1.64293	0.336	17.34	0.364	13.69	43.5380	104.8586239	104.912207	1.169629	104.882184	
2010	62	1300	62.541666667		03/03/2010 13:00	116.92	1.64237	0.336	17.35	0.364	13.64	43.5392	104.8582429	104.911826	1.169229	104.881784	
2010	62	1400	62.583333333		03/03/2010 14:00	116.75	1.63998	0.336	17.33	0.364	13.6	43.5445	104.8566236	104.910207	1.167529	104.880084	
2010	62	1500	62.625000000		03/03/2010 15:00	116.71	1.63942	0.336	17.35	0.364	13.63	43.5458	104.8562426	104.909826	1.167129	104.879684	
2010	62	1600	62.666666667		03/03/2010 16:00	116.54	1.63703	0.336	17.35	0.364	13.66	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	62	1700	62.708333333		03/03/2010 17:00	116.38	1.63478	0.336	17.34	0.364	13.64	43.5561	104.8530993	104.906683	1.163829	104.876384	
2010	62	1800	62.750000000		03/03/2010 18:00	116.22	1.63253	0.336	17.35	0.364	13.49	43.5611	104.8515753	104.905159	1.162229	104.874784	
2010	62	1900	62.791666667		03/03/2010 19:00	116.1	1.63085	0.336	17.34	0.364	13.4	43.5649	104.8504323	104.904016	1.161029	104.873584	
2010	62	2000	62.833333333		03/03/2010 20:00	115.98	1.62916	0.336	17.34	0.364	13.34	43.5686	104.8492893	104.902873	1.159829	104.872384	
2010	62	2100	62.875000000		03/03/2010 21:00	115.92	1.62832	0.336	17.35	0.364	13.28	43.5705	104.8487178	104.902301	1.159229	104.871784	
2010	62	2200	62.916666667		03/03/2010 22:00	115.83	1.62705	0.336	17.33	0.364	13.22	43.5733	104.8478605	104.901444	1.158329	104.870884	
2010	62	2300	62.958333333		03/03/2010 23:00	115.76	1.62607	0.336	17.31	0.364	13.17	43.5755	104.8471938	104.900777	1.157629	104.870184	
2010	62	2400	63.000000000		03/04/2010 0:00	115.69	1.62509	0.336	17.35	0.364	13.13	43.5777	104.846527	104.900110	1.156929	104.869484	
2010	63	100	63.041666667		03/04/2010 1:00	115.62	1.62410	0.336	17.32	0.364	13.09	43.5799	104.8458603	104.899444	1.156229	104.868784	
2010	63	200	63.083333333		03/04/2010 2:00	115.66	1.62467	0.336	17.31	0.364	13.04	43.5786	104.8462413	104.899825	1.156629	104.869184	
2010	63	300	63.125000000		03/04/2010 3:00	115.73	1.62565	0.336	17.34	0.364	13	43.5764	104.846908	104.900491	1.157329	104.869884	
2010	63	400	63.166666667		03/04/2010 4:00	115.91	1.62818	0.336	17.34	0.364	12.96	43.5708	104.8486226	104.902206	1.159129	104.871684	
2010	63	500	63.208333333		03/04/2010 5:00	116.1	1.63085	0.336	17.33	0.364	12.92	43.5649	104.8504323	104.904016	1.161029	104.873584	
2010	63	600	63.250000000		03/04/2010 6:00	116.37	1.63464	0.336	17.33	0.364	12.89	43.5564	104.8530041	104.906587	1.163729	104.876284	
2010	63	700	63.291666667		03/04/2010 7:00	116.56	1.63731	0.336	17.35	0.364	14.06	43.5505	104.8548138	104.908397	1.165629	104.878184	
2010	63	800	63.333333333		03/04/2010 8:00	116.89	1.64194	0.336	17.32	0.364	14.05	43.5402	104.8579571	104.911540	1.168929	104.881484	
2010	63	900	63.375000000		03/04/2010 9:00	117.13	1.64532	0.336	17.35	0.364	13.95	43.5327	104.8602431	104.913826	1.171329	104.883884	
2010	63	1000	63.416666667		03/04/2010 10:00	117.36	1.64855	0.336	17.34	0.364	13.86	43.5255	104.8624339	104.916017	1.173629	104.886185	
2010	63	1100	63.458333333		03/04/2010 11:00	117.54	1.65107	0.336	17.34	0.364	13.79	43.5199	104.8641484	104.917732	1.175429	104.887985	
2010	63	1200	63.500000000		03/04/2010 12:00	117.71	1.65346	0.336	17.34	0.364	13.74	43.5145	104.8657676	104.919351	1.177129	104.889685	
2010	63	1300	63.541666667		03/04/2010 13:00	117.75	1.65402	0.336	17.34	0.364	13.71	43.5133	104.8661487	104.919732	1.177529	104.890085	
2010	63	1400	63.583333333		03/04/2010 14:00	117.86	1.65557	0.336	17.35	0.364	13.66	43.5099	104.8671964	104.920780	1.178629	104.891185	
2010	63	1500	63.625000000		03/04/2010 15:00	117.93	1.65655	0.336	17.34	0.364	13.67	43.5077	104.8678632	104.921446	1.179329	104.891885	
2010	63	1600	63.666666667		03/04/2010 16:00	118.02	1.65782	0.336	17.35	0.364	13.67	43.5049	104.8687204	104.922304	1.180229	104.892785	
2010	63	1700	63.708333333		03/04/2010 17:00	118.06	1.65838	0.336	17.34	0.364	13.59	43.5036	104.8691014	104.922685	1.180629	104.893185	
2010	63	1800	63.750000000		03/04/2010 18:00	118.16	1.65978	0.336	17.33	0.364	13.47	43.5005	104.8700539	104.923637	1.181629	104.894185	
2010	63	1900	63.791666667		03/04/2010 19:00	118.27	1.66133	0.336	17.37	0.364	13.39	43.4970	104.8711017	104.924685	1.182729	104.895285	
2010	63	2000	63.833333333		03/04/2010 20:00	118.39	1.66301	0.336	17.33	0.364	13.32	43.4933	104.8722447	104.925828	1.183929	104.896485	
2010	63	2100	63.875000000		03/04/2010 21:00	118.5	1.66456	0.336	17.32	0.364	13.26	43.4899	104.8732924	104.926876	1.185029	104.897585	
2010	63	2200	63.916666667		03/04/2010 22:00	118.58	1.66568	0.336	17.32	0.364	13.22	43.4874	104.8740544	104.927638	1.185829	104.898385	
2010	63	2300	63.958333333		03/04/2010 23:00	118.69	1.66723	0.336	17.36	0.364	13.17	43.4839	104.8751022	104.928685	1.186929	104.899485	
2010	63	2400	64.000000000		03/05/2010 0:00	118.77	1.66835	0.336	17.34	0.364	13.13	43.4814	104.8758642	104.929447	1.187729	104.900285	
2010	64	100	64.041666667		03/05/2010 1:00	118.88	1.66990	0.336	17.34	0.364	13.08	43.4780	104.876912	104.930495	1.188829	104.901385	
2010	64	200	64.083333333		03/05/2010 2:00	119.01	1.67172	0.336	17.36	0.364	13.03	43.4739	104.8781502	104.931733	1.190129	104.902685	
2010	64	300	64.125000000		03/05/2010 3:00	119.19	1.67425	0.336	17.32	0.364	12.99	43.4683	104.8798647	104.933448	1.191929	104.904485	
2010	64	400	64.166666667		03/05/2010 4:00	119.36	1.67664	0.336	17.33	0.364	12.95	43.4630	104.881484	104.935067	1.193629	104.906185	
2010	64	500	64.208333333		03/05/2010 5:00	119.58	1.67973	0.336	17.34	0.364	12.92	43.4561	104.8835795	104.937163	1.195829	104.908385	
2010	64	600	64.250000000		03/05/2010 6:00	119.89	1.68408	0.336	17.33	0.364	12.88	43.4464	104.8865323	104.940116	1.198930	104.911485	
2010	64	700	64.291666667		03/05/2010 7:00	120.16	1.68788	0.336	17.32	0.364	14.12	43.4380	104.889104	104.942687	1.201630	104.914185	
2010	64	800	64.333333333		03/05/2010 8:00	120.41	1.69139	0.336	17.33	0.364	14.11	43.4302	104.8914853	104.945069	1.204130	104.916685	
2010	64	900	64.375000000		03/05/2010 9:00	120.75	1.69617	0.336	17.33	0.364	14.05	43.4195	104.8947238	104.948307	1.207530	104.920085	
2010	64	1000	64.416666667		03/05/2010 10:00	121.03	1.70010	0.336	17.37	0.364	13.94	43.4108	104.8973908	104.950974	1.210330	104.922885	
2010	64	1100	64.458333333		03/05/2010 11:00	121.23	1.70291	0.336	17.35	0.364	13.86	43.4045	104.8992958	104.952879	1.212330	104.924885	
2010	64	1200	64.500000000		03/05/2010 12:00	121.46	1.70614	0.336	17.35	0.364	13.81	43.3974	104.9014866	104.955070	1.214630	104.927186	
2010	64	1300	64.541666667		03/05/2010 13:00	121.62	1.70839	0.336	17.36	0.364	13.76	43.3924	104.9030106	104.956594	1.216230	104.928786	
2010	64	1400	64.583333333		03/05/2010 14:00	121.71	1.70965	0.336	17.35	0.364	13.73	43.3895	104.9038679	104.957451	1.217130	104.929686	
2010	64	1500	64.625000000		03/05/2010 15:00	121.82	1.71120	0.336	17.33	0.364	13.71	43.3861	104.9049156	104.958499	1.218230	104.930786	
2010	64	1600	64.666666667		03/05/2010 16:00	121.9	1.71232	0.336	17.35	0.364	13.7	43.3836	104.9056776	104.959261	1.219030	104.931586	
2010	64	1700	64.708333333		03/05/2010 17:00	121.97	1.71330	0.336	17.34	0.363	13.76	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	64	1800	64.750000000		03/05/2010 18:00	121.98	1.71344	0.336	17.36	0.364	13.56	43.3811	104.9064396	104.960023	1.219830	104.932386	
2010	64	1900	64.791666667		03/05/2010 19:00	122.01	1.71386	0.336	17.34	0.364	13.47	43.3802	104.9067254	104.960309	1.220130	104.932686	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	64	2000	64.833333333		03/05/2010 20:00	122.07	1.71471	0.336	17.37	0.364	13.4	43.3783	104.9072969	104.960880	1.220730	104.933286	
2010	64	2100	64.875000000		03/05/2010 21:00	122.07	1.71471	0.336	17.36	0.364	13.34	43.3783	104.9072969	104.960880	1.220730	104.933286	
2010	64	2200	64.916666667		03/05/2010 22:00	122.08	1.71485	0.336	17.36	0.364	13.28	43.3780	104.9073921	104.960975	1.220830	104.933386	
