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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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	105.523763	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-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	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-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level 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	1334	24.565277778	01/24/2007 13:34	01/24/2007 12:34	76.546	1.1002		45.7520	105.518795	105.534945	0.789331	105.534945	Voltage reading taken during water-level measurement
2009	365	2400	366.000000000		01/01/2010 0:00	47.499	0.6943	12.89	46.7235	105.2226835	105.238833	0.498094	105.243708	
2010	1	100	1.041666667		01/01/2010 1:00	47.594	0.6956	12.84	46.7203	105.2236519	105.239802	0.499047	105.244661	
2010	1	200	1.083333333		01/01/2010 2:00	47.782	0.6982	12.78	46.7140	105.2255684	105.241718	0.500932	105.246546	
2010	1	300	1.125000000		01/01/2010 3:00	47.533	0.6947	12.73	46.7223	105.2230301	105.239180	0.498435	105.244049	
2010	1	400	1.166666667		01/01/2010 4:00	47.675	0.6967	12.68	46.7176	105.2244777	105.240627	0.499859	105.245473	
2010	1	500	1.208333333		01/01/2010 5:00	47.819	0.6987	12.63	46.7128	105.2259456	105.242095	0.501303	105.246917	
2010	1	600	1.250000000		01/01/2010 6:00	47.949	0.7006	12.59	46.7084	105.2272709	105.243421	0.502606	105.248220	
2010	1	700	1.291666667		01/01/2010 7:00	48.161	0.7035	12.55	46.7013	105.2294321	105.245582	0.504732	105.250346	
2010	1	800	1.333333333		01/01/2010 8:00	47.919	0.7001	12.52	46.7094	105.2269651	105.243115	0.502305	105.247919	
2010	1	900	1.375000000		01/01/2010 9:00	48.576	0.7093	12.85	46.6875	105.2336627	105.249812	0.508893	105.254507	
2010	1	1000	1.416666667		01/01/2010 10:00	47.162	0.6896	13.91	46.7348	105.219248	105.235398	0.494715	105.240329	
2010	1	1100	1.458333333		01/01/2010 11:00	48.618	0.7099	13.87	46.6861	105.2340908	105.250241	0.509314	105.254928	
2010	1	1200	1.500000000		01/01/2010 12:00	48.924	0.7142	13.85	46.6758	105.2372102	105.253360	0.512382	105.257996	
2010	1	1300	1.541666667		01/01/2010 13:00	48.752	0.7118	13.89	46.6816	105.2354568	105.251607	0.510657	105.256271	
2010	1	1400	1.583333333		01/01/2010 14:00	49.132	0.7171	13.88	46.6689	105.2393306	105.255480	0.514467	105.260081	
2010	1	1500	1.625000000		01/01/2010 15:00	49.576	0.7233	13.85	46.6540	105.2438569	105.260007	0.518919	105.264533	
2010	1	1600	1.666666667		01/01/2010 16:00	49.196	0.7180	13.85	46.6667	105.2399831	105.256133	0.515109	105.260723	
2010	1	1700	1.708333333		01/01/2010 17:00	49.541	0.7228	13.56	46.6552	105.2435001	105.259650	0.518568	105.264182	
2010	1	1800	1.750000000		01/01/2010 18:00	49.553	0.7230	13.44	46.6548	105.2436224	105.259772	0.518688	105.264302	
2010	1	1900	1.791666667		01/01/2010 19:00	49.42	0.7211	13.34	46.6592	105.2422666	105.258416	0.517355	105.262969	
2010	1	2000	1.833333333		01/01/2010 20:00	49.25	0.7187	13.25	46.6649	105.2405336	105.256683	0.515650	105.261264	
2010	1	2100	1.875000000		01/01/2010 21:00	49.125	0.7170	13.18	46.6691	105.2392593	105.255409	0.514397	105.260011	
2010	1	2200	1.916666667		01/01/2010 22:00	49.351	0.7201	13.11	46.6615	105.2415632	105.257713	0.516663	105.262277	
2010	1	2300	1.958333333		01/01/2010 23:00	48.865	0.7134	13.05	46.6778	105.2366088	105.252759	0.511790	105.257404	
2010	1	2400	2.000000000		01/02/2010 0:00	48.688	0.7109	12.98	46.6837	105.2348044	105.250954	0.510016	105.255630	
2010	2	100	2.041666667		01/02/2010 1:00	48.048	0.7019	12.91	46.7051	105.2282801	105.244430	0.503599	105.249213	
2010	2	200	2.083333333		01/02/2010 2:00	48.794	0.7124	12.86	46.6802	105.235885	105.252035	0.511078	105.256692	
2010	2	300	2.125000000		01/02/2010 3:00	48	0.7013	12.79	46.7067	105.2277908	105.243941	0.503117	105.248731	
2010	2	400	2.166666667		01/02/2010 4:00	47.811	0.6986	12.75	46.7130	105.2258641	105.242014	0.501222	105.246836	
2010	2	500	2.208333333		01/02/2010 5:00	47.575	0.6953	12.71	46.7209	105.2234582	105.239608	0.498856	105.244470	
2010	2	600	2.250000000		01/02/2010 6:00	47.351	0.6922	12.67	46.7284	105.2211747	105.237325	0.496610	105.242224	
2010	2	700	2.291666667		01/02/2010 7:00	47.008	0.6874	12.62	46.7399	105.2176781	105.233828	0.493171	105.238785	
2010	2	800	2.333333333		01/02/2010 8:00	46.748	0.6838	12.6	46.7486	105.2150276	105.231177	0.490564	105.236178	
2010	2	900	2.375000000		01/02/2010 9:00	46.416	0.6791	13.42	46.7597	105.2116431	105.227793	0.487236	105.232850	
2010	2	1000	2.416666667		01/02/2010 10:00	45.991	0.6732	13.72	46.7739	105.2073106	105.223460	0.482974	105.228588	
2010	2	1100	2.458333333		01/02/2010 11:00	45.857	0.6713	13.71	46.7784	105.2059446	105.222094	0.481631	105.227245	
2010	2	1200	2.500000000		01/02/2010 12:00	45.355	0.6643	13.69	46.7952	105.2008271	105.216977	0.476598	105.222212	
2010	2	1300	2.541666667		01/02/2010 13:00	45.386	0.6647	13.67	46.7941	105.2011431	105.217293	0.476908	105.222522	
2010	2	1400	2.583333333		01/02/2010 14:00	44.841	0.6571	13.67	46.8124	105.1955872	105.211737	0.471444	105.217058	
2010	2	1500	2.625000000		01/02/2010 15:00	44.514	0.6526	13.69	46.8233	105.1922537	105.208404	0.468165	105.213779	
2010	2	1600	2.666666667		01/02/2010 16:00	44.392	0.6508	13.62	46.8274	105.19101	105.207160	0.466942	105.212556	
2010	2	1700	2.708333333		01/02/2010 17:00	44.063	0.6462	13.42	46.8384	105.1876561	105.203806	0.463643	105.209257	
2010	2	1800	2.750000000		01/02/2010 18:00	43.84	0.6431	13.32	46.8459	105.1853828	105.201533	0.461408	105.207022	
2010	2	1900	2.791666667		01/02/2010 19:00	43.338	0.6361	13.23	46.8626	105.1802653	105.196415	0.456374	105.201988	
2010	2	2000	2.833333333		01/02/2010 20:00	43.183	0.6340	13.15	46.8678	105.1786852	105.194835	0.454820	105.200434	
2010	2	2100	2.875000000		01/02/2010 21:00	42.366	0.6225	13.08	46.8952	105.1703566	105.186506	0.446629	105.192243	
2010	2	2200	2.916666667		01/02/2010 22:00	42.342	0.6222	13.01	46.8960	105.1701119	105.186262	0.446388	105.192002	
2010	2	2300	2.958333333		01/02/2010 23:00	42.093	0.6187	12.96	46.9043	105.1675735	105.183723	0.443891	105.189505	
2010	2	2400	3.000000000		01/03/2010 0:00	41.721	0.6135	12.89	46.9167	105.1637813	105.179931	0.440162	105.185776	
2010	3	100	3.041666667		01/03/2010 1:00	41.709	0.6134	12.84	46.9171	105.163659	105.179809	0.440041	105.185655	
2010	3	200	3.083333333		01/03/2010 2:00	41.228	0.6066	12.77	46.9332	105.1587555	105.174905	0.435219	105.180833	
2010	3	300	3.125000000		01/03/2010 3:00	41.007	0.6035	12.72	46.9406	105.1565026	105.172652	0.433003	105.178617	
2010	3	400	3.166666667		01/03/2010 4:00	40.702	0.5993	12.66	46.9508	105.1533934	105.169543	0.429945	105.175559	
2010	3	500	3.208333333		01/03/2010 5:00	40.476	0.5961	12.63	46.9584	105.1510895	105.167239	0.427679	105.173293	
2010	3	600	3.250000000		01/03/2010 6:00	40.157	0.5917	12.58	46.9690	105.1478375	105.163987	0.424480	105.170094	
2010	3	700	3.291666667		01/03/2010 7:00	39.891	0.5879	12.55	46.9779	105.1451259	105.161276	0.421813	105.167427	
2010	3	800	3.333333333		01/03/2010 8:00	39.642	0.5845	12.57	46.9863	105.1425875	105.158737	0.419317	105.164931	
2010	3	900	3.375000000		01/03/2010 9:00	39.476	0.5821	13.93	46.9918	105.1408953	105.157045	0.417652	105.163266	
2010	3	1000	3.416666667		01/03/2010 10:00	38.951	0.5748	13.91	47.0094	105.1355433	105.151693	0.412389	105.158003	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1100	3.458333333		01/03/2010 11:00	38.69	0.5712	13.88	47.0181	105.1328826	105.149032	0.409772	105.155386	
2010	3	1200	3.500000000		01/03/2010 12:00	38.649	0.5706	13.85	47.0195	105.1324646	105.148614	0.409361	105.154975	
2010	3	1300	3.541666667		01/03/2010 13:00	38.247	0.5650	13.85	47.0329	105.1283666	105.144516	0.405330	105.150944	
2010	3	1400	3.583333333		01/03/2010 14:00	38.093	0.5628	13.83	47.0381	105.1267967	105.142946	0.403786	105.149400	
2010	3	1500	3.625000000		01/03/2010 15:00	37.786	0.5585	13.82	47.0483	105.123667	105.139817	0.400708	105.146322	
2010	3	1600	3.666666667		01/03/2010 16:00	37.596	0.5559	13.55	47.0547	105.1217301	105.137880	0.398803	105.144417	
2010	3	1700	3.708333333		01/03/2010 17:00	37.371	0.5527	13.42	47.0622	105.1194364	105.135586	0.396547	105.142161	
2010	3	1800	3.750000000		01/03/2010 18:00	37.088	0.5488	13.32	47.0717	105.1165515	105.132701	0.393709	105.139323	
2010	3	1900	3.791666667		01/03/2010 19:00	36.861	0.5456	13.25	47.0793	105.1142374	105.130387	0.391433	105.137047	
2010	3	2000	3.833333333		01/03/2010 20:00	36.648	0.5426	13.17	47.0864	105.112066	105.128216	0.389298	105.134912	
2010	3	2100	3.875000000		01/03/2010 21:00	36.4	0.5392	13.1	47.0947	105.1095378	105.125688	0.386811	105.132425	
2010	3	2200	3.916666667		01/03/2010 22:00	36.021	0.5339	13.04	47.1074	105.1056742	105.121824	0.383011	105.128625	
2010	3	2300	3.958333333		01/03/2010 23:00	36.021	0.5339	12.97	47.1074	105.1056742	105.121824	0.383011	105.128625	
2010	3	2400	4.000000000		01/04/2010 0:00	35.517	0.5268	12.91	47.1242	105.1005363	105.116686	0.377958	105.123572	
2010	4	100	4.041666667		01/04/2010 1:00	35.043	0.5202	12.85	47.1401	105.0957043	105.111854	0.373205	105.118819	
2010	4	200	4.083333333		01/04/2010 2:00	35.161	0.5218	12.8	47.1361	105.0969072	105.113057	0.374389	105.120003	
2010	4	300	4.125000000		01/04/2010 3:00	34.819	0.5171	12.74	47.1476	105.0934208	105.109571	0.370959	105.116573	
2010	4	400	4.166666667		01/04/2010 4:00	34.486	0.5124	12.69	47.1587	105.0900261	105.106176	0.367621	105.113235	
2010	4	500	4.208333333		01/04/2010 5:00	34.214	0.5086	12.65	47.1678	105.0872533	105.103403	0.364894	105.110508	
2010	4	600	4.250000000		01/04/2010 6:00	34.013	0.5058	12.61	47.1745	105.0852042	105.101354	0.362878	105.108492	
2010	4	700	4.291666667		01/04/2010 7:00	33.776	0.5025	12.57	47.1825	105.0827882	105.098938	0.360502	105.106116	
2010	4	800	4.333333333		01/04/2010 8:00	33.587	0.4998	12.55	47.1888	105.0808615	105.097011	0.358607	105.104221	
2010	4	900	4.375000000		01/04/2010 9:00	33.422	0.4975	12.63	47.1943	105.0791795	105.095329	0.356953	105.102567	
2010	4	1000	4.416666667		01/04/2010 10:00	33.138	0.4936	13.51	47.2038	105.0762843	105.092434	0.354105	105.099719	
2010	4	1100	4.458333333		01/04/2010 11:00	33.026	0.4920	13.87	47.2075	105.0751425	105.091292	0.352982	105.098596	
2010	4	1200	4.500000000		01/04/2010 12:00	32.812	0.4890	13.83	47.2147	105.072961	105.089111	0.350837	105.096451	
2010	4	1300	4.541666667		01/04/2010 13:00	32.576	0.4857	13.77	47.2226	105.0705551	105.086705	0.348470	105.094084	
2010	4	1400	4.583333333		01/04/2010 14:00	32.541	0.4852	13.6	47.2238	105.0701984	105.086348	0.348119	105.093733	
2010	4	1500	4.625000000		01/04/2010 15:00	32.162	0.4799	13.58	47.2364	105.0663347	105.082485	0.344319	105.089933	
2010	4	1600	4.666666667		01/04/2010 16:00	31.949	0.4770	13.45	47.2436	105.0641634	105.080313	0.342184	105.087798	
2010	4	1700	4.708333333		01/04/2010 17:00	31.925	0.4766	13.35	47.2444	105.0639187	105.080069	0.341943	105.087557	
2010	4	1800	4.750000000		01/04/2010 18:00	31.583	0.4718	13.27	47.2558	105.0604323	105.076582	0.338514	105.084128	
2010	4	1900	4.791666667		01/04/2010 19:00	31.397	0.4692	13.19	47.2620	105.0585362	105.074686	0.336649	105.082263	
2010	4	2000	4.833333333		01/04/2010 20:00	31.385	0.4691	13.12	47.2624	105.0584138	105.074564	0.336529	105.082143	
2010	4	2100	4.875000000		01/04/2010 21:00	31.208	0.4666	13.04	47.2683	105.0566095	105.072759	0.334754	105.080368	
2010	4	2200	4.916666667		01/04/2010 22:00	30.995	0.4636	12.99	47.2755	105.0544381	105.070588	0.332619	105.078233	
2010	4	2300	4.958333333		01/04/2010 23:00	30.722	0.4598	12.92	47.2846	105.0516551	105.067805	0.329881	105.075495	
2010	4	2400	5.000000000		01/05/2010 0:00	30.628	0.4585	12.86	47.2877	105.0506968	105.066847	0.328939	105.074553	
2010	5	100	5.041666667		01/05/2010 1:00	30.308	0.4540	12.81	47.2984	105.0474347	105.063584	0.325730	105.071344	
2010	5	200	5.083333333		01/05/2010 2:00	30.246	0.4532	12.76	47.3005	105.0468026	105.062952	0.325109	105.070723	
2010	5	300	5.125000000		01/05/2010 3:00	30.057	0.4505	12.7	47.3068	105.0448759	105.061026	0.323214	105.068828	
2010	5	400	5.166666667		01/05/2010 4:00	29.988	0.4495	12.66	47.3091	105.0441725	105.060322	0.322522	105.068136	
2010	5	500	5.208333333		01/05/2010 5:00	29.775	0.4466	12.63	47.3163	105.0420011	105.058151	0.320386	105.066000	
2010	5	600	5.250000000		01/05/2010 6:00	29.727	0.4459	12.59	47.3179	105.0415118	105.057662	0.319905	105.065519	
2010	5	700	5.291666667		01/05/2010 7:00	29.716	0.4457	12.56	47.3182	105.0413997	105.057550	0.319795	105.065409	
2010	5	800	5.333333333		01/05/2010 8:00	29.775	0.4466	12.54	47.3163	105.0420011	105.058151	0.320386	105.066000	
2010	5	900	5.375000000		01/05/2010 9:00	29.763	0.4464	12.56	47.3167	105.0418788	105.058029	0.320266	105.065880	
2010	5	1000	5.416666667		01/05/2010 10:00	29.917	0.4486	13.02	47.3115	105.0434487	105.059599	0.321810	105.067424	
2010	5	1100	5.458333333		01/05/2010 11:00	29.984	0.4495	13.86	47.3093	105.0441317	105.060282	0.322482	105.068096	
2010	5	1200	5.500000000		01/05/2010 12:00	30.233	0.4530	13.84	47.3010	105.0466701	105.062820	0.324978	105.070592	
2010	5	1300	5.541666667		01/05/2010 13:00	30.127	0.4515	13.82	47.3045	105.0455895	105.061739	0.323916	105.069530	
2010	5	1400	5.583333333		01/05/2010 14:00	30.347	0.4546	13.8	47.2971	105.0478322	105.063982	0.326121	105.071735	
2010	5	1500	5.625000000		01/05/2010 15:00	30.69	0.4594	13.79	47.2857	105.0513289	105.067479	0.329561	105.075175	
2010	5	1600	5.666666667		01/05/2010 16:00	30.738	0.4600	13.52	47.2841	105.0518182	105.067968	0.330042	105.075656	
2010	5	1700	5.708333333		01/05/2010 17:00	30.882	0.4620	13.4	47.2792	105.0532861	105.069436	0.331486	105.077100	
2010	5	1800	5.750000000		01/05/2010 18:00	31.05	0.4644	13.3	47.2736	105.0549988	105.071149	0.333170	105.078784	
2010	5	1900	5.791666667		01/05/2010 19:00	31.204	0.4665	13.21	47.2685	105.0565687	105.072719	0.334714	105.080328	
2010	5	2000	5.833333333		01/05/2010 20:00	31.275	0.4675	13.13	47.2661	105.0572925	105.073442	0.335426	105.081040	
2010	5	2100	5.875000000		01/05/2010 21:00	31.345	0.4685	13.06	47.2638	105.0580061	105.074156	0.336128	105.081742	
2010	5	2200	5.916666667		01/05/2010 22:00	31.369	0.4688	13	47.2630	105.0582507	105.074401	0.336368	105.081982	
2010	5	2300	5.958333333		01/05/2010 23:00	31.393	0.4692	12.94	47.2622	105.0584954	105.074645	0.336609	105.082223	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	2400	6.000000000		01/06/2010 0:00	31.369	0.4688	12.87	47.2630	105.0582507	105.074401	0.336368	105.081982	
2010	6	100	6.041666667		01/06/2010 1:00	31.274	0.4675	12.83	47.2661	105.0572823	105.073432	0.335416	105.081030	
2010	6	200	6.083333333		01/06/2010 2:00	31.203	0.4665	12.77	47.2685	105.0565585	105.072708	0.334704	105.080318	
2010	6	300	6.125000000		01/06/2010 3:00	31.203	0.4665	12.72	47.2685	105.0565585	105.072708	0.334704	105.080318	
2010	6	400	6.166666667		01/06/2010 4:00	31.168	0.4660	12.68	47.2697	105.0562017	105.072352	0.334353	105.079967	
2010	6	500	6.208333333		01/06/2010 5:00	31.191	0.4664	12.64	47.2689	105.0564362	105.072586	0.334584	105.080198	
2010	6	600	6.250000000		01/06/2010 6:00	31.299	0.4679	12.61	47.2653	105.0575371	105.073687	0.335667	105.081281	
2010	6	700	6.291666667		01/06/2010 7:00	31.326	0.4682	12.59	47.2644	105.0578124	105.073962	0.335937	105.081551	
2010	6	800	6.333333333		01/06/2010 8:00	31.302	0.4679	12.88	47.2652	105.0575677	105.073718	0.335697	105.081311	
2010	6	900	6.375000000		01/06/2010 9:00	31.42	0.4696	13.88	47.2613	105.0587706	105.074920	0.336880	105.082494	
2010	6	1000	6.416666667		01/06/2010 10:00	31.523	0.4710	13.85	47.2578	105.0598206	105.075970	0.337913	105.083527	
2010	6	1100	6.458333333		01/06/2010 11:00	31.473	0.4703	13.81	47.2595	105.0593109	105.075461	0.337411	105.083025	
2010	6	1200	6.500000000		01/06/2010 12:00	33.059	0.4925	13.79	47.2064	105.075479	105.091629	0.353313	105.098927	
2010	6	1300	6.541666667		01/06/2010 13:00	30.904	0.4623	13.79	47.2785	105.0535104	105.069660	0.331706	105.077320	
2010	6	1400	6.583333333		01/06/2010 14:00	31.787	0.4747	13.77	47.2490	105.0625119	105.078662	0.340559	105.086173	
2010	6	1500	6.625000000		01/06/2010 15:00	32.25	0.4812	13.78	47.2335	105.0672318	105.083382	0.345202	105.090816	
2010	6	1600	6.666666667		01/06/2010 16:00	31.913	0.4764	13.73	47.2448	105.0637964	105.079946	0.341823	105.087437	
2010	6	1700	6.708333333		01/06/2010 17:00	31.788	0.4747	13.51	47.2489	105.0625221	105.078672	0.340569	105.086184	
2010	6	1800	6.750000000		01/06/2010 18:00	31.764	0.4744	13.4	47.2497	105.0622774	105.078427	0.340329	105.085943	
2010	6	1900	6.791666667		01/06/2010 19:00	31.945	0.4769	13.31	47.2437	105.0641226	105.080272	0.342144	105.087758	
2010	6	2000	6.833333333		01/06/2010 20:00	31.945	0.4769	13.23	47.2437	105.0641226	105.080272	0.342144	105.087758	
2010	6	2100	6.875000000		01/06/2010 21:00	31.902	0.4763	13.16	47.2451	105.0636842	105.079834	0.341713	105.087327	
2010	6	2200	6.916666667		01/06/2010 22:00	32.056	0.4784	13.09	47.2400	105.0652542	105.081404	0.343257	105.088871	
2010	6	2300	6.958333333		01/06/2010 23:00	32.151	0.4798	13.03	47.2368	105.0662226	105.082372	0.344209	105.089823	
2010	6	2400	7.000000000		01/07/2010 0:00	32.174	0.4801	12.96	47.2360	105.0664571	105.082607	0.344440	105.090054	
2010	7	100	7.041666667		01/07/2010 1:00	32.602	0.4861	12.9	47.2217	105.0708202	105.086970	0.348731	105.094345	
2010	7	200	7.083333333		01/07/2010 2:00	32.676	0.4871	12.85	47.2192	105.0715746	105.087724	0.349473	105.095087	
2010	7	300	7.125000000		01/07/2010 3:00	32.807	0.4889	12.79	47.2149	105.07291	105.089060	0.350786	105.096400	
2010	7	400	7.166666667		01/07/2010 4:00	33.06	0.4925	12.73	47.2064	105.0754892	105.091639	0.353323	105.098937	
2010	7	500	7.208333333		01/07/2010 5:00	33.191	0.4943	12.68	47.2020	105.0768246	105.092974	0.354637	105.100251	
2010	7	600	7.250000000		01/07/2010 6:00	33.249	0.4951	12.63	47.2001	105.0774159	105.093566	0.355218	105.100832	
2010	7	700	7.291666667		01/07/2010 7:00	33.474	0.4983	12.59	47.1926	105.0797096	105.095859	0.357474	105.103088	
2010	7	800	7.333333333		01/07/2010 8:00	33.438	0.4978	12.55	47.1938	105.0793426	105.095492	0.357113	105.102727	
2010	7	900	7.375000000		01/07/2010 9:00	33.611	0.5002	13.55	47.1880	105.0811062	105.097256	0.358848	105.104462	
2010	7	1000	7.416666667		01/07/2010 10:00	33.536	0.4991	14	47.1905	105.0803416	105.096491	0.358096	105.103710	
2010	7	1100	7.458333333		01/07/2010 11:00	33.639	0.5006	13.96	47.1870	105.0813916	105.097541	0.359128	105.104742	
2010	7	1200	7.500000000		01/07/2010 12:00	33.899	0.5042	13.94	47.1783	105.0840421	105.100192	0.361735	105.107349	
2010	7	1300	7.541666667		01/07/2010 13:00	34.089	0.5069	13.93	47.1720	105.085979	105.102129	0.363640	105.109254	
2010	7	1400	7.583333333		01/07/2010 14:00	34.061	0.5065	13.92	47.1729	105.0856936	105.101843	0.363359	105.108973	
2010	7	1500	7.625000000		01/07/2010 15:00	34.297	0.5098	13.91	47.1650	105.0880994	105.104249	0.365726	105.111340	
2010	7	1600	7.666666667		01/07/2010 16:00	34.45	0.5119	13.72	47.1599	105.0896591	105.105809	0.367260	105.112874	
2010	7	1700	7.708333333		01/07/2010 17:00	34.5	0.5126	13.54	47.1582	105.0901688	105.106319	0.367761	105.113375	
2010	7	1800	7.750000000		01/07/2010 18:00	34.702	0.5154	13.43	47.1515	105.0922281	105.108378	0.369786	105.115400	
2010	7	1900	7.791666667		01/07/2010 19:00	34.714	0.5156	13.35	47.1511	105.0923504	105.108500	0.369907	105.115521	
2010	7	2000	7.833333333		01/07/2010 20:00	34.739	0.5159	13.26	47.1502	105.0926052	105.108755	0.370157	105.115771	
2010	7	2100	7.875000000		01/07/2010 21:00	34.823	0.5171	13.19	47.1474	105.0934616	105.109611	0.371000	105.116614	
2010	7	2200	7.916666667		01/07/2010 22:00	34.941	0.5188	13.13	47.1435	105.0946645	105.110814	0.372183	105.117797	
2010	7	2300	7.958333333		01/07/2010 23:00	34.78	0.5165	13.06	47.1489	105.0930232	105.109173	0.370568	105.116182	
2010	7	2400	8.000000000		01/08/2010 0:00	34.59	0.5139	13	47.1552	105.0910863	105.107236	0.368663	105.114277	
2010	8	100	8.041666667		01/08/2010 1:00	34.567	0.5135	12.93	47.1560	105.0908518	105.107002	0.368433	105.114047	
2010	8	200	8.083333333		01/08/2010 2:00	34.564	0.5135	12.87	47.1561	105.0908213	105.106971	0.368403	105.114017	
2010	8	300	8.125000000		01/08/2010 3:00	34.609	0.5141	12.82	47.1546	105.09128	105.107430	0.368854	105.114468	
2010	8	400	8.166666667		01/08/2010 4:00	34.609	0.5141	12.77	47.1546	105.09128	105.107430	0.368854	105.114468	
2010	8	500	8.208333333		01/08/2010 5:00	34.668	0.5150	12.71	47.1526	105.0918815	105.108031	0.369446	105.115060	
2010	8	600	8.250000000		01/08/2010 6:00	34.752	0.5161	12.67	47.1498	105.0927378	105.108888	0.370288	105.115902	
2010	8	700	8.291666667		01/08/2010 7:00	35.036	0.5201	12.63	47.1403	105.0956329	105.111783	0.373135	105.118749	
2010	8	800	8.333333333		01/08/2010 8:00	35.111	0.5211	12.65	47.1378	105.0963975	105.112547	0.373887	105.119501	
2010	8	900	8.375000000		01/08/2010 9:00	34.46	0.5120	13.99	47.1596	105.0897611	105.105911	0.367360	105.112974	
2010	8	1000	8.416666667		01/08/2010 10:00	35.613	0.5282	13.92	47.1210	105.101515	105.117665	0.378920	105.124534	
2010	8	1100	8.458333333		01/08/2010 11:00	36.074	0.5346	13.9	47.1056	105.1062145	105.122364	0.383543	105.129157	
2010	8	1200	8.500000000		01/08/2010 12:00	35.836	0.5313	13.88	47.1136	105.1037883	105.119938	0.381156	105.126770	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1300	8.541666667		01/08/2010 13:00	35.974	0.5332	13.86	47.1089	105.1051951	105.121345	0.382540	105.128154	
2010	8	1400	8.583333333		01/08/2010 14:00	36.033	0.5340	13.85	47.1070	105.1057966	105.121946	0.383132	105.128746	
2010	8	1500	8.625000000		01/08/2010 15:00	36.305	0.5378	13.85	47.0979	105.1085694	105.124719	0.385859	105.131473	
2010	8	1600	8.666666667		01/08/2010 16:00	36.399	0.5391	13.7	47.0947	105.1095276	105.125677	0.386801	105.132415	
2010	8	1700	8.708333333		01/08/2010 17:00	36.5	0.5406	13.52	47.0913	105.1105573	105.126707	0.387814	105.133428	
2010	8	1800	8.750000000		01/08/2010 18:00	36.322	0.5381	13.41	47.0973	105.1087427	105.124893	0.386029	105.131643	
2010	8	1900	8.791666667		01/08/2010 19:00	36.393	0.5391	13.33	47.0949	105.1094665	105.125616	0.386741	105.132355	
2010	8	2000	8.833333333		01/08/2010 20:00	36.44	0.5397	13.25	47.0934	105.1099456	105.126095	0.387212	105.132826	
2010	8	2100	8.875000000		01/08/2010 21:00	36.346	0.5384	13.18	47.0965	105.1089874	105.125137	0.386270	105.131884	
2010	8	2200	8.916666667		01/08/2010 22:00	36.322	0.5381	13.11	47.0973	105.1087427	105.124893	0.386029	105.131643	
2010	8	2300	8.958333333		01/08/2010 23:00	36.298	0.5377	13.05	47.0981	105.108498	105.124648	0.385789	105.131403	
2010	8	2400	9.000000000		01/09/2010 0:00	36.37	0.5387	12.97	47.0957	105.109232	105.125382	0.386510	105.132124	
2010	9	100	9.041666667		01/09/2010 1:00	36.323	0.5381	12.91	47.0973	105.1087529	105.124903	0.386039	105.131653	
2010	9	200	9.083333333		01/09/2010 2:00	36.44	0.5397	12.86	47.0934	105.1099456	105.126095	0.387212	105.132826	
2010	9	300	9.125000000		01/09/2010 3:00	36.573	0.5416	12.8	47.0889	105.1113014	105.127451	0.388546	105.134160	
2010	9	400	9.166666667		01/09/2010 4:00	36.844	0.5454	12.75	47.0798	105.1140641	105.130214	0.391263	105.136877	
2010	9	500	9.208333333		01/09/2010 5:00	36.855	0.5455	12.71	47.0795	105.1141762	105.130326	0.391373	105.136987	
2010	9	600	9.250000000		01/09/2010 6:00	37.176	0.5500	12.65	47.0687	105.1174486	105.133598	0.394592	105.140206	
2010	9	700	9.291666667		01/09/2010 7:00	37.437	0.5536	12.61	47.0600	105.1201092	105.136259	0.397209	105.142823	
2010	9	800	9.333333333		01/09/2010 8:00	37.556	0.5553	12.6	47.0560	105.1213224	105.137472	0.398402	105.144016	
2010	9	900	9.375000000		01/09/2010 9:00	37.497	0.5545	13.46	47.0580	105.1207209	105.136871	0.397810	105.143424	
2010	9	1000	9.416666667		01/09/2010 10:00	37.553	0.5553	13.9	47.0561	105.1212918	105.137442	0.398372	105.143986	
2010	9	1100	9.458333333		01/09/2010 11:00	37.696	0.5573	13.89	47.0513	105.1227496	105.138899	0.399805	105.145419	
2010	9	1200	9.500000000		01/09/2010 12:00	37.691	0.5572	13.85	47.0515	105.1226986	105.138848	0.399755	105.145369	
2010	9	1300	9.541666667		01/09/2010 13:00	37.963	0.5610	13.84	47.0424	105.1254714	105.141621	0.402482	105.148096	
2010	9	1400	9.583333333		01/09/2010 14:00	37.951	0.5608	13.83	47.0428	105.1253491	105.141499	0.402362	105.147976	
2010	9	1500	9.625000000		01/09/2010 15:00	37.821	0.5590	13.83	47.0472	105.1240238	105.140174	0.401059	105.146673	
2010	9	1600	9.666666667		01/09/2010 16:00	37.785	0.5585	13.63	47.0484	105.1236568	105.139807	0.400698	105.146312	
2010	9	1700	9.708333333		01/09/2010 17:00	37.607	0.5560	13.48	47.0543	105.1218423	105.137992	0.398913	105.144527	
2010	9	1800	9.750000000		01/09/2010 18:00	37.406	0.5532	13.38	47.0610	105.1197932	105.135943	0.396898	105.142512	
2010	9	1900	9.791666667		01/09/2010 19:00	37.359	0.5526	13.28	47.0626	105.1193141	105.135464	0.396427	105.142041	
2010	9	2000	9.833333333		01/09/2010 20:00	37.139	0.5495	13.21	47.0700	105.1170714	105.133221	0.394221	105.139835	
2010	9	2100	9.875000000		01/09/2010 21:00	36.878	0.5458	13.14	47.0787	105.1144107	105.130561	0.391604	105.137218	
2010	9	2200	9.916666667		01/09/2010 22:00	36.796	0.5447	13.07	47.0814	105.1135748	105.129725	0.390782	105.136396	
2010	9	2300	9.958333333		01/09/2010 23:00	36.641	0.5425	13.01	47.0866	105.1119947	105.128144	0.389228	105.134842	
2010	9	2400	10.000000000		01/10/2010 0:00	36.357	0.5386	12.95	47.0961	105.1090995	105.125249	0.386380	105.131994	
2010	10	100	10.041666667		01/10/2010 1:00	36.061	0.5344	12.88	47.1060	105.106082	105.122232	0.383412	105.129026	
2010	10	200	10.083333333		01/10/2010 2:00	35.742	0.5300	12.83	47.1167	105.10283	105.118980	0.380214	105.125828	
2010	10	300	10.125000000		01/10/2010 3:00	35.386	0.5250	12.78	47.1286	105.0992009	105.115351	0.376644	105.122258	
2010	10	400	10.166666667		01/10/2010 4:00	35.256	0.5232	12.72	47.1330	105.0978757	105.114025	0.375341	105.120955	
2010	10	500	10.208333333		01/10/2010 5:00	34.972	0.5192	12.68	47.1425	105.0949805	105.111130	0.372494	105.118108	
2010	10	600	10.250000000		01/10/2010 6:00	34.605	0.5141	12.63	47.1547	105.0912392	105.107389	0.368814	105.114428	
2010	10	700	10.291666667		01/10/2010 7:00	34.345	0.5104	12.6	47.1634	105.0885887	105.104739	0.366207	105.111821	
2010	10	800	10.333333333		01/10/2010 8:00	33.872	0.5038	12.57	47.1792	105.0837669	105.099917	0.361465	105.107079	
2010	10	900	10.375000000		01/10/2010 9:00	33.718	0.5017	12.71	47.1844	105.0821969	105.098347	0.359920	105.105534	
2010	10	1000	10.416666667		01/10/2010 10:00	33.457	0.4980	13.85	47.1931	105.0795363	105.095686	0.357304	105.102918	
2010	10	1100	10.458333333		01/10/2010 11:00	33.156	0.4938	13.85	47.2032	105.0764678	105.092618	0.354286	105.099900	
2010	10	1200	10.500000000		01/10/2010 12:00	32.825	0.4892	13.84	47.2143	105.0730935	105.089243	0.350967	105.096581	
2010	10	1300	10.541666667		01/10/2010 13:00	32.932	0.4907	13.83	47.2107	105.0741843	105.090334	0.352040	105.097654	
2010	10	1400	10.583333333		01/10/2010 14:00	32.542	0.4852	13.82	47.2237	105.0702085	105.086358	0.348129	105.093743	
2010	10	1500	10.625000000		01/10/2010 15:00	32.4	0.4833	13.73	47.2285	105.068761	105.084911	0.346706	105.092320	
2010	10	1600	10.666666667		01/10/2010 16:00	32.056	0.4784	13.52	47.2400	105.0652542	105.081404	0.343257	105.088871	
2010	10	1700	10.708333333		01/10/2010 17:00	31.842	0.4755	13.4	47.2471	105.0630726	105.079222	0.341111	105.086725	
2010	10	1800	10.750000000		01/10/2010 18:00	31.665	0.4730	13.3	47.2531	105.0612682	105.077418	0.339336	105.084950	
2010	10	1900	10.791666667		01/10/2010 19:00	31.333	0.4683	13.23	47.2642	105.0578837	105.074034	0.336007	105.081621	
2010	10	2000	10.833333333		01/10/2010 20:00	31.309	0.4680	13.15	47.2650	105.0576391	105.073789	0.335767	105.081381	
2010	10	2100	10.875000000		01/10/2010 21:00	30.981	0.4634	13.09	47.2759	105.0542954	105.070445	0.332478	105.078092	
2010	10	2200	10.916666667		01/10/2010 22:00	30.756	0.4603	13.02	47.2835	105.0520017	105.068151	0.330222	105.075836	
2010	10	2300	10.958333333		01/10/2010 23:00	30.616	0.4583	12.95	47.2881	105.0505745	105.066724	0.328819	105.074433	
2010	10	2400	11.000000000		01/11/2010 0:00	30.474	0.4563	12.89	47.2929	105.0491269	105.065277	0.327395	105.073009	
2010	11	100	11.041666667		01/11/2010 1:00	30.32	0.4542	12.84	47.2980	105.047557	105.063707	0.325851	105.071465	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	11	200	11.083333333		01/11/2010 2:00	30.142	0.4517	12.78	47.3040	105.0457424	105.061892	0.324066	105.069680	
2010	11	300	11.125000000		01/11/2010 3:00	29.941	0.4489	12.73	47.3107	105.0436934	105.059843	0.322051	105.067665	
2010	11	400	11.166666667		01/11/2010 4:00	29.751	0.4462	12.69	47.3171	105.0417565	105.057906	0.320146	105.065760	
2010	11	500	11.208333333		01/11/2010 5:00	29.775	0.4466	12.64	47.3163	105.0420011	105.058151	0.320386	105.066000	
2010	11	600	11.250000000		01/11/2010 6:00	29.905	0.4484	12.59	47.3119	105.0433264	105.059476	0.321690	105.067304	
2010	11	700	11.291666667		01/11/2010 7:00	29.929	0.4487	12.56	47.3111	105.0435711	105.059721	0.321930	105.067544	
2010	11	800	11.333333333		01/11/2010 8:00	29.846	0.4476	12.55	47.3139	105.0427249	105.058875	0.321098	105.066712	
2010	11	900	11.375000000		01/11/2010 9:00	29.775	0.4466	13.02	47.3163	105.0420011	105.058151	0.320386	105.066000	
2010	11	1000	11.416666667		01/11/2010 10:00	29.515	0.4429	13.87	47.3250	105.0393506	105.055500	0.317780	105.063394	
2010	11	1100	11.458333333		01/11/2010 11:00	29.806	0.4470	13.85	47.3152	105.0423172	105.058467	0.320697	105.066311	
2010	11	1200	11.500000000		01/11/2010 12:00	29.76	0.4464	13.83	47.3168	105.0418482	105.057998	0.320236	105.065850	
2010	11	1300	11.541666667		01/11/2010 13:00	29.403	0.4414	13.82	47.3287	105.0382089	105.054359	0.316657	105.062271	
2010	11	1400	11.583333333		01/11/2010 14:00	29.603	0.4442	13.8	47.3220	105.0402477	105.056398	0.318662	105.064276	
2010	11	1500	11.625000000		01/11/2010 15:00	29.471	0.4423	13.79	47.3264	105.0389021	105.055052	0.317338	105.062952	
2010	11	1600	11.666666667		01/11/2010 16:00	29.459	0.4422	13.61	47.3268	105.0387798	105.054930	0.317218	105.062832	
2010	11	1700	11.708333333		01/11/2010 17:00	29.332	0.4404	13.45	47.3311	105.0374851	105.053635	0.315945	105.061559	
2010	11	1800	11.750000000		01/11/2010 18:00	29.31	0.4401	13.34	47.3318	105.0372608	105.053411	0.315724	105.061338	
2010	11	1900	11.791666667		01/11/2010 19:00	29.262	0.4394	13.25	47.3334	105.0367715	105.052921	0.315243	105.060857	
2010	11	2000	11.833333333		01/11/2010 20:00	29.546	0.4434	13.18	47.3239	105.0396667	105.055816	0.318090	105.063704	
2010	11	2100	11.875000000		01/11/2010 21:00	29.439	0.4419	13.11	47.3275	105.0385759	105.054726	0.317018	105.062632	
2010	11	2200	11.916666667		01/11/2010 22:00	29.475	0.4424	13.04	47.3263	105.0389429	105.055093	0.317378	105.062992	
2010	11	2300	11.958333333		01/11/2010 23:00	29.715	0.4457	12.98	47.3183	105.0413895	105.057539	0.319785	105.065399	
2010	11	2400	12.000000000		01/12/2010 0:00	29.811	0.4471	12.91	47.3151	105.0423681	105.058518	0.320747	105.066361	
2010	12	100	12.041666667		01/12/2010 1:00	29.87	0.4479	12.86	47.3131	105.0429696	105.059119	0.321339	105.066953	
2010	12	200	12.083333333		01/12/2010 2:00	29.846	0.4476	12.79	47.3139	105.0427249	105.058875	0.321098	105.066712	
2010	12	300	12.125000000		01/12/2010 3:00	30.118	0.4514	12.74	47.3048	105.0454978	105.061648	0.323825	105.069439	
2010	12	400	12.166666667		01/12/2010 4:00	30.402	0.4553	12.7	47.2953	105.0483929	105.064543	0.326673	105.072287	
2010	12	500	12.208333333		01/12/2010 5:00	30.499	0.4567	12.65	47.2921	105.0493818	105.065532	0.327645	105.073259	
2010	12	600	12.250000000		01/12/2010 6:00	30.71	0.4596	12.61	47.2850	105.0515327	105.067683	0.329761	105.075375	
2010	12	700	12.291666667		01/12/2010 7:00	30.947	0.4629	12.58	47.2771	105.0539488	105.070099	0.332137	105.077751	
2010	12	800	12.333333333		01/12/2010 8:00	31.303	0.4679	12.55	47.2652	105.0575779	105.073728	0.335707	105.081321	
2010	12	900	12.375000000		01/12/2010 9:00	31.582	0.4718	13.06	47.2558	105.0604221	105.076572	0.338504	105.084118	
2010	12	1000	12.416666667		01/12/2010 10:00	31.606	0.4722	13.83	47.2550	105.0606668	105.076817	0.338745	105.084359	
2010	12	1100	12.458333333		01/12/2010 11:00	31.722	0.4738	13.8	47.2512	105.0618493	105.077999	0.339908	105.085522	
2010	12	1200	12.500000000		01/12/2010 12:00	32.074	0.4787	13.78	47.2394	105.0654377	105.081587	0.343437	105.089051	
2010	12	1300	12.541666667		01/12/2010 13:00	31.575	0.4717	13.73	47.2561	105.0603507	105.076501	0.338434	105.084048	
2010	12	1400	12.583333333		01/12/2010 14:00	32.222	0.4808	13.72	47.2344	105.0669464	105.083096	0.344921	105.090535	
2010	12	1500	12.625000000		01/12/2010 15:00	31.859	0.4757	13.73	47.2466	105.0632459	105.079396	0.341281	105.086895	
2010	12	1600	12.666666667		01/12/2010 16:00	32.226	0.4808	13.63	47.2343	105.0669872	105.083137	0.344961	105.090575	
2010	12	1700	12.708333333		01/12/2010 17:00	32.403	0.4833	13.5	47.2284	105.0687915	105.084941	0.346736	105.092350	
2010	12	1800	12.750000000		01/12/2010 18:00	32.596	0.4860	13.36	47.2219	105.070759	105.086909	0.348671	105.094285	
2010	12	1900	12.791666667		01/12/2010 19:00	32.387	0.4831	13.26	47.2289	105.0686284	105.084778	0.346575	105.092189	
2010	12	2000	12.833333333		01/12/2010 20:00	32.552	0.4854	13.18	47.2234	105.0703105	105.086460	0.348230	105.093844	
2010	12	2100	12.875000000		01/12/2010 21:00	32.766	0.4884	13.12	47.2162	105.0724921	105.088642	0.350375	105.095989	
2010	12	2200	12.916666667		01/12/2010 22:00	33.015	0.4918	13.05	47.2079	105.0750304	105.091180	0.352872	105.098486	
2010	12	2300	12.958333333		01/12/2010 23:00	33.132	0.4935	12.98	47.2040	105.0762231	105.092373	0.354045	105.099659	
2010	12	2400	13.000000000		01/13/2010 0:00	33.362	0.4967	12.91	47.1963	105.0785678	105.094718	0.356351	105.101965	
2010	13	100	13.041666667		01/13/2010 1:00	33.349	0.4965	12.87	47.1967	105.0784353	105.094585	0.356221	105.101835	
2010	13	200	13.083333333		01/13/2010 2:00	33.658	0.5008	12.81	47.1864	105.0815853	105.097735	0.359319	105.104933	
2010	13	300	13.125000000		01/13/2010 3:00	33.89	0.5041	12.76	47.1786	105.0839504	105.100100	0.361645	105.107259	
2010	13	400	13.166666667		01/13/2010 4:00	34.103	0.5071	12.7	47.1715	105.0861217	105.102272	0.363781	105.109395	
2010	13	500	13.208333333		01/13/2010 5:00	34.506	0.5127	12.66	47.1580	105.09023	105.106380	0.367821	105.113435	
2010	13	600	13.250000000		01/13/2010 6:00	34.767	0.5163	12.62	47.1493	105.0928907	105.109041	0.370438	105.116052	
2010	13	700	13.291666667		01/13/2010 7:00	35.051	0.5203	12.6	47.1398	105.0957858	105.111936	0.373286	105.118900	
2010	13	800	13.333333333		01/13/2010 8:00	35.264	0.5233	12.57	47.1327	105.0979572	105.114107	0.375421	105.121035	
2010	13	900	13.375000000		01/13/2010 9:00	35.442	0.5258	12.72	47.1267	105.0997718	105.115922	0.377206	105.122820	
2010	13	1000	13.416666667		01/13/2010 10:00	35.558	0.5274	13.79	47.1229	105.1009543	105.117104	0.378369	105.123983	
2010	13	1100	13.458333333		01/13/2010 11:00	35.709	0.5295	13.8	47.1178	105.1024936	105.118643	0.379883	105.125497	
2010	13	1200	13.500000000		01/13/2010 12:00	35.839	0.5313	13.78	47.1135	105.1038189	105.119969	0.381186	105.126800	
2010	13	1300	13.541666667		01/13/2010 13:00	35.716	0.5296	13.76	47.1176	105.102565	105.118715	0.379953	105.125567	
2010	13	1400	13.583333333		01/13/2010 14:00	35.717	0.5296	13.73	47.1175	105.1025752	105.118725	0.379963	105.125577	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1500	13.625000000		01/13/2010 15:00	36.167	0.5359	13.72	47.1025	105.1071626	105.123312	0.384475	105.130089	
2010	13	1600	13.666666667		01/13/2010 16:00	35.942	0.5328	13.62	47.1100	105.1048689	105.121019	0.382219	105.127833	
2010	13	1700	13.708333333		01/13/2010 17:00	35.799	0.5308	13.49	47.1148	105.1034111	105.119561	0.380785	105.126399	
2010	13	1800	13.750000000		01/13/2010 18:00	35.871	0.5318	13.37	47.1124	105.1041451	105.120295	0.381507	105.127121	
2010	13	1900	13.791666667		01/13/2010 19:00	35.54	0.5271	13.27	47.1235	105.1007708	105.116921	0.378189	105.123803	
2010	13	2000	13.833333333		01/13/2010 20:00	36.123	0.5353	13.18	47.1040	105.106714	105.122864	0.384034	105.129648	
2010	13	2100	13.875000000		01/13/2010 21:00	36.215	0.5366	13.1	47.1009	105.1076519	105.123802	0.384956	105.130570	
2010	13	2200	13.916666667		01/13/2010 22:00	36.061	0.5344	13.03	47.1060	105.106082	105.122232	0.383412	105.129026	
2010	13	2300	13.958333333		01/13/2010 23:00	35.896	0.5321	12.97	47.1115	105.1044	105.120550	0.381758	105.127372	
2010	13	2400	14.000000000		01/14/2010 0:00	36.096	0.5349	12.9	47.1049	105.1064388	105.122589	0.383763	105.129377	
2010	14	100	14.041666667		01/14/2010 1:00	36.356	0.5385	12.84	47.0962	105.1090893	105.125239	0.386370	105.131984	
2010	14	200	14.083333333		01/14/2010 2:00	36.296	0.5377	12.79	47.0982	105.1084776	105.124627	0.385768	105.131382	
2010	14	300	14.125000000		01/14/2010 3:00	36.331	0.5382	12.73	47.0970	105.1088344	105.124984	0.386119	105.131733	
2010	14	400	14.166666667		01/14/2010 4:00	36.312	0.5379	12.68	47.0976	105.1086408	105.124791	0.385929	105.131543	
2010	14	500	14.208333333		01/14/2010 5:00	36.088	0.5348	12.64	47.1051	105.1063572	105.122507	0.383683	105.129297	
2010	14	600	14.250000000		01/14/2010 6:00	36.656	0.5427	12.61	47.0861	105.1121476	105.128297	0.389378	105.134992	
2010	14	700	14.291666667		01/14/2010 7:00	36.787	0.5446	12.59	47.0817	105.113483	105.129633	0.390691	105.136305	
2010	14	800	14.333333333		01/14/2010 8:00	36.372	0.5388	13.78	47.0956	105.1092524	105.125402	0.386530	105.132144	
2010	14	900	14.375000000		01/14/2010 9:00	36.486	0.5404	13.76	47.0918	105.1104145	105.126564	0.387673	105.133287	
2010	14	1000	14.416666667		01/14/2010 10:00	35.765	0.5303	13.73	47.1159	105.1030645	105.119214	0.380444	105.126058	
2010	14	1100	14.458333333		01/14/2010 11:00	36.146	0.5356	13.67	47.1032	105.1069485	105.123098	0.384265	105.129879	
2010	14	1200	14.500000000		01/14/2010 12:00	36.501	0.5406	13.63	47.0913	105.1105675	105.126717	0.387824	105.133438	
2010	14	1300	14.541666667		01/14/2010 13:00	36.862	0.5456	13.61	47.0792	105.1142476	105.130397	0.391443	105.137057	
2010	14	1400	14.583333333		01/14/2010 14:00	36.359	0.5386	13.61	47.0961	105.1091199	105.125270	0.386400	105.132014	
2010	14	1500	14.625000000		01/14/2010 15:00	36.394	0.5391	13.61	47.0949	105.1094767	105.125627	0.386751	105.132365	
2010	14	1600	14.666666667		01/14/2010 16:00	36.251	0.5371	13.44	47.0997	105.1080189	105.124169	0.385317	105.130931	
2010	14	1700	14.708333333		01/14/2010 17:00	35.896	0.5321	13.3	47.1115	105.1044	105.120550	0.381758	105.127372	
2010	14	1800	14.750000000		01/14/2010 18:00	35.901	0.5322	13.2	47.1114	105.1044509	105.120601	0.381808	105.127422	
2010	14	1900	14.791666667		01/14/2010 19:00	35.701	0.5294	13.12	47.1181	105.1024121	105.118562	0.379803	105.125417	
2010	14	2000	14.833333333		01/14/2010 20:00	35.433	0.5256	13.05	47.1270	105.09968	105.115830	0.377116	105.122730	
2010	14	2100	14.875000000		01/14/2010 21:00	35.386	0.5250	12.98	47.1286	105.0992009	105.115351	0.376644	105.122258	
2010	14	2200	14.916666667		01/14/2010 22:00	35.126	0.5214	12.92	47.1373	105.0965504	105.112700	0.374038	105.119652	
2010	14	2300	14.958333333		01/14/2010 23:00	34.888	0.5180	12.86	47.1453	105.0941242	105.110274	0.371651	105.117265	
2010	14	2400	15.000000000		01/15/2010 0:00	34.793	0.5167	12.8	47.1484	105.0931557	105.109306	0.370699	105.116313	
2010	15	100	15.041666667		01/15/2010 1:00	34.569	0.5136	12.74	47.1559	105.0908722	105.107022	0.368453	105.114067	
2010	15	200	15.083333333		01/15/2010 2:00	34.323	0.5101	12.7	47.1642	105.0883645	105.104514	0.365986	105.111600	
2010	15	300	15.125000000		01/15/2010 3:00	34.264	0.5093	12.65	47.1661	105.087763	105.103913	0.365395	105.111009	
2010	15	400	15.166666667		01/15/2010 4:00	34.104	0.5071	12.62	47.1715	105.0861319	105.102282	0.363791	105.109405	
2010	15	500	15.208333333		01/15/2010 5:00	33.939	0.5048	12.59	47.1770	105.0844499	105.100600	0.362136	105.107750	
2010	15	600	15.250000000		01/15/2010 6:00	33.808	0.5029	12.57	47.1814	105.0831144	105.099264	0.360823	105.106437	
2010	15	700	15.291666667		01/15/2010 7:00	33.63	0.5004	12.55	47.1873	105.0812999	105.097450	0.359038	105.104652	
2010	15	800	15.333333333		01/15/2010 8:00	33.263	0.4953	12.53	47.1996	105.0775586	105.093708	0.355358	105.100972	
2010	15	900	15.375000000		01/15/2010 9:00	33.418	0.4975	12.57	47.1944	105.0791387	105.095289	0.356913	105.102527	
2010	15	1000	15.416666667		01/15/2010 10:00	33.004	0.4917	13.68	47.2083	105.0749183	105.091068	0.352762	105.098376	
2010	15	1100	15.458333333		01/15/2010 11:00	32.911	0.4904	13.72	47.2114	105.0739702	105.090120	0.351829	105.097443	
2010	15	1200	15.500000000		01/15/2010 12:00	32.725	0.4878	13.68	47.2176	105.0720741	105.088224	0.349964	105.095578	
2010	15	1300	15.541666667		01/15/2010 13:00	32.702	0.4875	13.64	47.2184	105.0718396	105.087989	0.349734	105.095348	
2010	15	1400	15.583333333		01/15/2010 14:00	32.608	0.4862	13.62	47.2215	105.0708814	105.087031	0.348791	105.094405	
2010	15	1500	15.625000000		01/15/2010 15:00	32.514	0.4848	13.53	47.2247	105.0699231	105.086073	0.347849	105.093463	
2010	15	1600	15.666666667		01/15/2010 16:00	32.832	0.4893	13.39	47.2140	105.0731649	105.089315	0.351037	105.096651	
2010	15	1700	15.708333333		01/15/2010 17:00	32.228	0.4809	13.27	47.2342	105.0670076	105.083157	0.344981	105.090595	
2010	15	1800	15.750000000		01/15/2010 18:00	31.732	0.4739	13.17	47.2508	105.0619512	105.078101	0.340008	105.085622	
2010	15	1900	15.791666667		01/15/2010 19:00	31.908	0.4764	13.1	47.2449	105.0637454	105.079895	0.341773	105.087387	
2010	15	2000	15.833333333		01/15/2010 20:00	31.932	0.4767	13.02	47.2441	105.0639901	105.080140	0.342013	105.087627	
2010	15	2100	15.875000000		01/15/2010 21:00	31.838	0.4754	12.96	47.2473	105.0630318	105.079182	0.341071	105.086685	
2010	15	2200	15.916666667		01/15/2010 22:00	31.649	0.4728	12.89	47.2536	105.0611051	105.077255	0.339176	105.084790	
2010	15	2300	15.958333333		01/15/2010 23:00	31.63	0.4725	12.84	47.2542	105.0609114	105.077061	0.338985	105.084599	
2010	15	2400	16.000000000		01/16/2010 0:00	31.61	0.4722	12.77	47.2549	105.0607075	105.076857	0.338785	105.084399	
2010	16	100	16.041666667		01/16/2010 1:00	31.397	0.4692	12.73	47.2620	105.0585362	105.074686	0.336649	105.082263	
2010	16	200	16.083333333		01/16/2010 2:00	31.385	0.4691	12.69	47.2624	105.0584138	105.074564	0.336529	105.082143	
2010	16	300	16.125000000		01/16/2010 3:00	31.184	0.4663	12.65	47.2691	105.0563648	105.072515	0.334514	105.080128	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	16	400	16.166666667		01/16/2010 4:00	31.042	0.4643	12.63	47.2739	105.0549172	105.071067	0.333090	105.078704	
2010	16	500	16.208333333		01/16/2010 5:00	30.971	0.4633	12.62	47.2763	105.0541934	105.070343	0.332378	105.077992	
2010	16	600	16.250000000		01/16/2010 6:00	30.852	0.4616	12.59	47.2802	105.0529803	105.069130	0.331185	105.076799	
2010	16	700	16.291666667		01/16/2010 7:00	30.756	0.4603	12.57	47.2835	105.0520017	105.068151	0.330222	105.075836	
2010	16	800	16.333333333		01/16/2010 8:00	30.605	0.4582	12.57	47.2885	105.0504623	105.066612	0.328708	105.074322	
2010	16	900	16.375000000		01/16/2010 9:00	30.355	0.4547	13.01	47.2969	105.0479138	105.064064	0.326202	105.071816	
2010	16	1000	16.416666667		01/16/2010 10:00	30.154	0.4519	13.74	47.3036	105.0458647	105.062015	0.324186	105.069800	
2010	16	1100	16.458333333		01/16/2010 11:00	30.249	0.4532	13.72	47.3004	105.0468332	105.062983	0.325139	105.070753	
2010	16	1200	16.500000000		01/16/2010 12:00	30.058	0.4505	13.7	47.3068	105.0448861	105.061036	0.323224	105.068838	
2010	16	1300	16.541666667		01/16/2010 13:00	29.795	0.4468	13.7	47.3156	105.042205	105.058355	0.320587	105.066201	
2010	16	1400	16.583333333		01/16/2010 14:00	29.901	0.4483	13.69	47.3121	105.0432856	105.059435	0.321650	105.067264	
2010	16	1500	16.625000000		01/16/2010 15:00	29.724	0.4459	13.69	47.3180	105.0414812	105.057631	0.319875	105.065489	
2010	16	1600	16.666666667		01/16/2010 16:00	29.573	0.4437	13.52	47.3230	105.0399419	105.056092	0.318361	105.063975	
2010	16	1700	16.708333333		01/16/2010 17:00	29.456	0.4421	13.37	47.3269	105.0387492	105.054899	0.317188	105.062802	
2010	16	1800	16.750000000		01/16/2010 18:00	29.29	0.4398	13.25	47.3325	105.0370569	105.053207	0.315524	105.061138	
2010	16	1900	16.791666667		01/16/2010 19:00	29.089	0.4370	13.18	47.3392	105.0350079	105.051158	0.313508	105.059122	
2010	16	2000	16.833333333		01/16/2010 20:00	29.053	0.4365	13.1	47.3404	105.0346409	105.050791	0.313147	105.058761	
2010	16	2100	16.875000000		01/16/2010 21:00	28.828	0.4333	13.03	47.3479	105.0323472	105.048497	0.310891	105.056505	
2010	16	2200	16.916666667		01/16/2010 22:00	28.618	0.4304	12.97	47.3550	105.0302064	105.046356	0.308786	105.054400	
2010	16	2300	16.958333333		01/16/2010 23:00	28.465	0.4283	12.9	47.3601	105.0286467	105.044797	0.307252	105.052866	
2010	16	2400	17.000000000		01/17/2010 0:00	28.382	0.4271	12.84	47.3629	105.0278006	105.043950	0.306420	105.052034	
2010	17	100	17.041666667		01/17/2010 1:00	28.252	0.4253	12.78	47.3672	105.0264753	105.042625	0.305116	105.050730	
2010	17	200	17.083333333		01/17/2010 2:00	28.016	0.4220	12.74	47.3751	105.0240695	105.040219	0.302750	105.048364	
2010	17	300	17.125000000		01/17/2010 3:00	27.839	0.4195	12.69	47.3810	105.0222651	105.038415	0.300975	105.046589	
2010	17	400	17.166666667		01/17/2010 4:00	27.674	0.4172	12.65	47.3865	105.0205831	105.036733	0.299321	105.044935	
2010	17	500	17.208333333		01/17/2010 5:00	27.638	0.4167	12.62	47.3877	105.0202161	105.036366	0.298960	105.044574	
2010	17	600	17.250000000		01/17/2010 6:00	27.436	0.4139	12.62	47.3945	105.0181569	105.034307	0.296935	105.042549	
2010	17	700	17.291666667		01/17/2010 7:00	27.366	0.4129	12.61	47.3968	105.0174433	105.033593	0.296233	105.041847	
2010	17	800	17.333333333		01/17/2010 8:00	27.223	0.4109	12.59	47.4016	105.0159855	105.032135	0.294799	105.040413	
2010	17	900	17.375000000		01/17/2010 9:00	27.139	0.4097	13.15	47.4044	105.0151292	105.031279	0.293957	105.039571	
2010	17	1000	17.416666667		01/17/2010 10:00	27.223	0.4109	13.78	47.4016	105.0159855	105.032135	0.294799	105.040413	
2010	17	1100	17.458333333		01/17/2010 11:00	27.135	0.4097	13.77	47.4046	105.0150884	105.031238	0.293917	105.039531	
2010	17	1200	17.500000000		01/17/2010 12:00	26.887	0.4062	13.76	47.4129	105.0125602	105.028710	0.291430	105.037044	
2010	17	1300	17.541666667		01/17/2010 13:00	27.101	0.4092	13.74	47.4057	105.0147418	105.030892	0.293576	105.039190	
2010	17	1400	17.583333333		01/17/2010 14:00	26.817	0.4052	13.74	47.4152	105.0118466	105.027996	0.290728	105.036342	
2010	17	1500	17.625000000		01/17/2010 15:00	26.876	0.4061	13.74	47.4132	105.0124481	105.028598	0.291320	105.036934	
2010	17	1600	17.666666667		01/17/2010 16:00	26.805	0.4051	13.54	47.4156	105.0117243	105.027874	0.290608	105.036222	
2010	17	1700	17.708333333		01/17/2010 17:00	26.651	0.4029	13.38	47.4208	105.0101544	105.026304	0.289064	105.034678	
2010	17	1800	17.750000000		01/17/2010 18:00	26.555	0.4016	13.29	47.4240	105.0091758	105.025326	0.288101	105.033715	
2010	17	1900	17.791666667		01/17/2010 19:00	26.366	0.3989	13.19	47.4303	105.007249	105.023399	0.286206	105.031820	
2010	17	2000	17.833333333		01/17/2010 20:00	26.178	0.3963	13.12	47.4366	105.0053325	105.021482	0.284321	105.029935	
2010	17	2100	17.875000000		01/17/2010 21:00	26.122	0.3955	13.04	47.4384	105.0047617	105.020911	0.283760	105.029374	
2010	17	2200	17.916666667		01/17/2010 22:00	25.968	0.3934	12.99	47.4436	105.0031917	105.019342	0.282216	105.027830	
2010	17	2300	17.958333333		01/17/2010 23:00	25.933	0.3929	12.93	47.4448	105.002835	105.018985	0.281865	105.027479	
2010	17	2400	18.000000000		01/18/2010 0:00	25.759	0.3904	12.86	47.4506	105.0010612	105.017211	0.280120	105.025734	
2010	18	100	18.041666667		01/18/2010 1:00	25.498	0.3868	12.79	47.4593	104.9984005	105.014550	0.277503	105.023117	
2010	18	200	18.083333333		01/18/2010 2:00	25.308	0.3841	12.75	47.4657	104.9964636	105.012613	0.275598	105.021212	
2010	18	300	18.125000000		01/18/2010 3:00	25.32	0.3843	12.7	47.4653	104.9965859	105.012736	0.275719	105.021333	
2010	18	400	18.166666667		01/18/2010 4:00	25.213	0.3828	12.66	47.4688	104.9954951	105.011645	0.274646	105.020260	
2010	18	500	18.208333333		01/18/2010 5:00	25.063	0.3807	12.62	47.4739	104.993966	105.010116	0.273142	105.018756	
2010	18	600	18.250000000		01/18/2010 6:00	24.814	0.3772	12.59	47.4822	104.9914276	105.007577	0.270645	105.016259	
2010	18	700	18.291666667		01/18/2010 7:00	24.685	0.3754	12.57	47.4865	104.9901126	105.006262	0.269352	105.014966	
2010	18	800	18.333333333		01/18/2010 8:00	24.711	0.3758	12.71	47.4856	104.9903776	105.006527	0.269613	105.015227	
2010	18	900	18.375000000		01/18/2010 9:00	23.939	0.3650	13.89	47.5115	104.9825077	104.998658	0.261872	105.007486	
2010	18	1000	18.416666667		01/18/2010 10:00	23.947	0.3651	13.81	47.5112	104.9825892	104.998739	0.261953	105.007567	
2010	18	1100	18.458333333		01/18/2010 11:00	23.526	0.3592	13.74	47.5253	104.9782975	104.994447	0.257731	105.003345	
2010	18	1200	18.500000000		01/18/2010 12:00	23.496	0.3588	13.69	47.5263	104.9779916	104.994141	0.257431	105.003045	
2010	18	1300	18.541666667		01/18/2010 13:00	23.243	0.3553	13.62	47.5347	104.9754125	104.991562	0.254894	105.000508	
2010	18	1400	18.583333333		01/18/2010 14:00	23.514	0.3591	13.58	47.5257	104.9781751	104.994325	0.257611	105.003225	
2010	18	1500	18.625000000		01/18/2010 15:00	23.631	0.3607	13.59	47.5218	104.9793679	104.995518	0.258784	105.004398	
2010	18	1600	18.666666667		01/18/2010 16:00	23.603	0.3603	13.61	47.5227	104.9790824	104.995232	0.258503	105.004117	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1700	18.708333333		01/18/2010 17:00	23.419	0.3577	13.39	47.5288	104.9772067	104.993357	0.256659	105.002273	
2010	18	1800	18.750000000		01/18/2010 18:00	23.325	0.3564	13.27	47.5320	104.9762484	104.992398	0.255716	105.001330	
2010	18	1900	18.791666667		01/18/2010 19:00	22.946	0.3511	13.18	47.5447	104.9723848	104.988535	0.251916	104.997530	
2010	18	2000	18.833333333		01/18/2010 20:00	22.959	0.3513	13.11	47.5442	104.9725173	104.988667	0.252046	104.997660	
2010	18	2100	18.875000000		01/18/2010 21:00	22.7	0.3477	13.04	47.5529	104.969877	104.986027	0.249450	104.995064	
2010	18	2200	18.916666667		01/18/2010 22:00	22.737	0.3482	12.97	47.5517	104.9702542	104.986404	0.249821	104.995435	
2010	18	2300	18.958333333		01/18/2010 23:00	22.582	0.3460	12.91	47.5568	104.9686741	104.984824	0.248267	104.993881	
2010	18	2400	19.000000000		01/19/2010 0:00	22.453	0.3442	12.85	47.5612	104.9673591	104.983509	0.246973	104.992587	
2010	19	100	19.041666667		01/19/2010 1:00	22.31	0.3422	12.79	47.5659	104.9659013	104.982051	0.245539	104.991153	
2010	19	200	19.083333333		01/19/2010 2:00	22.121	0.3396	12.74	47.5723	104.9639746	104.980124	0.243644	104.989258	
2010	19	300	19.125000000		01/19/2010 3:00	21.943	0.3371	12.69	47.5782	104.96216	104.978310	0.241860	104.987474	
2010	19	400	19.166666667		01/19/2010 4:00	21.852	0.3358	12.66	47.5813	104.9612323	104.977382	0.240947	104.986561	
2010	19	500	19.208333333		01/19/2010 5:00	21.768	0.3347	12.62	47.5841	104.960376	104.976526	0.240105	104.985719	