2010	64	2300	64.958333333		03/05/2010 23:00	122.03	1.71415	0.336	17.34	0.364	13.24	43.3795	104.9069159	104.960499	1.220330	104.932886	
2010	64	2400	65.000000000		03/06/2010 0:00	122.04	1.71429	0.336	17.33	0.364	13.19	43.3792	104.9070111	104.960594	1.220430	104.932986	
2010	65	100	65.041666667		03/06/2010 1:00	121.97	1.71330	0.336	17.33	0.364	13.15	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	65	200	65.083333333		03/06/2010 2:00	121.96	1.71316	0.336	17.33	0.364	13.1	43.3817	104.9062491	104.959832	1.219630	104.932186	
2010	65	300	65.125000000		03/06/2010 3:00	121.95	1.71302	0.336	17.33	0.364	13.05	43.3820	104.9061539	104.959737	1.219530	104.932086	
2010	65	400	65.166666667		03/06/2010 4:00	121.96	1.71316	0.336	17.34	0.364	13.01	43.3817	104.9062491	104.959832	1.219630	104.932186	
2010	65	500	65.208333333		03/06/2010 5:00	121.97	1.71330	0.336	17.33	0.364	12.97	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	65	600	65.250000000		03/06/2010 6:00	122.02	1.71400	0.336	17.33	0.363	12.93	43.3799	104.9068206	104.960404	1.220230	104.932786	
2010	65	700	65.291666667		03/06/2010 7:00	121.97	1.71330	0.336	17.33	0.364	14.14	43.3814	104.9063444	104.959928	1.219730	104.932286	
2010	65	800	65.333333333		03/06/2010 8:00	121.99	1.71358	0.336	17.34	0.364	14.11	43.3808	104.9065349	104.960118	1.219930	104.932486	
2010	65	900	65.375000000		03/06/2010 9:00	122.03	1.71415	0.336	17.34	0.364	14.02	43.3795	104.9069159	104.960499	1.220330	104.932886	
2010	65	1000	65.416666667		03/06/2010 10:00	122	1.71372	0.336	17.34	0.364	13.92	43.3805	104.9066301	104.960213	1.220030	104.932586	
2010	65	1100	65.458333333		03/06/2010 11:00	121.93	1.71274	0.336	17.34	0.363	13.86	43.3827	104.9059634	104.959547	1.219330	104.931886	
2010	65	1200	65.500000000		03/06/2010 12:00	121.85	1.71162	0.336	17.35	0.364	13.79	43.3852	104.9052014	104.958785	1.218530	104.931086	
2010	65	1300	65.541666667		03/06/2010 13:00	121.79	1.71077	0.336	17.33	0.364	13.74	43.3870	104.9046299	104.958213	1.217930	104.930486	
2010	65	1400	65.583333333		03/06/2010 14:00	121.61	1.70825	0.336	17.34	0.364	13.69	43.3927	104.9029154	104.956499	1.216130	104.928686	
2010	65	1500	65.625000000		03/06/2010 15:00	121.51	1.70684	0.336	17.34	0.364	13.66	43.3958	104.9019629	104.955546	1.215130	104.927686	
2010	65	1600	65.666666667		03/06/2010 16:00	121.33	1.70431	0.336	17.35	0.364	13.66	43.4014	104.9002483	104.953832	1.213330	104.925885	
2010	65	1700	65.708333333		03/06/2010 17:00	121.24	1.70305	0.336	17.35	0.363	13.65	43.4042	104.8993911	104.952974	1.212430	104.924985	
2010	65	1800	65.750000000		03/06/2010 18:00	121.12	1.70136	0.336	17.33	0.363	13.5	43.4080	104.8982481	104.951831	1.211230	104.923785	
2010	65	1900	65.791666667		03/06/2010 19:00	121.04	1.70024	0.336	17.35	0.364	13.41	43.4105	104.8974861	104.951069	1.210430	104.922985	
2010	65	2000	65.833333333		03/06/2010 20:00	121.02	1.69996	0.336	17.34	0.364	13.34	43.4111	104.8972956	104.950879	1.210230	104.922785	
2010	65	2100	65.875000000		03/06/2010 21:00	121.06	1.70052	0.336	17.36	0.364	13.28	43.4099	104.8976766	104.951260	1.210630	104.923185	
2010	65	2200	65.916666667		03/06/2010 22:00	121.03	1.70010	0.336	17.32	0.364	13.24	43.4108	104.8973908	104.950974	1.210330	104.922885	
2010	65	2300	65.958333333		03/06/2010 23:00	121.09	1.70094	0.336	17.32	0.364	13.19	43.4089	104.8979623	104.951546	1.210930	104.923485	
2010	65	2400	66.000000000		03/07/2010 0:00	121.08	1.70080	0.336	17.32	0.364	13.14	43.4092	104.8978671	104.951450	1.210830	104.923385	
2010	66	100	66.041666667		03/07/2010 1:00	121.14	1.70164	0.336	17.34	0.364	13.1	43.4074	104.8984386	104.952022	1.211430	104.923985	
2010	66	200	66.083333333		03/07/2010 2:00	121.07	1.70066	0.336	17.34	0.364	13.05	43.4095	104.8977718	104.951355	1.210730	104.923285	
2010	66	300	66.125000000		03/07/2010 3:00	121.06	1.70052	0.336	17.34	0.364	13.01	43.4099	104.8976766	104.951260	1.210630	104.923185	
2010	66	400	66.166666667		03/07/2010 4:00	121	1.69968	0.336	17.33	0.364	12.96	43.4117	104.8971051	104.950688	1.210030	104.922585	
2010	66	500	66.208333333		03/07/2010 5:00	121	1.69968	0.336	17.33	0.364	12.92	43.4117	104.8971051	104.950688	1.210030	104.922585	
2010	66	600	66.250000000		03/07/2010 6:00	120.94	1.69883	0.336	17.34	0.364	12.89	43.4136	104.8965336	104.950117	1.209430	104.921985	
2010	66	700	66.291666667		03/07/2010 7:00	120.84	1.69743	0.336	17.35	0.364	14.14	43.4167	104.8955811	104.949164	1.208430	104.920985	
2010	66	800	66.333333333		03/07/2010 8:00	120.72	1.69574	0.336	17.36	0.364	14.1	43.4205	104.8944381	104.948021	1.207230	104.919785	
2010	66	900	66.375000000		03/07/2010 9:00	120.62	1.69434	0.336	17.33	0.364	14.03	43.4236	104.8934856	104.947069	1.206230	104.918785	
2010	66	1000	66.416666667		03/07/2010 10:00	120.58	1.69378	0.336	17.34	0.364	13.91	43.4249	104.8931046	104.946688	1.205830	104.918385	
2010	66	1100	66.458333333		03/07/2010 11:00	120.52	1.69293	0.336	17.35	0.364	13.82	43.4267	104.8925331	104.946116	1.205230	104.917785	
2010	66	1200	66.500000000		03/07/2010 12:00	120.34	1.69041	0.336	17.33	0.364	13.77	43.4324	104.8908185	104.944402	1.203430	104.915985	
2010	66	1300	66.541666667		03/07/2010 13:00	120.14	1.68760	0.336	17.35	0.364	13.71	43.4386	104.8889135	104.942497	1.201430	104.913985	
2010	66	1400	66.583333333		03/07/2010 14:00	120.03	1.68605	0.336	17.34	0.364	13.66	43.4420	104.8878658	104.941449	1.200330	104.912885	
2010	66	1500	66.625000000		03/07/2010 15:00	119.85	1.68352	0.336	17.33	0.364	13.64	43.4477	104.8861513	104.939735	1.198530	104.911085	
2010	66	1600	66.666666667		03/07/2010 16:00	119.73	1.68184	0.336	17.35	0.364	13.64	43.4514	104.8850083	104.938592	1.197330	104.909885	
2010	66	1700	66.708333333		03/07/2010 17:00	119.48	1.67833	0.336	17.35	0.364	13.67	43.4592	104.882627	104.936210	1.194829	104.907385	
2010	66	1800	66.750000000		03/07/2010 18:00	119.3	1.67580	0.336	17.35	0.364	13.5	43.4649	104.8809125	104.934496	1.193029	104.905585	
2010	66	1900	66.791666667		03/07/2010 19:00	119.16	1.67383	0.336	17.35	0.364	13.41	43.4692	104.879579	104.933162	1.191629	104.904185	
2010	66	2000	66.833333333		03/07/2010 20:00	118.96	1.67102	0.336	17.34	0.364	13.35	43.4755	104.877674	104.931257	1.189629	104.902185	
2010	66	2100	66.875000000		03/07/2010 21:00	118.86	1.66962	0.336	17.35	0.364	13.28	43.4786	104.8767215	104.930305	1.188629	104.901185	
2010	66	2200	66.916666667		03/07/2010 22:00	118.64	1.66653	0.336	17.34	0.363	13.23	43.4855	104.8746259	104.928209	1.186429	104.898985	
2010	66	2300	66.958333333		03/07/2010 23:00	118.41	1.66330	0.336	17.36	0.363	13.18	43.4927	104.8724352	104.926018	1.184129	104.896685	
2010	66	2400	67.000000000		03/08/2010 0:00	118.24	1.66091	0.336	17.32	0.364	13.13	43.4980	104.8708159	104.924399	1.182429	104.894985	
2010	67	100	67.041666667		03/08/2010 1:00	118.01	1.65768	0.336	17.36	0.364	13.09	43.5052	104.8686252	104.922208	1.180129	104.892685	
2010	67	200	67.083333333		03/08/2010 2:00	117.79	1.65459	0.336	17.32	0.364	13.05	43.5120	104.8665297	104.920113	1.177929	104.890485	
2010	67	300	67.125000000		03/08/2010 3:00	117.66	1.65276	0.336	17.32	0.364	13.01	43.5161	104.8652914	104.918875	1.176629	104.889185	
2010	67	400	67.166666667		03/08/2010 4:00	117.44	1.64967	0.336	17.36	0.364	12.97	43.5230	104.8631959	104.916779	1.174429	104.886985	
2010	67	500	67.208333333		03/08/2010 5:00	117.24	1.64686	0.336	17.33	0.364	12.92	43.5292	104.8612909	104.914874	1.172429	104.884984	
2010	67	600	67.250000000		03/08/2010 6:00	117.09	1.64475	0.336	17.34	0.364	12.89	43.5339	104.8598621	104.913445	1.170929	104.883484	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	67	700	67.291666667		03/08/2010 7:00	116.89	1.64194	0.336	17.33	0.364	12.86	43.5402	104.8579571	104.911540	1.168929	104.881484	
2010	67	800	67.333333333		03/08/2010 8:00	116.75	1.63998	0.336	17.37	0.364	12.88	43.5445	104.8566236	104.910207	1.167529	104.880084	
2010	67	900	67.375000000		03/08/2010 9:00	116.54	1.63703	0.336	17.33	0.364	13.94	43.5511	104.8546233	104.908207	1.165429	104.877984	