2010	19	600	19.250000000		01/19/2010 6:00	21.594	0.3322	12.59	47.5899	104.9586022	104.974752	0.238360	104.983974	
2010	19	700	19.291666667		01/19/2010 7:00	21.383	0.3293	12.57	47.5969	104.9564513	104.972601	0.236245	104.981859	
2010	19	800	19.333333333		01/19/2010 8:00	20.804	0.3212	13.91	47.6163	104.9505488	104.966699	0.230440	104.976054	
2010	19	900	19.375000000		01/19/2010 9:00	20.848	0.3218	13.89	47.6148	104.9509973	104.967147	0.230881	104.976495	
2010	19	1000	19.416666667		01/19/2010 10:00	20.633	0.3188	13.83	47.6220	104.9488056	104.964955	0.228725	104.974339	
2010	19	1100	19.458333333		01/19/2010 11:00	20.65	0.3190	13.78	47.6215	104.9489789	104.965129	0.228896	104.974510	
2010	19	1200	19.500000000		01/19/2010 12:00	20.533	0.3174	13.74	47.6254	104.9477862	104.963936	0.227722	104.973336	
2010	19	1300	19.541666667		01/19/2010 13:00	19.509	0.3031	13.7	47.6596	104.9373473	104.953497	0.217455	104.963069	
2010	19	1400	19.583333333		01/19/2010 14:00	20.113	0.3115	13.65	47.6394	104.9435046	104.959654	0.223511	104.969125	
2010	19	1500	19.625000000		01/19/2010 15:00	20.278	0.3138	13.65	47.6339	104.9451866	104.961336	0.225166	104.970780	
2010	19	1600	19.666666667		01/19/2010 16:00	19.947	0.3092	13.49	47.6450	104.9418124	104.957962	0.221847	104.967461	
2010	19	1700	19.708333333		01/19/2010 17:00	19.795	0.3071	13.33	47.6501	104.9402628	104.956413	0.220323	104.965937	
2010	19	1800	19.750000000		01/19/2010 18:00	19.645	0.3050	13.24	47.6551	104.9387337	104.954884	0.218819	104.964433	
2010	19	1900	19.791666667		01/19/2010 19:00	19.361	0.3010	13.16	47.6646	104.9358385	104.951988	0.215972	104.961586	
2010	19	2000	19.833333333		01/19/2010 20:00	19.207	0.2989	13.08	47.6697	104.9342686	104.950418	0.214427	104.960041	
2010	19	2100	19.875000000		01/19/2010 21:00	19.017	0.2962	13.01	47.6761	104.9323317	104.948482	0.212522	104.958136	
2010	19	2200	19.916666667		01/19/2010 22:00	19.005	0.2961	12.95	47.6765	104.9322094	104.948359	0.212402	104.958016	
2010	19	2300	19.958333333		01/19/2010 23:00	18.934	0.2951	12.89	47.6789	104.9314856	104.947635	0.211690	104.957304	
2010	19	2400	20.000000000		01/20/2010 0:00	18.936	0.2951	12.83	47.6788	104.931506	104.947656	0.211710	104.957324	
2010	20	100	20.041666667		01/20/2010 1:00	18.726	0.2922	12.77	47.6858	104.9293652	104.945515	0.209605	104.955219	
2010	20	200	20.083333333		01/20/2010 2:00	18.715	0.2920	12.71	47.6862	104.9292531	104.945403	0.209494	104.955108	
2010	20	300	20.125000000		01/20/2010 3:00	18.598	0.2904	12.67	47.6901	104.9280604	104.944210	0.208321	104.953935	
2010	20	400	20.166666667		01/20/2010 4:00	18.705	0.2919	12.63	47.6865	104.9291511	104.945301	0.209394	104.955008	
2010	20	500	20.208333333		01/20/2010 5:00	18.646	0.2910	12.59	47.6885	104.9285497	104.944700	0.208803	104.954417	
2010	20	600	20.250000000		01/20/2010 6:00	18.505	0.2891	12.57	47.6932	104.9271123	104.943262	0.207389	104.953003	
2010	20	700	20.291666667		01/20/2010 7:00	18.542	0.2896	12.54	47.6920	104.9274895	104.943639	0.207760	104.953374	
2010	20	800	20.333333333		01/20/2010 8:00	18.456	0.2884	13.89	47.6948	104.9266128	104.942763	0.206898	104.952512	
2010	20	900	20.375000000		01/20/2010 9:00	18.302	0.2862	13.87	47.7000	104.9250429	104.941193	0.205354	104.950968	
2010	20	1000	20.416666667		01/20/2010 10:00	18.074	0.2830	13.81	47.7076	104.9227186	104.938868	0.203068	104.948682	
2010	20	1100	20.458333333		01/20/2010 11:00	18.39	0.2875	13.74	47.6970	104.92594	104.942090	0.206236	104.951850	
2010	20	1200	20.500000000		01/20/2010 12:00	19.225	0.2991	13.69	47.6691	104.9344521	104.950602	0.214608	104.960222	
2010	20	1300	20.541666667		01/20/2010 13:00	18.432	0.2880	13.67	47.6956	104.9263681	104.942518	0.206657	104.952271	
2010	20	1400	20.583333333		01/20/2010 14:00	18.302	0.2862	13.67	47.7000	104.9250429	104.941193	0.205354	104.950968	
2010	20	1500	20.625000000		01/20/2010 15:00	18.29	0.2861	13.67	47.7004	104.9249205	104.941070	0.205233	104.950847	
2010	20	1600	20.666666667		01/20/2010 16:00	18.23	0.2852	13.51	47.7024	104.9243089	104.940459	0.204632	104.950246	
2010	20	1700	20.708333333		01/20/2010 17:00	18.14	0.2840	13.35	47.7054	104.9233914	104.939541	0.203729	104.949343	
2010	20	1800	20.750000000		01/20/2010 18:00	18.106	0.2835	13.25	47.7065	104.9230448	104.939195	0.203388	104.949002	
2010	20	1900	20.791666667		01/20/2010 19:00	17.787	0.2790	13.17	47.7172	104.9197928	104.935943	0.200190	104.945804	
2010	20	2000	20.833333333		01/20/2010 20:00	17.901	0.2806	13.1	47.7134	104.920955	104.937105	0.201333	104.946947	
2010	20	2100	20.875000000		01/20/2010 21:00	17.911	0.2808	13.03	47.7131	104.9210569	104.937207	0.201433	104.947047	
2010	20	2200	20.916666667		01/20/2010 22:00	17.888	0.2804	12.97	47.7138	104.9208225	104.936972	0.201203	104.946817	
2010	20	2300	20.958333333		01/20/2010 23:00	17.686	0.2776	12.9	47.7206	104.9187632	104.934913	0.199177	104.944791	
2010	20	2400	21.000000000		01/21/2010 0:00	17.828	0.2796	12.84	47.7158	104.9202108	104.936361	0.200601	104.946215	
2010	21	100	21.041666667		01/21/2010 1:00	18.127	0.2838	12.78	47.7058	104.9232589	104.939409	0.203599	104.949213	
2010	21	200	21.083333333		01/21/2010 2:00	17.727	0.2782	12.73	47.7192	104.9191812	104.935331	0.199588	104.945202	
2010	21	300	21.125000000		01/21/2010 3:00	17.718	0.2781	12.68	47.7195	104.9190894	104.935239	0.199498	104.945112	
2010	21	400	21.166666667		01/21/2010 4:00	17.626	0.2768	12.64	47.7226	104.9181516	104.934301	0.198576	104.944190	
2010	21	500	21.208333333		01/21/2010 5:00	17.602	0.2764	12.61	47.7234	104.9179069	104.934057	0.198335	104.943949	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	21	600	21.250000000		01/21/2010 6:00	17.59	0.2763	12.58	47.7238	104.9177846	104.933934	0.198215	104.943829	
2010	21	700	21.291666667		01/21/2010 7:00	17.697	0.2778	12.56	47.7202	104.9188754	104.935025	0.199288	104.944902	
2010	21	800	21.333333333		01/21/2010 8:00	17.568	0.2760	12.67	47.7245	104.9175603	104.933710	0.197994	104.943608	
2010	21	900	21.375000000		01/21/2010 9:00	16.669	0.2634	13.87	47.7546	104.9083957	104.924546	0.188980	104.934594	
2010	21	1000	21.416666667		01/21/2010 10:00	17.873	0.2802	13.81	47.7143	104.9206695	104.936819	0.201052	104.946666	
2010	21	1100	21.458333333		01/21/2010 11:00	17.408	0.2737	13.74	47.7299	104.9159292	104.932079	0.196390	104.942004	
2010	21	1200	21.500000000		01/21/2010 12:00	18.101	0.2834	13.67	47.7067	104.9229938	104.939144	0.203338	104.948952	
2010	21	1300	21.541666667		01/21/2010 13:00	17.379	0.2733	13.67	47.7309	104.9156336	104.931783	0.196099	104.941713	
2010	21	1400	21.583333333		01/21/2010 14:00	17.427	0.2740	13.63	47.7293	104.9161229	104.932273	0.196580	104.942194	
2010	21	1500	21.625000000		01/21/2010 15:00	16.599	0.2624	13.63	47.7569	104.9076821	104.923832	0.188279	104.933893	
2010	21	1600	21.666666667		01/21/2010 16:00	17.344	0.2728	13.65	47.7320	104.9152768	104.931427	0.195748	104.941362	
2010	21	1700	21.708333333		01/21/2010 17:00	17.358	0.2730	13.44	47.7316	104.9154195	104.931569	0.195889	104.941503	
2010	21	1800	21.750000000		01/21/2010 18:00	17.337	0.2727	13.31	47.7323	104.9152054	104.931355	0.195678	104.941292	
2010	21	1900	21.791666667		01/21/2010 19:00	17.195	0.2708	13.22	47.7370	104.9137579	104.929908	0.194254	104.939868	
2010	21	2000	21.833333333		01/21/2010 20:00	17.197	0.2708	13.14	47.7369	104.9137783	104.929928	0.194274	104.939888	
2010	21	2100	21.875000000		01/21/2010 21:00	17.057	0.2688	13.07	47.7416	104.9123511	104.928501	0.192871	104.938485	
2010	21	2200	21.916666667		01/21/2010 22:00	17.27	0.2718	12.99	47.7345	104.9145224	104.930672	0.195006	104.940620	
2010	21	2300	21.958333333		01/21/2010 23:00	17.036	0.2685	12.93	47.7423	104.912137	104.928287	0.192660	104.938274	
2010	21	2400	22.000000000		01/22/2010 0:00	16.787	0.2651	12.88	47.7507	104.9095986	104.925748	0.190164	104.935778	
2010	22	100	22.041666667		01/22/2010 1:00	16.847	0.2659	12.81	47.7487	104.9102103	104.926360	0.190765	104.936379	
2010	22	200	22.083333333		01/22/2010 2:00	16.813	0.2654	12.76	47.7498	104.9098637	104.926014	0.190424	104.936038	
2010	22	300	22.125000000		01/22/2010 3:00	16.837	0.2658	12.71	47.7490	104.9101083	104.926258	0.190665	104.936279	
2010	22	400	22.166666667		01/22/2010 4:00	16.728	0.2642	12.67	47.7526	104.9089972	104.925147	0.189572	104.935186	
2010	22	500	22.208333333		01/22/2010 5:00	16.965	0.2675	12.62	47.7447	104.9114132	104.927563	0.191948	104.937562	
2010	22	600	22.250000000		01/22/2010 6:00	16.825	0.2656	12.59	47.7494	104.909986	104.926136	0.190545	104.936159	
2010	22	700	22.291666667		01/22/2010 7:00	17.05	0.2687	12.57	47.7419	104.9122797	104.928430	0.192801	104.938415	
2010	22	800	22.333333333		01/22/2010 8:00	16.884	0.2664	12.78	47.7474	104.9105875	104.926737	0.191136	104.936750	
2010	22	900	22.375000000		01/22/2010 9:00	16.798	0.2652	13.87	47.7503	104.9097108	104.925861	0.190274	104.935888	
2010	22	1000	22.416666667		01/22/2010 10:00	16.655	0.2632	13.83	47.7551	104.908253	104.924403	0.188840	104.934454	
2010	22	1100	22.458333333		01/22/2010 11:00	16.911	0.2668	13.77	47.7465	104.9108627	104.927013	0.191407	104.937021	
2010	22	1200	22.500000000		01/22/2010 12:00	16.875	0.2663	13.74	47.7477	104.9104957	104.926646	0.191046	104.936660	
2010	22	1300	22.541666667		01/22/2010 13:00	17.207	0.2709	13.73	47.7366	104.9138802	104.930030	0.194375	104.939989	
2010	22	1400	22.583333333		01/22/2010 14:00	17.064	0.2689	13.74	47.7414	104.9124224	104.928572	0.192941	104.938555	
2010	22	1500	22.625000000		01/22/2010 15:00	16.958	0.2674	13.76	47.7449	104.9113418	104.927492	0.191878	104.937492	
2010	22	1600	22.666666667		01/22/2010 16:00	16.888	0.2665	13.78	47.7473	104.9106282	104.926778	0.191176	104.936790	
2010	22	1700	22.708333333		01/22/2010 17:00	16.901	0.2667	13.51	47.7468	104.9107608	104.926911	0.191307	104.936921	
2010	22	1800	22.750000000		01/22/2010 18:00	16.832	0.2657	13.38	47.7492	104.9100574	104.926207	0.190615	104.936229	
2010	22	1900	22.791666667		01/22/2010 19:00	16.785	0.2650	13.28	47.7507	104.9095782	104.925728	0.190144	104.935758	
2010	22	2000	22.833333333		01/22/2010 20:00	16.797	0.2652	13.21	47.7503	104.9097006	104.925850	0.190264	104.935878	
2010	22	2100	22.875000000		01/22/2010 21:00	16.761	0.2647	13.13	47.7515	104.9093336	104.925483	0.189903	104.935517	
2010	22	2200	22.916666667		01/22/2010 22:00	16.774	0.2649	13.07	47.7511	104.9094661	104.925616	0.190033	104.935647	
2010	22	2300	22.958333333		01/22/2010 23:00	16.868	0.2662	13.01	47.7480	104.9104244	104.926574	0.190976	104.936590	
2010	22	2400	23.000000000		01/23/2010 0:00	16.75	0.2645	12.95	47.7519	104.9092214	104.925371	0.189793	104.935407	
2010	23	100	23.041666667		01/23/2010 1:00	16.726	0.2642	12.88	47.7527	104.9089768	104.925127	0.189552	104.935166	
2010	23	200	23.083333333		01/23/2010 2:00	16.772	0.2648	12.83	47.7512	104.9094457	104.925596	0.190013	104.935627	
2010	23	300	23.125000000		01/23/2010 3:00	16.925	0.2670	12.77	47.7460	104.9110054	104.927155	0.191547	104.937161	
2010	23	400	23.166666667		01/23/2010 4:00	16.963	0.2675	12.72	47.7448	104.9113928	104.927543	0.191928	104.937542	
2010	23	500	23.208333333		01/23/2010 5:00	17.045	0.2687	12.68	47.7420	104.9122287	104.928379	0.192750	104.938364	
2010	23	600	23.250000000		01/23/2010 6:00	17.176	0.2705	12.64	47.7377	104.9135642	104.929714	0.194064	104.939678	
2010	23	700	23.291666667		01/23/2010 7:00	17.318	0.2725	12.61	47.7329	104.9150118	104.931162	0.195488	104.941102	
2010	23	800	23.333333333		01/23/2010 8:00	17.294	0.2721	12.74	47.7337	104.9147671	104.930917	0.195247	104.940861	
2010	23	900	23.375000000		01/23/2010 9:00	17.41	0.2738	13.79	47.7298	104.9159496	104.932099	0.196410	104.942024	
2010	23	1000	23.416666667		01/23/2010 10:00	17.656	0.2772	13.76	47.7216	104.9184574	104.934607	0.198877	104.944491	
2010	23	1100	23.458333333		01/23/2010 11:00	17.475	0.2747	13.7	47.7277	104.9166122	104.932762	0.197062	104.942676	
2010	23	1200	23.500000000		01/23/2010 12:00	18.279	0.2859	13.64	47.7008	104.9248084	104.940958	0.205123	104.950737	
2010	23	1300	23.541666667		01/23/2010 13:00	17.971	0.2816	13.64	47.7111	104.9216686	104.937818	0.202035	104.947649	
2010	23	1400	23.583333333		01/23/2010 14:00	18.314	0.2864	13.64	47.6996	104.9251652	104.941315	0.205474	104.951088	
2010	23	1500	23.625000000		01/23/2010 15:00	18.468	0.2886	13.64	47.6944	104.9267351	104.942885	0.207018	104.952632	
2010	23	1600	23.666666667		01/23/2010 16:00	18.716	0.2920	13.64	47.6861	104.9292633	104.945413	0.209504	104.955118	
2010	23	1700	23.708333333		01/23/2010 17:00	18.644	0.2910	13.47	47.6886	104.9285293	104.944679	0.208783	104.954397	
2010	23	1800	23.750000000		01/23/2010 18:00	18.793	0.2931	13.34	47.6836	104.9300482	104.946198	0.210277	104.955891	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1900	23.791666667		01/23/2010 19:00	18.863	0.2941	13.24	47.6812	104.9307618	104.946912	0.210978	104.956592	
2010	23	2000	23.833333333		01/23/2010 20:00	19.173	0.2984	13.16	47.6709	104.933922	104.950072	0.214087	104.959701	
2010	23	2100	23.875000000		01/23/2010 21:00	18.845	0.2938	13.08	47.6818	104.9305783	104.946728	0.210798	104.956412	
2010	23	2200	23.916666667		01/23/2010 22:00	19.081	0.2971	13	47.6739	104.9329842	104.949134	0.213164	104.958778	
2010	23	2300	23.958333333		01/23/2010 23:00	19.062	0.2969	12.94	47.6746	104.9327905	104.948940	0.212974	104.958588	
2010	23	2400	24.000000000		01/24/2010 0:00	19.051	0.2967	12.88	47.6749	104.9326783	104.948828	0.212863	104.958477	
2010	24	100	24.041666667		01/24/2010 1:00	19.252	0.2995	12.82	47.6682	104.9347274	104.950877	0.214879	104.960493	
2010	24	200	24.083333333		01/24/2010 2:00	19.253	0.2995	12.76	47.6682	104.9347376	104.950887	0.214889	104.960503	
2010	24	300	24.125000000		01/24/2010 3:00	19.066	0.2969	12.71	47.6744	104.9328312	104.948981	0.213014	104.958628	
2010	24	400	24.166666667		01/24/2010 4:00	19.208	0.2989	12.66	47.6697	104.9342788	104.950429	0.214437	104.960051	
2010	24	500	24.208333333		01/24/2010 5:00	19.267	0.2997	12.62	47.6677	104.9348803	104.951030	0.215029	104.960643	
2010	24	600	24.250000000		01/24/2010 6:00	19.16	0.2982	12.57	47.6713	104.9337895	104.949939	0.213956	104.959570	
2010	24	700	24.291666667		01/24/2010 7:00	19.257	0.2996	12.54	47.6681	104.9347783	104.950928	0.214929	104.960543	
2010	24	800	24.333333333		01/24/2010 8:00	19.209	0.2989	13.08	47.6697	104.934289	104.950439	0.214448	104.960062	
2010	24	900	24.375000000		01/24/2010 9:00	19.527	0.3034	13.98	47.6590	104.9375308	104.953681	0.217636	104.963250	
2010	24	1000	24.416666667		01/24/2010 10:00	19.145	0.2980	13.93	47.6718	104.9336366	104.949786	0.213806	104.959420	
2010	24	1100	24.458333333		01/24/2010 11:00	18.727	0.2922	13.87	47.6858	104.9293754	104.945525	0.209615	104.955229	
2010	24	1200	24.500000000		01/24/2010 12:00	19.126	0.2977	13.8	47.6724	104.9334429	104.949593	0.213615	104.959229	
2010	24	1300	24.541666667		01/24/2010 13:00	19.266	0.2997	13.79	47.6677	104.9348701	104.951020	0.215019	104.960633	
2010	24	1400	24.583333333		01/24/2010 14:00	19.076	0.2970	13.78	47.6741	104.9329332	104.949083	0.213114	104.958728	
2010	24	1500	24.625000000		01/24/2010 15:00	19.064	0.2969	13.78	47.6745	104.9328109	104.948961	0.212994	104.958608	
2010	24	1600	24.666666667		01/24/2010 16:00	18.9	0.2946	13.58	47.6800	104.931139	104.947289	0.211349	104.956963	
2010	24	1700	24.708333333		01/24/2010 17:00	18.783	0.2930	13.43	47.6839	104.9299463	104.946096	0.210176	104.955790	
2010	24	1800	24.750000000		01/24/2010 18:00	18.7	0.2918	13.32	47.6867	104.9291002	104.945250	0.209344	104.954958	
2010	24	1900	24.791666667		01/24/2010 19:00	18.739	0.2923	13.23	47.6854	104.9294977	104.945648	0.209735	104.955349	
2010	24	2000	24.833333333		01/24/2010 20:00	18.656	0.2912	13.16	47.6882	104.9286516	104.944801	0.208903	104.954517	
2010	24	2100	24.875000000		01/24/2010 21:00	18.49	0.2889	13.09	47.6937	104.9269594	104.943109	0.207239	104.952853	
2010	24	2200	24.916666667		01/24/2010 22:00	18.419	0.2879	13.03	47.6961	104.9262356	104.942385	0.206527	104.952141	
2010	24	2300	24.958333333		01/24/2010 23:00	18.407	0.2877	12.96	47.6965	104.9261133	104.942263	0.206406	104.952020	
2010	24	2400	25.000000000		01/25/2010 0:00	18.194	0.2847	12.9	47.7036	104.9239419	104.940092	0.204271	104.949885	
2010	25	100	25.041666667		01/25/2010 1:00	18.158	0.2842	12.85	47.7048	104.9235749	104.939725	0.203910	104.949524	
2010	25	200	25.083333333		01/25/2010 2:00	17.98	0.2817	12.79	47.7108	104.9217603	104.937910	0.202125	104.947739	
2010	25	300	25.125000000		01/25/2010 3:00	18.004	0.2821	12.74	47.7100	104.922005	104.938155	0.202366	104.947980	
2010	25	400	25.166666667		01/25/2010 4:00	17.838	0.2797	12.69	47.7155	104.9203127	104.936463	0.200701	104.946315	
2010	25	500	25.208333333		01/25/2010 5:00	17.625	0.2768	12.64	47.7226	104.9181414	104.934291	0.198566	104.944180	
2010	25	600	25.250000000		01/25/2010 6:00	17.685	0.2776	12.61	47.7206	104.918753	104.934903	0.199167	104.944781	
2010	25	700	25.291666667		01/25/2010 7:00	17.471	0.2746	12.57	47.7278	104.9165715	104.932721	0.197022	104.942636	
2010	25	800	25.333333333		01/25/2010 8:00	17.282	0.2720	12.64	47.7341	104.9146448	104.930795	0.195127	104.940741	
2010	25	900	25.375000000		01/25/2010 9:00	17.01	0.2682	13.83	47.7432	104.9118719	104.928022	0.192399	104.938013	
2010	25	1000	25.416666667		01/25/2010 10:00	16.748	0.2645	13.79	47.7520	104.909201	104.925351	0.189773	104.935387	
2010	25	1100	25.458333333		01/25/2010 11:00	16.674	0.2635	13.77	47.7544	104.9084467	104.924597	0.189031	104.934645	
2010	25	1200	25.500000000		01/25/2010 12:00	16.674	0.2635	13.74	47.7544	104.9084467	104.924597	0.189031	104.934645	
2010	25	1300	25.541666667		01/25/2010 13:00	15.917	0.2529	13.73	47.7798	104.9007297	104.916879	0.181441	104.927055	
2010	25	1400	25.583333333		01/25/2010 14:00	16.236	0.2574	13.73	47.7691	104.9039816	104.920131	0.184639	104.930253	
2010	25	1500	25.625000000		01/25/2010 15:00	16.106	0.2555	13.73	47.7734	104.9026564	104.918806	0.183336	104.928950	
2010	25	1600	25.666666667		01/25/2010 16:00	15.952	0.2534	13.74	47.7786	104.9010864	104.917236	0.181792	104.927406	
2010	25	1700	25.708333333		01/25/2010 17:00	15.774	0.2509	13.48	47.7845	104.8992719	104.915422	0.180007	104.925621	
2010	25	1800	25.750000000		01/25/2010 18:00	15.727	0.2502	13.35	47.7861	104.8987927	104.914943	0.179536	104.925150	
2010	25	1900	25.791666667		01/25/2010 19:00	15.703	0.2499	13.25	47.7869	104.8985481	104.914698	0.179295	104.924909	
2010	25	2000	25.833333333		01/25/2010 20:00	15.587	0.2483	13.18	47.7908	104.8973656	104.913515	0.178132	104.923746	
2010	25	2100	25.875000000		01/25/2010 21:00	15.635	0.2490	13.1	47.7892	104.8978549	104.914005	0.178613	104.924227	
2010	25	2200	25.916666667		01/25/2010 22:00	15.824	0.2516	13.04	47.7829	104.8997816	104.915931	0.180508	104.926122	
2010	25	2300	25.958333333		01/25/2010 23:00	15.753	0.2506	12.97	47.7852	104.8990578	104.915208	0.179796	104.925410	
2010	25	2400	26.000000000		01/26/2010 0:00	15.942	0.2532	12.91	47.7789	104.9009845	104.917134	0.181691	104.927305	
2010	26	100	26.041666667		01/26/2010 1:00	16.12	0.2557	12.85	47.7730	104.9027991	104.918949	0.183476	104.929090	
2010	26	200	26.083333333		01/26/2010 2:00	16.333	0.2587	12.8	47.7658	104.9049704	104.921120	0.185612	104.931226	
2010	26	300	26.125000000		01/26/2010 3:00	16.51	0.2612	12.75	47.7599	104.9067748	104.922925	0.187386	104.933000	
2010	26	400	26.166666667		01/26/2010 4:00	16.794	0.2652	12.7	47.7504	104.90967	104.925820	0.190234	104.935848	
2010	26	500	26.208333333		01/26/2010 5:00	17.056	0.2688	12.65	47.7417	104.9123409	104.928491	0.192861	104.938475	
2010	26	600	26.250000000		01/26/2010 6:00	17.27	0.2718	12.63	47.7345	104.9145224	104.930672	0.195006	104.940620	
2010	26	700	26.291666667		01/26/2010 7:00	17.505	0.2751	12.59	47.7266	104.9169181	104.933068	0.197363	104.942977	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	26	800	26.333333333		01/26/2010 8:00	17.682	0.2776	12.59	47.7207	104.9187224	104.934872	0.199137	104.944751	
2010	26	900	26.375000000		01/26/2010 9:00	17.966	0.2815	12.84	47.7112	104.9216176	104.937767	0.201985	104.947599	
2010	26	1000	26.416666667		01/26/2010 10:00	18.108	0.2835	13.78	47.7065	104.9230652	104.939215	0.203408	104.949022	
2010	26	1100	26.458333333		01/26/2010 11:00	18.224	0.2851	13.77	47.7026	104.9242477	104.940398	0.204572	104.950186	
2010	26	1200	26.500000000		01/26/2010 12:00	18.461	0.2885	13.74	47.6947	104.9266637	104.942814	0.206948	104.952562	
2010	26	1300	26.541666667		01/26/2010 13:00	18.639	0.2909	13.73	47.6887	104.9284783	104.944628	0.208732	104.954346	
2010	26	1400	26.583333333		01/26/2010 14:00	18.84	0.2938	13.73	47.6820	104.9305274	104.946677	0.210748	104.956362	
2010	26	1500	26.625000000		01/26/2010 15:00	18.911	0.2947	13.73	47.6796	104.9312511	104.947401	0.211460	104.957074	
2010	26	1600	26.666666667		01/26/2010 16:00	19.16	0.2982	13.74	47.6713	104.9337895	104.949939	0.213956	104.959570	
2010	26	1700	26.708333333		01/26/2010 17:00	19.313	0.3004	13.48	47.6662	104.9353492	104.951499	0.215490	104.961104	
2010	26	1800	26.750000000		01/26/2010 18:00	19.301	0.3002	13.35	47.6666	104.9352269	104.951377	0.215370	104.960984	
2010	26	1900	26.791666667		01/26/2010 19:00	19.445	0.3022	13.26	47.6618	104.9366949	104.952845	0.216814	104.962428	
2010	26	2000	26.833333333		01/26/2010 20:00	19.47	0.3026	13.17	47.6609	104.9369497	104.953100	0.217064	104.962678	
2010	26	2100	26.875000000		01/26/2010 21:00	19.564	0.3039	13.1	47.6578	104.937908	104.954058	0.218007	104.963621	
2010	26	2200	26.916666667		01/26/2010 22:00	19.718	0.3060	13.04	47.6526	104.9394779	104.955628	0.219551	104.965165	
2010	26	2300	26.958333333		01/26/2010 23:00	19.671	0.3054	12.97	47.6542	104.9389987	104.955149	0.219080	104.964694	
2010	26	2400	27.000000000		01/27/2010 0:00	19.801	0.3072	12.91	47.6499	104.940324	104.956474	0.220383	104.965997	
2010	27	100	27.041666667		01/27/2010 1:00	19.754	0.3065	12.85	47.6514	104.9398449	104.955995	0.219912	104.965526	
2010	27	200	27.083333333		01/27/2010 2:00	19.908	0.3087	12.8	47.6463	104.9414148	104.957565	0.221456	104.967070	
2010	27	300	27.125000000		01/27/2010 3:00	19.896	0.3085	12.75	47.6467	104.9412924	104.957442	0.221336	104.966950	
2010	27	400	27.166666667		01/27/2010 4:00	19.848	0.3078	12.7	47.6483	104.9408031	104.956953	0.220854	104.966468	
2010	27	500	27.208333333		01/27/2010 5:00	20.026	0.3103	12.66	47.6423	104.9426177	104.958768	0.222639	104.968253	
2010	27	600	27.250000000		01/27/2010 6:00	19.991	0.3098	12.63	47.6435	104.9422609	104.958411	0.222288	104.967902	
2010	27	700	27.291666667		01/27/2010 7:00	20.027	0.3103	12.59	47.6423	104.9426279	104.958778	0.222649	104.968263	
2010	27	800	27.333333333		01/27/2010 8:00	20.063	0.3108	12.57	47.6411	104.9429949	104.959145	0.223010	104.968624	
2010	27	900	27.375000000		01/27/2010 9:00	20.002	0.3100	13.32	47.6431	104.942373	104.958523	0.222398	104.968012	
2010	27	1000	27.416666667		01/27/2010 10:00	20.026	0.3103	13.78	47.6423	104.9426177	104.958768	0.222639	104.968253	
2010	27	1100	27.458333333		01/27/2010 11:00	20.059	0.3108	13.76	47.6412	104.9429541	104.959104	0.222970	104.968584	
2010	27	1200	27.500000000		01/27/2010 12:00	20.141	0.3119	13.74	47.6385	104.94379	104.959940	0.223792	104.969406	
2010	27	1300	27.541666667		01/27/2010 13:00	20.13	0.3118	13.71	47.6389	104.9436779	104.959828	0.223682	104.969296	
2010	27	1400	27.583333333		01/27/2010 14:00	20.116	0.3116	13.71	47.6393	104.9435352	104.959685	0.223541	104.969155	
2010	27	1500	27.625000000		01/27/2010 15:00	20.106	0.3114	13.7	47.6397	104.9434332	104.959583	0.223441	104.969055	
2010	27	1600	27.666666667		01/27/2010 16:00	20.107	0.3115	13.73	47.6396	104.9434434	104.959593	0.223451	104.969065	
2010	27	1700	27.708333333		01/27/2010 17:00	20.082	0.3111	13.48	47.6405	104.9431886	104.959338	0.223201	104.968815	
2010	27	1800	27.750000000		01/27/2010 18:00	20.005	0.3100	13.36	47.6430	104.9424036	104.958553	0.222429	104.968043	
2010	27	1900	27.791666667		01/27/2010 19:00	19.874	0.3082	13.26	47.6474	104.9410682	104.957218	0.221115	104.966729	
2010	27	2000	27.833333333		01/27/2010 20:00	19.685	0.3056	13.18	47.6537	104.9391415	104.955291	0.219220	104.964834	
2010	27	2100	27.875000000		01/27/2010 21:00	19.792	0.3071	13.12	47.6502	104.9402322	104.956382	0.220293	104.965907	
2010	27	2200	27.916666667		01/27/2010 22:00	19.875	0.3082	13.05	47.6474	104.9410784	104.957228	0.221125	104.966739	
2010	27	2300	27.958333333		01/27/2010 23:00	19.982	0.3097	12.98	47.6438	104.9421692	104.958319	0.222198	104.967812	
2010	27	2400	28.000000000		01/28/2010 0:00	20.124	0.3117	12.92	47.6391	104.9436167	104.959767	0.223622	104.969236	
2010	28	100	28.041666667		01/28/2010 1:00	20.183	0.3125	12.87	47.6371	104.9442182	104.960368	0.224213	104.969827	
2010	28	200	28.083333333		01/28/2010 2:00	20.384	0.3153	12.81	47.6304	104.9462672	104.962417	0.226229	104.971843	
2010	28	300	28.125000000		01/28/2010 3:00	20.597	0.3183	12.76	47.6232	104.9484386	104.964588	0.228364	104.973978	
2010	28	400	28.166666667		01/28/2010 4:00	20.811	0.3213	12.7	47.6161	104.9506202	104.966770	0.230510	104.976124	
2010	28	500	28.208333333		01/28/2010 5:00	20.966	0.3235	12.66	47.6109	104.9522003	104.968350	0.232064	104.977678	
2010	28	600	28.250000000		01/28/2010 6:00	21.218	0.3270	12.62	47.6025	104.9547692	104.970919	0.234591	104.980205	
2010	28	700	28.291666667		01/28/2010 7:00	21.585	0.3321	12.58	47.5902	104.9585105	104.974660	0.238270	104.983884	
2010	28	800	28.333333333		01/28/2010 8:00	21.632	0.3328	13.93	47.5886	104.9589896	104.975139	0.238741	104.984355	
2010	28	900	28.375000000		01/28/2010 9:00	21.217	0.3270	13.9	47.6025	104.954759	104.970909	0.234580	104.980195	