2010	67	1000	67.416666667		03/08/2010 10:00	116.39	1.63492	0.336	17.33	0.364	13.89	43.5558	104.8531946	104.906778	1.163929	104.876484	
2010	67	1100	67.458333333		03/08/2010 11:00	116.2	1.63225	0.336	17.35	0.364	13.84	43.5617	104.8513848	104.904968	1.162029	104.874584	
2010	67	1200	67.500000000		03/08/2010 12:00	116.07	1.63043	0.336	17.35	0.364	13.8	43.5658	104.8501466	104.903730	1.160729	104.873284	
2010	67	1300	67.541666667		03/08/2010 13:00	115.93	1.62846	0.336	17.35	0.364	13.77	43.5702	104.8488131	104.902396	1.159329	104.871884	
2010	67	1400	67.583333333		03/08/2010 14:00	115.8	1.62663	0.336	17.36	0.364	13.74	43.5742	104.8475748	104.901158	1.158029	104.870584	
2010	67	1500	67.625000000		03/08/2010 15:00	115.56	1.62326	0.336	17.35	0.364	13.74	43.5817	104.8452888	104.898872	1.155629	104.868184	
2010	67	1600	67.666666667		03/08/2010 16:00	115.29	1.61947	0.336	17.34	0.364	13.77	43.5902	104.842717	104.896300	1.152928	104.865484	
2010	67	1700	67.708333333		03/08/2010 17:00	115.17	1.61778	0.336	17.36	0.363	13.67	43.5939	104.841574	104.895157	1.151728	104.864284	
2010	67	1800	67.750000000		03/08/2010 18:00	114.94	1.61455	0.336	17.36	0.364	13.55	43.6011	104.8393833	104.892967	1.149428	104.861984	
2010	67	1900	67.791666667		03/08/2010 19:00	114.72	1.61146	0.336	17.34	0.364	13.46	43.6080	104.8372877	104.890871	1.147228	104.859784	
2010	67	2000	67.833333333		03/08/2010 20:00	114.5	1.60837	0.336	17.32	0.364	13.4	43.6149	104.8351922	104.888775	1.145028	104.857584	
2010	67	2100	67.875000000		03/08/2010 21:00	114.31	1.60570	0.336	17.34	0.364	13.34	43.6208	104.8333825	104.886966	1.143128	104.855684	
2010	67	2200	67.916666667		03/08/2010 22:00	114.2	1.60416	0.336	17.36	0.364	13.29	43.6242	104.8323347	104.885918	1.142028	104.854584	
2010	67	2300	67.958333333		03/08/2010 23:00	114	1.60135	0.336	17.34	0.364	13.24	43.6305	104.8304297	104.884013	1.140028	104.852584	
2010	67	2400	68.000000000		03/09/2010 0:00	113.83	1.59896	0.336	17.33	0.364	13.19	43.6358	104.8288104	104.882394	1.138328	104.850884	
2010	68	100	68.041666667		03/09/2010 1:00	113.62	1.59601	0.336	17.34	0.364	13.14	43.6424	104.8268102	104.880393	1.136228	104.848784	
2010	68	200	68.083333333		03/09/2010 2:00	113.42	1.59320	0.336	17.34	0.364	13.1	43.6486	104.8249052	104.878488	1.134228	104.846784	
2010	68	300	68.125000000		03/09/2010 3:00	113.27	1.59109	0.336	17.34	0.364	13.06	43.6533	104.8234764	104.877060	1.132728	104.845284	
2010	68	400	68.166666667		03/09/2010 4:00	113.08	1.58843	0.336	17.35	0.364	13.01	43.6592	104.8216667	104.875250	1.130828	104.843383	
2010	68	500	68.208333333		03/09/2010 5:00	112.91	1.58604	0.336	17.34	0.363	12.96	43.6645	104.8200474	104.873631	1.129128	104.841683	
2010	68	600	68.250000000		03/09/2010 6:00	112.78	1.58421	0.336	17.35	0.363	12.92	43.6686	104.8188091	104.872392	1.127828	104.840383	
2010	68	700	68.291666667		03/09/2010 7:00	112.6	1.58168	0.336	17.34	0.364	14.19	43.6742	104.8170946	104.870678	1.126028	104.838583	
2010	68	800	68.333333333		03/09/2010 8:00	112.46	1.57972	0.336	17.35	0.364	14.14	43.6786	104.8157611	104.869344	1.124628	104.837183	
2010	68	900	68.375000000		03/09/2010 9:00	112.28	1.57719	0.336	17.33	0.364	14.05	43.6842	104.8140466	104.867630	1.122828	104.835383	
2010	68	1000	68.416666667		03/09/2010 10:00	112.16	1.57550	0.336	17.35	0.364	13.98	43.6880	104.8129036	104.866487	1.121628	104.834183	
2010	68	1100	68.458333333		03/09/2010 11:00	112.01	1.57340	0.336	17.34	0.364	13.92	43.6927	104.8114748	104.865058	1.120128	104.832683	
2010	68	1200	68.500000000		03/09/2010 12:00	111.89	1.57171	0.336	17.34	0.364	13.9	43.6964	104.8103318	104.863915	1.118928	104.831483	
2010	68	1300	68.541666667		03/09/2010 13:00	111.69	1.56890	0.336	17.37	0.364	13.87	43.7027	104.8084268	104.862010	1.116928	104.829483	
2010	68	1400	68.583333333		03/09/2010 14:00	111.43	1.56525	0.336	17.35	0.364	13.86	43.7108	104.8059503	104.859534	1.114327	104.826883	
2010	68	1500	68.625000000		03/09/2010 15:00	111.22	1.56230	0.336	17.36	0.364	13.88	43.7174	104.8039501	104.857533	1.112227	104.824783	
2010	68	1600	68.666666667		03/09/2010 16:00	111.02	1.55949	0.336	17.35	0.364	13.9	43.7236	104.802045	104.855628	1.110227	104.822783	
2010	68	1700	68.708333333		03/09/2010 17:00	110.81	1.55654	0.336	17.36	0.364	13.92	43.7302	104.8000448	104.853628	1.108127	104.820683	
2010	68	1800	68.750000000		03/09/2010 18:00	110.52	1.55247	0.336	17.33	0.364	13.71	43.7392	104.7972825	104.850866	1.105227	104.817783	
2010	68	1900	68.791666667		03/09/2010 19:00	110.29	1.54923	0.336	17.36	0.364	13.62	43.7464	104.7950918	104.848675	1.102927	104.815483	
2010	68	2000	68.833333333		03/09/2010 20:00	110.02	1.54544	0.336	17.35	0.364	13.55	43.7549	104.79252	104.846103	1.100227	104.812783	
2010	68	2100	68.875000000		03/09/2010 21:00	109.8	1.54235	0.336	17.35	0.364	13.48	43.7617	104.7904245	104.844008	1.098027	104.810583	
2010	68	2200	68.916666667		03/09/2010 22:00	109.5	1.53814	0.336	17.37	0.364	13.42	43.7711	104.787567	104.841150	1.095027	104.807583	
2010	68	2300	68.958333333		03/09/2010 23:00	109.29	1.53519	0.336	17.34	0.364	13.36	43.7777	104.7855667	104.839150	1.092927	104.805483	
2010	68	2400	69.000000000		03/10/2010 0:00	108.98	1.53083	0.336	17.33	0.364	13.32	43.7874	104.7826139	104.836197	1.089827	104.802382	
2010	69	100	69.041666667		03/10/2010 1:00	108.72	1.52718	0.336	17.34	0.364	13.27	43.7955	104.7801374	104.833721	1.087227	104.799782	
2010	69	200	69.083333333		03/10/2010 2:00	108.44	1.52325	0.336	17.35	0.364	13.22	43.8042	104.7774704	104.831054	1.084427	104.796982	
2010	69	300	69.125000000		03/10/2010 3:00	108.17	1.51945	0.336	17.34	0.364	13.17	43.8127	104.7748986	104.828482	1.081727	104.794282	
2010	69	400	69.166666667		03/10/2010 4:00	107.95	1.51636	0.336	17.34	0.364	13.13	43.8195	104.7728031	104.826386	1.079527	104.792082	
2010	69	500	69.208333333		03/10/2010 5:00	107.68	1.51257	0.336	17.34	0.364	13.08	43.8280	104.7702314	104.823815	1.076827	104.789382	
2010	69	600	69.250000000		03/10/2010 6:00	107.43	1.50906	0.336	17.35	0.364	13.05	43.8358	104.7678501	104.821433	1.074326	104.786882	
2010	69	700	69.291666667		03/10/2010 7:00	107.21	1.50597	0.336	17.34	0.364	14.1	43.8427	104.7657546	104.819338	1.072126	104.784682	
2010	69	800	69.333333333		03/10/2010 8:00	106.98	1.50274	0.336	17.34	0.363	14.09	43.8499	104.7635638	104.817147	1.069826	104.782382	
2010	69	900	69.375000000		03/10/2010 9:00	106.77	1.49979	0.336	17.34	0.364	14.03	43.8564	104.7615636	104.815147	1.067726	104.780282	
2010	69	1000	69.416666667		03/10/2010 10:00	106.54	1.49656	0.336	17.37	0.364	13.92	43.8636	104.7593728	104.812956	1.065426	104.777982	
2010	69	1100	69.458333333		03/10/2010 11:00	106.35	1.49389	0.336	17.36	0.363	13.86	43.8695	104.757563	104.811146	1.063526	104.776082	
2010	69	1200	69.500000000		03/10/2010 12:00	106.11	1.49052	0.336	17.35	0.364	13.85	43.8770	104.755277	104.808860	1.061126	104.773682	
2010	69	1300	69.541666667		03/10/2010 13:00	105.85	1.48687	0.336	17.37	0.364	13.82	43.8852	104.7528005	104.806384	1.058526	104.771082	
2010	69	1400	69.583333333		03/10/2010 14:00	105.68	1.48448	0.336	17.35	0.364	13.76	43.8905	104.7511813	104.804765	1.056826	104.769382	
2010	69	1500	69.625000000		03/10/2010 15:00	105.4	1.48055	0.336	17.36	0.364	13.76	43.8992	104.7485142	104.802098	1.054026	104.766582	
2010	69	1600	69.666666667		03/10/2010 16:00	105.18	1.47745	0.336	17.35	0.364	13.76	43.9061	104.7464187	104.800002	1.051826	104.764382	
2010	69	1700	69.708333333		03/10/2010 17:00	104.89	1.47338	0.336	17.35	0.364	13.73	43.9152	104.7436565	104.797240	1.048926	104.761481	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	69	1800	69.750000000		03/10/2010 18:00	104.68	1.47043	0.336	17.35	0.364	13.58	43.9217	104.7416562	104.795239	1.046826	104.759381	
2010	69	1900	69.791666667		03/10/2010 19:00	104.46	1.46734	0.336	17.33	0.364	13.49	43.9286	104.7395607	104.793144	1.044626	104.757181	