2010	28	1000	28.416666667		01/28/2010 10:00	22.361	0.3430	13.83	47.5642	104.9664212	104.982571	0.246051	104.991665	
2010	28	1100	28.458333333		01/28/2010 11:00	22.402	0.3435	13.79	47.5629	104.9668392	104.982989	0.246462	104.992076	
2010	28	1200	28.500000000		01/28/2010 12:00	22.781	0.3488	13.73	47.5502	104.9707028	104.986853	0.250262	104.995876	
2010	28	1300	28.541666667		01/28/2010 13:00	22.851	0.3498	13.71	47.5478	104.9714164	104.987566	0.250964	104.996578	
2010	28	1400	28.583333333		01/28/2010 14:00	22.752	0.3484	13.69	47.5512	104.9704071	104.986557	0.249971	104.995585	
2010	28	1500	28.625000000		01/28/2010 15:00	22.836	0.3496	13.69	47.5483	104.9712635	104.987413	0.250813	104.996427	
2010	28	1600	28.666666667		01/28/2010 16:00	22.828	0.3495	13.71	47.5486	104.9711819	104.987332	0.250733	104.996347	
2010	28	1700	28.708333333		01/28/2010 17:00	22.864	0.3500	13.48	47.5474	104.9715489	104.987699	0.251094	104.996708	
2010	28	1800	28.750000000		01/28/2010 18:00	22.923	0.3508	13.35	47.5454	104.9721504	104.988300	0.251686	104.997300	
2010	28	1900	28.791666667		01/28/2010 19:00	22.948	0.3512	13.25	47.5446	104.9724052	104.988555	0.251936	104.997550	
2010	28	2000	28.833333333		01/28/2010 20:00	22.961	0.3513	13.17	47.5442	104.9725377	104.988688	0.252067	104.997681	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	28	2100	28.875000000		01/28/2010 21:00	22.941	0.3511	13.1	47.5448	104.9723338	104.988484	0.251866	104.997480	
2010	28	2200	28.916666667		01/28/2010 22:00	22.811	0.3492	13.03	47.5492	104.9710086	104.987158	0.250563	104.996177	
2010	28	2300	28.958333333		01/28/2010 23:00	22.799	0.3491	12.96	47.5496	104.9708863	104.987036	0.250442	104.996056	
2010	28	2400	29.000000000		01/29/2010 0:00	22.834	0.3496	12.9	47.5484	104.9712431	104.987393	0.250793	104.996407	
2010	29	100	29.041666667		01/29/2010 1:00	22.81	0.3492	12.84	47.5492	104.9709984	104.987148	0.250553	104.996167	
2010	29	200	29.083333333		01/29/2010 2:00	22.81	0.3492	12.79	47.5492	104.9709984	104.987148	0.250553	104.996167	
2010	29	300	29.125000000		01/29/2010 3:00	22.929	0.3509	12.74	47.5452	104.9722115	104.988361	0.251746	104.997360	
2010	29	400	29.166666667		01/29/2010 4:00	22.999	0.3519	12.69	47.5429	104.9729251	104.989075	0.252448	104.998062	
2010	29	500	29.208333333		01/29/2010 5:00	23.141	0.3539	12.64	47.5381	104.9743727	104.990523	0.253871	104.999485	
2010	29	600	29.250000000		01/29/2010 6:00	23.272	0.3557	12.6	47.5338	104.9757081	104.991858	0.255185	105.000799	
2010	29	700	29.291666667		01/29/2010 7:00	23.416	0.3577	12.57	47.5289	104.9771761	104.993326	0.256629	105.002243	
2010	29	800	29.333333333		01/29/2010 8:00	23.498	0.3588	12.78	47.5262	104.978012	104.994162	0.257451	105.003065	
2010	29	900	29.375000000		01/29/2010 9:00	23.461	0.3583	13.85	47.5274	104.9776348	104.993785	0.257080	105.002694	
2010	29	1000	29.416666667		01/29/2010 10:00	23.839	0.3636	13.78	47.5148	104.9814883	104.997638	0.260870	105.006484	
2010	29	1100	29.458333333		01/29/2010 11:00	24.107	0.3674	13.74	47.5058	104.9842203	105.000370	0.263557	105.009171	
2010	29	1200	29.500000000		01/29/2010 12:00	24.166	0.3682	13.73	47.5039	104.9848218	105.000972	0.264148	105.009762	
2010	29	1300	29.541666667		01/29/2010 13:00	24.249	0.3693	13.71	47.5011	104.9856679	105.001818	0.264981	105.010595	
2010	29	1400	29.583333333		01/29/2010 14:00	24.539	0.3734	13.69	47.4914	104.9886242	105.004774	0.267888	105.013502	
2010	29	1500	29.625000000		01/29/2010 15:00	24.636	0.3748	13.69	47.4881	104.989613	105.005763	0.268861	105.014475	
2010	29	1600	29.666666667		01/29/2010 16:00	24.544	0.3735	13.55	47.4912	104.9886752	105.004825	0.267938	105.013552	
2010	29	1700	29.708333333		01/29/2010 17:00	24.557	0.3736	13.39	47.4908	104.9888077	105.004958	0.268069	105.013683	
2010	29	1800	29.750000000		01/29/2010 18:00	24.651	0.3750	13.28	47.4876	104.989766	105.005916	0.269011	105.014625	
2010	29	1900	29.791666667		01/29/2010 19:00	24.568	0.3738	13.2	47.4904	104.9889198	105.005070	0.268179	105.013793	
2010	29	2000	29.833333333		01/29/2010 20:00	24.544	0.3735	13.12	47.4912	104.9886752	105.004825	0.267938	105.013552	
2010	29	2100	29.875000000		01/29/2010 21:00	24.522	0.3732	13.04	47.4920	104.9884509	105.004601	0.267718	105.013332	
2010	29	2200	29.916666667		01/29/2010 22:00	24.487	0.3727	12.99	47.4931	104.9880941	105.004244	0.267367	105.012981	
2010	29	2300	29.958333333		01/29/2010 23:00	24.405	0.3715	12.91	47.4959	104.9872582	105.003408	0.266545	105.012159	
2010	29	2400	30.000000000		01/30/2010 0:00	24.346	0.3707	12.86	47.4978	104.9866567	105.002807	0.265953	105.011567	
2010	30	100	30.041666667		01/30/2010 1:00	24.382	0.3712	12.8	47.4966	104.9870237	105.003174	0.266314	105.011928	
2010	30	200	30.083333333		01/30/2010 2:00	24.466	0.3724	12.75	47.4938	104.98788	105.004030	0.267156	105.012770	
2010	30	300	30.125000000		01/30/2010 3:00	24.587	0.3741	12.7	47.4898	104.9891135	105.005263	0.268369	105.013983	
2010	30	400	30.166666667		01/30/2010 4:00	24.681	0.3754	12.65	47.4866	104.9900718	105.006222	0.269312	105.014926	
2010	30	500	30.208333333		01/30/2010 5:00	24.728	0.3760	12.62	47.4851	104.9905509	105.006701	0.269783	105.015397	
2010	30	600	30.250000000		01/30/2010 6:00	24.918	0.3787	12.59	47.4787	104.9924878	105.008638	0.271688	105.017302	
2010	30	700	30.291666667		01/30/2010 7:00	25.214	0.3828	12.56	47.4688	104.9955053	105.011655	0.274656	105.020270	
2010	30	800	30.333333333		01/30/2010 8:00	25.261	0.3835	12.78	47.4672	104.9959844	105.012134	0.275127	105.020741	
2010	30	900	30.375000000		01/30/2010 9:00	25.332	0.3845	13.81	47.4649	104.9967082	105.012858	0.275839	105.021453	
2010	30	1000	30.416666667		01/30/2010 10:00	25.317	0.3843	13.79	47.4654	104.9965553	105.012705	0.275689	105.021303	
2010	30	1100	30.458333333		01/30/2010 11:00	25.692	0.3895	13.76	47.4528	105.0003781	105.016528	0.279449	105.025063	
2010	30	1200	30.500000000		01/30/2010 12:00	25.621	0.3885	13.74	47.4552	104.9996544	105.015804	0.278737	105.024351	
2010	30	1300	30.541666667		01/30/2010 13:00	25.705	0.3897	13.71	47.4524	105.0005107	105.016660	0.279579	105.025193	
2010	30	1400	30.583333333		01/30/2010 14:00	26.036	0.3943	13.71	47.4413	105.003885	105.020035	0.282898	105.028512	
2010	30	1500	30.625000000		01/30/2010 15:00	26.107	0.3953	13.7	47.4389	105.0046087	105.020759	0.283610	105.029224	
2010	30	1600	30.666666667		01/30/2010 16:00	26.131	0.3956	13.54	47.4381	105.0048534	105.021003	0.283850	105.029464	
2010	30	1700	30.708333333		01/30/2010 17:00	26.19	0.3965	13.39	47.4362	105.0054549	105.021605	0.284442	105.030056	
2010	30	1800	30.750000000		01/30/2010 18:00	26.166	0.3961	13.27	47.4370	105.0052102	105.021360	0.284201	105.029815	
2010	30	1900	30.791666667		01/30/2010 19:00	26.308	0.3981	13.19	47.4322	105.0066578	105.022808	0.285625	105.031239	
2010	30	2000	30.833333333		01/30/2010 20:00	26.449	0.4001	13.12	47.4275	105.0080952	105.024245	0.287039	105.032653	
2010	30	2100	30.875000000		01/30/2010 21:00	26.532	0.4012	13.05	47.4247	105.0089413	105.025091	0.287871	105.033485	
2010	30	2200	30.916666667		01/30/2010 22:00	26.603	0.4022	12.98	47.4224	105.0096651	105.025815	0.288583	105.034197	
2010	30	2300	30.958333333		01/30/2010 23:00	26.804	0.4050	12.92	47.4156	105.0117141	105.027864	0.290598	105.036212	
2010	30	2400	31.000000000		01/31/2010 0:00	27.017	0.4080	12.86	47.4085	105.0138855	105.030035	0.292734	105.038348	
2010	31	100	31.041666667		01/31/2010 1:00	27.175	0.4102	12.8	47.4032	105.0154962	105.031646	0.294318	105.039932	
2010	31	200	31.083333333		01/31/2010 2:00	27.427	0.4138	12.75	47.3948	105.0180651	105.034215	0.296844	105.042458	
2010	31	300	31.125000000		01/31/2010 3:00	27.653	0.4169	12.7	47.3872	105.020369	105.036519	0.299110	105.044724	
2010	31	400	31.166666667		01/31/2010 4:00	27.912	0.4205	12.66	47.3786	105.0230093	105.039159	0.301707	105.047321	
2010	31	500	31.208333333		01/31/2010 5:00	28.126	0.4235	12.63	47.3714	105.0251909	105.041341	0.303853	105.049467	
2010	31	600	31.250000000		01/31/2010 6:00	28.407	0.4275	12.59	47.3620	105.0280554	105.044205	0.306670	105.052284	
2010	31	700	31.291666667		01/31/2010 7:00	28.572	0.4298	12.57	47.3565	105.0297375	105.045887	0.308325	105.053939	
2010	31	800	31.333333333		01/31/2010 8:00	28.773	0.4326	12.64	47.3498	105.0317865	105.047936	0.310340	105.055954	
2010	31	900	31.375000000		01/31/2010 9:00	28.844	0.4336	13.78	47.3474	105.0325103	105.048660	0.311052	105.056666	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	31	1000	31.416666667		01/31/2010 10:00	28.923	0.4347	13.77	47.3448	105.0333157	105.049465	0.311844	105.057458	
2010	31	1100	31.458333333		01/31/2010 11:00	28.687	0.4314	13.73	47.3527	105.0309098	105.047060	0.309478	105.055092	
2010	31	1200	31.500000000		01/31/2010 12:00	29.093	0.4370	13.69	47.3391	105.0350487	105.051199	0.313548	105.059162	
2010	31	1300	31.541666667		01/31/2010 13:00	29.199	0.4385	13.65	47.3355	105.0361293	105.052279	0.314611	105.060225	
2010	31	1400	31.583333333		01/31/2010 14:00	28.892	0.4342	13.63	47.3458	105.0329996	105.049149	0.311533	105.057147	
2010	31	1500	31.625000000		01/31/2010 15:00	29.363	0.4408	13.61	47.3300	105.0378011	105.053951	0.316255	105.061869	
2010	31	1600	31.666666667		01/31/2010 16:00	29.662	0.4450	13.63	47.3200	105.0408492	105.056999	0.319253	105.064867	
2010	31	1700	31.708333333		01/31/2010 17:00	29.543	0.4433	13.51	47.3240	105.0396361	105.055786	0.318060	105.063674	
2010	31	1800	31.750000000		01/31/2010 18:00	29.373	0.4410	13.35	47.3297	105.0379031	105.054053	0.316356	105.061970	
2010	31	1900	31.791666667		01/31/2010 19:00	29.329	0.4403	13.25	47.3312	105.0374545	105.053604	0.315915	105.061529	
2010	31	2000	31.833333333		01/31/2010 20:00	29.27	0.4395	13.17	47.3332	105.0368531	105.053003	0.315323	105.060937	
2010	31	2100	31.875000000		01/31/2010 21:00	29.274	0.4396	13.09	47.3330	105.0368938	105.053044	0.315363	105.060977	
2010	31	2200	31.916666667		01/31/2010 22:00	29.227	0.4389	13.02	47.3346	105.0364147	105.052565	0.314892	105.060506	
2010	31	2300	31.958333333		01/31/2010 23:00	29.134	0.4376	12.97	47.3377	105.0354666	105.051616	0.313959	105.059573	
2010	31	2400	32.000000000		02/01/2010 0:00	29.004	0.4358	12.9	47.3421	105.0341414	105.050291	0.312656	105.058270	
2010	32	100	32.041666667		02/01/2010 1:00	28.907	0.4344	12.85	47.3453	105.0331526	105.049302	0.311683	105.057297	
2010	32	200	32.083333333		02/01/2010 2:00	28.966	0.4353	12.79	47.3433	105.033754	105.049904	0.312275	105.057889	
2010	32	300	32.125000000		02/01/2010 3:00	28.741	0.4321	12.74	47.3509	105.0314603	105.047610	0.310019	105.055633	
2010	32	400	32.166666667		02/01/2010 4:00	29.167	0.4381	12.68	47.3366	105.0358031	105.051953	0.314290	105.059904	
2010	32	500	32.208333333		02/01/2010 5:00	28.638	0.4307	12.64	47.3543	105.0304103	105.046560	0.308986	105.054600	
2010	32	600	32.250000000		02/01/2010 6:00	28.559	0.4296	12.61	47.3569	105.029605	105.045755	0.308194	105.053808	
2010	32	700	32.291666667		02/01/2010 7:00	28.651	0.4309	12.58	47.3539	105.0305428	105.046693	0.309117	105.054731	
2010	32	800	32.333333333		02/01/2010 8:00	28.532	0.4292	12.69	47.3578	105.0293297	105.045480	0.307924	105.053538	
2010	32	900	32.375000000		02/01/2010 9:00	28.377	0.4270	13.28	47.3630	105.0277496	105.043899	0.306369	105.051983	
2010	32	1000	32.416666667		02/01/2010 10:00	28.149	0.4238	13.85	47.3707	105.0254253	105.041575	0.304083	105.049697	
2010	32	1100	32.458333333		02/01/2010 11:00	27.807	0.4191	13.82	47.3821	105.0219389	105.038089	0.300654	105.046268	
2010	32	1200	32.500000000		02/01/2010 12:00	28.143	0.4238	13.79	47.3709	105.0253642	105.041514	0.304023	105.049637	
2010	32	1300	32.541666667		02/01/2010 13:00	28.106	0.4232	13.76	47.3721	105.024987	105.041137	0.303652	105.049266	
2010	32	1400	32.583333333		02/01/2010 14:00	27.989	0.4216	13.73	47.3760	105.0237943	105.039944	0.302479	105.048093	
2010	32	1500	32.625000000		02/01/2010 15:00	27.669	0.4171	13.73	47.3867	105.0205321	105.036682	0.299271	105.044885	
2010	32	1600	32.666666667		02/01/2010 16:00	27.575	0.4158	13.73	47.3898	105.0195739	105.035724	0.298328	105.043942	
2010	32	1700	32.708333333		02/01/2010 17:00	27.456	0.4142	13.51	47.3938	105.0183607	105.034511	0.297135	105.042749	
2010	32	1800	32.750000000		02/01/2010 18:00	27.349	0.4127	13.38	47.3974	105.01727	105.033420	0.296062	105.041676	
2010	32	1900	32.791666667		02/01/2010 19:00	27.208	0.4107	13.28	47.4021	105.0158326	105.031982	0.294649	105.040263	
2010	32	2000	32.833333333		02/01/2010 20:00	27.093	0.4091	13.19	47.4060	105.0146602	105.030810	0.293496	105.039110	
2010	32	2100	32.875000000		02/01/2010 21:00	26.917	0.4066	13.12	47.4119	105.0128661	105.029016	0.291731	105.037345	
2010	32	2200	32.916666667		02/01/2010 22:00	26.73	0.4040	13.05	47.4181	105.0109597	105.027110	0.289856	105.035470	
2010	32	2300	32.958333333		02/01/2010 23:00	26.704	0.4037	12.98	47.4190	105.0106947	105.026845	0.289595	105.035209	
2010	32	2400	33.000000000		02/02/2010 0:00	26.516	0.4010	12.93	47.4253	105.0087782	105.024928	0.287710	105.033324	
2010	33	100	33.041666667		02/02/2010 1:00	26.446	0.4000	12.86	47.4276	105.0080646	105.024214	0.287009	105.032623	
2010	33	200	33.083333333		02/02/2010 2:00	26.279	0.3977	12.81	47.4332	105.0063622	105.022512	0.285334	105.030948	
2010	33	300	33.125000000		02/02/2010 3:00	26.209	0.3967	12.76	47.4355	105.0056486	105.021798	0.284632	105.030246	
2010	33	400	33.166666667		02/02/2010 4:00	26.125	0.3956	12.71	47.4383	105.0047922	105.020942	0.283790	105.029404	
2010	33	500	33.208333333		02/02/2010 5:00	25.983	0.3936	12.66	47.4431	105.0033447	105.019494	0.282366	105.027980	
2010	33	600	33.250000000		02/02/2010 6:00	25.674	0.3893	12.61	47.4534	105.0001946	105.016344	0.279268	105.024882	
2010	33	700	33.291666667		02/02/2010 7:00	25.807	0.3911	12.59	47.4490	105.0015505	105.017700	0.280602	105.026216	
2010	33	800	33.333333333		02/02/2010 8:00	25.43	0.3858	13.87	47.4616	104.9977073	105.013857	0.276822	105.022436	
2010	33	900	33.375000000		02/02/2010 9:00	24.682	0.3754	13.86	47.4866	104.990082	105.006232	0.269322	105.014936	
2010	33	1000	33.416666667		02/02/2010 10:00	25.114	0.3814	13.77	47.4722	104.9944859	105.010636	0.273653	105.019267	
2010	33	1100	33.458333333		02/02/2010 11:00	25.22	0.3829	13.74	47.4686	104.9955665	105.011716	0.274716	105.020330	
2010	33	1200	33.500000000		02/02/2010 12:00	25.654	0.3890	13.71	47.4541	104.9999908	105.016141	0.279068	105.024682	
2010	33	1300	33.541666667		02/02/2010 13:00	25.01	0.3800	13.67	47.4756	104.9934257	105.009576	0.272611	105.018225	
2010	33	1400	33.583333333		02/02/2010 14:00	24.715	0.3759	13.67	47.4855	104.9904184	105.006568	0.269653	105.015267	
2010	33	1500	33.625000000		02/02/2010 15:00	25.638	0.3888	13.66	47.4546	104.9998277	105.015977	0.278907	105.024521	
2010	33	1600	33.666666667		02/02/2010 16:00	24.62	0.3745	13.68	47.4887	104.9894499	105.005600	0.268700	105.014314	
2010	33	1700	33.708333333		02/02/2010 17:00	24.568	0.3738	13.54	47.4904	104.9889198	105.005070	0.268179	105.013793	
2010	33	1800	33.750000000		02/02/2010 18:00	24.498	0.3728	13.38	47.4928	104.9882062	105.004356	0.267477	105.013091	
2010	33	1900	33.791666667		02/02/2010 19:00	24.421	0.3717	13.28	47.4953	104.9874213	105.003571	0.266705	105.012319	
2010	33	2000	33.833333333		02/02/2010 20:00	24.314	0.3703	13.2	47.4989	104.9863305	105.002480	0.265632	105.011246	
2010	33	2100	33.875000000		02/02/2010 21:00	24.338	0.3706	13.13	47.4981	104.9865752	105.002725	0.265873	105.011487	
2010	33	2200	33.916666667		02/02/2010 22:00	24.243	0.3693	13.06	47.5013	104.9856067	105.001757	0.264920	105.010534	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	33	2300	33.958333333		02/02/2010 23:00	24.315	0.3703	13	47.4989	104.9863407	105.002491	0.265642	105.011256	
2010	33	2400	34.000000000		02/03/2010 0:00	24.196	0.3686	12.93	47.5029	104.9851276	105.001277	0.264449	105.010063	
2010	34	100	34.041666667		02/03/2010 1:00	24.279	0.3698	12.88	47.5001	104.9859737	105.002124	0.265281	105.010895	
2010	34	200	34.083333333		02/03/2010 2:00	24.136	0.3678	12.81	47.5049	104.9845159	105.000666	0.263848	105.009462	
2010	34	300	34.125000000		02/03/2010 3:00	24.056	0.3666	12.76	47.5075	104.9837004	104.999850	0.263045	105.008659	
2010	34	400	34.166666667		02/03/2010 4:00	24.116	0.3675	12.71	47.5055	104.9843121	105.000462	0.263647	105.009261	
2010	34	500	34.208333333		02/03/2010 5:00	24.234	0.3691	12.66	47.5016	104.985515	105.001665	0.264830	105.010444	
2010	34	600	34.250000000		02/03/2010 6:00	24.163	0.3681	12.62	47.5040	104.9847912	105.000941	0.264118	105.009732	
2010	34	700	34.291666667		02/03/2010 7:00	24.246	0.3693	12.59	47.5012	104.9856373	105.001787	0.264950	105.010564	
2010	34	800	34.333333333		02/03/2010 8:00	24.27	0.3696	12.62	47.5004	104.985882	105.002032	0.265191	105.010805	
2010	34	900	34.375000000		02/03/2010 9:00	24.244	0.3693	13.87	47.5013	104.9856169	105.001767	0.264930	105.010544	
2010	34	1000	34.416666667		02/03/2010 10:00	24.338	0.3706	13.85	47.4981	104.9865752	105.002725	0.265873	105.011487	
2010	34	1100	34.458333333		02/03/2010 11:00	24.421	0.3717	13.83	47.4953	104.9874213	105.003571	0.266705	105.012319	
2010	34	1200	34.500000000		02/03/2010 12:00	24.122	0.3676	13.79	47.5053	104.9843732	105.000523	0.263707	105.009321	
2010	34	1300	34.541666667		02/03/2010 13:00	24.26	0.3695	13.76	47.5007	104.98578	105.001930	0.265091	105.010705	
2010	34	1400	34.583333333		02/03/2010 14:00	24.095	0.3672	13.73	47.5062	104.984098	105.000248	0.263436	105.009050	
2010	34	1500	34.625000000		02/03/2010 15:00	24.794	0.3770	13.72	47.4829	104.9912237	105.007374	0.270445	105.016059	
2010	34	1600	34.666666667		02/03/2010 16:00	24.118	0.3675	13.73	47.5055	104.9843324	105.000482	0.263667	105.009281	
2010	34	1700	34.708333333		02/03/2010 17:00	24.84	0.3776	13.59	47.4813	104.9916927	105.007842	0.270906	105.016520	
2010	34	1800	34.750000000		02/03/2010 18:00	24.821	0.3773	13.43	47.4820	104.991499	105.007649	0.270716	105.016330	
2010	34	1900	34.791666667		02/03/2010 19:00	24.894	0.3784	13.32	47.4795	104.9922432	105.008393	0.271448	105.017062	
2010	34	2000	34.833333333		02/03/2010 20:00	25.024	0.3802	13.23	47.4752	104.9935684	105.009718	0.272751	105.018365	
2010	34	2100	34.875000000		02/03/2010 21:00	24.838	0.3776	13.16	47.4814	104.9916723	105.007822	0.270886	105.016500	
2010	34	2200	34.916666667		02/03/2010 22:00	25.131	0.3817	13.09	47.4716	104.9946592	105.010809	0.273824	105.019438	
2010	34	2300	34.958333333		02/03/2010 23:00	25.391	0.3853	13.04	47.4629	104.9973097	105.013460	0.276431	105.022045	
2010	34	2400	35.000000000		02/04/2010 0:00	25.252	0.3834	12.97	47.4675	104.9958927	105.012043	0.275037	105.020651	
2010	35	100	35.041666667		02/04/2010 1:00	25.355	0.3848	12.91	47.4641	104.9969427	105.013093	0.276070	105.021684	
2010	35	200	35.083333333		02/04/2010 2:00	25.474	0.3865	12.85	47.4601	104.9981558	105.014306	0.277263	105.022877	
2010	35	300	35.125000000		02/04/2010 3:00	25.699	0.3896	12.79	47.4526	105.0004495	105.016599	0.279519	105.025133	
2010	35	400	35.166666667		02/04/2010 4:00	25.474	0.3865	12.74	47.4601	104.9981558	105.014306	0.277263	105.022877	
2010	35	500	35.208333333		02/04/2010 5:00	25.474	0.3865	12.7	47.4601	104.9981558	105.014306	0.277263	105.022877	
2010	35	600	35.250000000		02/04/2010 6:00	25.545	0.3875	12.65	47.4577	104.9988796	105.015029	0.277975	105.023589	
2010	35	700	35.291666667		02/04/2010 7:00	25.651	0.3889	12.61	47.4542	104.9999602	105.016110	0.279038	105.024652	
2010	35	800	35.333333333		02/04/2010 8:00	25.462	0.3863	12.74	47.4605	104.9980335	105.014183	0.277143	105.022757	
2010	35	900	35.375000000		02/04/2010 9:00	25.806	0.3911	13.83	47.4490	105.0015403	105.017690	0.280592	105.026206	
2010	35	1000	35.416666667		02/04/2010 10:00	24.457	0.3722	13.79	47.4941	104.9877883	105.003938	0.267066	105.012680	
2010	35	1100	35.458333333		02/04/2010 11:00	25.041	0.3804	13.75	47.4746	104.9937417	105.009892	0.272921	105.018535	
2010	35	1200	35.500000000		02/04/2010 12:00	24.829	0.3774	13.73	47.4817	104.9915805	105.007730	0.270796	105.016410	
2010	35	1300	35.541666667		02/04/2010 13:00	25.697	0.3896	13.68	47.4527	105.0004291	105.016579	0.279499	105.025113	
2010	35	1400	35.583333333		02/04/2010 14:00	25.508	0.3869	13.67	47.4590	104.9985024	105.014652	0.277604	105.023218	
2010	35	1500	35.625000000		02/04/2010 15:00	25.354	0.3848	13.67	47.4641	104.9969325	105.013082	0.276060	105.021674	
2010	35	1600	35.666666667		02/04/2010 16:00	25.353	0.3848	13.62	47.4642	104.9969223	105.013072	0.276050	105.021664	
2010	35	1700	35.708333333		02/04/2010 17:00	25.36	0.3849	13.41	47.4639	104.9969937	105.013143	0.276120	105.021734	
2010	35	1800	35.750000000		02/04/2010 18:00	25.291	0.3839	13.3	47.4662	104.9962903	105.012440	0.275428	105.021042	
2010	35	1900	35.791666667		02/04/2010 19:00	25.207	0.3827	13.21	47.4690	104.9954339	105.011584	0.274586	105.020200	
2010	35	2000	35.833333333		02/04/2010 20:00	25.254	0.3834	13.13	47.4675	104.9959131	105.012063	0.275057	105.020671	
2010	35	2100	35.875000000		02/04/2010 21:00	25.148	0.3819	13.05	47.4710	104.9948325	105.010982	0.273994	105.019608	
2010	35	2200	35.916666667		02/04/2010 22:00	25.124	0.3816	12.99	47.4718	104.9945878	105.010738	0.273754	105.019368	
2010	35	2300	35.958333333		02/04/2010 23:00	25.112	0.3814	12.93	47.4722	104.9944655	105.010615	0.273633	105.019247	
2010	35	2400	36.000000000		02/05/2010 0:00	25.124	0.3816	12.86	47.4718	104.9945878	105.010738	0.273754	105.019368	
2010	36	100	36.041666667		02/05/2010 1:00	24.984	0.3796	12.81	47.4765	104.9931606	105.009310	0.272350	105.017964	
2010	36	200	36.083333333		02/05/2010 2:00	25.033	0.3803	12.76	47.4749	104.9936602	105.009810	0.272841	105.018455	
2010	36	300	36.125000000		02/05/2010 3:00	24.926	0.3788	12.71	47.4784	104.9925694	105.008719	0.271768	105.017382	
2010	36	400	36.166666667		02/05/2010 4:00	24.891	0.3783	12.67	47.4796	104.9922126	105.008362	0.271417	105.017031	
2010	36	500	36.208333333		02/05/2010 5:00	24.891	0.3783	12.62	47.4796	104.9922126	105.008362	0.271417	105.017031	
2010	36	600	36.250000000		02/05/2010 6:00	24.843	0.3776	12.59	47.4812	104.9917233	105.007873	0.270936	105.016550	
2010	36	700	36.291666667		02/05/2010 7:00	24.796	0.3770	12.57	47.4828	104.9912441	105.007394	0.270465	105.016079	
2010	36	800	36.333333333		02/05/2010 8:00	24.678	0.3753	12.67	47.4867	104.9900412	105.006191	0.269282	105.014896	
2010	36	900	36.375000000		02/05/2010 9:00	24.556	0.3736	13.19	47.4908	104.9887975	105.004947	0.268059	105.013673	
2010	36	1000	36.416666667		02/05/2010 10:00	24.615	0.3745	13.75	47.4888	104.989399	105.005549	0.268650	105.014264	
2010	36	1100	36.458333333		02/05/2010 11:00	24.734	0.3761	13.73	47.4849	104.9906121	105.006762	0.269843	105.015457	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	36	1200	36.500000000		02/05/2010 12:00	24.64	0.3748	13.72	47.4880	104.9896538	105.005804	0.268901	105.014515	
2010	36	1300	36.541666667		02/05/2010 13:00	25.662	0.3891	13.64	47.4538	105.0000723	105.016222	0.279148	105.024762	
2010	36	1400	36.583333333		02/05/2010 14:00	23.153	0.3540	13.65	47.5377	104.974495	104.990645	0.253992	104.999606	
2010	36	1500	36.625000000		02/05/2010 15:00	25.329	0.3844	13.62	47.4650	104.9966776	105.012827	0.275809	105.021423	
2010	36	1600	36.666666667		02/05/2010 16:00	25.094	0.3812	13.63	47.4728	104.994282	105.010432	0.273453	105.019067	
2010	36	1700	36.708333333		02/05/2010 17:00	25.188	0.3825	13.46	47.4697	104.9952403	105.011390	0.274395	105.020009	
2010	36	1800	36.750000000		02/05/2010 18:00	25.136	0.3817	13.31	47.4714	104.9947102	105.010860	0.273874	105.019488	
2010	36	1900	36.791666667		02/05/2010 19:00	25.148	0.3819	13.22	47.4710	104.9948325	105.010982	0.273994	105.019608	
2010	36	2000	36.833333333		02/05/2010 20:00	25.313	0.3842	13.13	47.4655	104.9965145	105.012664	0.275649	105.021263	
2010	36	2100	36.875000000		02/05/2010 21:00	25.201	0.3826	13.06	47.4692	104.9953728	105.011523	0.274526	105.020140	
2010	36	2200	36.916666667		02/05/2010 22:00	25	0.3798	12.99	47.4760	104.9933237	105.009474	0.272510	105.018124	
2010	36	2300	36.958333333		02/05/2010 23:00	24.966	0.3794	12.93	47.4771	104.9929771	105.009127	0.272169	105.017783	
2010	36	2400	37.000000000		02/06/2010 0:00	24.95	0.3791	12.87	47.4776	104.992814	105.008964	0.272009	105.017623	
2010	37	100	37.041666667		02/06/2010 1:00	24.946	0.3791	12.82	47.4778	104.9927733	105.008923	0.271969	105.017583	
2010	37	200	37.083333333		02/06/2010 2:00	24.851	0.3778	12.77	47.4810	104.9918048	105.007955	0.271016	105.016630	
2010	37	300	37.125000000		02/06/2010 3:00	24.804	0.3771	12.72	47.4825	104.9913257	105.007476	0.270545	105.016159	
2010	37	400	37.166666667		02/06/2010 4:00	24.828	0.3774	12.68	47.4817	104.9915703	105.007720	0.270786	105.016400	
2010	37	500	37.208333333		02/06/2010 5:00	24.769	0.3766	12.64	47.4837	104.9909689	105.007119	0.270194	105.015808	
2010	37	600	37.250000000		02/06/2010 6:00	24.772	0.3767	12.61	47.4836	104.9909995	105.007149	0.270224	105.015838	
2010	37	700	37.291666667		02/06/2010 7:00	24.598	0.3742	12.57	47.4894	104.9892257	105.005375	0.268480	105.014094	
2010	37	800	37.333333333		02/06/2010 8:00	24.278	0.3697	13.82	47.5001	104.9859635	105.002113	0.265271	105.010885	
2010	37	900	37.375000000		02/06/2010 9:00	23.995	0.3658	13.81	47.5096	104.9830786	104.999228	0.262434	105.008048	
2010	37	1000	37.416666667		02/06/2010 10:00	24.036	0.3664	13.76	47.5082	104.9834965	104.999646	0.262845	105.008459	
2010	37	1100	37.458333333		02/06/2010 11:00	24	0.3659	13.71	47.5094	104.9831295	104.999279	0.262484	105.008098	
2010	37	1200	37.500000000		02/06/2010 12:00	23.177	0.3544	13.67	47.5369	104.9747397	104.990890	0.254232	104.999846	
2010	37	1300	37.541666667		02/06/2010 13:00	25.414	0.3856	13.64	47.4621	104.9975442	105.013694	0.276661	105.022275	
2010	37	1400	37.583333333		02/06/2010 14:00	23.793	0.3630	13.62	47.5163	104.9810193	104.997169	0.260408	105.006022	
2010	37	1500	37.625000000		02/06/2010 15:00	23.911	0.3646	13.62	47.5124	104.9822222	104.998372	0.261592	105.007206	
2010	37	1600	37.666666667		02/06/2010 16:00	23.899	0.3645	13.63	47.5128	104.9820999	104.998250	0.261471	105.007085	
2010	37	1700	37.708333333		02/06/2010 17:00	23.484	0.3587	13.46	47.5267	104.9778693	104.994019	0.257310	105.002924	
2010	37	1800	37.750000000		02/06/2010 18:00	23.255	0.3555	13.32	47.5343	104.9755348	104.991685	0.255014	105.000628	
2010	37	1900	37.791666667		02/06/2010 19:00	23.018	0.3521	13.23	47.5423	104.9731188	104.989269	0.252638	104.998252	
2010	37	2000	37.833333333		02/06/2010 20:00	22.9	0.3505	13.15	47.5462	104.9719159	104.988066	0.251455	104.997069	
2010	37	2100	37.875000000		02/06/2010 21:00	22.817	0.3493	13.08	47.5490	104.9710698	104.987220	0.250623	104.996237	
2010	37	2200	37.916666667		02/06/2010 22:00	22.603	0.3463	13.01	47.5561	104.9688882	104.985038	0.248477	104.994091	
2010	37	2300	37.958333333		02/06/2010 23:00	22.52	0.3452	12.93	47.5589	104.9680421	104.984192	0.247645	104.993259	
2010	37	2400	38.000000000		02/07/2010 0:00	22.379	0.3432	12.88	47.5636	104.9666047	104.982755	0.246231	104.991845	
2010	38	100	38.041666667		02/07/2010 1:00	22.313	0.3423	12.82	47.5658	104.9659319	104.982082	0.245569	104.991183	
2010	38	200	38.083333333		02/07/2010 2:00	22.029	0.3383	12.76	47.5753	104.9630367	104.979187	0.242722	104.988336	
2010	38	300	38.125000000		02/07/2010 3:00	21.839	0.3357	12.71	47.5817	104.9610998	104.977250	0.240817	104.986431	
2010	38	400	38.166666667		02/07/2010 4:00	21.674	0.3334	12.66	47.5872	104.9594178	104.975568	0.239163	104.984777	
2010	38	500	38.208333333		02/07/2010 5:00	21.603	0.3324	12.63	47.5896	104.958694	104.974844	0.238451	104.984065	
2010	38	600	38.250000000		02/07/2010 6:00	21.449	0.3302	12.59	47.5947	104.9571241	104.973274	0.236907	104.982521	
2010	38	700	38.291666667		02/07/2010 7:00	21.319	0.3284	12.57	47.5991	104.9557988	104.971949	0.235603	104.981217	
2010	38	800	38.333333333		02/07/2010 8:00	21.046	0.3246	12.85	47.6082	104.9530158	104.969166	0.232866	104.978480	
2010	38	900	38.375000000		02/07/2010 9:00	21.035	0.3244	13.81	47.6086	104.9529037	104.969053	0.232756	104.978370	
2010	38	1000	38.416666667		02/07/2010 10:00	20.761	0.3206	13.8	47.6177	104.9501104	104.966260	0.230008	104.975622	
2010	38	1100	38.458333333		02/07/2010 11:00	20.615	0.3186	13.77	47.6226	104.9486221	104.964772	0.228545	104.974159	
2010	38	1200	38.500000000		02/07/2010 12:00	20.592	0.3182	13.73	47.6234	104.9483876	104.964537	0.228314	104.973928	
2010	38	1300	38.541666667		02/07/2010 13:00	20.154	0.3121	13.72	47.6380	104.9439226	104.960072	0.223922	104.969536	
2010	38	1400	38.583333333		02/07/2010 14:00	20.101	0.3114	13.67	47.6398	104.9433823	104.959532	0.223391	104.969005	
2010	38	1500	38.625000000		02/07/2010 15:00	20.539	0.3175	13.66	47.6252	104.9478473	104.963997	0.227783	104.973397	
2010	38	1600	38.666666667		02/07/2010 16:00	20.022	0.3103	13.7	47.6425	104.9425769	104.958727	0.222599	104.968213	
2010	38	1700	38.708333333		02/07/2010 17:00	19.953	0.3093	13.56	47.6448	104.9418735	104.958023	0.221907	104.967521	
2010	38	1800	38.750000000		02/07/2010 18:00	19.715	0.3060	13.4	47.6527	104.9394473	104.955597	0.219521	104.965135	
2010	38	1900	38.791666667		02/07/2010 19:00	19.538	0.3035	13.29	47.6587	104.9376429	104.953793	0.217746	104.963360	
2010	38	2000	38.833333333		02/07/2010 20:00	19.419	0.3018	13.2	47.6626	104.9364298	104.952580	0.216553	104.962167	
2010	38	2100	38.875000000		02/07/2010 21:00	19.316	0.3004	13.13	47.6661	104.9353798	104.951530	0.215520	104.961134	
2010	38	2200	38.916666667		02/07/2010 22:00	19.2	0.2988	13.06	47.6700	104.9341973	104.950347	0.214357	104.959971	
2010	38	2300	38.958333333		02/07/2010 23:00	19.034	0.2965	13	47.6755	104.932505	104.948655	0.212693	104.958307	
2010	38	2400	39.000000000		02/08/2010 0:00	18.774	0.2928	12.93	47.6842	104.9298545	104.946004	0.210086	104.955700	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	39	100	39.041666667		02/08/2010 1:00	18.667	0.2913	12.87	47.6878	104.9287638	104.944914	0.209013	104.954627	
2010	39	200	39.083333333		02/08/2010 2:00	18.56	0.2898	12.81	47.6914	104.927673	104.943823	0.207940	104.953554	
2010	39	300	39.125000000		02/08/2010 3:00	18.478	0.2887	12.76	47.6941	104.926837	104.942987	0.207118	104.952732	
2010	39	400	39.166666667		02/08/2010 4:00	18.359	0.2870	12.71	47.6981	104.9256239	104.941774	0.205925	104.951539	
2010	39	500	39.208333333		02/08/2010 5:00	18.241	0.2854	12.66	47.7020	104.924421	104.940571	0.204742	104.950356	
2010	39	600	39.250000000		02/08/2010 6:00	18.158	0.2842	12.63	47.7048	104.9235749	104.939725	0.203910	104.949524	
2010	39	700	39.291666667		02/08/2010 7:00	18.04	0.2826	12.6	47.7088	104.922372	104.938522	0.202727	104.948341	
2010	39	800	39.333333333		02/08/2010 8:00	17.91	0.2808	12.63	47.7131	104.9210467	104.937197	0.201423	104.947037	
2010	39	900	39.375000000		02/08/2010 9:00	17.709	0.2779	13.54	47.7198	104.9189977	104.935148	0.199408	104.945022	
2010	39	1000	39.416666667		02/08/2010 10:00	17.658	0.2772	13.78	47.7215	104.9184778	104.934628	0.198897	104.944511	
2010	39	1100	39.458333333		02/08/2010 11:00	17.727	0.2782	13.76	47.7192	104.9191812	104.935331	0.199588	104.945202	
2010	39	1200	39.500000000		02/08/2010 12:00	17.443	0.2742	13.72	47.7287	104.916286	104.932436	0.196741	104.942355	
2010	39	1300	39.541666667		02/08/2010 13:00	17.136	0.2699	13.71	47.7390	104.9131564	104.929306	0.193663	104.939277	
2010	39	1400	39.583333333		02/08/2010 14:00	17.545	0.2757	13.69	47.7253	104.9173258	104.933476	0.197764	104.943378	
2010	39	1500	39.625000000		02/08/2010 15:00	17.047	0.2687	13.68	47.7420	104.9122491	104.928399	0.192770	104.938384	
2010	39	1600	39.666666667		02/08/2010 16:00	17.099	0.2694	13.69	47.7402	104.9127792	104.928929	0.193292	104.938906	
2010	39	1700	39.708333333		02/08/2010 17:00	16.899	0.2666	13.52	47.7469	104.9107404	104.926890	0.191287	104.936901	
2010	39	1800	39.750000000		02/08/2010 18:00	16.603	0.2625	13.37	47.7568	104.9077229	104.923873	0.188319	104.933933	
2010	39	1900	39.791666667		02/08/2010 19:00	16.461	0.2605	13.27	47.7616	104.9062753	104.922425	0.186895	104.932509	
2010	39	2000	39.833333333		02/08/2010 20:00	16.307	0.2584	13.18	47.7667	104.9047054	104.920855	0.185351	104.930965	
2010	39	2100	39.875000000		02/08/2010 21:00	16.13	0.2559	13.11	47.7726	104.902901	104.919051	0.183576	104.929190	
2010	39	2200	39.916666667		02/08/2010 22:00	15.942	0.2532	13.04	47.7789	104.9009845	104.917134	0.181691	104.927305	
2010	39	2300	39.958333333		02/08/2010 23:00	15.788	0.2511	12.98	47.7841	104.8994146	104.915564	0.180147	104.925761	
2010	39	2400	40.000000000		02/09/2010 0:00	15.599	0.2485	12.91	47.7904	104.8974879	104.913638	0.178252	104.923866	
2010	40	100	40.041666667		02/09/2010 1:00	15.386	0.2455	12.86	47.7975	104.8953165	104.911466	0.176117	104.921731	
2010	40	200	40.083333333		02/09/2010 2:00	15.185	0.2427	12.8	47.8042	104.8932675	104.909417	0.174101	104.919715	
2010	40	300	40.125000000		02/09/2010 3:00	15.066	0.2410	12.75	47.8082	104.8920544	104.908204	0.172908	104.918522	
2010	40	400	40.166666667		02/09/2010 4:00	14.83	0.2377	12.7	47.8161	104.8896485	104.905798	0.170542	104.916156	
2010	40	500	40.208333333		02/09/2010 5:00	14.629	0.2349	12.66	47.8228	104.8875995	104.903749	0.168527	104.914141	
2010	40	600	40.250000000		02/09/2010 6:00	14.534	0.2336	12.63	47.8260	104.886631	104.902781	0.167574	104.913188	
2010	40	700	40.291666667		02/09/2010 7:00	14.358	0.2311	12.59	47.8319	104.8848369	104.900987	0.165809	104.911423	
2010	40	800	40.333333333		02/09/2010 8:00	14.11	0.2276	12.68	47.8402	104.8823087	104.898459	0.163323	104.908937	
2010	40	900	40.375000000		02/09/2010 9:00	13.825	0.2237	13.79	47.8497	104.8794033	104.895553	0.160465	104.906079	
2010	40	1000	40.416666667		02/09/2010 10:00	13.644	0.2211	13.76	47.8558	104.8775582	104.893708	0.158651	104.904265	
2010	40	1100	40.458333333		02/09/2010 11:00	13.526	0.2195	13.73	47.8597	104.8763553	104.892505	0.157468	104.903082	
2010	40	1200	40.500000000		02/09/2010 12:00	13.64	0.2211	13.67	47.8559	104.8775174	104.893667	0.158611	104.904225	
2010	40	1300	40.541666667		02/09/2010 13:00	12.28	0.2021	13.63	47.9014	104.8636533	104.879803	0.144975	104.890589	
2010	40	1400	40.583333333		02/09/2010 14:00	13.059	0.2130	13.61	47.8753	104.8715946	104.887744	0.152785	104.898399	
2010	40	1500	40.625000000		02/09/2010 15:00	12.408	0.2039	13.61	47.8971	104.8649581	104.881108	0.146258	104.891872	
2010	40	1600	40.666666667		02/09/2010 16:00	13.033	0.2126	13.59	47.8762	104.8713295	104.887479	0.152524	104.898139	
2010	40	1700	40.708333333		02/09/2010 17:00	13.025	0.2125	13.52	47.8765	104.871248	104.887398	0.152444	104.898058	
2010	40	1800	40.750000000		02/09/2010 18:00	12.437	0.2043	13.35	47.8961	104.8652538	104.881404	0.146549	104.892163	
2010	40	1900	40.791666667		02/09/2010 19:00	12.238	0.2015	13.25	47.9028	104.8632251	104.879375	0.144554	104.890168	
2010	40	2000	40.833333333		02/09/2010 20:00	12.097	0.1995	13.16	47.9075	104.8617877	104.877938	0.143140	104.888754	
2010	40	2100	40.875000000		02/09/2010 21:00	11.933	0.1972	13.09	47.9130	104.8601159	104.876266	0.141495	104.887109	
2010	40	2200	40.916666667		02/09/2010 22:00	12.028	0.1986	13.03	47.9098	104.8610843	104.877234	0.142448	104.888062	
2010	40	2300	40.958333333		02/09/2010 23:00	11.544	0.1918	12.95	47.9260	104.8561503	104.872300	0.137595	104.883209	
2010	40	2400	41.000000000		02/10/2010 0:00	11.71	0.1941	12.89	47.9205	104.8578426	104.873992	0.139260	104.884874	
2010	41	100	41.041666667		02/10/2010 1:00	11.676	0.1936	12.83	47.9216	104.857496	104.873646	0.138919	104.884533	
2010	41	200	41.083333333		02/10/2010 2:00	11.664	0.1935	12.78	47.9220	104.8573736	104.873523	0.138798	104.884412	
2010	41	300	41.125000000		02/10/2010 3:00	11.899	0.1967	12.72	47.9141	104.8597693	104.875919	0.141155	104.886769	
2010	41	400	41.166666667		02/10/2010 4:00	11.923	0.1971	12.68	47.9133	104.8600139	104.876164	0.141395	104.887009	
2010	41	500	41.208333333		02/10/2010 5:00	12.124	0.1999	12.63	47.9066	104.862063	104.878213	0.143411	104.889025	
2010	41	600	41.250000000		02/10/2010 6:00	12.312	0.2025	12.6	47.9003	104.8639795	104.880129	0.145295	104.890909	
2010	41	700	41.291666667		02/10/2010 7:00	12.809	0.2095	12.58	47.8837	104.869046	104.885196	0.150279	104.895893	
2010	41	800	41.333333333		02/10/2010 8:00	12.94	0.2113	13.89	47.8793	104.8703815	104.886531	0.151592	104.897206	
2010	41	900	41.375000000		02/10/2010 9:00	12.915	0.2109	13.85	47.8802	104.8701266	104.886276	0.151341	104.896955	
2010	41	1000	41.416666667		02/10/2010 10:00	13.005	0.2122	13.79	47.8772	104.8710441	104.887194	0.152244	104.897858	
2010	41	1100	41.458333333		02/10/2010 11:00	14.213	0.2291	13.74	47.8367	104.8833587	104.899509	0.164356	104.909970	
2010	41	1200	41.500000000		02/10/2010 12:00	13.503	0.2192	13.71	47.8605	104.8761208	104.892271	0.157237	104.902851	
2010	41	1300	41.541666667		02/10/2010 13:00	13.877	0.2244	13.67	47.8480	104.8799334	104.896083	0.160987	104.906601	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	41	1400	41.583333333		02/10/2010 14:00	14.149	0.2282	13.66	47.8389	104.8827063	104.898856	0.163714	104.909328	
2010	41	1500	41.625000000		02/10/2010 15:00	14.113	0.2277	13.66	47.8401	104.8823393	104.898489	0.163353	104.908967	
2010	41	1600	41.666666667		02/10/2010 16:00	14.303	0.2303	13.67	47.8337	104.8842762	104.900426	0.165258	104.910872	
2010	41	1700	41.708333333		02/10/2010 17:00	14.48	0.2328	13.47	47.8278	104.8860806	104.902230	0.167033	104.912647	
2010	41	1800	41.750000000		02/10/2010 18:00	14.473	0.2327	13.33	47.8281	104.8860092	104.902159	0.166963	104.912577	
2010	41	1900	41.791666667		02/10/2010 19:00	14.603	0.2345	13.23	47.8237	104.8873344	104.903484	0.168266	104.913880	
2010	41	2000	41.833333333		02/10/2010 20:00	14.614	0.2347	13.15	47.8233	104.8874466	104.903596	0.168376	104.913990	
2010	41	2100	41.875000000		02/10/2010 21:00	14.756	0.2367	13.08	47.8186	104.8888942	104.905044	0.169800	104.915414	
2010	41	2200	41.916666667		02/10/2010 22:00	14.91	0.2388	13.01	47.8134	104.8904641	104.906614	0.171344	104.916958	
2010	41	2300	41.958333333		02/10/2010 23:00	15.076	0.2411	12.95	47.8079	104.8921563	104.908306	0.173008	104.918622	
2010	41	2400	42.000000000		02/11/2010 0:00	15.244	0.2435	12.89	47.8023	104.8938689	104.910019	0.174693	104.920307	
2010	42	100	42.041666667		02/11/2010 1:00	15.47	0.2467	12.83	47.7947	104.8961728	104.912323	0.176959	104.922573	
2010	42	200	42.083333333		02/11/2010 2:00	15.625	0.2488	12.78	47.7895	104.8977529	104.913903	0.178513	104.924127	
2010	42	300	42.125000000		02/11/2010 3:00	16.028	0.2545	12.72	47.7760	104.9018612	104.918011	0.182554	104.928168	
2010	42	400	42.166666667		02/11/2010 4:00	16.241	0.2574	12.68	47.7689	104.9040326	104.920182	0.184689	104.930303	
2010	42	500	42.208333333		02/11/2010 5:00	16.572	0.2621	12.64	47.7579	104.9074069	104.923557	0.188008	104.933622	
2010	42	600	42.250000000		02/11/2010 6:00	16.844	0.2659	12.6	47.7488	104.9101797	104.926330	0.190735	104.936349	
2010	42	700	42.291666667		02/11/2010 7:00	17.188	0.2707	12.57	47.7372	104.9136865	104.929836	0.194184	104.939798	
2010	42	800	42.333333333		02/11/2010 8:00	17.59	0.2763	12.59	47.7238	104.9177846	104.933934	0.198215	104.943829	
2010	42	900	42.375000000		02/11/2010 9:00	17.967	0.2815	13.78	47.7112	104.9216278	104.937778	0.201995	104.947609	
2010	42	1000	42.416666667		02/11/2010 10:00	18.2	0.2848	13.78	47.7034	104.9240031	104.940153	0.204331	104.949945	
2010	42	1100	42.458333333		02/11/2010 11:00	18.295	0.2861	13.73	47.7002	104.9249715	104.941121	0.205283	104.950897	
2010	42	1200	42.500000000		02/11/2010 12:00	18.698	0.2918	13.7	47.6867	104.9290798	104.945230	0.209324	104.954938	
2010	42	1300	42.541666667		02/11/2010 13:00	19.332	0.3006	13.65	47.6655	104.9355429	104.951693	0.215681	104.961295	
2010	42	1400	42.583333333		02/11/2010 14:00	19.084	0.2972	13.63	47.6738	104.9330147	104.949165	0.213194	104.958808	
2010	42	1500	42.625000000		02/11/2010 15:00	19.865	0.3081	13.62	47.6477	104.9409764	104.957126	0.221025	104.966639	
2010	42	1600	42.666666667		02/11/2010 16:00	19.876	0.3082	13.65	47.6473	104.9410886	104.957238	0.221135	104.966749	
2010	42	1700	42.708333333		02/11/2010 17:00	20.172	0.3124	13.45	47.6374	104.9441061	104.960256	0.224103	104.969717	
2010	42	1800	42.750000000		02/11/2010 18:00	20.261	0.3136	13.31	47.6345	104.9450133	104.961163	0.224995	104.970609	
2010	42	1900	42.791666667		02/11/2010 19:00	20.58	0.3181	13.22	47.6238	104.9482653	104.964415	0.228194	104.973808	
2010	42	2000	42.833333333		02/11/2010 20:00	20.769	0.3207	13.14	47.6175	104.950192	104.966342	0.230089	104.975703	
2010	42	2100	42.875000000		02/11/2010 21:00	20.899	0.3225	13.06	47.6131	104.9515173	104.967667	0.231392	104.977006	
2010	42	2200	42.916666667		02/11/2010 22:00	21.289	0.3280	12.99	47.6001	104.955493	104.971643	0.235302	104.980916	
2010	42	2300	42.958333333		02/11/2010 23:00	21.467	0.3305	12.94	47.5941	104.9573076	104.973457	0.237087	104.982701	
2010	42	2400	43.000000000		02/12/2010 0:00	21.739	0.3343	12.88	47.5850	104.9600804	104.976230	0.239814	104.985428	
2010	43	100	43.041666667		02/12/2010 1:00	21.977	0.3376	12.82	47.5771	104.9625066	104.978656	0.242201	104.987815	
2010	43	200	43.083333333		02/12/2010 2:00	22.194	0.3406	12.76	47.5698	104.9647188	104.980869	0.244376	104.989990	
2010	43	300	43.125000000		02/12/2010 3:00	22.456	0.3443	12.71	47.5611	104.9673897	104.983539	0.247003	104.992617	
2010	43	400	43.166666667		02/12/2010 4:00	22.693	0.3476	12.66	47.5531	104.9698057	104.985956	0.249379	104.994993	
2010	43	500	43.208333333		02/12/2010 5:00	23.001	0.3519	12.63	47.5428	104.9729455	104.989095	0.252468	104.998082	
2010	43	600	43.250000000		02/12/2010 6:00	22.657	0.3471	12.59	47.5543	104.9694387	104.985589	0.249019	104.994633	
2010	43	700	43.291666667		02/12/2010 7:00	23.301	0.3561	12.57	47.5328	104.9760038	104.992154	0.255476	105.001090	
2010	43	800	43.333333333		02/12/2010 8:00	23.598	0.3602	12.82	47.5229	104.9790314	104.995181	0.258453	105.004067	
2010	43	900	43.375000000		02/12/2010 9:00	23.717	0.3619	13.7	47.5189	104.9802446	104.996394	0.259646	105.005260	
2010	43	1000	43.416666667		02/12/2010 10:00	23.977	0.3655	13.7	47.5102	104.9828951	104.999045	0.262253	105.007867	
2010	43	1100	43.458333333		02/12/2010 11:00	24.258	0.3695	13.69	47.5008	104.9857596	105.001909	0.265071	105.010685	
2010	43	1200	43.500000000		02/12/2010 12:00	24.312	0.3702	13.67	47.4990	104.9863101	105.002460	0.265612	105.011226	
2010	43	1300	43.541666667		02/12/2010 13:00	24.656	0.3750	13.63	47.4875	104.9898169	105.005967	0.269061	105.014675	
2010	43	1400	43.583333333		02/12/2010 14:00	24.834	0.3775	13.63	47.4815	104.9916315	105.007781	0.270846	105.016460	
2010	43	1500	43.625000000		02/12/2010 15:00	24.834	0.3775	13.62	47.4815	104.9916315	105.007781	0.270846	105.016460	
2010	43	1600	43.666666667		02/12/2010 16:00	25.904	0.3925	13.58	47.4457	105.0025393	105.018689	0.281574	105.027188	
2010	43	1700	43.708333333		02/12/2010 17:00	25.491	0.3867	13.51	47.4596	104.9983291	105.014479	0.277433	105.023047	
2010	43	1800	43.750000000		02/12/2010 18:00	25.2	0.3826	13.33	47.4693	104.9953626	105.011512	0.274516	105.020130	
2010	43	1900	43.791666667		02/12/2010 19:00	25.421	0.3857	13.23	47.4619	104.9976155	105.013765	0.276731	105.022345	
2010	43	2000	43.833333333		02/12/2010 20:00	25.206	0.3827	13.14	47.4691	104.9954238	105.011574	0.274576	105.020190	
2010	43	2100	43.875000000		02/12/2010 21:00	25.588	0.3881	13.07	47.4563	104.9993179	105.015468	0.278406	105.024020	
2010	43	2200	43.916666667		02/12/2010 22:00	25.471	0.3864	13	47.4602	104.9981252	105.014275	0.277233	105.022847	
2010	43	2300	43.958333333		02/12/2010 23:00	25.68	0.3893	12.95	47.4532	105.0002558	105.016406	0.279328	105.024942	
2010	43	2400	44.000000000		02/13/2010 0:00	25.61	0.3884	12.88	47.4556	104.9995422	105.015692	0.278626	105.024240	
2010	44	100	44.041666667		02/13/2010 1:00	25.645	0.3889	12.83	47.4544	104.999899	105.016049	0.278977	105.024591	
2010	44	200	44.083333333		02/13/2010 2:00	25.467	0.3864	12.77	47.4604	104.9980844	105.014234	0.277193	105.022807	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	44	300	44.125000000		02/13/2010 3:00	25.326	0.3844	12.72	47.4651	104.9966471	105.012797	0.275779	105.021393	
2010	44	400	44.166666667		02/13/2010 4:00	25.739	0.3902	12.67	47.4513	105.0008573	105.017007	0.279920	105.025534	
2010	44	500	44.208333333		02/13/2010 5:00	25.515	0.3870	12.64	47.4587	104.9985738	105.014724	0.277674	105.023288	
2010	44	600	44.250000000		02/13/2010 6:00	25.399	0.3854	12.61	47.4626	104.9973912	105.013541	0.276511	105.022125	
2010	44	700	44.291666667		02/13/2010 7:00	25.58	0.3879	12.57	47.4566	104.9992364	105.015386	0.278326	105.023940	
2010	44	800	44.333333333		02/13/2010 8:00	25.142	0.3818	13.77	47.4712	104.9947713	105.010921	0.273934	105.019548	
2010	44	900	44.375000000		02/13/2010 9:00	25.409	0.3856	13.72	47.4623	104.9974932	105.013643	0.276611	105.022225	
2010	44	1000	44.416666667		02/13/2010 10:00	25.539	0.3874	13.71	47.4579	104.9988184	105.014968	0.277915	105.023529	
2010	44	1100	44.458333333		02/13/2010 11:00	25.094	0.3812	13.65	47.4728	104.994282	105.010432	0.273453	105.019067	
2010	44	1200	44.500000000		02/13/2010 12:00	25.445	0.3861	13.6	47.4611	104.9978602	105.014010	0.276972	105.022586	
2010	44	1300	44.541666667		02/13/2010 13:00	25.17	0.3822	13.57	47.4703	104.9950568	105.011207	0.274215	105.019829	
2010	44	1400	44.583333333		02/13/2010 14:00	25.158	0.3820	13.55	47.4707	104.9949344	105.011084	0.274095	105.019709	
2010	44	1500	44.625000000		02/13/2010 15:00	25.675	0.3893	13.53	47.4534	105.0002048	105.016355	0.279278	105.024892	
2010	44	1600	44.666666667		02/13/2010 16:00	25.371	0.3850	13.56	47.4636	104.9971058	105.013256	0.276230	105.021844	
2010	44	1700	44.708333333		02/13/2010 17:00	25.374	0.3851	13.42	47.4635	104.9971364	105.013286	0.276260	105.021874	
2010	44	1800	44.750000000		02/13/2010 18:00	25.26	0.3835	13.27	47.4673	104.9959742	105.012124	0.275117	105.020731	
2010	44	1900	44.791666667		02/13/2010 19:00	25.129	0.3816	13.18	47.4717	104.9946388	105.010789	0.273804	105.019418	
2010	44	2000	44.833333333		02/13/2010 20:00	25.034	0.3803	13.09	47.4748	104.9936703	105.009820	0.272851	105.018465	
2010	44	2100	44.875000000		02/13/2010 21:00	24.971	0.3794	13.02	47.4769	104.9930281	105.009178	0.272220	105.017834	
2010	44	2200	44.916666667		02/13/2010 22:00	24.924	0.3788	12.95	47.4785	104.992549	105.008699	0.271748	105.017362	
2010	44	2300	44.958333333		02/13/2010 23:00	24.841	0.3776	12.89	47.4813	104.9917029	105.007853	0.270916	105.016530	
2010	44	2400	45.000000000		02/14/2010 0:00	24.745	0.3763	12.83	47.4845	104.9907242	105.006874	0.269954	105.015568	
2010	45	100	45.041666667		02/14/2010 1:00	24.512	0.3730	12.78	47.4923	104.988349	105.004499	0.267617	105.013231	
2010	45	200	45.083333333		02/14/2010 2:00	24.407	0.3716	12.72	47.4958	104.9872786	105.003428	0.266565	105.012179	
2010	45	300	45.125000000		02/14/2010 3:00	24.125	0.3676	12.67	47.5052	104.9844038	105.000554	0.263737	105.009351	
2010	45	400	45.166666667		02/14/2010 4:00	24.007	0.3660	12.63	47.5092	104.9832009	104.999351	0.262554	105.008168	
2010	45	500	45.208333333		02/14/2010 5:00	23.899	0.3645	12.6	47.5128	104.9820999	104.998250	0.261471	105.007085	
2010	45	600	45.250000000		02/14/2010 6:00	23.789	0.3629	12.58	47.5165	104.9809785	104.997128	0.260368	105.005982	
2010	45	700	45.291666667		02/14/2010 7:00	23.625	0.3606	12.56	47.5220	104.9793067	104.995457	0.258724	105.004338	
2010	45	800	45.333333333		02/14/2010 8:00	23.388	0.3573	12.58	47.5299	104.9768907	104.993040	0.256348	105.001962	
2010	45	900	45.375000000		02/14/2010 9:00	23.327	0.3565	13.47	47.5319	104.9762688	104.992419	0.255736	105.001350	
2010	45	1000	45.416666667		02/14/2010 10:00	23.136	0.3538	13.76	47.5383	104.9743217	104.990472	0.253821	104.999435	
2010	45	1100	45.458333333		02/14/2010 11:00	22.864	0.3500	13.74	47.5474	104.9715489	104.987699	0.251094	104.996708	
2010	45	1200	45.500000000		02/14/2010 12:00	22.734	0.3482	13.72	47.5518	104.9702236	104.986373	0.249791	104.995405	
2010	45	1300	45.541666667		02/14/2010 13:00	22.633	0.3468	13.69	47.5551	104.969194	104.985344	0.248778	104.994392	
2010	45	1400	45.583333333		02/14/2010 14:00	22.36	0.3429	13.68	47.5643	104.966411	104.982561	0.246041	104.991655	
2010	45	1500	45.625000000		02/14/2010 15:00	22.195	0.3406	13.67	47.5698	104.964729	104.980879	0.244386	104.990000	
2010	45	1600	45.666666667		02/14/2010 16:00	21.804	0.3352	13.66	47.5829	104.960743	104.976893	0.240466	104.986080	
2010	45	1700	45.708333333		02/14/2010 17:00	22.006	0.3380	13.48	47.5761	104.9628023	104.978952	0.242491	104.988105	
2010	45	1800	45.750000000		02/14/2010 18:00	21.78	0.3348	13.33	47.5837	104.9604984	104.976648	0.240225	104.985839	
2010	45	1900	45.791666667		02/14/2010 19:00	21.586	0.3321	13.23	47.5902	104.9585207	104.974671	0.238280	104.983894	
2010	45	2000	45.833333333		02/14/2010 20:00	21.337	0.3286	13.15	47.5985	104.9559823	104.972132	0.235784	104.981398	
2010	45	2100	45.875000000		02/14/2010 21:00	21.148	0.3260	13.07	47.6048	104.9540556	104.970205	0.233889	104.979503	
2010	45	2200	45.916666667		02/14/2010 22:00	20.994	0.3239	13.01	47.6100	104.9524857	104.968636	0.232345	104.977959	
2010	45	2300	45.958333333		02/14/2010 23:00	20.775	0.3208	12.94	47.6173	104.9502532	104.966403	0.230149	104.975763	
2010	45	2400	46.000000000		02/15/2010 0:00	20.561	0.3178	12.87	47.6244	104.9480716	104.964221	0.228003	104.973617	
2010	46	100	46.041666667		02/15/2010 1:00	20.431	0.3160	12.82	47.6288	104.9467464	104.962896	0.226700	104.972314	
2010	46	200	46.083333333		02/15/2010 2:00	20.105	0.3114	12.76	47.6397	104.943423	104.959573	0.223431	104.969045	
2010	46	300	46.125000000		02/15/2010 3:00	19.904	0.3086	12.71	47.6464	104.941374	104.957524	0.221416	104.967030	
2010	46	400	46.166666667		02/15/2010 4:00	19.617	0.3046	12.66	47.6560	104.9384483	104.954598	0.218538	104.964152	
2010	46	500	46.208333333		02/15/2010 5:00	19.449	0.3023	12.62	47.6616	104.9367356	104.952885	0.216854	104.962468	
2010	46	600	46.250000000		02/15/2010 6:00	19.27	0.2998	12.6	47.6676	104.9349109	104.951061	0.215059	104.960673	
2010	46	700	46.291666667		02/15/2010 7:00	19.117	0.2976	12.57	47.6727	104.9333512	104.949501	0.213525	104.959139	
2010	46	800	46.333333333		02/15/2010 8:00	18.916	0.2948	13.02	47.6795	104.9313021	104.947452	0.211510	104.957124	
2010	46	900	46.375000000		02/15/2010 9:00	18.715	0.2920	13.83	47.6862	104.9292531	104.945403	0.209494	104.955108	
2010	46	1000	46.416666667		02/15/2010 10:00	18.301	0.2862	13.8	47.7000	104.9250327	104.941182	0.205344	104.950958	
2010	46	1100	46.458333333		02/15/2010 11:00	18	0.2820	13.76	47.7101	104.9219642	104.938114	0.202326	104.947940	
2010	46	1200	46.500000000		02/15/2010 12:00	17.858	0.2800	13.73	47.7148	104.9205166	104.936666	0.200902	104.946516	
2010	46	1300	46.541666667		02/15/2010 13:00	17.809	0.2793	13.7	47.7165	104.9200171	104.936167	0.200411	104.946025	
2010	46	1400	46.583333333		02/15/2010 14:00	17.663	0.2773	13.67	47.7214	104.9185288	104.934679	0.198947	104.944561	
2010	46	1500	46.625000000		02/15/2010 15:00	17.332	0.2727	13.63	47.7324	104.9151545	104.931304	0.195628	104.941242	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	46	1600	46.666666667		02/15/2010 16:00	17.344	0.2728	13.63	47.7320	104.9152768	104.931427	0.195748	104.941362	