2010	69	2000	69.833333333		03/10/2010 20:00	104.32	1.46537	0.336	17.34	0.364	13.43	43.9330	104.7382272	104.791810	1.043226	104.755781	
2010	69	2100	69.875000000		03/10/2010 21:00	104.12	1.46256	0.336	17.33	0.364	13.38	43.9392	104.7363222	104.789905	1.041226	104.753781	
2010	69	2200	69.916666667		03/10/2010 22:00	103.93	1.45990	0.336	17.39	0.364	13.32	43.9452	104.7345124	104.788096	1.039326	104.751881	
2010	69	2300	69.958333333		03/10/2010 23:00	103.8	1.45807	0.336	17.37	0.364	13.28	43.9492	104.7332742	104.786857	1.038026	104.750581	
2010	69	2400	70.000000000		03/11/2010 0:00	103.64	1.45582	0.336	17.37	0.364	13.23	43.9542	104.7317501	104.785333	1.036426	104.748981	
2010	70	100	70.041666667		03/11/2010 1:00	103.59	1.45512	0.336	17.33	0.364	13.18	43.9558	104.7312739	104.784857	1.035926	104.748481	
2010	70	200	70.083333333		03/11/2010 2:00	103.42	1.45273	0.336	17.33	0.364	13.13	43.9611	104.7296546	104.783238	1.034226	104.746781	
2010	70	300	70.125000000		03/11/2010 3:00	103.35	1.45175	0.336	17.36	0.364	13.09	43.9633	104.7289879	104.782571	1.033525	104.746081	
2010	70	400	70.166666667		03/11/2010 4:00	103.27	1.45063	0.336	17.34	0.364	13.05	43.9658	104.7282259	104.781809	1.032725	104.745281	
2010	70	500	70.208333333		03/11/2010 5:00	103.26	1.45048	0.336	17.38	0.364	13.01	43.9661	104.7281306	104.781714	1.032625	104.745181	
2010	70	600	70.250000000		03/11/2010 6:00	103.2	1.44964	0.336	17.33	0.364	12.97	43.9680	104.7275591	104.781142	1.032025	104.744581	
2010	70	700	70.291666667		03/11/2010 7:00	103.16	1.44908	0.336	17.38	0.364	12.93	43.9692	104.7271781	104.780761	1.031625	104.744181	
2010	70	800	70.333333333		03/11/2010 8:00	103.08	1.44796	0.336	17.37	0.364	13.41	43.9717	104.7264161	104.779999	1.030825	104.743381	
2010	70	900	70.375000000		03/11/2010 9:00	102.96	1.44627	0.336	17.37	0.364	14	43.9755	104.7252731	104.778856	1.029625	104.742181	
2010	70	1000	70.416666667		03/11/2010 10:00	102.98	1.44655	0.336	17.34	0.364	13.95	43.9749	104.7254636	104.779047	1.029825	104.742381	
2010	70	1100	70.458333333		03/11/2010 11:00	102.91	1.44557	0.336	17.37	0.364	13.9	43.9770	104.7247969	104.778380	1.029125	104.741681	
2010	70	1200	70.500000000		03/11/2010 12:00	102.78	1.44374	0.336	17.37	0.364	13.87	43.9811	104.7235586	104.777142	1.027825	104.740381	
2010	70	1300	70.541666667		03/11/2010 13:00	102.69	1.44248	0.336	17.36	0.364	13.88	43.9839	104.7227013	104.776285	1.026925	104.739481	
2010	70	1400	70.583333333		03/11/2010 14:00	102.58	1.44093	0.336	17.35	0.364	13.88	43.9874	104.7216536	104.775237	1.025825	104.738381	
2010	70	1500	70.625000000		03/11/2010 15:00	102.34	1.43756	0.336	17.36	0.364	13.86	43.9949	104.7193676	104.772951	1.023425	104.735981	
2010	70	1600	70.666666667		03/11/2010 16:00	102.23	1.43602	0.336	17.35	0.364	13.79	43.9983	104.7183198	104.771903	1.022325	104.734881	
2010	70	1700	70.708333333		03/11/2010 17:00	102.15	1.43489	0.336	17.36	0.364	13.78	44.0008	104.7175578	104.771141	1.021525	104.734081	
2010	70	1800	70.750000000		03/11/2010 18:00	102	1.43279	0.336	17.37	0.364	13.63	44.0055	104.7161291	104.769712	1.020025	104.732581	
2010	70	1900	70.791666667		03/11/2010 19:00	101.87	1.43096	0.336	17.37	0.364	13.53	44.0095	104.7148908	104.768474	1.018725	104.731281	
2010	70	2000	70.833333333		03/11/2010 20:00	101.85	1.43068	0.336	17.36	0.364	13.45	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	70	2100	70.875000000		03/11/2010 21:00	101.77	1.42955	0.336	17.38	0.364	13.38	44.0127	104.7139383	104.767522	1.017725	104.730281	
2010	70	2200	70.916666667		03/11/2010 22:00	101.67	1.42815	0.336	17.37	0.364	13.32	44.0158	104.7129858	104.766569	1.016725	104.729281	
2010	70	2300	70.958333333		03/11/2010 23:00	101.68	1.42829	0.336	17.36	0.364	13.26	44.0155	104.713081	104.766664	1.016825	104.729381	
2010	70	2400	71.000000000		03/12/2010 0:00	101.7	1.42857	0.336	17.37	0.364	13.21	44.0149	104.7132715	104.766855	1.017025	104.729581	
2010	71	100	71.041666667		03/12/2010 1:00	101.72	1.42885	0.336	17.36	0.364	13.16	44.0142	104.713462	104.767045	1.017225	104.729781	
2010	71	200	71.083333333		03/12/2010 2:00	101.83	1.43040	0.336	17.35	0.364	13.11	44.0108	104.7145098	104.768093	1.018325	104.730881	
2010	71	300	71.125000000		03/12/2010 3:00	101.85	1.43068	0.336	17.35	0.364	13.07	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	71	400	71.166666667		03/12/2010 4:00	101.93	1.43180	0.336	17.35	0.364	13.03	44.0077	104.7154623	104.769046	1.019325	104.731881	
2010	71	500	71.208333333		03/12/2010 5:00	101.98	1.43250	0.336	17.35	0.364	12.98	44.0061	104.7159386	104.769522	1.019825	104.732381	
2010	71	600	71.250000000		03/12/2010 6:00	102.09	1.43405	0.336	17.37	0.364	12.95	44.0027	104.7169863	104.770570	1.020925	104.733481	
2010	71	700	71.291666667		03/12/2010 7:00	102.16	1.43503	0.336	17.35	0.364	12.91	44.0005	104.7176531	104.771236	1.021625	104.734181	
2010	71	800	71.333333333		03/12/2010 8:00	102.17	1.43517	0.336	17.36	0.364	13.61	44.0002	104.7177483	104.771332	1.021725	104.734281	
2010	71	900	71.375000000		03/12/2010 9:00	102.33	1.43742	0.336	17.36	0.364	13.79	43.9952	104.7192723	104.772856	1.023325	104.735881	
2010	71	1000	71.416666667		03/12/2010 10:00	102.39	1.43826	0.336	17.37	0.364	13.74	43.9933	104.7198438	104.773427	1.023925	104.736481	
2010	71	1100	71.458333333		03/12/2010 11:00	102.46	1.43925	0.336	17.37	0.364	13.72	43.9911	104.7205106	104.774094	1.024625	104.737181	
2010	71	1200	71.500000000		03/12/2010 12:00	102.57	1.44079	0.336	17.36	0.364	13.69	43.9877	104.7215583	104.775142	1.025725	104.738281	
2010	71	1300	71.541666667		03/12/2010 13:00	102.63	1.44164	0.336	17.36	0.364	13.71	43.9858	104.7221298	104.775713	1.026325	104.738881	
2010	71	1400	71.583333333		03/12/2010 14:00	102.75	1.44332	0.336	17.37	0.364	13.74	43.9820	104.7232728	104.776856	1.027525	104.740081	
2010	71	1500	71.625000000		03/12/2010 15:00	102.91	1.44557	0.336	17.37	0.364	13.68	43.9770	104.7247969	104.778380	1.029125	104.741681	
2010	71	1600	71.666666667		03/12/2010 16:00	102.6	1.44121	0.336	17.38	0.364	13.55	43.9867	104.7218441	104.775427	1.026025	104.738581	
2010	71	1700	71.708333333		03/12/2010 17:00	102.57	1.44079	0.336	17.36	0.364	13.46	43.9877	104.7215583	104.775142	1.025725	104.738281	
2010	71	1800	71.750000000		03/12/2010 18:00	102.54	1.44037	0.336	17.37	0.364	13.38	43.9886	104.7212726	104.774856	1.025425	104.737981	
2010	71	1900	71.791666667		03/12/2010 19:00	102.44	1.43897	0.336	17.34	0.364	13.33	43.9917	104.7203201	104.773903	1.024425	104.736981	
2010	71	2000	71.833333333		03/12/2010 20:00	102.25	1.43630	0.336	17.35	0.364	13.27	43.9977	104.7185103	104.772094	1.022525	104.735081	
2010	71	2100	71.875000000		03/12/2010 21:00	102.15	1.43489	0.336	17.37	0.363	13.22	44.0008	104.7175578	104.771141	1.021525	104.734081	
2010	71	2200	71.916666667		03/12/2010 22:00	102.12	1.43447	0.336	17.34	0.364	13.18	44.0017	104.7172721	104.770855	1.021225	104.733781	
2010	71	2300	71.958333333		03/12/2010 23:00	102	1.43279	0.336	17.37	0.364	13.13	44.0055	104.7161291	104.769712	1.020025	104.732581	
2010	71	2400	72.000000000		03/13/2010 0:00	101.82	1.43026	0.336	17.38	0.363	13.09	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	72	100	72.041666667		03/13/2010 1:00	101.68	1.42829	0.336	17.36	0.364	13.05	44.0155	104.713081	104.766664	1.016825	104.729381	
2010	72	200	72.083333333		03/13/2010 2:00	101.6	1.42717	0.336	17.38	0.364	13	44.0180	104.712319	104.765902	1.016025	104.728581	
2010	72	300	72.125000000		03/13/2010 3:00	101.48	1.42548	0.336	17.37	0.364	12.96	44.0217	104.711176	104.764759	1.014825	104.727381	
2010	72	400	72.166666667		03/13/2010 4:00	101.39	1.42422	0.336	17.36	0.364	12.92	44.0245	104.7103188	104.763902	1.013925	104.726481	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	72	500	72.208333333		03/13/2010 5:00	101.51	1.42590	0.336	17.35	0.364	12.88	44.0208	104.7114618	104.765045	1.015125	104.727681	
2010	72	600	72.250000000		03/13/2010 6:00	101.49	1.42562	0.336	17.35	0.364	12.85	44.0214	104.7112713	104.764855	1.014925	104.727481	