2010	46	1700	46.708333333		02/15/2010 17:00	17.072	0.2690	13.55	47.7411	104.912504	104.928654	0.193021	104.938635	
2010	46	1800	46.750000000		02/15/2010 18:00	16.781	0.2650	13.38	47.7509	104.9095375	104.925687	0.190103	104.935717	
2010	46	1900	46.791666667		02/15/2010 19:00	16.532	0.2615	13.27	47.7592	104.9069991	104.923149	0.187607	104.933221	
2010	46	2000	46.833333333		02/15/2010 20:00	16.342	0.2588	13.18	47.7655	104.9050622	104.921212	0.185702	104.931316	
2010	46	2100	46.875000000		02/15/2010 21:00	16.165	0.2564	13.11	47.7715	104.9032578	104.919408	0.183927	104.929541	
2010	46	2200	46.916666667		02/15/2010 22:00	16.023	0.2544	13.04	47.7762	104.9018102	104.917960	0.182503	104.928117	
2010	46	2300	46.958333333		02/15/2010 23:00	15.75	0.2506	12.98	47.7853	104.8990272	104.915177	0.179766	104.925380	
2010	46	2400	47.000000000		02/16/2010 0:00	15.549	0.2478	12.91	47.7921	104.8969782	104.913128	0.177751	104.923365	
2010	47	100	47.041666667		02/16/2010 1:00	15.36	0.2451	12.86	47.7984	104.8950515	104.911201	0.175856	104.921470	
2010	47	200	47.083333333		02/16/2010 2:00	15.159	0.2423	12.8	47.8051	104.8930024	104.909152	0.173841	104.919455	
2010	47	300	47.125000000		02/16/2010 3:00	14.957	0.2395	12.75	47.8119	104.8909432	104.907093	0.171815	104.917429	
2010	47	400	47.166666667		02/16/2010 4:00	14.839	0.2378	12.71	47.8158	104.8897403	104.905890	0.170632	104.916246	
2010	47	500	47.208333333		02/16/2010 5:00	14.662	0.2354	12.65	47.8217	104.8879359	104.904086	0.168857	104.914471	
2010	47	600	47.250000000		02/16/2010 6:00	14.59	0.2344	12.63	47.8241	104.8872019	104.903352	0.168136	104.913750	
2010	47	700	47.291666667		02/16/2010 7:00	14.555	0.2339	12.6	47.8253	104.8868451	104.902995	0.167785	104.913399	
2010	47	800	47.333333333		02/16/2010 8:00	14.392	0.2316	13.31	47.8308	104.8851835	104.901333	0.166150	104.911764	
2010	47	900	47.375000000		02/16/2010 9:00	14.153	0.2282	13.76	47.8388	104.882747	104.898897	0.163754	104.909368	
2010	47	1000	47.416666667		02/16/2010 10:00	14.378	0.2314	13.72	47.8312	104.8850407	104.901191	0.166010	104.911624	
2010	47	1100	47.458333333		02/16/2010 11:00	13.404	0.2178	13.66	47.8638	104.8751116	104.891261	0.156244	104.901858	
2010	47	1200	47.500000000		02/16/2010 12:00	14.161	0.2284	13.63	47.8385	104.8828286	104.898978	0.163834	104.909448	
2010	47	1300	47.541666667		02/16/2010 13:00	14.114	0.2277	13.62	47.8401	104.8823495	104.898499	0.163363	104.908977	
2010	47	1400	47.583333333		02/16/2010 14:00	13.199	0.2149	13.59	47.8707	104.8730218	104.889172	0.154189	104.899803	
2010	47	1500	47.625000000		02/16/2010 15:00	13.743	0.2225	13.57	47.8525	104.8785674	104.894717	0.159643	104.905257	
2010	47	1600	47.666666667		02/16/2010 16:00	13.624	0.2209	13.57	47.8564	104.8773543	104.893504	0.158450	104.904064	
2010	47	1700	47.708333333		02/16/2010 17:00	13.639	0.2211	13.61	47.8559	104.8775072	104.893657	0.158600	104.904214	
2010	47	1800	47.750000000		02/16/2010 18:00	13.51	0.2193	13.36	47.8603	104.8761922	104.892342	0.157307	104.902921	
2010	47	1900	47.791666667		02/16/2010 19:00	13.372	0.2173	13.26	47.8649	104.8747854	104.890935	0.155923	104.901537	
2010	47	2000	47.833333333		02/16/2010 20:00	13.1	0.2135	13.17	47.8740	104.8720125	104.888162	0.153196	104.898810	
2010	47	2100	47.875000000		02/16/2010 21:00	13.135	0.2140	13.08	47.8728	104.8723693	104.888519	0.153547	104.899161	
2010	47	2200	47.916666667		02/16/2010 22:00	13.135	0.2140	13.03	47.8728	104.8723693	104.888519	0.153547	104.899161	
2010	47	2300	47.958333333		02/16/2010 23:00	12.736	0.2084	12.95	47.8861	104.8683018	104.884452	0.149547	104.895161	
2010	47	2400	48.000000000		02/17/2010 0:00	12.911	0.2109	12.89	47.8803	104.8700858	104.886236	0.151301	104.896915	
2010	48	100	48.041666667		02/17/2010 1:00	12.793	0.2092	12.84	47.8842	104.8688829	104.885033	0.150118	104.895732	
2010	48	200	48.083333333		02/17/2010 2:00	12.736	0.2084	12.78	47.8861	104.8683018	104.884452	0.149547	104.895161	
2010	48	300	48.125000000		02/17/2010 3:00	12.832	0.2098	12.73	47.8829	104.8692805	104.885430	0.150509	104.896123	
2010	48	400	48.166666667		02/17/2010 4:00	12.725	0.2083	12.68	47.8865	104.8681897	104.884340	0.149436	104.895050	
2010	48	500	48.208333333		02/17/2010 5:00	12.902	0.2108	12.65	47.8806	104.8699941	104.886144	0.151211	104.896825	
2010	48	600	48.250000000		02/17/2010 6:00	12.879	0.2104	12.61	47.8814	104.8697596	104.885909	0.150980	104.896594	
2010	48	700	48.291666667		02/17/2010 7:00	12.855	0.2101	12.57	47.8822	104.869515	104.885665	0.150740	104.896354	
2010	48	800	48.333333333		02/17/2010 8:00	12.997	0.2121	13.82	47.8774	104.8709625	104.887112	0.152164	104.897778	
2010	48	900	48.375000000		02/17/2010 9:00	12.464	0.2046	13.8	47.8952	104.865529	104.881679	0.146819	104.892433	
2010	48	1000	48.416666667		02/17/2010 10:00	12.969	0.2117	13.76	47.8784	104.8706771	104.886827	0.151883	104.897497	
2010	48	1100	48.458333333		02/17/2010 11:00	12.544	0.2058	13.72	47.8926	104.8663445	104.882494	0.147622	104.893236	
2010	48	1200	48.500000000		02/17/2010 12:00	12.966	0.2117	13.67	47.8785	104.8706465	104.886796	0.151853	104.897467	
2010	48	1300	48.541666667		02/17/2010 13:00	12.741	0.2085	13.64	47.8860	104.8683528	104.884503	0.149597	104.895211	
2010	48	1400	48.583333333		02/17/2010 14:00	12.387	0.2036	13.62	47.8978	104.8647441	104.880894	0.146047	104.891661	
2010	48	1500	48.625000000		02/17/2010 15:00	12.277	0.2020	13.61	47.9015	104.8636227	104.879773	0.144945	104.890559	
2010	48	1600	48.666666667		02/17/2010 16:00	12.858	0.2102	13.61	47.8821	104.8695455	104.885695	0.150770	104.896384	
2010	48	1700	48.708333333		02/17/2010 17:00	13.013	0.2123	13.63	47.8769	104.8711256	104.887275	0.152324	104.897938	
2010	48	1800	48.750000000		02/17/2010 18:00	12.768	0.2089	13.4	47.8851	104.8686281	104.884778	0.149868	104.895482	
2010	48	1900	48.791666667		02/17/2010 19:00	12.652	0.2073	13.28	47.8890	104.8674455	104.883595	0.148704	104.894318	
2010	48	2000	48.833333333		02/17/2010 20:00	12.015	0.1984	13.19	47.9103	104.8609518	104.877102	0.142318	104.887932	
2010	48	2100	48.875000000		02/17/2010 21:00	12.345	0.2030	13.12	47.8992	104.8643159	104.880466	0.145626	104.891240	
2010	48	2200	48.916666667		02/17/2010 22:00	12.547	0.2058	13.05	47.8925	104.8663751	104.882525	0.147652	104.893266	
2010	48	2300	48.958333333		02/17/2010 23:00	12.488	0.2050	12.98	47.8944	104.8657737	104.881924	0.147060	104.892674	
2010	48	2400	49.000000000		02/18/2010 0:00	12.679	0.2076	12.92	47.8881	104.8677208	104.883871	0.148975	104.894589	
2010	49	100	49.041666667		02/18/2010 1:00	12.645	0.2072	12.86	47.8892	104.8673742	104.883524	0.148634	104.894248	
2010	49	200	49.083333333		02/18/2010 2:00	12.598	0.2065	12.8	47.8908	104.866895	104.883045	0.148163	104.893777	
2010	49	300	49.125000000		02/18/2010 3:00	12.716	0.2082	12.74	47.8868	104.868098	104.884248	0.149346	104.894960	
2010	49	400	49.166666667		02/18/2010 4:00	12.799	0.2093	12.68	47.8840	104.8689441	104.885094	0.150178	104.895792	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	500	49.208333333		02/18/2010 5:00	12.883	0.2105	12.65	47.8812	104.8698004	104.885950	0.151021	104.896635	
2010	49	600	49.250000000		02/18/2010 6:00	12.979	0.2118	12.6	47.8780	104.870779	104.886929	0.151983	104.897597	
2010	49	700	49.291666667		02/18/2010 7:00	13.132	0.2140	12.61	47.8729	104.8723387	104.888489	0.153517	104.899131	
2010	49	800	49.333333333		02/18/2010 8:00	12.682	0.2077	13.95	47.8880	104.8677514	104.883901	0.149005	104.894619	
2010	49	900	49.375000000		02/18/2010 9:00	12.903	0.2108	13.87	47.8806	104.8700043	104.886154	0.151221	104.896835	
2010	49	1000	49.416666667		02/18/2010 10:00	13.538	0.2197	13.78	47.8593	104.8764776	104.892627	0.157588	104.903202	
2010	49	1100	49.458333333		02/18/2010 11:00	13.075	0.2132	13.71	47.8748	104.8717577	104.887908	0.152946	104.898560	
2010	49	1200	49.500000000		02/18/2010 12:00	12.848	0.2100	13.65	47.8824	104.8694436	104.885593	0.150670	104.896284	
2010	49	1300	49.541666667		02/18/2010 13:00	14.114	0.2277	13.63	47.8401	104.8823495	104.898499	0.163363	104.908977	
2010	49	1400	49.583333333		02/18/2010 14:00	14.055	0.2269	13.63	47.8420	104.881748	104.897898	0.162771	104.908385	
2010	49	1500	49.625000000		02/18/2010 15:00	14.055	0.2269	13.64	47.8420	104.881748	104.897898	0.162771	104.908385	
2010	49	1600	49.666666667		02/18/2010 16:00	13.664	0.2214	13.66	47.8551	104.8777621	104.893912	0.158851	104.904465	
2010	49	1700	49.708333333		02/18/2010 17:00	13.928	0.2251	13.71	47.8463	104.8804533	104.896603	0.161498	104.907112	
2010	49	1800	49.750000000		02/18/2010 18:00	13.87	0.2243	13.46	47.8482	104.8798621	104.896012	0.160917	104.906531	
2010	49	1900	49.791666667		02/18/2010 19:00	14.074	0.2271	13.34	47.8414	104.8819417	104.898092	0.162962	104.908576	
2010	49	2000	49.833333333		02/18/2010 20:00	14.109	0.2276	13.25	47.8402	104.8822985	104.898448	0.163313	104.908927	
2010	49	2100	49.875000000		02/18/2010 21:00	14.09	0.2274	13.18	47.8409	104.8821048	104.898255	0.163122	104.908736	
2010	49	2200	49.916666667		02/18/2010 22:00	14.113	0.2277	13.1	47.8401	104.8823393	104.898489	0.163353	104.908967	
2010	49	2300	49.958333333		02/18/2010 23:00	14.102	0.2275	13.04	47.8405	104.8822271	104.898377	0.163243	104.908857	
2010	49	2400	50.000000000		02/19/2010 0:00	14.267	0.2298	12.97	47.8349	104.8839092	104.900059	0.164897	104.910511	
2010	50	100	50.041666667		02/19/2010 1:00	14.741	0.2365	12.92	47.8191	104.8887412	104.904891	0.169650	104.915264	
2010	50	200	50.083333333		02/19/2010 2:00	14.705	0.2360	12.86	47.8203	104.8883743	104.904524	0.169289	104.914903	
2010	50	300	50.125000000		02/19/2010 3:00	14.978	0.2398	12.8	47.8112	104.8911573	104.907307	0.172026	104.917640	
2010	50	400	50.166666667		02/19/2010 4:00	15.051	0.2408	12.74	47.8087	104.8919015	104.908051	0.172758	104.918372	
2010	50	500	50.208333333		02/19/2010 5:00	15.405	0.2457	12.7	47.7969	104.8955102	104.911660	0.176307	104.921921	
2010	50	600	50.250000000		02/19/2010 6:00	15.641	0.2490	12.65	47.7890	104.897916	104.914066	0.178673	104.924287	
2010	50	700	50.291666667		02/19/2010 7:00	15.902	0.2527	12.65	47.7803	104.9005767	104.916727	0.181290	104.926904	
2010	50	800	50.333333333		02/19/2010 8:00	15.638	0.2490	13.86	47.7891	104.8978855	104.914035	0.178643	104.924257	
2010	50	900	50.375000000		02/19/2010 9:00	16.169	0.2564	13.8	47.7713	104.9032986	104.919448	0.183967	104.929581	
2010	50	1000	50.416666667		02/19/2010 10:00	16.118	0.2557	13.74	47.7730	104.9027787	104.918929	0.183456	104.929070	
2010	50	1100	50.458333333		02/19/2010 11:00	15.973	0.2537	13.7	47.7779	104.9013005	104.917450	0.182002	104.927616	
2010	50	1200	50.500000000		02/19/2010 12:00	16.468	0.2606	13.65	47.7613	104.9063467	104.922496	0.186965	104.932579	
2010	50	1300	50.541666667		02/19/2010 13:00	16.977	0.2677	13.62	47.7443	104.9115355	104.927685	0.192069	104.937683	
2010	50	1400	50.583333333		02/19/2010 14:00	16.501	0.2611	13.6	47.7602	104.9066831	104.922833	0.187296	104.932910	
2010	50	1500	50.625000000		02/19/2010 15:00	16.38	0.2594	13.59	47.7643	104.9054496	104.921599	0.186083	104.931697	
2010	50	1600	50.666666667		02/19/2010 16:00	17.175	0.2705	13.61	47.7377	104.913554	104.929704	0.194054	104.939668	
2010	50	1700	50.708333333		02/19/2010 17:00	17.427	0.2740	13.65	47.7293	104.9161229	104.932273	0.196580	104.942194	
2010	50	1800	50.750000000		02/19/2010 18:00	17.301	0.2722	13.42	47.7335	104.9148384	104.930988	0.195317	104.940931	
2010	50	1900	50.791666667		02/19/2010 19:00	17.388	0.2735	13.3	47.7306	104.9157253	104.931875	0.196189	104.941803	
2010	50	2000	50.833333333		02/19/2010 20:00	17.27	0.2718	13.22	47.7345	104.9145224	104.930672	0.195006	104.940620	
2010	50	2100	50.875000000		02/19/2010 21:00	17.391	0.2735	13.14	47.7305	104.9157559	104.931906	0.196220	104.941834	
2010	50	2200	50.916666667		02/19/2010 22:00	17.346	0.2729	13.07	47.7320	104.9152972	104.931447	0.195768	104.941382	
2010	50	2300	50.958333333		02/19/2010 23:00	17.334	0.2727	13	47.7324	104.9151749	104.931325	0.195648	104.941262	
2010	50	2400	51.000000000		02/20/2010 0:00	17.265	0.2717	12.94	47.7347	104.9144715	104.930621	0.194956	104.940570	
2010	51	100	51.041666667		02/20/2010 1:00	17.373	0.2732	12.88	47.7311	104.9155724	104.931722	0.196039	104.941653	
2010	51	200	51.083333333		02/20/2010 2:00	16.972	0.2676	12.82	47.7445	104.9114846	104.927634	0.192018	104.937632	
2010	51	300	51.125000000		02/20/2010 3:00	17.514	0.2752	12.76	47.7263	104.9170098	104.933160	0.197453	104.943067	
2010	51	400	51.166666667		02/20/2010 4:00	17.456	0.2744	12.71	47.7283	104.9164186	104.932568	0.196871	104.942485	
2010	51	500	51.208333333		02/20/2010 5:00	17.751	0.2785	12.66	47.7184	104.9194258	104.935576	0.199829	104.945443	
2010	51	600	51.250000000		02/20/2010 6:00	17.742	0.2784	12.61	47.7187	104.9193341	104.935484	0.199739	104.945353	
2010	51	700	51.291666667		02/20/2010 7:00	17.754	0.2786	12.67	47.7183	104.9194564	104.935606	0.199859	104.945473	
2010	51	800	51.333333333		02/20/2010 8:00	18.118	0.2837	13.98	47.7061	104.9231671	104.939317	0.203509	104.949123	
2010	51	900	51.375000000		02/20/2010 9:00	17.571	0.2760	13.96	47.7244	104.9175909	104.933741	0.198024	104.943638	
2010	51	1000	51.416666667		02/20/2010 10:00	17.318	0.2725	13.85	47.7329	104.9150118	104.931162	0.195488	104.941102	
2010	51	1100	51.458333333		02/20/2010 11:00	16.97	0.2676	13.76	47.7445	104.9114642	104.927614	0.191998	104.937612	
2010	51	1200	51.500000000		02/20/2010 12:00	18.669	0.2914	13.69	47.6877	104.9287841	104.944934	0.209033	104.954647	
2010	51	1300	51.541666667		02/20/2010 13:00	18.457	0.2884	13.64	47.6948	104.926623	104.942773	0.206908	104.952522	
2010	51	1400	51.583333333		02/20/2010 14:00	18.48	0.2887	13.62	47.6940	104.9268574	104.943007	0.207138	104.952752	
2010	51	1500	51.625000000		02/20/2010 15:00	19.447	0.3022	13.6	47.6617	104.9367152	104.952865	0.216834	104.962448	
2010	51	1600	51.666666667		02/20/2010 16:00	19.095	0.2973	13.61	47.6735	104.9331269	104.949277	0.213304	104.958918	
2010	51	1700	51.708333333		02/20/2010 17:00	19.32	0.3005	13.63	47.6659	104.9354206	104.951570	0.215560	104.961174	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	51	1800	51.750000000		02/20/2010 18:00	18.946	0.2952	13.41	47.6785	104.9316079	104.947758	0.211811	104.957425	
2010	51	1900	51.791666667		02/20/2010 19:00	19.066	0.2969	13.29	47.6744	104.9328312	104.948981	0.213014	104.958628	
2010	51	2000	51.833333333		02/20/2010 20:00	19.023	0.2963	13.2	47.6759	104.9323929	104.948543	0.212583	104.958197	
2010	51	2100	51.875000000		02/20/2010 21:00	19.074	0.2970	13.12	47.6742	104.9329128	104.949063	0.213094	104.958708	
2010	51	2200	51.916666667		02/20/2010 22:00	19.075	0.2970	13.06	47.6741	104.932923	104.949073	0.213104	104.958718	
2010	51	2300	51.958333333		02/20/2010 23:00	19.004	0.2960	13	47.6765	104.9321992	104.948349	0.212392	104.958006	
2010	51	2400	52.000000000		02/21/2010 0:00	18.97	0.2956	12.93	47.6776	104.9318526	104.948002	0.212051	104.957665	
2010	52	100	52.041666667		02/21/2010 1:00	19.127	0.2978	12.87	47.6724	104.9334531	104.949603	0.213625	104.959239	
2010	52	200	52.083333333		02/21/2010 2:00	19.137	0.2979	12.82	47.6721	104.933555	104.949705	0.213726	104.959340	
2010	52	300	52.125000000		02/21/2010 3:00	19.137	0.2979	12.76	47.6721	104.933555	104.949705	0.213726	104.959340	
2010	52	400	52.166666667		02/21/2010 4:00	19.198	0.2988	12.7	47.6700	104.9341769	104.950327	0.214337	104.959951	
2010	52	500	52.208333333		02/21/2010 5:00	19.199	0.2988	12.65	47.6700	104.9341871	104.950337	0.214347	104.959961	
2010	52	600	52.250000000		02/21/2010 6:00	19.225	0.2991	12.59	47.6691	104.9344521	104.950602	0.214608	104.960222	
2010	52	700	52.291666667		02/21/2010 7:00	18.893	0.2945	12.73	47.6802	104.9310676	104.947217	0.211279	104.956893	
2010	52	800	52.333333333		02/21/2010 8:00	18.689	0.2916	14	47.6870	104.928988	104.945138	0.209234	104.954848	
2010	52	900	52.375000000		02/21/2010 9:00	19.406	0.3017	13.91	47.6631	104.9362973	104.952447	0.216423	104.962037	
2010	52	1000	52.416666667		02/21/2010 10:00	18.619	0.2907	13.82	47.6894	104.9282744	104.944424	0.208532	104.954146	
2010	52	1100	52.458333333		02/21/2010 11:00	19.124	0.2977	13.73	47.6725	104.9334225	104.949572	0.213595	104.959209	
2010	52	1200	52.500000000		02/21/2010 12:00	19.237	0.2993	13.68	47.6687	104.9345745	104.950724	0.214728	104.960342	
2010	52	1300	52.541666667		02/21/2010 13:00	19.237	0.2993	13.65	47.6687	104.9345745	104.950724	0.214728	104.960342	
2010	52	1400	52.583333333		02/21/2010 14:00	19.64	0.3049	13.63	47.6552	104.9386827	104.954833	0.218769	104.964383	
2010	52	1500	52.625000000		02/21/2010 15:00	19.436	0.3021	13.61	47.6621	104.9366031	104.952753	0.216723	104.962337	
2010	52	1600	52.666666667		02/21/2010 16:00	19.51	0.3031	13.62	47.6596	104.9373575	104.953507	0.217465	104.963079	
2010	52	1700	52.708333333		02/21/2010 17:00	19.698	0.3057	13.65	47.6533	104.939274	104.955424	0.219350	104.964964	
2010	52	1800	52.750000000		02/21/2010 18:00	19.407	0.3017	13.44	47.6630	104.9363075	104.952457	0.216433	104.962047	
2010	52	1900	52.791666667		02/21/2010 19:00	19.46	0.3024	13.32	47.6613	104.9368478	104.952998	0.216964	104.962578	
2010	52	2000	52.833333333		02/21/2010 20:00	19.441	0.3021	13.23	47.6619	104.9366541	104.952804	0.216774	104.962388	
2010	52	2100	52.875000000		02/21/2010 21:00	19.122	0.2977	13.16	47.6726	104.9334021	104.949552	0.213575	104.959189	
2010	52	2200	52.916666667		02/21/2010 22:00	19.11	0.2975	13.09	47.6730	104.9332798	104.949430	0.213455	104.959069	
2010	52	2300	52.958333333		02/21/2010 23:00	19.087	0.2972	13.02	47.6737	104.9330453	104.949195	0.213224	104.958838	
2010	52	2400	53.000000000		02/22/2010 0:00	18.828	0.2936	12.96	47.6824	104.930405	104.946555	0.210627	104.956241	
2010	53	100	53.041666667		02/22/2010 1:00	18.849	0.2939	12.9	47.6817	104.9306191	104.946769	0.210838	104.956452	
2010	53	200	53.083333333		02/22/2010 2:00	18.861	0.2940	12.84	47.6813	104.9307414	104.946891	0.210958	104.956572	
2010	53	300	53.125000000		02/22/2010 3:00	18.743	0.2924	12.79	47.6852	104.9295385	104.945688	0.209775	104.955389	
2010	53	400	53.166666667		02/22/2010 4:00	19.051	0.2967	12.72	47.6749	104.9326783	104.948828	0.212863	104.958477	
2010	53	500	53.208333333		02/22/2010 5:00	18.63	0.2908	12.68	47.6890	104.9283866	104.944536	0.208642	104.954256	
2010	53	600	53.250000000		02/22/2010 6:00	18.639	0.2909	12.63	47.6887	104.9284783	104.944628	0.208732	104.954346	
2010	53	700	53.291666667		02/22/2010 7:00	18.296	0.2861	12.71	47.7002	104.9249817	104.941132	0.205293	104.950907	
2010	53	800	53.333333333		02/22/2010 8:00	18.223	0.2851	13.94	47.7026	104.9242375	104.940387	0.204561	104.950175	
2010	53	900	53.375000000		02/22/2010 9:00	18.432	0.2880	13.88	47.6956	104.9263681	104.942518	0.206657	104.952271	
2010	53	1000	53.416666667		02/22/2010 10:00	18.937	0.2951	13.79	47.6788	104.9315162	104.947666	0.211720	104.957334	
2010	53	1100	53.458333333		02/22/2010 11:00	18.615	0.2906	13.73	47.6895	104.9282337	104.944383	0.208492	104.954106	
2010	53	1200	53.500000000		02/22/2010 12:00	18.515	0.2892	13.67	47.6929	104.9272142	104.943364	0.207489	104.953103	
2010	53	1300	53.541666667		02/22/2010 13:00	18.125	0.2838	13.63	47.7059	104.9232385	104.939388	0.203579	104.949193	
2010	53	1400	53.583333333		02/22/2010 14:00	18.072	0.2830	13.59	47.7077	104.9226982	104.938848	0.203047	104.948661	
2010	53	1500	53.625000000		02/22/2010 15:00	17.492	0.2749	13.58	47.7271	104.9167855	104.932935	0.197232	104.942846	
2010	53	1600	53.666666667		02/22/2010 16:00	18.309	0.2863	13.58	47.6998	104.9251142	104.941264	0.205424	104.951038	
2010	53	1700	53.708333333		02/22/2010 17:00	18.655	0.2912	13.61	47.6882	104.9286414	104.944791	0.208893	104.954507	
2010	53	1800	53.750000000		02/22/2010 18:00	18.153	0.2841	13.37	47.7050	104.9235239	104.939674	0.203860	104.949474	
2010	53	1900	53.791666667		02/22/2010 19:00	18.913	0.2948	13.26	47.6796	104.9312715	104.947421	0.211480	104.957094	
2010	53	2000	53.833333333		02/22/2010 20:00	18.158	0.2842	13.17	47.7048	104.9235749	104.939725	0.203910	104.949524	
2010	53	2100	53.875000000		02/22/2010 21:00	18.198	0.2848	13.1	47.7035	104.9239827	104.940132	0.204311	104.949925	
2010	53	2200	53.916666667		02/22/2010 22:00	18.377	0.2873	13.03	47.6975	104.9258074	104.941957	0.206106	104.951720	
2010	53	2300	53.958333333		02/22/2010 23:00	18.286	0.2860	12.97	47.7005	104.9248798	104.941030	0.205193	104.950807	
2010	53	2400	54.000000000		02/23/2010 0:00	18.452	0.2883	12.9	47.6950	104.926572	104.942722	0.206858	104.952472	
2010	54	100	54.041666667		02/23/2010 1:00	18.431	0.2880	12.84	47.6957	104.9263579	104.942508	0.206647	104.952261	
2010	54	200	54.083333333		02/23/2010 2:00	18.656	0.2912	12.78	47.6882	104.9286516	104.944801	0.208903	104.954517	
2010	54	300	54.125000000		02/23/2010 3:00	19.035	0.2965	12.72	47.6755	104.9325152	104.948665	0.212703	104.958317	
2010	54	400	54.166666667		02/23/2010 4:00	19.095	0.2973	12.66	47.6735	104.9331269	104.949277	0.213304	104.958918	
2010	54	500	54.208333333		02/23/2010 5:00	19.58	0.3041	12.61	47.6572	104.9380711	104.954221	0.218167	104.963781	
2010	54	600	54.250000000		02/23/2010 6:00	19.485	0.3028	12.56	47.6604	104.9371026	104.953252	0.217215	104.962829	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	700	54.291666667		02/23/2010 7:00	19.568	0.3039	13.05	47.6576	104.9379487	104.954099	0.218047	104.963661	
2010	54	800	54.333333333		02/23/2010 8:00	19.697	0.3057	14.04	47.6533	104.9392638	104.955414	0.219340	104.964954	
2010	54	900	54.375000000		02/23/2010 9:00	19.928	0.3090	13.95	47.6456	104.9416187	104.957768	0.221656	104.967270	
2010	54	1000	54.416666667		02/23/2010 10:00	20.017	0.3102	13.85	47.6426	104.9425259	104.958676	0.222549	104.968163	
2010	54	1100	54.458333333		02/23/2010 11:00	20.958	0.3233	13.78	47.6112	104.9521187	104.968269	0.231984	104.977598	
2010	54	1200	54.500000000		02/23/2010 12:00	21.219	0.3270	13.73	47.6024	104.9547794	104.970929	0.234601	104.980215	
2010	54	1300	54.541666667		02/23/2010 13:00	21.451	0.3302	13.7	47.5947	104.9571445	104.973294	0.236927	104.982541	
2010	54	1400	54.583333333		02/23/2010 14:00	21.201	0.3267	13.68	47.6030	104.9545959	104.970746	0.234420	104.980034	
2010	54	1500	54.625000000		02/23/2010 15:00	21.662	0.3332	13.67	47.5876	104.9592954	104.975445	0.239042	104.984656	
2010	54	1600	54.666666667		02/23/2010 16:00	21.674	0.3334	13.67	47.5872	104.9594178	104.975568	0.239163	104.984777	
2010	54	1700	54.708333333		02/23/2010 17:00	21.926	0.3369	13.68	47.5788	104.9619867	104.978137	0.241689	104.987303	
2010	54	1800	54.750000000		02/23/2010 18:00	21.834	0.3356	13.44	47.5819	104.9610488	104.977199	0.240767	104.986381	
2010	54	1900	54.791666667		02/23/2010 19:00	21.975	0.3376	13.32	47.5771	104.9624862	104.978636	0.242181	104.987795	
2010	54	2000	54.833333333		02/23/2010 20:00	22.07	0.3389	13.23	47.5740	104.9634547	104.979605	0.243133	104.988747	
2010	54	2100	54.875000000		02/23/2010 21:00	22.286	0.3419	13.16	47.5667	104.9656566	104.981806	0.245299	104.990913	
2010	54	2200	54.916666667		02/23/2010 22:00	22.558	0.3457	13.09	47.5576	104.9684295	104.984579	0.248026	104.993640	
2010	54	2300	54.958333333		02/23/2010 23:00	22.652	0.3470	13.01	47.5545	104.9693877	104.985538	0.248968	104.994582	
2010	54	2400	55.000000000		02/24/2010 0:00	22.947	0.3511	12.96	47.5446	104.972395	104.988545	0.251926	104.997540	
2010	55	100	55.041666667		02/24/2010 1:00	23.198	0.3547	12.9	47.5362	104.9749538	104.991104	0.254443	105.000057	
2010	55	200	55.083333333		02/24/2010 2:00	23.427	0.3579	12.84	47.5286	104.9772882	104.993438	0.256739	105.002353	
2010	55	300	55.125000000		02/24/2010 3:00	23.735	0.3622	12.78	47.5183	104.9804281	104.996578	0.259827	105.005441	
2010	55	400	55.166666667		02/24/2010 4:00	24.054	0.3666	12.73	47.5076	104.98368	104.999830	0.263025	105.008639	
2010	55	500	55.208333333		02/24/2010 5:00	24.314	0.3703	12.68	47.4989	104.9863305	105.002480	0.265632	105.011246	
2010	55	600	55.250000000		02/24/2010 6:00	24.669	0.3752	12.64	47.4870	104.9899495	105.006099	0.269192	105.014806	
2010	55	700	55.291666667		02/24/2010 7:00	24.87	0.3780	12.6	47.4803	104.9919985	105.008148	0.271207	105.016821	
2010	55	800	55.333333333		02/24/2010 8:00	25.107	0.3813	13.16	47.4724	104.9944145	105.010564	0.273583	105.019197	
2010	55	900	55.375000000		02/24/2010 9:00	24.976	0.3795	13.78	47.4768	104.9930791	105.009229	0.272270	105.017884	
2010	55	1000	55.416666667		02/24/2010 10:00	26.047	0.3945	13.73	47.4410	105.0039971	105.020147	0.283008	105.028622	
2010	55	1100	55.458333333		02/24/2010 11:00	25.26	0.3835	13.67	47.4673	104.9959742	105.012124	0.275117	105.020731	
2010	55	1200	55.500000000		02/24/2010 12:00	27.437	0.4139	13.63	47.3945	105.0181671	105.034317	0.296945	105.042559	
2010	55	1300	55.541666667		02/24/2010 13:00	25.135	0.3817	13.58	47.4715	104.9947	105.010850	0.273864	105.019478	
2010	55	1400	55.583333333		02/24/2010 14:00	26.602	0.4022	13.54	47.4224	105.0096549	105.025805	0.288573	105.034187	
2010	55	1500	55.625000000		02/24/2010 15:00	26.862	0.4059	13.54	47.4137	105.0123054	105.028455	0.291179	105.036793	
2010	55	1600	55.666666667		02/24/2010 16:00	26.66	0.4030	13.55	47.4205	105.0102461	105.026396	0.289154	105.034768	
2010	55	1700	55.708333333		02/24/2010 17:00	26.971	0.4074	13.57	47.4101	105.0134166	105.029566	0.292272	105.037886	
2010	55	1800	55.750000000		02/24/2010 18:00	27.023	0.4081	13.35	47.4083	105.0139466	105.030096	0.292794	105.038408	
2010	55	1900	55.791666667		02/24/2010 19:00	26.892	0.4063	13.23	47.4127	105.0126112	105.028761	0.291480	105.037094	
2010	55	2000	55.833333333		02/24/2010 20:00	26.904	0.4064	13.15	47.4123	105.0127335	105.028883	0.291601	105.037215	
2010	55	2100	55.875000000		02/24/2010 21:00	27.07	0.4088	13.07	47.4067	105.0144258	105.030576	0.293265	105.038879	
2010	55	2200	55.916666667		02/24/2010 22:00	27.306	0.4121	13	47.3988	105.0168316	105.032981	0.295631	105.041245	
2010	55	2300	55.958333333		02/24/2010 23:00	27.306	0.4121	12.94	47.3988	105.0168316	105.032981	0.295631	105.041245	
2010	55	2400	56.000000000		02/25/2010 0:00	26.864	0.4059	12.86	47.4136	105.0123258	105.028476	0.291200	105.036814	
2010	56	100	56.041666667		02/25/2010 1:00	26.959	0.4072	12.82	47.4105	105.0132942	105.029444	0.292152	105.037766	
2010	56	200	56.083333333		02/25/2010 2:00	27.018	0.4080	12.75	47.4085	105.0138957	105.030046	0.292744	105.038358	
2010	56	300	56.125000000		02/25/2010 3:00	27.018	0.4080	12.71	47.4085	105.0138957	105.030046	0.292744	105.038358	
2010	56	400	56.166666667		02/25/2010 4:00	26.863	0.4059	12.66	47.4137	105.0123156	105.028465	0.291190	105.036804	
2010	56	500	56.208333333		02/25/2010 5:00	26.903	0.4064	12.61	47.4123	105.0127233	105.028873	0.291591	105.037205	
2010	56	600	56.250000000		02/25/2010 6:00	26.28	0.3977	12.58	47.4332	105.0063723	105.022522	0.285344	105.030958	
2010	56	700	56.291666667		02/25/2010 7:00	26.148	0.3959	12.74	47.4376	105.0050267	105.021177	0.284021	105.029635	
2010	56	800	56.333333333		02/25/2010 8:00	26.32	0.3983	13.74	47.4318	105.0067801	105.022930	0.285745	105.031359	
2010	56	900	56.375000000		02/25/2010 9:00	26.07	0.3948	13.69	47.4402	105.0042316	105.020381	0.283239	105.028853	
2010	56	1000	56.416666667		02/25/2010 10:00	26.384	0.3992	13.65	47.4297	105.0074325	105.023582	0.286387	105.032001	
2010	56	1100	56.458333333		02/25/2010 11:00	26.52	0.4011	13.59	47.4251	105.008819	105.024969	0.287750	105.033364	
2010	56	1200	56.500000000		02/25/2010 12:00	25.774	0.3907	13.55	47.4501	105.0012141	105.017364	0.280271	105.025885	
2010	56	1300	56.541666667		02/25/2010 13:00	26.325	0.3984	13.51	47.4317	105.0068311	105.022981	0.285795	105.031409	
2010	56	1400	56.583333333		02/25/2010 14:00	24.808	0.3772	13.5	47.4824	104.9913665	105.007516	0.270585	105.016199	
2010	56	1500	56.625000000		02/25/2010 15:00	24.455	0.3722	13.49	47.4942	104.9877679	105.003918	0.267046	105.012660	
2010	56	1600	56.666666667		02/25/2010 16:00	26.018	0.3941	13.5	47.4419	105.0037015	105.019851	0.282717	105.028331	
2010	56	1700	56.708333333		02/25/2010 17:00	25.69	0.3895	13.54	47.4529	105.0003578	105.016508	0.279429	105.025043	
2010	56	1800	56.750000000		02/25/2010 18:00	25.555	0.3876	13.31	47.4574	104.9989815	105.015131	0.278075	105.023689	
2010	56	1900	56.791666667		02/25/2010 19:00	25.189	0.3825	13.2	47.4697	104.9952505	105.011400	0.274405	105.020019	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	56	2000	56.833333333		02/25/2010 20:00	25.113	0.3814	13.12	47.4722	104.9944757	105.010626	0.273643	105.019257	
2010	56	2100	56.875000000		02/25/2010 21:00	25.03	0.3803	13.04	47.4750	104.9936296	105.009779	0.272811	105.018425	
2010	56	2200	56.916666667		02/25/2010 22:00	24.769	0.3766	12.97	47.4837	104.9909689	105.007119	0.270194	105.015808	
2010	56	2300	56.958333333		02/25/2010 23:00	24.899	0.3784	12.91	47.4793	104.9922941	105.008444	0.271498	105.017112	
2010	56	2400	57.000000000		02/26/2010 0:00	24.852	0.3778	12.85	47.4809	104.991815	105.007965	0.271026	105.016640	
2010	57	100	57.041666667		02/26/2010 1:00	24.858	0.3779	12.8	47.4807	104.9918762	105.008026	0.271087	105.016701	
2010	57	200	57.083333333		02/26/2010 2:00	24.857	0.3778	12.74	47.4808	104.991866	105.008016	0.271077	105.016691	
2010	57	300	57.125000000		02/26/2010 3:00	24.857	0.3778	12.69	47.4808	104.991866	105.008016	0.271077	105.016691	
2010	57	400	57.166666667		02/26/2010 4:00	24.986	0.3796	12.65	47.4764	104.993181	105.009331	0.272370	105.017984	
2010	57	500	57.208333333		02/26/2010 5:00	25.116	0.3815	12.61	47.4721	104.9945063	105.010656	0.273673	105.019287	
2010	57	600	57.250000000		02/26/2010 6:00	25.13	0.3817	12.58	47.4716	104.994649	105.010799	0.273814	105.019428	
2010	57	700	57.291666667		02/26/2010 7:00	25.225	0.3830	12.55	47.4684	104.9956174	105.011767	0.274766	105.020380	
2010	57	800	57.333333333		02/26/2010 8:00	25.226	0.3830	12.67	47.4684	104.9956276	105.011777	0.274776	105.020390	
2010	57	900	57.375000000		02/26/2010 9:00	25.365	0.3849	13.66	47.4638	104.9970446	105.013194	0.276170	105.021784	
2010	57	1000	57.416666667		02/26/2010 10:00	25.313	0.3842	13.78	47.4655	104.9965145	105.012664	0.275649	105.021263	
2010	57	1100	57.458333333		02/26/2010 11:00	25.479	0.3865	13.76	47.4600	104.9982068	105.014357	0.277313	105.022927	
2010	57	1200	57.500000000		02/26/2010 12:00	25.349	0.3847	13.74	47.4643	104.9968815	105.013031	0.276010	105.021624	
2010	57	1300	57.541666667		02/26/2010 13:00	25.326	0.3844	13.74	47.4651	104.9966471	105.012797	0.275779	105.021393	
2010	57	1400	57.583333333		02/26/2010 14:00	25.231	0.3831	13.74	47.4682	104.9956786	105.011828	0.274826	105.020440	
2010	57	1500	57.625000000		02/26/2010 15:00	25.207	0.3827	13.73	47.4690	104.9954339	105.011584	0.274586	105.020200	
2010	57	1600	57.666666667		02/26/2010 16:00	25.231	0.3831	13.72	47.4682	104.9956786	105.011828	0.274826	105.020440	
2010	57	1700	57.708333333		02/26/2010 17:00	25.136	0.3817	13.48	47.4714	104.9947102	105.010860	0.273874	105.019488	
2010	57	1800	57.750000000		02/26/2010 18:00	24.935	0.3789	13.36	47.4781	104.9926611	105.008811	0.271859	105.017473	
2010	57	1900	57.791666667		02/26/2010 19:00	24.875	0.3781	13.26	47.4802	104.9920495	105.008199	0.271257	105.016871	
2010	57	2000	57.833333333		02/26/2010 20:00	24.709	0.3758	13.18	47.4857	104.9903572	105.006507	0.269593	105.015207	
2010	57	2100	57.875000000		02/26/2010 21:00	24.65	0.3749	13.11	47.4877	104.9897558	105.005906	0.269001	105.014615	
2010	57	2200	57.916666667		02/26/2010 22:00	24.484	0.3726	13.04	47.4932	104.9880635	105.004213	0.267337	105.012951	
2010	57	2300	57.958333333		02/26/2010 23:00	24.449	0.3721	12.97	47.4944	104.9877067	105.003857	0.266986	105.012600	
2010	57	2400	58.000000000		02/27/2010 0:00	24.405	0.3715	12.91	47.4959	104.9872582	105.003408	0.266545	105.012159	
2010	58	100	58.041666667		02/27/2010 1:00	24.326	0.3704	12.85	47.4985	104.9864528	105.002603	0.265753	105.011367	
2010	58	200	58.083333333		02/27/2010 2:00	24.326	0.3704	12.8	47.4985	104.9864528	105.002603	0.265753	105.011367	
2010	58	300	58.125000000		02/27/2010 3:00	24.266	0.3696	12.74	47.5005	104.9858412	105.001991	0.265151	105.010765	
2010	58	400	58.166666667		02/27/2010 4:00	24.242	0.3692	12.69	47.5013	104.9855965	105.001746	0.264910	105.010524	
2010	58	500	58.208333333		02/27/2010 5:00	24.114	0.3675	12.64	47.5056	104.9842917	105.000441	0.263627	105.009241	
2010	58	600	58.250000000		02/27/2010 6:00	24.305	0.3701	12.6	47.4992	104.9862388	105.002389	0.265542	105.011156	
2010	58	700	58.291666667		02/27/2010 7:00	24.261	0.3695	12.65	47.5007	104.9857902	105.001940	0.265101	105.010715	
2010	58	800	58.333333333		02/27/2010 8:00	24.129	0.3677	13.88	47.5051	104.9844446	105.000594	0.263777	105.009391	
2010	58	900	58.375000000		02/27/2010 9:00	23.307	0.3562	13.85	47.5326	104.9760649	104.992215	0.255536	105.001150	
2010	58	1000	58.416666667		02/27/2010 10:00	23.103	0.3533	13.79	47.5394	104.9739853	104.990135	0.253490	104.999104	
2010	58	1100	58.458333333		02/27/2010 11:00	23.645	0.3609	13.71	47.5213	104.9795106	104.995660	0.258925	105.004539	
2010	58	1200	58.500000000		02/27/2010 12:00	22.725	0.3480	13.61	47.5521	104.9701319	104.986282	0.249700	104.995314	
2010	58	1300	58.541666667		02/27/2010 13:00	22.672	0.3473	13.55	47.5538	104.9695916	104.985741	0.249169	104.994783	
2010	58	1400	58.583333333		02/27/2010 14:00	24.313	0.3702	13.51	47.4989	104.9863203	105.002470	0.265622	105.011236	
2010	58	1500	58.625000000		02/27/2010 15:00	22.338	0.3426	13.5	47.5650	104.9661867	104.982337	0.245820	104.991434	
2010	58	1600	58.666666667		02/27/2010 16:00	22.409	0.3436	13.5	47.5626	104.9669105	104.983060	0.246532	104.992146	
2010	58	1700	58.708333333		02/27/2010 17:00	23.534	0.3594	13.52	47.5250	104.978379	104.994529	0.257812	105.003426	
2010	58	1800	58.750000000		02/27/2010 18:00	23.032	0.3523	13.35	47.5418	104.9732615	104.989411	0.252778	104.998392	
2010	58	1900	58.791666667		02/27/2010 19:00	22.834	0.3496	13.22	47.5484	104.9712431	104.987393	0.250793	104.996407	
2010	58	2000	58.833333333		02/27/2010 20:00	22.071	0.3389	13.13	47.5739	104.9634649	104.979615	0.243143	104.988757	
2010	58	2100	58.875000000		02/27/2010 21:00	22.25	0.3414	13.06	47.5679	104.9652896	104.981439	0.244938	104.990552	
2010	58	2200	58.916666667		02/27/2010 22:00	22.135	0.3398	12.99	47.5718	104.9641173	104.980267	0.243785	104.989399	
2010	58	2300	58.958333333		02/27/2010 23:00	21.958	0.3373	12.92	47.5777	104.9623129	104.978463	0.242010	104.987624	
2010	58	2400	59.000000000		02/28/2010 0:00	21.863	0.3360	12.86	47.5809	104.9613445	104.977494	0.241058	104.986672	
2010	59	100	59.041666667		02/28/2010 1:00	21.653	0.3331	12.8	47.5879	104.9592037	104.975354	0.238952	104.984566	
2010	59	200	59.083333333		02/28/2010 2:00	21.347	0.3288	12.74	47.5981	104.9560843	104.972234	0.235884	104.981498	
2010	59	300	59.125000000		02/28/2010 3:00	21.242	0.3273	12.69	47.6017	104.9550139	104.971164	0.234831	104.980445	
2010	59	400	59.166666667		02/28/2010 4:00	21.43	0.3299	12.65	47.5954	104.9569304	104.973080	0.236716	104.982330	
2010	59	500	59.208333333		02/28/2010 5:00	21.254	0.3275	12.6	47.6013	104.9551362	104.971286	0.234951	104.980565	
2010	59	600	59.250000000		02/28/2010 6:00	21.218	0.3270	12.56	47.6025	104.9547692	104.970919	0.234591	104.980205	
2010	59	700	59.291666667		02/28/2010 7:00	20.827	0.3215	13.04	47.6155	104.9507833	104.966933	0.230670	104.976284	
2010	59	800	59.333333333		02/28/2010 8:00	20.247	0.3134	13.89	47.6349	104.9448706	104.961020	0.224855	104.970469	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	900	59.375000000		02/28/2010 9:00	20.834	0.3216	13.83	47.6153	104.9508546	104.967004	0.230740	104.976354	
2010	59	1000	59.416666667		02/28/2010 10:00	20.319	0.3144	13.73	47.6325	104.9456046	104.961754	0.225577	104.971191	
2010	59	1100	59.458333333		02/28/2010 11:00	19.71	0.3059	13.65	47.6529	104.9393963	104.955546	0.219471	104.965085	
2010	59	1200	59.500000000		02/28/2010 12:00	20.947	0.3232	13.58	47.6115	104.9520066	104.968156	0.231873	104.977487	
2010	59	1300	59.541666667		02/28/2010 13:00	20.365	0.3151	13.54	47.6310	104.9460735	104.962223	0.226038	104.971652	
2010	59	1400	59.583333333		02/28/2010 14:00	19.996	0.3099	13.51	47.6433	104.9423119	104.958462	0.222338	104.967952	
2010	59	1500	59.625000000		02/28/2010 15:00	20.964	0.3234	13.49	47.6110	104.9521799	104.968330	0.232044	104.977658	
2010	59	1600	59.666666667		02/28/2010 16:00	20.409	0.3157	13.48	47.6295	104.9465221	104.962672	0.226479	104.972093	
2010	59	1700	59.708333333		02/28/2010 17:00	20.931	0.3230	13.5	47.6121	104.9518435	104.967993	0.231713	104.977327	
2010	59	1800	59.750000000		02/28/2010 18:00	20.654	0.3191	13.32	47.6213	104.9490197	104.965169	0.228936	104.974550	
2010	59	1900	59.791666667		02/28/2010 19:00	20.446	0.3162	13.2	47.6283	104.9468993	104.963049	0.226850	104.972464	
2010	59	2000	59.833333333		02/28/2010 20:00	20.307	0.3143	13.12	47.6329	104.9454823	104.961632	0.225456	104.971070	
2010	59	2100	59.875000000		02/28/2010 21:00	20.147	0.3120	13.04	47.6383	104.9438512	104.960001	0.223852	104.969466	
2010	59	2200	59.916666667		02/28/2010 22:00	20.064	0.3109	12.97	47.6411	104.9430051	104.959155	0.223020	104.968634	
2010	59	2300	59.958333333		02/28/2010 23:00	19.957	0.3094	12.91	47.6446	104.9419143	104.958064	0.221947	104.967561	
2010	59	2400	60.000000000		03/01/2010 0:00	19.721	0.3061	12.85	47.6525	104.9395085	104.955658	0.219581	104.965195	
2010	60	100	60.041666667		03/01/2010 1:00	19.711	0.3059	12.79	47.6529	104.9394065	104.955556	0.219481	104.965095	
2010	60	200	60.083333333		03/01/2010 2:00	19.652	0.3051	12.74	47.6548	104.9388051	104.954955	0.218889	104.964503	
2010	60	300	60.125000000		03/01/2010 3:00	19.499	0.3030	12.69	47.6600	104.9372453	104.953395	0.217355	104.962969	
2010	60	400	60.166666667		03/01/2010 4:00	19.466	0.3025	12.64	47.6611	104.9369089	104.953059	0.217024	104.962638	
2010	60	500	60.208333333		03/01/2010 5:00	19.383	0.3013	12.6	47.6638	104.9360628	104.952213	0.216192	104.961806	
2010	60	600	60.250000000		03/01/2010 6:00	19.336	0.3007	12.56	47.6654	104.9355837	104.951734	0.215721	104.961335	
2010	60	700	60.291666667		03/01/2010 7:00	19.11	0.2975	13.87	47.6730	104.9332798	104.949430	0.213455	104.959069	
2010	60	800	60.333333333		03/01/2010 8:00	18.916	0.2948	13.85	47.6795	104.9313021	104.947452	0.211510	104.957124	
2010	60	900	60.375000000		03/01/2010 9:00	18.829	0.2936	13.76	47.6824	104.9304152	104.946565	0.210637	104.956251	
2010	60	1000	60.416666667		03/01/2010 10:00	18.693	0.2917	13.69	47.6869	104.9290288	104.945179	0.209274	104.954888	
2010	60	1100	60.458333333		03/01/2010 11:00	18.977	0.2957	13.63	47.6774	104.931924	104.948074	0.212121	104.957735	
2010	60	1200	60.500000000		03/01/2010 12:00	18.688	0.2916	13.59	47.6871	104.9289778	104.945128	0.209224	104.954838	
2010	60	1300	60.541666667		03/01/2010 13:00	18.96	0.2954	13.55	47.6780	104.9317507	104.947900	0.211951	104.957565	
2010	60	1400	60.583333333		03/01/2010 14:00	18.887	0.2944	13.54	47.6804	104.9310065	104.947156	0.211219	104.956833	
2010	60	1500	60.625000000		03/01/2010 15:00	19.134	0.2979	13.51	47.6722	104.9335245	104.949674	0.213696	104.959310	
2010	60	1600	60.666666667		03/01/2010 16:00	19.181	0.2985	13.52	47.6706	104.9340036	104.950153	0.214167	104.959781	
2010	60	1700	60.708333333		03/01/2010 17:00	19.184	0.2986	13.56	47.6705	104.9340342	104.950184	0.214197	104.959811	
2010	60	1800	60.750000000		03/01/2010 18:00	19.166	0.2983	13.34	47.6711	104.9338507	104.950000	0.214016	104.959630	
2010	60	1900	60.791666667		03/01/2010 19:00	18.953	0.2953	13.22	47.6782	104.9316793	104.947829	0.211881	104.957495	
2010	60	2000	60.833333333		03/01/2010 20:00	19.095	0.2973	13.13	47.6735	104.9331269	104.949277	0.213304	104.958918	
2010	60	2100	60.875000000		03/01/2010 21:00	19.047	0.2966	13.06	47.6751	104.9326376	104.948787	0.212823	104.958437	
2010	60	2200	60.916666667		03/01/2010 22:00	19.192	0.2987	12.99	47.6702	104.9341157	104.950266	0.214277	104.959891	
2010	60	2300	60.958333333		03/01/2010 23:00	19.053	0.2967	12.92	47.6749	104.9326987	104.948849	0.212883	104.958497	
2010	60	2400	61.000000000		03/02/2010 0:00	18.922	0.2949	12.86	47.6793	104.9313633	104.947513	0.211570	104.957184	
2010	61	100	61.041666667		03/02/2010 1:00	19.029	0.2964	12.8	47.6757	104.9324541	104.948604	0.212643	104.958257	
2010	61	200	61.083333333		03/02/2010 2:00	18.91	0.2947	12.75	47.6797	104.9312409	104.947391	0.211450	104.957064	
2010	61	300	61.125000000		03/02/2010 3:00	18.904	0.2946	12.7	47.6799	104.9311798	104.947330	0.211389	104.957003	
2010	61	400	61.166666667		03/02/2010 4:00	18.928	0.2950	12.65	47.6791	104.9314244	104.947574	0.211630	104.957244	
2010	61	500	61.208333333		03/02/2010 5:00	18.845	0.2938	12.61	47.6818	104.9305783	104.946728	0.210798	104.956412	
2010	61	600	61.250000000		03/02/2010 6:00	18.928	0.2950	12.58	47.6791	104.9314244	104.947574	0.211630	104.957244	
2010	61	700	61.291666667		03/02/2010 7:00	18.774	0.2928	12.56	47.6842	104.9298545	104.946004	0.210086	104.955700	
2010	61	800	61.333333333		03/02/2010 8:00	18.852	0.2939	13.76	47.6816	104.9306497	104.946800	0.210868	104.956482	
2010	61	900	61.375000000		03/02/2010 9:00	19.124	0.2977	13.74	47.6725	104.9334225	104.949572	0.213595	104.959209	
2010	61	1000	61.416666667		03/02/2010 10:00	18.86	0.2940	13.67	47.6813	104.9307312	104.946881	0.210948	104.956562	
2010	61	1100	61.458333333		03/02/2010 11:00	18.658	0.2912	13.62	47.6881	104.928672	104.944822	0.208923	104.954537	
2010	61	1200	61.500000000		03/02/2010 12:00	18.45	0.2883	13.54	47.6950	104.9265516	104.942701	0.206837	104.952451	
2010	61	1300	61.541666667		03/02/2010 13:00	20.433	0.3160	13.49	47.6287	104.9467667	104.962917	0.226720	104.972334	
2010	61	1400	61.583333333		03/02/2010 14:00	19.271	0.2998	13.44	47.6676	104.9349211	104.951071	0.215069	104.960683	
2010	61	1500	61.625000000		03/02/2010 15:00	19.944	0.3092	13.41	47.6451	104.9417818	104.957932	0.221817	104.967431	
2010	61	1600	61.666666667		03/02/2010 16:00	19.143	0.2980	13.45	47.6719	104.9336162	104.949766	0.213786	104.959400	
2010	61	1700	61.708333333		03/02/2010 17:00	19.182	0.2985	13.38	47.6706	104.9340138	104.950164	0.214177	104.959791	
2010	61	1800	61.750000000		03/02/2010 18:00	18.983	0.2957	13.22	47.6772	104.9319851	104.948135	0.212182	104.957796	
2010	61	1900	61.791666667		03/02/2010 19:00	19.09	0.2972	13.11	47.6736	104.9330759	104.949226	0.213254	104.958868	
2010	61	2000	61.833333333		03/02/2010 20:00	18.965	0.2955	13.03	47.6778	104.9318016	104.947951	0.212001	104.957615	
2010	61	2100	61.875000000		03/02/2010 21:00	18.764	0.2927	12.95	47.6845	104.9297526	104.945902	0.209986	104.955600	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	61	2200	61.916666667		03/02/2010 22:00	18.669	0.2914	12.89	47.6877	104.9287841	104.944934	0.209033	104.954647	
2010	61	2300	61.958333333		03/02/2010 23:00	18.716	0.2920	12.83	47.6861	104.9292633	104.945413	0.209504	104.955118	
2010	61	2400	62.000000000		03/03/2010 0:00	18.623	0.2907	12.78	47.6893	104.9283152	104.944465	0.208572	104.954186	
2010	62	100	62.041666667		03/03/2010 1:00	18.45	0.2883	12.73	47.6950	104.9265516	104.942701	0.206837	104.952451	
2010	62	200	62.083333333		03/03/2010 2:00	18.599	0.2904	12.68	47.6901	104.9280705	104.944220	0.208331	104.953945	
2010	62	300	62.125000000		03/03/2010 3:00	18.639	0.2909	12.65	47.6887	104.9284783	104.944628	0.208732	104.954346	
2010	62	400	62.166666667		03/03/2010 4:00	18.722	0.2921	12.61	47.6859	104.9293244	104.945474	0.209565	104.955179	
2010	62	500	62.208333333		03/03/2010 5:00	18.722	0.2921	12.59	47.6859	104.9293244	104.945474	0.209565	104.955179	
2010	62	600	62.250000000		03/03/2010 6:00	18.793	0.2931	12.57	47.6836	104.9300482	104.946198	0.210277	104.955891	
2010	62	700	62.291666667		03/03/2010 7:00	18.9	0.2946	12.62	47.6800	104.931139	104.947289	0.211349	104.956963	
2010	62	800	62.333333333		03/03/2010 8:00	18.828	0.2936	13.71	47.6824	104.930405	104.946555	0.210627	104.956241	
2010	62	900	62.375000000		03/03/2010 9:00	18.752	0.2925	13.65	47.6849	104.9296303	104.945780	0.209865	104.955479	
2010	62	1000	62.416666667		03/03/2010 10:00	18.664	0.2913	13.6	47.6879	104.9287332	104.944883	0.208983	104.954597	
2010	62	1100	62.458333333		03/03/2010 11:00	18.557	0.2898	13.56	47.6915	104.9276424	104.943792	0.207910	104.953524	
2010	62	1200	62.500000000		03/03/2010 12:00	19.227	0.2992	13.5	47.6691	104.9344725	104.950622	0.214628	104.960242	
2010	62	1300	62.541666667		03/03/2010 13:00	17.96	0.2815	13.46	47.7114	104.9215564	104.937706	0.201925	104.947539	
2010	62	1400	62.583333333		03/03/2010 14:00	20.193	0.3127	13.44	47.6367	104.9443201	104.960470	0.224313	104.969927	
2010	62	1500	62.625000000		03/03/2010 15:00	19.687	0.3056	13.47	47.6537	104.9391619	104.955312	0.219240	104.964854	
2010	62	1600	62.666666667		03/03/2010 16:00	17.784	0.2790	13.49	47.7173	104.9197623	104.935912	0.200160	104.945774	
2010	62	1700	62.708333333		03/03/2010 17:00	19.228	0.2992	13.5	47.6690	104.9344827	104.950633	0.214638	104.960252	
2010	62	1800	62.750000000		03/03/2010 18:00	18.923	0.2949	13.31	47.6792	104.9313735	104.947523	0.211580	104.957194	
2010	62	1900	62.791666667		03/03/2010 19:00	18.87	0.2942	13.19	47.6810	104.9308332	104.946983	0.211049	104.956663	
2010	62	2000	62.833333333		03/03/2010 20:00	18.669	0.2914	13.09	47.6877	104.9287841	104.944934	0.209033	104.954647	
2010	62	2100	62.875000000		03/03/2010 21:00	18.485	0.2888	13.03	47.6939	104.9269084	104.943058	0.207188	104.952802	
2010	62	2200	62.916666667		03/03/2010 22:00	18.568	0.2899	12.96	47.6911	104.9277545	104.943904	0.208021	104.953635	
2010	62	2300	62.958333333		03/03/2010 23:00	18.426	0.2880	12.89	47.6958	104.9263069	104.942457	0.206597	104.952211	
2010	62	2400	63.000000000		03/04/2010 0:00	18.431	0.2880	12.83	47.6957	104.9263579	104.942508	0.206647	104.952261	
2010	63	100	63.041666667		03/04/2010 1:00	18.182	0.2846	12.77	47.7040	104.9238196	104.939969	0.204150	104.949764	
2010	63	200	63.083333333		03/04/2010 2:00	18.324	0.2865	12.72	47.6993	104.9252671	104.941417	0.205574	104.951188	
2010	63	300	63.125000000		03/04/2010 3:00	18.146	0.2841	12.67	47.7052	104.9234526	104.939602	0.203789	104.949403	
2010	63	400	63.166666667		03/04/2010 4:00	18.43	0.2880	12.63	47.6957	104.9263477	104.942498	0.206637	104.952251	
2010	63	500	63.208333333		03/04/2010 5:00	18.243	0.2854	12.6	47.7020	104.9244414	104.940591	0.204762	104.950376	
2010	63	600	63.250000000		03/04/2010 6:00	18.54	0.2896	12.58	47.6920	104.9274691	104.943619	0.207740	104.953354	
2010	63	700	63.291666667		03/04/2010 7:00	18.244	0.2854	13.1	47.7019	104.9244516	104.940601	0.204772	104.950386	
2010	63	800	63.333333333		03/04/2010 8:00	18.099	0.2834	13.83	47.7068	104.9229734	104.939123	0.203318	104.948932	
2010	63	900	63.375000000		03/04/2010 9:00	18.473	0.2886	13.74	47.6943	104.9267861	104.942936	0.207068	104.952682	
2010	63	1000	63.416666667		03/04/2010 10:00	18.397	0.2876	13.65	47.6968	104.9260113	104.942161	0.206306	104.951920	
2010	63	1100	63.458333333		03/04/2010 11:00	18.629	0.2908	13.58	47.6891	104.9283764	104.944526	0.208632	104.954246	
2010	63	1200	63.500000000		03/04/2010 12:00	18.142	0.2840	13.54	47.7053	104.9234118	104.939562	0.203749	104.949363	
2010	63	1300	63.541666667		03/04/2010 13:00	18.613	0.2906	13.52	47.6896	104.9282133	104.944363	0.208472	104.954086	
2010	63	1400	63.583333333		03/04/2010 14:00	19.971	0.3096	13.49	47.6442	104.942057	104.958207	0.222088	104.967702	
2010	63	1500	63.625000000		03/04/2010 15:00	19.487	0.3028	13.48	47.6604	104.937123	104.953273	0.217235	104.962849	
2010	63	1600	63.666666667		03/04/2010 16:00	20.208	0.3129	13.48	47.6362	104.944473	104.960623	0.224464	104.970078	
2010	63	1700	63.708333333		03/04/2010 17:00	19.879	0.3083	13.52	47.6472	104.9411191	104.957269	0.221165	104.966779	
2010	63	1800	63.750000000		03/04/2010 18:00	19.92	0.3088	13.35	47.6459	104.9415371	104.957687	0.221576	104.967190	
2010	63	1900	63.791666667		03/04/2010 19:00	19.887	0.3084	13.22	47.6470	104.9412007	104.957351	0.221245	104.966859	
2010	63	2000	63.833333333		03/04/2010 20:00	19.775	0.3068	13.14	47.6507	104.9400589	104.956209	0.220122	104.965736	
2010	63	2100	63.875000000		03/04/2010 21:00	20.047	0.3106	13.06	47.6416	104.9428318	104.958982	0.222850	104.968464	
2010	63	2200	63.916666667		03/04/2010 22:00	20.201	0.3128	12.99	47.6365	104.9444017	104.960552	0.224394	104.970008	
2010	63	2300	63.958333333		03/04/2010 23:00	20.367	0.3151	12.93	47.6309	104.9460939	104.962244	0.226058	104.971672	
2010	63	2400	64.000000000		03/05/2010 0:00	20.313	0.3143	12.86	47.6327	104.9455434	104.961693	0.225517	104.971131	
2010	64	100	64.041666667		03/05/2010 1:00	20.371	0.3151	12.8	47.6308	104.9461347	104.962285	0.226098	104.971712	
2010	64	200	64.083333333		03/05/2010 2:00	20.419	0.3158	12.74	47.6292	104.946624	104.962774	0.226579	104.972193	
2010	64	300	64.125000000		03/05/2010 3:00	20.655	0.3191	12.7	47.6213	104.9490299	104.965180	0.228946	104.974560	
2010	64	400	64.166666667		03/05/2010 4:00	21.106	0.3254	12.65	47.6062	104.9536275	104.969777	0.233468	104.979082	
2010	64	500	64.208333333		03/05/2010 5:00	21.04	0.3245	12.6	47.6084	104.9529546	104.969104	0.232806	104.978420	
2010	64	600	64.250000000		03/05/2010 6:00	20.992	0.3238	12.57	47.6100	104.9524653	104.968615	0.232325	104.977939	
2010	64	700	64.291666667		03/05/2010 7:00	21.103	0.3254	13.94	47.6063	104.9535969	104.969747	0.233437	104.979051	
2010	64	800	64.333333333		03/05/2010 8:00	20.97	0.3235	13.91	47.6108	104.952241	104.968391	0.232104	104.977718	
2010	64	900	64.375000000		03/05/2010 9:00	21.355	0.3289	13.83	47.5979	104.9561658	104.972316	0.235964	104.981578	
2010	64	1000	64.416666667		03/05/2010 10:00	22.036	0.3384	13.73	47.5751	104.9631081	104.979258	0.242792	104.988406	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1100	64.458333333		03/05/2010 11:00	21.438	0.3301	13.65	47.5951	104.9570119	104.973162	0.236796	104.982410	
2010	64	1200	64.500000000		03/05/2010 12:00	22.758	0.3485	13.6	47.5510	104.9704683	104.986618	0.250031	104.995645	
2010	64	1300	64.541666667		03/05/2010 13:00	21.645	0.3330	13.57	47.5882	104.9591221	104.975272	0.238872	104.984486	
2010	64	1400	64.583333333		03/05/2010 14:00	22.164	0.3402	13.54	47.5708	104.9644129	104.980563	0.244075	104.989689	
2010	64	1500	64.625000000		03/05/2010 15:00	22.517	0.3451	13.52	47.5590	104.9680115	104.984161	0.247615	104.993229	
2010	64	1600	64.666666667		03/05/2010 16:00	22.825	0.3494	13.52	47.5487	104.9711513	104.987301	0.250703	104.996317	
2010	64	1700	64.708333333		03/05/2010 17:00	23.159	0.3541	13.54	47.5375	104.9745562	104.990706	0.254052	104.999666	
2010	64	1800	64.750000000		03/05/2010 18:00	23.282	0.3558	13.38	47.5334	104.9758101	104.991960	0.255285	105.000899	
2010	64	1900	64.791666667		03/05/2010 19:00	23.194	0.3546	13.26	47.5364	104.974913	104.991063	0.254403	105.000017	
2010	64	2000	64.833333333		03/05/2010 20:00	23.184	0.3545	13.16	47.5367	104.974811	104.990961	0.254302	104.999916	
2010	64	2100	64.875000000		03/05/2010 21:00	23.385	0.3573	13.08	47.5300	104.9768601	104.993010	0.256318	105.001932	
2010	64	2200	64.916666667		03/05/2010 22:00	23.351	0.3568	13.02	47.5311	104.9765135	104.992663	0.255977	105.001591	
2010	64	2300	64.958333333		03/05/2010 23:00	23.308	0.3562	12.95	47.5326	104.9760751	104.992225	0.255546	105.001160	