2010	72	700	72.291666667		03/13/2010 7:00	101.48	1.42548	0.336	17.36	0.364	14.09	44.0217	104.711176	104.764759	1.014825	104.727381	
2010	72	800	72.333333333		03/13/2010 8:00	101.67	1.42815	0.336	17.34	0.364	14.04	44.0158	104.7129858	104.766569	1.016725	104.729281	
2010	72	900	72.375000000		03/13/2010 9:00	101.69	1.42843	0.336	17.38	0.363	13.98	44.0152	104.7131763	104.766760	1.016925	104.729481	
2010	72	1000	72.416666667		03/13/2010 10:00	101.84	1.43054	0.336	17.35	0.364	13.91	44.0105	104.7146051	104.768188	1.018425	104.730981	
2010	72	1100	72.458333333		03/13/2010 11:00	101.8	1.42998	0.336	17.37	0.364	13.84	44.0117	104.714224	104.767807	1.018025	104.730581	
2010	72	1200	72.500000000		03/13/2010 12:00	101.82	1.43026	0.336	17.36	0.364	13.81	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	72	1300	72.541666667		03/13/2010 13:00	101.88	1.43110	0.336	17.36	0.364	13.74	44.0092	104.7149861	104.768569	1.018825	104.731381	
2010	72	1400	72.583333333		03/13/2010 14:00	101.85	1.43068	0.336	17.37	0.363	13.75	44.0102	104.7147003	104.768284	1.018525	104.731081	
2010	72	1500	72.625000000		03/13/2010 15:00	101.79	1.42984	0.336	17.36	0.364	13.69	44.0120	104.7141288	104.767712	1.017925	104.730481	
2010	72	1600	72.666666667		03/13/2010 16:00	101.76	1.42941	0.336	17.36	0.364	13.7	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	72	1700	72.708333333		03/13/2010 17:00	101.76	1.42941	0.336	17.34	0.364	13.76	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	72	1800	72.750000000		03/13/2010 18:00	101.7	1.42857	0.336	17.37	0.364	13.6	44.0149	104.7132715	104.766855	1.017025	104.729581	
2010	72	1900	72.791666667		03/13/2010 19:00	101.64	1.42773	0.336	17.36	0.364	13.5	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	72	2000	72.833333333		03/13/2010 20:00	101.65	1.42787	0.336	17.38	0.363	13.42	44.0164	104.7127953	104.766379	1.016525	104.729081	
2010	72	2100	72.875000000		03/13/2010 21:00	101.61	1.42731	0.336	17.34	0.364	13.36	44.0177	104.7124143	104.765998	1.016125	104.728681	
2010	72	2200	72.916666667		03/13/2010 22:00	101.59	1.42703	0.336	17.35	0.364	13.31	44.0183	104.7122238	104.765807	1.015925	104.728481	
2010	72	2300	72.958333333		03/13/2010 23:00	101.62	1.42745	0.336	17.39	0.364	13.26	44.0174	104.7125095	104.766093	1.016225	104.728781	
2010	72	2400	73.000000000		03/14/2010 0:00	101.64	1.42773	0.336	17.37	0.364	13.21	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	73	100	73.041666667		03/14/2010 1:00	101.64	1.42773	0.336	17.34	0.364	13.17	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	73	200	73.083333333		03/14/2010 2:00	101.64	1.42773	0.336	17.36	0.364	13.11	44.0167	104.7127	104.766283	1.016425	104.728981	
2010	73	300	73.125000000		03/14/2010 3:00	101.71	1.42871	0.336	17.36	0.363	13.07	44.0145	104.7133668	104.766950	1.017125	104.729681	
2010	73	400	73.166666667		03/14/2010 4:00	101.74	1.42913	0.336	17.34	0.364	13.03	44.0136	104.7136525	104.767236	1.017425	104.729981	
2010	73	500	73.208333333		03/14/2010 5:00	101.76	1.42941	0.336	17.36	0.364	12.99	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	73	600	73.250000000		03/14/2010 6:00	101.82	1.43026	0.336	17.34	0.364	12.94	44.0111	104.7144145	104.767998	1.018225	104.730781	
2010	73	700	73.291666667		03/14/2010 7:00	101.76	1.42941	0.336	17.36	0.364	14.19	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	73	800	73.333333333		03/14/2010 8:00	101.76	1.42941	0.336	17.35	0.364	14.13	44.0130	104.713843	104.767426	1.017625	104.730181	
2010	73	900	73.375000000		03/14/2010 9:00	101.7	1.42857	0.336	17.34	0.364	14.01	44.0149	104.7132715	104.766855	1.017025	104.729581	
2010	73	1000	73.416666667		03/14/2010 10:00	101.74	1.42913	0.336	17.37	0.364	13.92	44.0136	104.7136525	104.767236	1.017425	104.729981	
2010	73	1100	73.458333333		03/14/2010 11:00	101.71	1.42871	0.336	17.36	0.364	13.85	44.0145	104.7133668	104.766950	1.017125	104.729681	
2010	73	1200	73.500000000		03/14/2010 12:00	101.68	1.42829	0.336	17.36	0.364	13.82	44.0155	104.713081	104.766664	1.016825	104.729381	
2010	73	1300	73.541666667		03/14/2010 13:00	101.52	1.42604	0.336	17.37	0.364	13.77	44.0205	104.711557	104.765140	1.015225	104.727781	
2010	73	1400	73.583333333		03/14/2010 14:00	101.51	1.42590	0.336	17.36	0.364	13.74	44.0208	104.7114618	104.765045	1.015125	104.727681	
2010	73	1500	73.625000000		03/14/2010 15:00	101.41	1.42450	0.336	17.36	0.363	13.73	44.0239	104.7105093	104.764093	1.014125	104.726681	
2010	73	1600	73.666666667		03/14/2010 16:00	101.41	1.42450	0.336	17.36	0.363	13.74	44.0239	104.7105093	104.764093	1.014125	104.726681	
2010	73	1700	73.708333333		03/14/2010 17:00	101.28	1.42267	0.336	17.36	0.363	13.78	44.0280	104.709271	104.762854	1.012825	104.725381	
2010	73	1800	73.750000000		03/14/2010 18:00	101.18	1.42127	0.336	17.36	0.363	13.6	44.0311	104.7083185	104.761902	1.011825	104.724381	
2010	73	1900	73.791666667		03/14/2010 19:00	101.16	1.42099	0.336	17.37	0.363	13.49	44.0317	104.708128	104.761711	1.011625	104.724181	
2010	73	2000	73.833333333		03/14/2010 20:00	101.07	1.41972	0.336	17.35	0.363	13.42	44.0345	104.7072708	104.760854	1.010725	104.723280	
2010	73	2100	73.875000000		03/14/2010 21:00	100.99	1.41860	0.335	17.35	0.363	13.36	44.0370	104.7065088	104.760092	1.009925	104.722480	
2010	73	2200	73.916666667		03/14/2010 22:00	100.88	1.41705	0.336	17.36	0.363	13.31	44.0405	104.705461	104.759044	1.008825	104.721380	
2010	73	2300	73.958333333		03/14/2010 23:00	100.8	1.41593	0.335	17.34	0.363	13.25	44.0430	104.704699	104.758282	1.008025	104.720580	
2010	73	2400	74.000000000		03/15/2010 0:00	100.65	1.41382	0.335	17.36	0.363	13.21	44.0477	104.7032702	104.756853	1.006525	104.719080	
2010	74	100	74.041666667		03/15/2010 1:00	100.53	1.41214	0.335	17.36	0.363	13.16	44.0514	104.7021272	104.755710	1.005325	104.717880	
2010	74	200	74.083333333		03/15/2010 2:00	100.41	1.41045	0.335	17.35	0.363	13.12	44.0552	104.7009842	104.754567	1.004125	104.716680	
2010	74	300	74.125000000		03/15/2010 3:00	100.22	1.40778	0.335	17.35	0.363	13.07	44.0611	104.6991745	104.752758	1.002225	104.714780	
2010	74	400	74.166666667		03/15/2010 4:00	100.07	1.40567	0.335	17.36	0.363	13.03	44.0658	104.6977457	104.751329	1.000725	104.713280	
2010	74	500	74.208333333		03/15/2010 5:00	99.925	1.40364	0.335	17.36	0.363	12.99	44.0703	104.6963646	104.749948	0.999275	104.711830	
2010	74	600	74.250000000		03/15/2010 6:00	99.708	1.40059	0.335	17.35	0.363	12.95	44.0771	104.6942976	104.747881	0.997105	104.709660	
2010	74	700	74.291666667		03/15/2010 7:00	99.557	1.39847	0.335	17.36	0.363	14.06	44.0818	104.6928594	104.746443	0.995595	104.708150	
2010	74	800	74.333333333		03/15/2010 8:00	99.404	1.39632	0.335	17.36	0.363	14.04	44.0866	104.691402	104.744985	0.994065	104.706620	
2010	74	900	74.375000000		03/15/2010 9:00	99.286	1.39466	0.335	17.36	0.362	13.93	44.0903	104.6902781	104.743861	0.992884	104.705440	
2010	74	1000	74.416666667		03/15/2010 10:00	99.163	1.39293	0.335	17.35	0.363	13.85	44.0941	104.6891065	104.742690	0.991654	104.704210	
2010	74	1100	74.458333333		03/15/2010 11:00	98.963	1.39013	0.335	17.37	0.362	13.78	44.1004	104.6872015	104.740785	0.989654	104.702210	
2010	74	1200	74.500000000		03/15/2010 12:00	98.872	1.38885	0.335	17.35	0.362	13.74	44.1032	104.6863347	104.739918	0.988744	104.701300	
2010	74	1300	74.541666667		03/15/2010 13:00	98.737	1.38695	0.335	17.36	0.362	13.69	44.1075	104.6850488	104.738632	0.987394	104.699950	
2010	74	1400	74.583333333		03/15/2010 14:00	98.581	1.38476	0.335	17.35	0.363	13.67	44.1123	104.6835629	104.737146	0.985834	104.698390	
2010	74	1500	74.625000000		03/15/2010 15:00	98.37	1.38180	0.335	17.37	0.362	13.65	44.1189	104.6815531	104.735136	0.983724	104.696280	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	74	1600	74.666666667		03/15/2010 16:00	98.22	1.37969	0.335	17.36	0.362	13.68	44.1236	104.6801244	104.733708	0.982224	104.694780	
2010	74	1700	74.708333333		03/15/2010 17:00	98.108	1.37811	0.335	17.36	0.362	13.7	44.1271	104.6790576	104.732641	0.981104	104.693660	
2010	74	1800	74.750000000		03/15/2010 18:00	97.944	1.37581	0.335	17.38	0.362	13.55	44.1322	104.6774954	104.731079	0.979464	104.692020	
2010	74	1900	74.791666667		03/15/2010 19:00	97.772	1.37340	0.335	17.37	0.362	13.45	44.1376	104.6758571	104.729440	0.977744	104.690300	
2010	74	2000	74.833333333		03/15/2010 20:00	97.637	1.37150	0.335	17.37	0.362	13.37	44.1418	104.6745713	104.728155	0.976394	104.688950	
2010	74	2100	74.875000000		03/15/2010 21:00	97.489	1.36942	0.335	17.37	0.362	13.31	44.1465	104.6731615	104.726745	0.974914	104.687470	
2010	74	2200	74.916666667		03/15/2010 22:00	97.413	1.36835	0.335	17.36	0.362	13.26	44.1488	104.6724376	104.726021	0.974154	104.686710	
2010	74	2300	74.958333333		03/15/2010 23:00	97.238	1.36589	0.335	17.36	0.362	13.2	44.1543	104.6707708	104.724354	0.972404	104.684960	
2010	74	2400	75.000000000		03/16/2010 0:00	97.153	1.36470	0.335	17.36	0.362	13.15	44.1570	104.6699611	104.723544	0.971554	104.684110	
2010	75	100	75.041666667		03/16/2010 1:00	97.01	1.36269	0.334	17.37	0.362	13.1	44.1614	104.668599	104.722182	0.970124	104.682679	
2010	75	200	75.083333333		03/16/2010 2:00	96.869	1.36071	0.334	17.36	0.362	13.06	44.1658	104.667256	104.720839	0.968714	104.681269	
2010	75	300	75.125000000		03/16/2010 3:00	96.799	1.35973	0.334	17.37	0.362	13.01	44.1680	104.6665893	104.720173	0.968014	104.680569	
2010	75	400	75.166666667		03/16/2010 4:00	96.667	1.35787	0.334	17.38	0.362	12.97	44.1721	104.6653319	104.718915	0.966694	104.679249	
2010	75	500	75.208333333		03/16/2010 5:00	96.599	1.35692	0.334	17.37	0.362	12.93	44.1743	104.6646842	104.718268	0.966014	104.678569	
2010	75	600	75.250000000		03/16/2010 6:00	96.472	1.35513	0.334	17.36	0.362	12.9	44.1782	104.6634746	104.717058	0.964744	104.677299	
2010	75	700	75.291666667		03/16/2010 7:00	96.363	1.35360	0.335	17.35	0.362	13.64	44.1816	104.6624363	104.716020	0.963654	104.676209	
2010	75	800	75.333333333		03/16/2010 8:00	96.28	1.35244	0.334	17.37	0.362	14.04	44.1842	104.6616458	104.715229	0.962824	104.675379	
2010	75	900	75.375000000		03/16/2010 9:00	96.22	1.35159	0.334	17.35	0.362	13.96	44.1861	104.6610742	104.714658	0.962224	104.674779	
2010	75	1000	75.416666667		03/16/2010 10:00	96.119	1.35018	0.334	17.38	0.362	13.85	44.1893	104.6601122	104.713695	0.961214	104.673769	
2010	75	1100	75.458333333		03/16/2010 11:00	96.027	1.34888	0.334	17.37	0.362	13.74	44.1921	104.6592359	104.712819	0.960294	104.672849	
2010	75	1200	75.500000000		03/16/2010 12:00	95.937	1.34762	0.334	17.37	0.362	13.69	44.1950	104.6583787	104.711962	0.959394	104.671949	
2010	75	1300	75.541666667		03/16/2010 13:00	95.852	1.34643	0.334	17.38	0.362	13.61	44.1976	104.657569	104.711152	0.958544	104.671099	
2010	75	1400	75.583333333		03/16/2010 14:00	95.627	1.34326	0.334	17.36	0.362	13.54	44.2046	104.6554259	104.709009	0.956294	104.668849	
2010	75	1500	75.625000000		03/16/2010 15:00	95.522	1.34179	0.334	17.37	0.362	13.49	44.2079	104.6544258	104.708009	0.955244	104.667799	
2010	75	1600	75.666666667		03/16/2010 16:00	95.395	1.34001	0.334	17.37	0.362	13.49	44.2119	104.6532161	104.706799	0.953974	104.666529	
2010	75	1700	75.708333333		03/16/2010 17:00	95.158	1.33668	0.334	17.36	0.362	13.55	44.2193	104.6509586	104.704542	0.951603	104.664159	
2010	75	1800	75.750000000		03/16/2010 18:00	95.325	1.33902	0.334	17.37	0.362	13.39	44.2141	104.6525493	104.706133	0.953274	104.665829	
2010	75	1900	75.791666667		03/16/2010 19:00	94.984	1.33423	0.334	17.37	0.362	13.3	44.2247	104.6493013	104.702885	0.949863	104.662419	
2010	75	2000	75.833333333		03/16/2010 20:00	94.885	1.33284	0.334	17.37	0.362	13.23	44.2278	104.6483583	104.701942	0.948873	104.661429	
2010	75	2100	75.875000000		03/16/2010 21:00	94.843	1.33225	0.334	17.37	0.362	13.18	44.2291	104.6479583	104.701542	0.948453	104.661009	
2010	75	2200	75.916666667		03/16/2010 22:00	94.697	1.33020	0.334	17.37	0.361	13.12	44.2337	104.6465676	104.700151	0.946993	104.659549	
2010	75	2300	75.958333333		03/16/2010 23:00	94.584	1.32861	0.334	17.37	0.362	13.07	44.2372	104.6454913	104.699075	0.945863	104.658419	
2010	75	2400	76.000000000		03/17/2010 0:00	94.457	1.32683	0.334	17.36	0.361	13.03	44.2412	104.6442816	104.697865	0.944593	104.657149	
2010	76	100	76.041666667		03/17/2010 1:00	94.448	1.32670	0.334	17.37	0.362	12.99	44.2415	104.6441959	104.697779	0.944503	104.657059	
2010	76	200	76.083333333		03/17/2010 2:00	94.352	1.32535	0.334	17.37	0.362	12.94	44.2445	104.6432814	104.696865	0.943543	104.656099	
2010	76	300	76.125000000		03/17/2010 3:00	94.328	1.32502	0.334	17.39	0.361	12.91	44.2452	104.6430528	104.696636	0.943303	104.655859	
2010	76	400	76.166666667		03/17/2010 4:00	94.29	1.32448	0.334	17.38	0.361	12.88	44.2464	104.6426909	104.696274	0.942923	104.655479	
2010	76	500	76.208333333		03/17/2010 5:00	94.28	1.32434	0.334	17.35	0.361	12.85	44.2467	104.6425956	104.696179	0.942823	104.655379	
2010	76	600	76.250000000		03/17/2010 6:00	94.301	1.32464	0.334	17.37	0.361	12.83	44.2461	104.6427957	104.696379	0.943033	104.655589	
2010	76	700	76.291666667		03/17/2010 7:00	94.33	1.32505	0.334	17.37	0.361	13.51	44.2452	104.6430719	104.696655	0.943323	104.655879	
2010	76	800	76.333333333		03/17/2010 8:00	94.283	1.32439	0.334	17.38	0.361	14	44.2466	104.6426242	104.696207	0.942853	104.655409	
2010	76	900	76.375000000		03/17/2010 9:00	94.276	1.32429	0.334	17.35	0.361	13.93	44.2469	104.6425575	104.696141	0.942783	104.655339	
2010	76	1000	76.416666667		03/17/2010 10:00	94.261	1.32408	0.334	17.36	0.361	13.84	44.2473	104.6424147	104.695998	0.942633	104.655189	
2010	76	1100	76.458333333		03/17/2010 11:00	94.215	1.32343	0.334	17.37	0.361	13.77	44.2488	104.6419765	104.695560	0.942173	104.654729	
2010	76	1200	76.500000000		03/17/2010 12:00	94.194	1.32314	0.334	17.38	0.361	13.74	44.2494	104.6417765	104.695360	0.941963	104.654519	
2010	76	1300	76.541666667		03/17/2010 13:00	94.138	1.32235	0.334	17.36	0.361	13.7	44.2512	104.6412431	104.694826	0.941403	104.653959	
2010	76	1400	76.583333333		03/17/2010 14:00	94.036	1.32092	0.334	17.38	0.361	13.67	44.2544	104.6402715	104.693855	0.940383	104.652939	
2010	76	1500	76.625000000		03/17/2010 15:00	93.918	1.31926	0.333	17.36	0.361	13.7	44.2580	104.6391476	104.692731	0.939203	104.651759	
2010	76	1600	76.666666667		03/17/2010 16:00	93.856	1.31839	0.333	17.38	0.361	13.69	44.2600	104.638557	104.692140	0.938583	104.651139	
2010	76	1700	76.708333333		03/17/2010 17:00	93.828	1.31799	0.334	17.36	0.361	13.73	44.2609	104.6382903	104.691874	0.938303	104.650859	
2010	76	1800	76.750000000		03/17/2010 18:00	93.74	1.31676	0.333	17.35	0.361	13.57	44.2636	104.6374521	104.691035	0.937423	104.649979	
2010	76	1900	76.791666667		03/17/2010 19:00	93.649	1.31548	0.333	17.38	0.361	13.47	44.2665	104.6365853	104.690169	0.936513	104.649069	
2010	76	2000	76.833333333		03/17/2010 20:00	93.607	1.31489	0.333	17.35	0.361	13.4	44.2678	104.6361853	104.689769	0.936093	104.648649	
2010	76	2100	76.875000000		03/17/2010 21:00	93.492	1.31327	0.333	17.35	0.361	13.33	44.2714	104.6350899	104.688673	0.934943	104.647499	
2010	76	2200	76.916666667		03/17/2010 22:00	93.35	1.31128	0.333	17.35	0.361	13.28	44.2758	104.6337373	104.687321	0.933523	104.646079	
2010	76	2300	76.958333333		03/17/2010 23:00	93.333	1.31104	0.333	17.38	0.361	13.24	44.2763	104.6335754	104.687159	0.933353	104.645909	
2010	76	2400	77.000000000		03/18/2010 0:00	93.158	1.30858	0.333	17.37	0.361	13.18	44.2818	104.6319085	104.685492	0.931603	104.644159	
2010	77	100	77.041666667		03/18/2010 1:00	93.083	1.30753	0.333	17.38	0.361	13.13	44.2841	104.6311942	104.684777	0.930853	104.643409	
2010	77	200	77.083333333		03/18/2010 2:00	92.918	1.30521	0.333	17.35	0.361	13.09	44.2893	104.6296225	104.683206	0.929203	104.641758	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	77	300	77.125000000		03/18/2010 3:00	92.851	1.30427	0.333	17.36	0.36	13.05	44.2914	104.6289843	104.682568	0.928533	104.641088	
2010	77	400	77.166666667		03/18/2010 4:00	92.769	1.30312	0.333	17.38	0.36	13	44.2940	104.6282033	104.681787	0.927713	104.640268	
2010	77	500	77.208333333		03/18/2010 5:00	92.556	1.30013	0.333	17.35	0.36	12.96	44.3006	104.6261745	104.679758	0.925583	104.638138	
2010	77	600	77.250000000		03/18/2010 6:00	92.468	1.29889	0.333	17.37	0.36	12.92	44.3034	104.6253362	104.678920	0.924703	104.637258	
2010	77	700	77.291666667		03/18/2010 7:00	92.324	1.29687	0.333	17.35	0.36	14.11	44.3079	104.6239646	104.677548	0.923263	104.635818	
2010	77	800	77.333333333		03/18/2010 8:00	92.237	1.29565	0.333	17.36	0.36	14.04	44.3106	104.623136	104.676719	0.922393	104.634948	
2010	77	900	77.375000000		03/18/2010 9:00	92.103	1.29376	0.333	17.38	0.36	13.96	44.3148	104.6218596	104.675443	0.921053	104.633608	
2010	77	1000	77.416666667		03/18/2010 10:00	91.993	1.29222	0.333	17.37	0.36	13.86	44.3182	104.6208118	104.674395	0.919953	104.632508	
2010	77	1100	77.458333333		03/18/2010 11:00	91.93	1.29133	0.333	17.37	0.36	13.81	44.3202	104.6202118	104.673795	0.919323	104.631878	
2010	77	1200	77.500000000		03/18/2010 12:00	91.808	1.28962	0.333	17.38	0.36	13.78	44.3240	104.6190497	104.672633	0.918103	104.630658	
2010	77	1300	77.541666667		03/18/2010 13:00	91.629	1.28710	0.333	17.38	0.36	13.75	44.3296	104.6173447	104.670928	0.916313	104.628868	
2010	77	1400	77.583333333		03/18/2010 14:00	91.47	1.28487	0.332	17.37	0.36	13.7	44.3345	104.6158302	104.669414	0.914723	104.627278	
2010	77	1500	77.625000000		03/18/2010 15:00	91.386	1.28369	0.333	17.37	0.36	13.68	44.3372	104.6150301	104.668613	0.913883	104.626438	
2010	77	1600	77.666666667		03/18/2010 16:00	91.189	1.28092	0.333	17.37	0.36	13.69	44.3433	104.6131537	104.666737	0.911912	104.624468	
2010	77	1700	77.708333333		03/18/2010 17:00	91.02	1.27855	0.333	17.38	0.36	13.73	44.3486	104.611544	104.665127	0.910222	104.622778	
2010	77	1800	77.750000000		03/18/2010 18:00	90.868	1.27642	0.333	17.36	0.36	13.58	44.3534	104.6100962	104.663679	0.908702	104.621258	
2010	77	1900	77.791666667		03/18/2010 19:00	90.755	1.27483	0.332	17.37	0.36	13.49	44.3569	104.6090198	104.662603	0.907572	104.620128	
2010	77	2000	77.833333333		03/18/2010 20:00	90.597	1.27261	0.332	17.35	0.36	13.4	44.3618	104.6075149	104.661098	0.905992	104.618548	
2010	77	2100	77.875000000		03/18/2010 21:00	90.503	1.27129	0.332	17.34	0.36	13.35	44.3648	104.6066195	104.660203	0.905052	104.617608	
2010	77	2200	77.916666667		03/18/2010 22:00	90.315	1.26865	0.332	17.37	0.36	13.3	44.3706	104.6048288	104.658412	0.903172	104.615728	
2010	77	2300	77.958333333		03/18/2010 23:00	90.204	1.26709	0.332	17.35	0.36	13.25	44.3741	104.6037715	104.657355	0.902062	104.614618	
2010	77	2400	78.000000000		03/19/2010 0:00	90.098	1.26560	0.332	17.37	0.36	13.19	44.3774	104.6027619	104.656345	0.901002	104.613558	
2010	78	100	78.041666667		03/19/2010 1:00	90.093	1.26553	0.332	17.37	0.36	13.15	44.3776	104.6027142	104.656298	0.900952	104.613508	
2010	78	200	78.083333333		03/19/2010 2:00	90.006	1.26431	0.332	17.38	0.359	13.11	44.3803	104.6018856	104.655469	0.900082	104.612638	
2010	78	300	78.125000000		03/19/2010 3:00	89.89	1.26268	0.332	17.37	0.359	13.06	44.3839	104.6007807	104.654364	0.898922	104.611478	
2010	78	400	78.166666667		03/19/2010 4:00	89.84	1.26197	0.332	17.37	0.359	13.02	44.3855	104.6003044	104.653888	0.898422	104.610978	
2010	78	500	78.208333333		03/19/2010 5:00	89.805	1.26148	0.332	17.36	0.359	12.97	44.3866	104.599971	104.653554	0.898072	104.610628	
2010	78	600	78.250000000		03/19/2010 6:00	89.807	1.26151	0.332	17.37	0.359	12.94	44.3865	104.5999901	104.653573	0.898092	104.610648	
2010	78	700	78.291666667		03/19/2010 7:00	89.717	1.26025	0.332	17.36	0.359	14.14	44.3893	104.5991328	104.652716	0.897192	104.609748	
2010	78	800	78.333333333		03/19/2010 8:00	89.724	1.26035	0.332	17.36	0.359	14.07	44.3891	104.5991995	104.652783	0.897262	104.609818	
2010	78	900	78.375000000		03/19/2010 9:00	89.763	1.26089	0.332	17.35	0.359	13.98	44.3879	104.599571	104.653154	0.897652	104.610208	
2010	78	1000	78.416666667		03/19/2010 10:00	89.762	1.26088	0.332	17.37	0.359	13.9	44.3879	104.5995615	104.653145	0.897642	104.610198	
2010	78	1100	78.458333333		03/19/2010 11:00	89.805	1.26148	0.332	17.38	0.359	13.83	44.3866	104.599971	104.653554	0.898072	104.610628	
2010	78	1200	78.500000000		03/19/2010 12:00	89.859	1.26224	0.332	17.38	0.359	13.79	44.3849	104.6004854	104.654069	0.898612	104.611168	
2010	78	1300	78.541666667		03/19/2010 13:00	89.923	1.26314	0.332	17.38	0.359	13.73	44.3829	104.601095	104.654678	0.899252	104.611808	
2010	78	1400	78.583333333		03/19/2010 14:00	89.985	1.26401	0.331	17.37	0.359	13.67	44.3810	104.6016855	104.655269	0.899872	104.612428	
2010	78	1500	78.625000000		03/19/2010 15:00	90.054	1.26498	0.331	17.38	0.359	13.65	44.3788	104.6023428	104.655926	0.900562	104.613118	
2010	78	1600	78.666666667		03/19/2010 16:00	90.237	1.26755	0.331	17.38	0.359	13.66	44.3731	104.6040859	104.657669	0.902392	104.614948	
2010	78	1700	78.708333333		03/19/2010 17:00	90.312	1.26861	0.331	17.36	0.359	13.71	44.3707	104.6048002	104.658383	0.903142	104.615698	
2010	78	1800	78.750000000		03/19/2010 18:00	90.458	1.27066	0.331	17.37	0.359	13.57	44.3662	104.6061909	104.659774	0.904602	104.617158	
2010	78	1900	78.791666667		03/19/2010 19:00	90.597	1.27261	0.332	17.37	0.359	13.47	44.3618	104.6075149	104.661098	0.905992	104.618548	
2010	78	2000	78.833333333		03/19/2010 20:00	90.788	1.27529	0.331	17.36	0.359	13.39	44.3559	104.6093342	104.662917	0.907902	104.620458	
2010	78	2100	78.875000000		03/19/2010 21:00	90.964	1.27776	0.331	17.39	0.359	13.32	44.3504	104.6110106	104.664594	0.909662	104.622218	
2010	78	2200	78.916666667		03/19/2010 22:00	91.123	1.28000	0.331	17.36	0.359	13.28	44.3454	104.6125251	104.666108	0.911252	104.623808	
2010	78	2300	78.958333333		03/19/2010 23:00	91.275	1.28213	0.331	17.38	0.358	13.23	44.3406	104.6139729	104.667556	0.912773	104.625328	
2010	78	2400	79.000000000		03/20/2010 0:00	91.493	1.28519	0.331	17.37	0.358	13.18	44.3338	104.6160493	104.669633	0.914953	104.627508	
2010	79	100	79.041666667		03/20/2010 1:00	91.654	1.28746	0.331	17.38	0.358	13.13	44.3288	104.6175829	104.671166	0.916563	104.629118	
2010	79	200	79.083333333		03/20/2010 2:00	91.758	1.28892	0.331	17.37	0.358	13.09	44.3255	104.6185735	104.672157	0.917603	104.630158	
2010	79	300	79.125000000		03/20/2010 3:00	91.869	1.29048	0.331	17.38	0.358	13.04	44.3221	104.6196307	104.673214	0.918713	104.631268	
2010	79	400	79.166666667		03/20/2010 4:00	91.971	1.29191	0.331	17.36	0.358	13	44.3189	104.6206023	104.674186	0.919733	104.632288	
2010	79	500	79.208333333		03/20/2010 5:00	92.056	1.29310	0.331	17.34	0.358	12.96	44.3162	104.6214119	104.674995	0.920583	104.633138	
2010	79	600	79.250000000		03/20/2010 6:00	92.094	1.29364	0.33	17.33	0.358	12.92	44.3150	104.6217739	104.675357	0.920963	104.633518	
2010	79	700	79.291666667		03/20/2010 7:00	92.092	1.29361	0.331	17.36	0.358	14.18	44.3151	104.6217548	104.675338	0.920943	104.633498	
2010	79	800	79.333333333		03/20/2010 8:00	92.14	1.29428	0.33	17.35	0.358	14.11	44.3136	104.622212	104.675795	0.921423	104.633978	
2010	79	900	79.375000000		03/20/2010 9:00	92.151	1.29444	0.33	17.38	0.358	14.01	44.3133	104.6223168	104.675900	0.921533	104.634088	
2010	79	1000	79.416666667		03/20/2010 10:00	92.229	1.29553	0.33	17.37	0.358	13.94	44.3108	104.6230598	104.676643	0.922313	104.634868	
2010	79	1100	79.458333333		03/20/2010 11:00	92.32	1.29681	0.33	17.36	0.357	13.84	44.3080	104.6239265	104.677510	0.923223	104.635778	
2010	79	1200	79.500000000		03/20/2010 12:00	92.336	1.29704	0.33	17.38	0.357	13.79	44.3075	104.6240789	104.677662	0.923383	104.635938	
2010	79	1300	79.541666667		03/20/2010 13:00	92.303	1.29657	0.33	17.38	0.357	13.72	44.3085	104.6237646	104.677348	0.923053	104.635608	

Table D-15. Groundwater Elevations (Part 4 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-12					399-1-12	399-1-12	399-1-12	399-1-12	399-1-12	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm_	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	79	1400	79.583333333		03/20/2010 14:00	92.249	1.29581	0.33	17.36	0.357	13.64	44.3102	104.6232503	104.676834	0.922513	104.635068	
2010	79	1500	79.625000000		03/20/2010 15:00	92.333	1.29699	0.33	17.37	0.357	13.61	44.3076	104.6240504	104.677634	0.923353	104.635908	
2010	79	1600	79.666666667		03/20/2010 16:00	92.267	1.29607	0.33	17.38	0.357	13.62	44.3096	104.6234217	104.677005	0.922693	104.635248	
2010	79	1700	79.708333333		03/20/2010 17:00	92.23	1.29555	0.33	17.37	0.357	13.65	44.3108	104.6230693	104.676653	0.922323	104.634878	
2010	79	1800	79.750000000		03/20/2010 18:00	92.238	1.29566	0.33	17.37	0.357	13.54	44.3105	104.6231455	104.676729	0.922403	104.634958	
2010	79	1900	79.791666667		03/20/2010 19:00	92.22	1.29541	0.329	17.37	0.356	13.43	44.3111	104.622974	104.676557	0.922223	104.634778	
2010	79	2000	79.833333333		03/20/2010 20:00	92.216	1.29535	0.33	17.38	0.357	13.36	44.3112	104.6229359	104.676519	0.922183	104.634738	
2010	79	2100	79.875000000		03/20/2010 21:00	92.204	1.29518	0.329	17.37	0.357	13.3	44.3116	104.6228216	104.676405	0.922063	104.634618	
2010	79	2200	79.916666667		03/20/2010 22:00	92.202	1.29515	0.329	17.36	0.357	13.25	44.3117	104.6228026	104.676386	0.922043	104.634598	
2010	79	2300	79.958333333		03/20/2010 23:00	92.185	1.29492	0.33	17.38	0.357	13.2	44.3122	104.6226407	104.676224	0.921873	104.634428	
2010	79	2400	80.000000000		03/21/2010 0:00	92.23	1.29555	0.329	17.37	0.357	13.15	44.3108	104.6230693	104.676653	0.922323	104.634878	
2010	80	100	80.041666667		03/21/2010 1:00	92.209	1.29525	0.329	17.39	0.356	13.11	44.3115	104.6228693	104.676453	0.922113	104.634668	
2010	80	200	80.083333333		03/21/2010 2:00	92.169	1.29469	0.329	17.39	0.356	13.06	44.3127	104.6224883	104.676072	0.921713	104.634268	
2010	80	300	80.125000000		03/21/2010 3:00	92.113	1.29390	0.329	17.37	0.356	13.02	44.3145	104.6219549	104.675538	0.921153	104.633708	
2010	80	400	80.166666667		03/21/2010 4:00	92.147	1.29438	0.329	17.38	0.356	12.98	44.3134	104.6222787	104.675862	0.921493	104.634048	
2010	80	500	80.208333333		03/21/2010 5:00	92.214	1.29532	0.329	17.36	0.356	12.94	44.3113	104.6229169	104.676500	0.922163	104.634718	
2010	80	600	80.250000000		03/21/2010 6:00	92.252	1.29586	0.329	17.36	0.356	12.91	44.3101	104.6232788	104.676862	0.922543	104.635098	
2010	80	700	80.291666667		03/21/2010 7:00	92.206	1.29521	0.329	17.38	0.356	13.09	44.3115	104.6228407	104.676424	0.922083	104.634638	
2010	80	800	80.333333333		03/21/2010 8:00	92.267	1.29607	0.329	17.36	0.356	13.74	44.3096	104.6234217	104.677005	0.922693	104.635248	
2010	80	900	80.375000000		03/21/2010 9:00	92.351	1.29725	0.329	17.38	0.356	13.82	44.3070	104.6242218	104.677805	0.923533	104.636088	
2010	80	1000	80.416666667		03/21/2010 10:00	92.462	1.29881	0.329	17.38	0.356	13.8	44.3035	104.6252791	104.678862	0.924643	104.637198	
2010	80	1100	80.458333333		03/21/2010 11:00	92.589	1.30059	0.329	17.38	0.356	13.78	44.2996	104.6264888	104.680072	0.925913	104.638468	
2010	80	1200	80.500000000		03/21/2010 12:00	92.594	1.30066	0.329	17.38	0.356	13.76	44.2994	104.6265364	104.680120	0.925963	104.638518	
2010	80	1300	80.541666667		03/21/2010 13:00	92.882	1.30471	0.328	17.38	0.355	13.75	44.2904	104.6292796	104.682863	0.928843	104.641398	
2010	80	1400	80.583333333		03/21/2010 14:00	92.773	1.30317	0.328	17.38	0.355	13.72	44.2938	104.6282414	104.681825	0.927753	104.640308	
2010	80	1500	80.625000000		03/21/2010 15:00	92.751	1.30287	0.328	17.38	0.355	13.73	44.2945	104.6280318	104.681615	0.927533	104.640088	
2010	80	1600	80.666666667		03/21/2010 16:00	92.761	1.30301	0.328	17.38	0.355	13.71	44.2942	104.6281271	104.681710	0.927633	104.640188	
2010	80	1700	80.708333333		03/21/2010 17:00	92.913	1.30514	0.328	17.38	0.355	13.72	44.2895	104.6295749	104.683158	0.929153	104.641708	
2010	80	1800	80.750000000		03/21/2010 18:00	92.837	1.30407	0.328	17.38	0.355	13.54	44.2918	104.628851	104.682434	0.928393	104.640948	
2010	80	1900	80.791666667		03/21/2010 19:00	92.869	1.30452	0.328	17.38	0.355	13.44	44.2908	104.6291558	104.682739	0.928713	104.641268	
2010	80	2000	80.833333333		03/21/2010 20:00	92.862	1.30442	0.328	17.37	0.355	13.36	44.2910	104.6290891	104.682672	0.928643	104.641198	
2010	80	2100	80.875000000		03/21/2010 21:00	92.909	1.30508	0.328	17.39	0.355	13.3	44.2896	104.6295368	104.683120	0.929113	104.641668	
2010	80	2200	80.916666667		03/21/2010 22:00	92.927	1.30534	0.328	17.38	0.355	13.24	44.2890	104.6297082	104.683292	0.929293	104.641848	
2010	80	2300	80.958333333		03/21/2010 23:00	93.028	1.30676	0.328	17.38	0.355	13.19	44.2859	104.6306703	104.684254	0.930303	104.642859	
2010	80	2400	81.000000000		03/22/2010 0:00	93.08	1.30749	0.328	17.4	0.355	13.14	44.2842	104.6311656	104.684749	0.930823	104.643379	
2010	81	100	81.041666667		03/22/2010 1:00	93.105	1.30784	0.328	17.39	0.355	13.1	44.2835	104.6314037	104.684987	0.931073	104.643629	
2010	81	200	81.083333333		03/22/2010 2:00	93.225	1.30952	0.328	17.38	0.355	13.06	44.2797	104.6325467	104.686130	0.932273	104.644829	
2010	81	300	81.125000000		03/22/2010 3:00	93.224	1.30951	0.328	17.39	0.355	13.01	44.2797	104.6325372	104.686120	0.932263	104.644819	
2010	81	400	81.166666667		03/22/2010 4:00	93.189	1.30902	0.328	17.36	0.355	12.97	44.2808	104.6322038	104.685787	0.931913	104.644469	
2010	81	500	81.208333333		03/22/2010 5:00	93.323	1.31090	0.328	17.37	0.355	12.94	44.2766	104.6334802	104.687063	0.933253	104.645809	
2010	81	600	81.250000000		03/22/2010 6:00	93.346	1.31122	0.327	17.38	0.354	12.9	44.2759	104.6336992	104.687283	0.933483	104.646039	
2010	81	700	81.291666667		03/22/2010 7:00	93.332	1.31103	0.327	17.38	0.354	14.01	44.2764	104.6335659	104.687149	0.933343	104.645899	
2010	81	800	81.333333333		03/22/2010 8:00	93.297	1.31054	0.327	17.38	0.354	13.96	44.2775	104.6332325	104.686816	0.932993	104.645549	
2010	81	900	81.375000000		03/22/2010 9:00	93.353	1.31132	0.328	17.37	0.355	13.86	44.2757	104.6337659	104.687349	0.933553	104.646109	
2010	81	1000	81.416666667		03/22/2010 10:00	93.459	1.31281	0.327	17.37	0.354	13.78	44.2724	104.6347756	104.688359	0.934613	104.647169	
2010	81	1100	81.458333333		03/22/2010 11:00	93.461	1.31284	0.327	17.38	0.354	13.73	44.2723	104.6347946	104.688378	0.934633	104.647189	
2010	81	1200	81.500000000		03/22/2010 12:00	93.495	1.31332	0.327	17.38	0.354	13.72	44.2713	104.6351185	104.688702	0.934973	104.647529	
2010	81	1300	81.541666667		03/22/2010 13:00	93.564	1.31429	0.327	17.39	0.354	13.67	44.2691	104.6357757	104.689359	0.935663	104.648219	
2010	81	1400	81.583333333		03/22/2010 14:00	93.521	1.31368	0.327	17.39	0.354	13.64	44.2705	104.6353661	104.688949	0.935233	104.647789	
2010	81	1500	81.625000000		03/22/2010 15:00	93.514	1.31358	0.327	17.39	0.354	13.62	44.2707	104.6352995	104.688883	0.935163	104.647719	
2010	81	1600	81.666666667		03/22/2010 16:00	93.515	1.31360	0.327	17.39	0.354	13.65	44.2706	104.635309	104.688892	0.935173	104.647729	
2010	81	1700	81.708333333		03/22/2010 17:00	93.395	1.31191	0.327	17.38	0.354	13.69	44.2744	104.634166	104.687749	0.933973	104.646529	
2010	81	1800	81.750000000		03/22/2010 18:00	93.347	1.31124	0.327	17.37	0.354	13.55	44.2759	104.6337088	104.687292	0.933493	104.646049	
2010	81	1900	81.791666667		03/22/2010 19:00	93.2	1.30917	0.327	17.37	0.354	13.45	44.2805	104.6323086	104.685892	0.932023	104.644579	
2010	81	2000	81.833333333		03/22/2010 20:00	93.181	1.30891	0.327	17.38	0.354	13.38	44.2811	104.6321276	104.685711	0.931833	104.644389	
2010	81	2100	81.875000000		03/22/2010 21:00	92.971	1.30596	0.327	17.37	0.354	13.32	44.2876	104.6301274	104.683711	0.929733	104.642289	
2010	81	2200	81.916666667		03/22/2010 22:00	92.953	1.30570	0.327	17.37	0.354	13.26	44.2882	104.6299559	104.683539	0.929553	104.642108	
2010	81	2300	81.958333333		03/22/2010 23:00	92.834	1.30403	0.327	17.38	0.354	13.21	44.2919	104.6288224	104.682406	0.928363	104.640918	
2010	81	2400	82.000000000		03/23/2010 0:00	92.708	1.30226	0.327	17.38	0.354	13.16	44.2959	104.6276223	104.681206	0.927103	104.639658	