2010	64	2400	65.000000000		03/06/2010 0:00	23.616	0.3605	12.89	47.5223	104.9792149	104.995365	0.258634	105.004248	
2010	65	100	65.041666667		03/06/2010 1:00	23.488	0.3587	12.83	47.5265	104.9779101	104.994060	0.257350	105.002964	
2010	65	200	65.083333333		03/06/2010 2:00	23.646	0.3609	12.76	47.5213	104.9795208	104.995671	0.258935	105.004549	
2010	65	300	65.125000000		03/06/2010 3:00	23.669	0.3612	12.71	47.5205	104.9797552	104.995905	0.259165	105.004779	
2010	65	400	65.166666667		03/06/2010 4:00	23.609	0.3604	12.66	47.5225	104.9791436	104.995293	0.258564	105.004178	
2010	65	500	65.208333333		03/06/2010 5:00	23.743	0.3623	12.61	47.5180	104.9805096	104.996659	0.259907	105.005521	
2010	65	600	65.250000000		03/06/2010 6:00	23.741	0.3622	12.57	47.5181	104.9804892	104.996639	0.259887	105.005501	
2010	65	700	65.291666667		03/06/2010 7:00	23.566	0.3598	13.1	47.5239	104.9787052	104.994855	0.258132	105.003746	
2010	65	800	65.333333333		03/06/2010 8:00	23.113	0.3535	13.89	47.5391	104.9740873	104.990237	0.253591	104.999205	
2010	65	900	65.375000000		03/06/2010 9:00	22.818	0.3493	13.78	47.5490	104.97108	104.987230	0.250633	104.996247	
2010	65	1000	65.416666667		03/06/2010 10:00	23.192	0.3546	13.71	47.5364	104.9748926	104.991042	0.254383	104.999997	
2010	65	1100	65.458333333		03/06/2010 11:00	23.662	0.3611	13.65	47.5207	104.9796839	104.995834	0.259095	105.004709	
2010	65	1200	65.500000000		03/06/2010 12:00	24.342	0.3706	13.59	47.4980	104.9866159	105.002766	0.265913	105.011527	
2010	65	1300	65.541666667		03/06/2010 13:00	23.49	0.3587	13.55	47.5265	104.9779305	104.994080	0.257370	105.002984	
2010	65	1400	65.583333333		03/06/2010 14:00	23.464	0.3584	13.52	47.5273	104.9776654	104.993815	0.257110	105.002724	
2010	65	1500	65.625000000		03/06/2010 15:00	23.566	0.3598	13.49	47.5239	104.9787052	104.994855	0.258132	105.003746	
2010	65	1600	65.666666667		03/06/2010 16:00	23.282	0.3558	13.48	47.5334	104.9758101	104.991960	0.255285	105.000899	
2010	65	1700	65.708333333		03/06/2010 17:00	23.321	0.3564	13.51	47.5321	104.9762076	104.992357	0.255676	105.001290	
2010	65	1800	65.750000000		03/06/2010 18:00	23.397	0.3574	13.37	47.5296	104.9769824	104.993132	0.256438	105.002052	
2010	65	1900	65.791666667		03/06/2010 19:00	22.928	0.3509	13.24	47.5453	104.9722013	104.988351	0.251736	104.997350	
2010	65	2000	65.833333333		03/06/2010 20:00	23.148	0.3540	13.15	47.5379	104.974444	104.990594	0.253941	104.999555	
2010	65	2100	65.875000000		03/06/2010 21:00	22.805	0.3492	13.07	47.5494	104.9709474	104.987097	0.250502	104.996116	
2010	65	2200	65.916666667		03/06/2010 22:00	23.171	0.3543	13	47.5371	104.9746785	104.990828	0.254172	104.999786	
2010	65	2300	65.958333333		03/06/2010 23:00	23.106	0.3534	12.93	47.5393	104.9740159	104.990166	0.253520	104.999134	
2010	65	2400	66.000000000		03/07/2010 0:00	23.178	0.3544	12.87	47.5369	104.9747499	104.990900	0.254242	104.999856	
2010	66	100	66.041666667		03/07/2010 1:00	23.111	0.3534	12.8	47.5392	104.9740669	104.990217	0.253570	104.999184	
2010	66	200	66.083333333		03/07/2010 2:00	23.089	0.3531	12.75	47.5399	104.9738426	104.989992	0.253350	104.998964	
2010	66	300	66.125000000		03/07/2010 3:00	23.196	0.3546	12.69	47.5363	104.9749334	104.991083	0.254423	105.000037	
2010	66	400	66.166666667		03/07/2010 4:00	23.159	0.3541	12.65	47.5375	104.9745562	104.990706	0.254052	104.999666	
2010	66	500	66.208333333		03/07/2010 5:00	23.02	0.3522	12.6	47.5422	104.9731392	104.989289	0.252658	104.998272	
2010	66	600	66.250000000		03/07/2010 6:00	23.068	0.3528	12.55	47.5406	104.9736285	104.989778	0.253139	104.998753	
2010	66	700	66.291666667		03/07/2010 7:00	22.57	0.3459	13.97	47.5572	104.9685518	104.984702	0.248146	104.993760	
2010	66	800	66.333333333		03/07/2010 8:00	22.72	0.3480	13.89	47.5522	104.9700809	104.986231	0.249650	104.995264	
2010	66	900	66.375000000		03/07/2010 9:00	22.062	0.3388	13.8	47.5742	104.9633731	104.979523	0.243053	104.988667	
2010	66	1000	66.416666667		03/07/2010 10:00	22.105	0.3394	13.71	47.5728	104.9638115	104.979961	0.243484	104.989098	
2010	66	1100	66.458333333		03/07/2010 11:00	22.817	0.3493	13.61	47.5490	104.9710698	104.987220	0.250623	104.996237	
2010	66	1200	66.500000000		03/07/2010 12:00	21.314	0.3283	13.56	47.5993	104.9557479	104.971898	0.235553	104.981167	
2010	66	1300	66.541666667		03/07/2010 13:00	21.996	0.3379	13.52	47.5764	104.9627003	104.978850	0.242391	104.988005	
2010	66	1400	66.583333333		03/07/2010 14:00	22.325	0.3425	13.48	47.5654	104.9660542	104.982204	0.245690	104.991304	
2010	66	1500	66.625000000		03/07/2010 15:00	21.651	0.3330	13.47	47.5880	104.9591833	104.975333	0.238932	104.984546	
2010	66	1600	66.666666667		03/07/2010 16:00	22.277	0.3418	13.46	47.5670	104.9655649	104.981715	0.245208	104.990822	
2010	66	1700	66.708333333		03/07/2010 17:00	22.159	0.3401	13.49	47.5710	104.964362	104.980512	0.244025	104.989639	
2010	66	1800	66.750000000		03/07/2010 18:00	21.869	0.3361	13.33	47.5807	104.9614056	104.977555	0.241118	104.986732	
2010	66	1900	66.791666667		03/07/2010 19:00	21.781	0.3349	13.21	47.5836	104.9605086	104.976658	0.240235	104.985849	
2010	66	2000	66.833333333		03/07/2010 20:00	21.546	0.3316	13.11	47.5915	104.9581129	104.974263	0.237879	104.983493	
2010	66	2100	66.875000000		03/07/2010 21:00	21.385	0.3293	13.04	47.5969	104.9564716	104.972621	0.236265	104.981879	
2010	66	2200	66.916666667		03/07/2010 22:00	21.503	0.3310	12.97	47.5929	104.9576746	104.973824	0.237448	104.983062	
2010	66	2300	66.958333333		03/07/2010 23:00	21.302	0.3282	12.91	47.5997	104.9556255	104.971775	0.235433	104.981047	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	66	2400	67.000000000		03/08/2010 0:00	21.195	0.3267	12.85	47.6032	104.9545347	104.970685	0.234360	104.979974	
2010	67	100	67.041666667		03/08/2010 1:00	20.97	0.3235	12.79	47.6108	104.952241	104.968391	0.232104	104.977718	
2010	67	200	67.083333333		03/08/2010 2:00	20.721	0.3200	12.74	47.6191	104.9497027	104.965853	0.229607	104.975221	
2010	67	300	67.125000000		03/08/2010 3:00	20.851	0.3219	12.69	47.6147	104.9510279	104.967178	0.230911	104.976525	
2010	67	400	67.166666667		03/08/2010 4:00	20.474	0.3166	12.65	47.6273	104.9471847	104.963335	0.227131	104.972745	
2010	67	500	67.208333333		03/08/2010 5:00	20.219	0.3130	12.61	47.6359	104.9445852	104.960735	0.224574	104.970188	
2010	67	600	67.250000000		03/08/2010 6:00	20.171	0.3124	12.57	47.6375	104.9440959	104.960246	0.224093	104.969707	
2010	67	700	67.291666667		03/08/2010 7:00	19.917	0.3088	12.55	47.6460	104.9415065	104.957656	0.221546	104.967160	
2010	67	800	67.333333333		03/08/2010 8:00	19.715	0.3060	13.01	47.6527	104.9394473	104.955597	0.219521	104.965135	
2010	67	900	67.375000000		03/08/2010 9:00	18.875	0.2942	13.73	47.6808	104.9308842	104.947034	0.211099	104.956713	
2010	67	1000	67.416666667		03/08/2010 10:00	18.847	0.2938	13.68	47.6818	104.9305987	104.946749	0.210818	104.956432	
2010	67	1100	67.458333333		03/08/2010 11:00	18.149	0.2841	13.63	47.7051	104.9234831	104.939633	0.203820	104.949434	
2010	67	1200	67.500000000		03/08/2010 12:00	19.267	0.2997	13.59	47.6677	104.9348803	104.951030	0.215029	104.960643	
2010	67	1300	67.541666667		03/08/2010 13:00	18.971	0.2956	13.57	47.6776	104.9318628	104.948013	0.212061	104.957675	
2010	67	1400	67.583333333		03/08/2010 14:00	18.214	0.2850	13.56	47.7029	104.9241458	104.940296	0.204471	104.950085	
2010	67	1500	67.625000000		03/08/2010 15:00	18.889	0.2944	13.54	47.6804	104.9310269	104.947177	0.211239	104.956853	
2010	67	1600	67.666666667		03/08/2010 16:00	19.066	0.2969	13.56	47.6744	104.9328312	104.948981	0.213014	104.958628	
2010	67	1700	67.708333333		03/08/2010 17:00	18.657	0.2912	13.59	47.6881	104.9286618	104.944812	0.208913	104.954527	
2010	67	1800	67.750000000		03/08/2010 18:00	18.278	0.2859	13.46	47.7008	104.9247982	104.940948	0.205113	104.950727	
2010	67	1900	67.791666667		03/08/2010 19:00	18.177	0.2845	13.31	47.7042	104.9237686	104.939918	0.204100	104.949714	
2010	67	2000	67.833333333		03/08/2010 20:00	18.023	0.2823	13.21	47.7093	104.9221987	104.938349	0.202556	104.948170	
2010	67	2100	67.875000000		03/08/2010 21:00	18.028	0.2824	13.13	47.7092	104.9222496	104.938399	0.202606	104.948220	
2010	67	2200	67.916666667		03/08/2010 22:00	17.923	0.2809	13.06	47.7127	104.9211793	104.937329	0.201554	104.947168	
2010	67	2300	67.958333333		03/08/2010 23:00	17.619	0.2767	13	47.7228	104.9180802	104.934230	0.198506	104.944120	
2010	67	2400	68.000000000		03/09/2010 0:00	17.465	0.2745	12.93	47.7280	104.9165103	104.932660	0.196961	104.942575	
2010	68	100	68.041666667		03/09/2010 1:00	17.464	0.2745	12.87	47.7280	104.9165001	104.932650	0.196951	104.942565	
2010	68	200	68.083333333		03/09/2010 2:00	17.156	0.2702	12.81	47.7383	104.9133603	104.929510	0.193863	104.939477	
2010	68	300	68.125000000		03/09/2010 3:00	16.91	0.2668	12.76	47.7465	104.9108525	104.927002	0.191397	104.937011	
2010	68	400	68.166666667		03/09/2010 4:00	16.721	0.2641	12.7	47.7529	104.9089258	104.925076	0.189502	104.935116	
2010	68	500	68.208333333		03/09/2010 5:00	16.437	0.2602	12.65	47.7624	104.9060306	104.922180	0.186654	104.932268	
2010	68	600	68.250000000		03/09/2010 6:00	16.519	0.2613	12.61	47.7596	104.9068666	104.923016	0.187477	104.933091	
2010	68	700	68.291666667		03/09/2010 7:00	16.057	0.2549	13.98	47.7751	104.9021568	104.918307	0.182844	104.928458	
2010	68	800	68.333333333		03/09/2010 8:00	16.162	0.2563	13.91	47.7716	104.9032272	104.919377	0.183897	104.929511	
2010	68	900	68.375000000		03/09/2010 9:00	15.353	0.2450	13.83	47.7986	104.8949801	104.911130	0.175786	104.921400	
2010	68	1000	68.416666667		03/09/2010 10:00	16.39	0.2595	13.76	47.7639	104.9055515	104.921701	0.186183	104.931797	
2010	68	1100	68.458333333		03/09/2010 11:00	15.241	0.2435	13.71	47.8024	104.8938384	104.909988	0.174663	104.920277	
2010	68	1200	68.500000000		03/09/2010 12:00	15.06	0.2409	13.67	47.8084	104.8919932	104.908143	0.172848	104.918462	
2010	68	1300	68.541666667		03/09/2010 13:00	15.474	0.2467	13.66	47.7946	104.8962136	104.912363	0.176999	104.922613	
2010	68	1400	68.583333333		03/09/2010 14:00	15.202	0.2429	13.65	47.8037	104.8934408	104.909591	0.174272	104.919886	
2010	68	1500	68.625000000		03/09/2010 15:00	14.941	0.2393	13.67	47.8124	104.8907801	104.906930	0.171655	104.917269	
2010	68	1600	68.666666667		03/09/2010 16:00	14.778	0.2370	13.69	47.8179	104.8891184	104.905268	0.170021	104.915635	
2010	68	1700	68.708333333		03/09/2010 17:00	14.802	0.2373	13.7	47.8171	104.8893631	104.905513	0.170261	104.915875	
2010	68	1800	68.750000000		03/09/2010 18:00	14.544	0.2337	13.52	47.8257	104.886733	104.902883	0.167674	104.913288	
2010	68	1900	68.791666667		03/09/2010 19:00	14.358	0.2311	13.38	47.8319	104.8848369	104.900987	0.165809	104.911423	
2010	68	2000	68.833333333		03/09/2010 20:00	14.11	0.2276	13.28	47.8402	104.8823087	104.898459	0.163323	104.908937	
2010	68	2100	68.875000000		03/09/2010 21:00	13.766	0.2228	13.21	47.8517	104.8788019	104.894952	0.159874	104.905488	
2010	68	2200	68.916666667		03/09/2010 22:00	13.614	0.2207	13.13	47.8568	104.8772524	104.893402	0.158350	104.903964	
2010	68	2300	68.958333333		03/09/2010 23:00	13.71	0.2221	13.06	47.8536	104.878231	104.894381	0.159312	104.904926	
2010	68	2400	69.000000000		03/10/2010 0:00	13.143	0.2141	13	47.8725	104.8724509	104.888601	0.153627	104.899241	
2010	69	100	69.041666667		03/10/2010 1:00	13.167	0.2145	12.93	47.8717	104.8726955	104.888845	0.153868	104.899482	
2010	69	200	69.083333333		03/10/2010 2:00	12.905	0.2108	12.87	47.8805	104.8700247	104.886174	0.151241	104.896855	
2010	69	300	69.125000000		03/10/2010 3:00	12.728	0.2083	12.82	47.8864	104.8682203	104.884370	0.149466	104.895080	
2010	69	400	69.166666667		03/10/2010 4:00	12.469	0.2047	12.76	47.8951	104.86558	104.881730	0.146870	104.892484	
2010	69	500	69.208333333		03/10/2010 5:00	12.149	0.2002	12.71	47.9058	104.8623178	104.878468	0.143661	104.889275	
2010	69	600	69.250000000		03/10/2010 6:00	11.911	0.1969	12.67	47.9137	104.8598916	104.876041	0.141275	104.886889	
2010	69	700	69.291666667		03/10/2010 7:00	11.615	0.1928	13.91	47.9236	104.8568741	104.873024	0.138307	104.883921	
2010	69	800	69.333333333		03/10/2010 8:00	10.523	0.1775	13.87	47.9602	104.845742	104.861892	0.127358	104.872972	
2010	69	900	69.375000000		03/10/2010 9:00	11.777	0.1950	13.79	47.9182	104.8585256	104.874675	0.139931	104.885545	
2010	69	1000	69.416666667		03/10/2010 10:00	10.496	0.1771	13.71	47.9611	104.8454668	104.861617	0.127088	104.872702	
2010	69	1100	69.458333333		03/10/2010 11:00	10.978	0.1839	13.65	47.9449	104.8503804	104.866530	0.131920	104.877534	
2010	69	1200	69.500000000		03/10/2010 12:00	10.162	0.1725	13.63	47.9722	104.8420619	104.858212	0.123739	104.869353	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1300	69.541666667		03/10/2010 13:00	9.2365	0.1595	13.61	48.0032	104.8326272	104.848777	0.114459	104.860073	
2010	69	1400	69.583333333		03/10/2010 14:00	10.371	0.1754	13.57	47.9652	104.8441925	104.860342	0.125834	104.871448	
2010	69	1500	69.625000000		03/10/2010 15:00	10.431	0.1762	13.56	47.9632	104.8448042	104.860954	0.126436	104.872050	
2010	69	1600	69.666666667		03/10/2010 16:00	10.904	0.1828	13.56	47.9474	104.849626	104.865776	0.131178	104.876792	
2010	69	1700	69.708333333		03/10/2010 17:00	10.079	0.1713	13.61	47.9750	104.8412158	104.857366	0.122907	104.868521	
2010	69	1800	69.750000000		03/10/2010 18:00	9.4995	0.1632	13.45	47.9944	104.8353082	104.851458	0.117096	104.862710	
2010	69	1900	69.791666667		03/10/2010 19:00	9.3124	0.1606	13.31	48.0007	104.8334009	104.849551	0.115220	104.860834	
2010	69	2000	69.833333333		03/10/2010 20:00	9.2439	0.1596	13.22	48.0029	104.8327026	104.848852	0.114533	104.860147	
2010	69	2100	69.875000000		03/10/2010 21:00	8.913	0.1550	13.14	48.0140	104.8293293	104.845479	0.111216	104.856830	
2010	69	2200	69.916666667		03/10/2010 22:00	8.8418	0.1540	13.07	48.0164	104.8286035	104.844753	0.110502	104.856116	
2010	69	2300	69.958333333		03/10/2010 23:00	8.6285	0.1510	13	48.0235	104.8264291	104.842579	0.108363	104.853977	
2010	69	2400	70.000000000		03/11/2010 0:00	8.3799	0.1476	12.95	48.0318	104.8238948	104.840045	0.105871	104.851485	
2010	70	100	70.041666667		03/11/2010 1:00	8.1906	0.1449	12.89	48.0382	104.821965	104.838115	0.103973	104.849587	
2010	70	200	70.083333333		03/11/2010 2:00	8.0365	0.1428	12.82	48.0433	104.8203941	104.836544	0.102428	104.848042	
2010	70	300	70.125000000		03/11/2010 3:00	7.8827	0.1406	12.77	48.0485	104.8188262	104.834976	0.100886	104.846500	
2010	70	400	70.166666667		03/11/2010 4:00	7.8237	0.1398	12.72	48.0504	104.8182248	104.834375	0.100294	104.845908	
2010	70	500	70.208333333		03/11/2010 5:00	7.7882	0.1393	12.68	48.0516	104.8178629	104.834013	0.099938	104.845552	
2010	70	600	70.250000000		03/11/2010 6:00	7.5989	0.1367	12.63	48.0580	104.8159331	104.832083	0.098040	104.843654	
2010	70	700	70.291666667		03/11/2010 7:00	7.5989	0.1367	12.65	48.0580	104.8159331	104.832083	0.098040	104.843654	
2010	70	800	70.333333333		03/11/2010 8:00	7.2794	0.1322	13.8	48.0686	104.8126761	104.828826	0.094837	104.840451	
2010	70	900	70.375000000		03/11/2010 9:00	7.0999	0.1297	13.77	48.0747	104.8108462	104.826996	0.093037	104.838651	
2010	70	1000	70.416666667		03/11/2010 10:00	7.2179	0.1313	13.72	48.0707	104.8120491	104.828199	0.094220	104.839834	
2010	70	1100	70.458333333		03/11/2010 11:00	7.0852	0.1295	13.67	48.0751	104.8106963	104.826846	0.092890	104.838504	
2010	70	1200	70.500000000		03/11/2010 12:00	7.0733	0.1293	13.66	48.0755	104.810575	104.826725	0.092770	104.838384	
2010	70	1300	70.541666667		03/11/2010 13:00	6.9196	0.1272	13.66	48.0807	104.8090082	104.825158	0.091229	104.836843	
2010	70	1400	70.583333333		03/11/2010 14:00	6.8722	0.1265	13.66	48.0823	104.808525	104.824675	0.090754	104.836368	
2010	70	1500	70.625000000		03/11/2010 15:00	6.683	0.1239	13.65	48.0886	104.8065962	104.822746	0.088857	104.834471	
2010	70	1600	70.666666667		03/11/2010 16:00	6.5764	0.1224	13.67	48.0922	104.8055095	104.821659	0.087788	104.833402	
2010	70	1700	70.708333333		03/11/2010 17:00	6.5055	0.1214	13.64	48.0945	104.8047868	104.820937	0.087077	104.832691	
2010	70	1800	70.750000000		03/11/2010 18:00	6.4819	0.1210	13.41	48.0953	104.8045462	104.820696	0.086841	104.832455	
2010	70	1900	70.791666667		03/11/2010 19:00	6.2925	0.1184	13.29	48.1017	104.8026154	104.818765	0.084942	104.830556	
2010	70	2000	70.833333333		03/11/2010 20:00	6.0795	0.1154	13.2	48.1088	104.800444	104.816594	0.082806	104.828420	
2010	70	2100	70.875000000		03/11/2010 21:00	6.0557	0.1151	13.12	48.1096	104.8002014	104.816351	0.082567	104.828181	
2010	70	2200	70.916666667		03/11/2010 22:00	5.9847	0.1141	13.05	48.1120	104.7994776	104.815627	0.081855	104.827469	
2010	70	2300	70.958333333		03/11/2010 23:00	6.0089	0.1144	12.97	48.1111	104.7997243	104.815874	0.082098	104.827712	
2010	70	2400	71.000000000		03/12/2010 0:00	5.9161	0.1131	12.91	48.1142	104.7987783	104.814928	0.081168	104.826782	
2010	71	100	71.041666667		03/12/2010 1:00	5.7149	0.1103	12.85	48.1210	104.7967272	104.812877	0.079150	104.824764	
2010	71	200	71.083333333		03/12/2010 2:00	5.8687	0.1125	12.8	48.1158	104.7982951	104.814445	0.080692	104.826306	
2010	71	300	71.125000000		03/12/2010 3:00	5.7739	0.1111	12.75	48.1190	104.7973287	104.813478	0.079742	104.825356	
2010	71	400	71.166666667		03/12/2010 4:00	5.6793	0.1098	12.69	48.1222	104.7963643	104.812514	0.078793	104.824407	
2010	71	500	71.208333333		03/12/2010 5:00	5.336	0.1050	12.65	48.1336	104.7928646	104.809014	0.075351	104.820965	
2010	71	600	71.250000000		03/12/2010 6:00	5.3109	0.1047	12.62	48.1345	104.7926087	104.808759	0.075100	104.820714	
2010	71	700	71.291666667		03/12/2010 7:00	5.8075	0.1116	12.73	48.1179	104.7976712	104.813821	0.080079	104.825693	
2010	71	800	71.333333333		03/12/2010 8:00	5.6535	0.1095	13.6	48.1230	104.7961013	104.812251	0.078535	104.824149	
2010	71	900	71.375000000		03/12/2010 9:00	5.8526	0.1122	13.58	48.1164	104.7981309	104.814281	0.080531	104.826145	
2010	71	1000	71.416666667		03/12/2010 10:00	6.0657	0.1152	13.54	48.1092	104.8003033	104.816453	0.082668	104.828282	
2010	71	1100	71.458333333		03/12/2010 11:00	5.8873	0.1127	13.52	48.1152	104.7984847	104.814635	0.080879	104.826493	
2010	71	1200	71.500000000		03/12/2010 12:00	5.9227	0.1132	13.5	48.1140	104.7988456	104.814995	0.081234	104.826848	
2010	71	1300	71.541666667		03/12/2010 13:00	6.0414	0.1149	13.52	48.1101	104.8000556	104.816205	0.082424	104.828038	
2010	71	1400	71.583333333		03/12/2010 14:00	6.0065	0.1144	13.55	48.1112	104.7996998	104.815850	0.082074	104.827688	
2010	71	1500	71.625000000		03/12/2010 15:00	6.2442	0.1177	13.53	48.1033	104.802123	104.818273	0.084457	104.830071	
2010	71	1600	71.666666667		03/12/2010 16:00	6.1031	0.1157	13.37	48.1080	104.8006846	104.816834	0.083043	104.828657	
2010	71	1700	71.708333333		03/12/2010 17:00	5.9988	0.1143	13.27	48.1115	104.7996213	104.815771	0.081997	104.827611	
2010	71	1800	71.750000000		03/12/2010 18:00	6.0699	0.1153	13.17	48.1091	104.8003462	104.816496	0.082710	104.828324	
2010	71	1900	71.791666667		03/12/2010 19:00	6.0816	0.1154	13.1	48.1087	104.8004654	104.816615	0.082827	104.828441	
2010	71	2000	71.833333333		03/12/2010 20:00	6.0105	0.1145	13.03	48.1111	104.7997406	104.815890	0.082114	104.827728	
2010	71	2100	71.875000000		03/12/2010 21:00	5.8216	0.1118	12.97	48.1174	104.7978149	104.813965	0.080220	104.825834	
2010	71	2200	71.916666667		03/12/2010 22:00	5.7867	0.1113	12.9	48.1186	104.7974592	104.813609	0.079870	104.825484	
2010	71	2300	71.958333333		03/12/2010 23:00	5.8104	0.1117	12.84	48.1178	104.7977008	104.813851	0.080108	104.825722	
2010	71	2400	72.000000000		03/13/2010 0:00	5.6568	0.1095	12.79	48.1229	104.7961349	104.812285	0.078568	104.824182	
2010	72	100	72.041666667		03/13/2010 1:00	5.6339	0.1092	12.74	48.1237	104.7959015	104.812051	0.078338	104.823952	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	200	72.083333333		03/13/2010 2:00	5.5863	0.1085	12.68	48.1253	104.7954162	104.811566	0.077861	104.823475	
2010	72	300	72.125000000		03/13/2010 3:00	5.6098	0.1089	12.64	48.1245	104.7956558	104.811806	0.078097	104.823711	
2010	72	400	72.166666667		03/13/2010 4:00	5.386	0.1057	12.6	48.1320	104.7933743	104.809524	0.075853	104.821467	
2010	72	500	72.208333333		03/13/2010 5:00	5.4936	0.1072	12.56	48.1284	104.7944712	104.810621	0.076932	104.822546	
2010	72	600	72.250000000		03/13/2010 6:00	5.3515	0.1052	12.53	48.1331	104.7930226	104.809172	0.075507	104.821121	
2010	72	700	72.291666667		03/13/2010 7:00	5.02	0.1006	13.88	48.1442	104.7896432	104.805793	0.072183	104.817797	
2010	72	800	72.333333333		03/13/2010 8:00	5.0064	0.1004	13.81	48.1447	104.7895046	104.805654	0.072047	104.817661	
2010	72	900	72.375000000		03/13/2010 9:00	4.8152	0.0977	13.76	48.1511	104.7875555	104.803705	0.070130	104.815744	
2010	72	1000	72.416666667		03/13/2010 10:00	4.8495	0.0982	13.69	48.1499	104.7879051	104.804055	0.070474	104.816088	
2010	72	1100	72.458333333		03/13/2010 11:00	3.7605	0.0830	13.63	48.1863	104.7768036	104.792953	0.059555	104.805169	
2010	72	1200	72.500000000		03/13/2010 12:00	5.0956	0.1017	13.59	48.1417	104.7904139	104.806564	0.072941	104.818555	
2010	72	1300	72.541666667		03/13/2010 13:00	9.2005	0.1590	13.55	48.0044	104.8322602	104.848410	0.114098	104.859712	
2010	72	1400	72.583333333		03/13/2010 14:00	4.2203	0.0894	13.55	48.1710	104.7814909	104.797641	0.064165	104.809779	
2010	72	1500	72.625000000		03/13/2010 15:00	4.4206	0.0922	13.51	48.1643	104.7835328	104.799683	0.066173	104.811787	
2010	72	1600	72.666666667		03/13/2010 16:00	5.6388	0.1093	13.51	48.1235	104.7959514	104.812101	0.078387	104.824001	
2010	72	1700	72.708333333		03/13/2010 17:00	5.5333	0.1078	13.54	48.1270	104.7948759	104.811026	0.077330	104.822944	
2010	72	1800	72.750000000		03/13/2010 18:00	5.2629	0.1040	13.41	48.1361	104.7921194	104.808269	0.074618	104.820232	
2010	72	1900	72.791666667		03/13/2010 19:00	5.1452	0.1024	13.27	48.1400	104.7909196	104.807069	0.073438	104.819052	
2010	72	2000	72.833333333		03/13/2010 20:00	5.336	0.1050	13.18	48.1336	104.7928646	104.809014	0.075351	104.820965	
2010	72	2100	72.875000000		03/13/2010 21:00	5.1473	0.1024	13.1	48.1400	104.790941	104.807091	0.073459	104.819073	
2010	72	2200	72.916666667		03/13/2010 22:00	5.1602	0.1026	13.02	48.1395	104.7910725	104.807222	0.073589	104.819203	
2010	72	2300	72.958333333		03/13/2010 23:00	5.1838	0.1029	12.96	48.1387	104.7913131	104.807463	0.073825	104.819439	
2010	72	2400	73.000000000		03/14/2010 0:00	5.1245	0.1021	12.9	48.1407	104.7907085	104.806858	0.073231	104.818845	
2010	73	100	73.041666667		03/14/2010 1:00	5.1847	0.1029	12.84	48.1387	104.7913222	104.807472	0.073834	104.819448	
2010	73	200	73.083333333		03/14/2010 2:00	4.9371	0.0995	12.78	48.1470	104.7887981	104.804948	0.071352	104.816966	
2010	73	300	73.125000000		03/14/2010 3:00	5.1384	0.1023	12.72	48.1403	104.7908502	104.807000	0.073370	104.818984	
2010	73	400	73.166666667		03/14/2010 4:00	5.3396	0.1051	12.67	48.1335	104.7929013	104.809051	0.075387	104.821001	
2010	73	500	73.208333333		03/14/2010 5:00	5.2338	0.1036	12.62	48.1371	104.7918228	104.807973	0.074327	104.819941	
2010	73	600	73.250000000		03/14/2010 6:00	5.1874	0.1030	12.58	48.1386	104.7913498	104.807500	0.073861	104.819475	
2010	73	700	73.291666667		03/14/2010 7:00	4.6545	0.0955	14	48.1564	104.7859173	104.802067	0.068518	104.814132	
2010	73	800	73.333333333		03/14/2010 8:00	4.6292	0.0952	13.91	48.1573	104.7856593	104.801809	0.068265	104.813879	
2010	73	900	73.375000000		03/14/2010 9:00	5.728	0.1105	13.8	48.1205	104.7968608	104.813011	0.079282	104.824896	
2010	73	1000	73.416666667		03/14/2010 10:00	4.6616	0.0956	13.71	48.1562	104.7859896	104.802139	0.068590	104.814204	
2010	73	1100	73.458333333		03/14/2010 11:00	3.7131	0.0823	13.65	48.1879	104.7763204	104.792470	0.059080	104.804694	
2010	73	1200	73.500000000		03/14/2010 12:00	4.2677	0.0901	13.6	48.1694	104.7819741	104.798124	0.064640	104.810254	
2010	73	1300	73.541666667		03/14/2010 13:00	4.6579	0.0956	13.57	48.1563	104.7859519	104.802102	0.068552	104.814166	
2010	73	1400	73.583333333		03/14/2010 14:00	5.4505	0.1066	13.56	48.1298	104.7940319	104.810182	0.076499	104.822113	
2010	73	1500	73.625000000		03/14/2010 15:00	4.6581	0.0956	13.54	48.1563	104.785954	104.802104	0.068554	104.814168	
2010	73	1600	73.666666667		03/14/2010 16:00	5.1787	0.1028	13.54	48.1389	104.7912611	104.807411	0.073774	104.819388	
2010	73	1700	73.708333333		03/14/2010 17:00	4.9299	0.0994	13.57	48.1472	104.7887247	104.804875	0.071280	104.816894	
2010	73	1800	73.750000000		03/14/2010 18:00	4.9082	0.0990	13.41	48.1480	104.7885035	104.804653	0.071062	104.816676	
2010	73	1900	73.791666667		03/14/2010 19:00	4.625	0.0951	13.28	48.1574	104.7856165	104.801766	0.068223	104.813837	
2010	73	2000	73.833333333		03/14/2010 20:00	4.756	0.0969	13.18	48.1530	104.786952	104.803102	0.069536	104.815150	
2010	73	2100	73.875000000		03/14/2010 21:00	4.5559	0.0941	13.1	48.1597	104.7849121	104.801062	0.067530	104.813144	
2010	73	2200	73.916666667		03/14/2010 22:00	4.4264	0.0923	13.04	48.1641	104.783592	104.799742	0.066231	104.811845	
2010	73	2300	73.958333333		03/14/2010 23:00	4.5328	0.0938	12.97	48.1605	104.7846766	104.800826	0.067298	104.812912	
2010	73	2400	74.000000000		03/15/2010 0:00	4.4499	0.0926	12.91	48.1633	104.7838315	104.799981	0.066467	104.812081	
2010	74	100	74.041666667		03/15/2010 1:00	4.3555	0.0913	12.84	48.1664	104.7828692	104.799019	0.065520	104.811134	
2010	74	200	74.083333333		03/15/2010 2:00	4.356	0.0913	12.79	48.1664	104.7828743	104.799024	0.065525	104.811139	
2010	74	300	74.125000000		03/15/2010 3:00	4.049	0.0870	12.74	48.1767	104.7797447	104.795894	0.062447	104.808061	
2010	74	400	74.166666667		03/15/2010 4:00	3.9299	0.0854	12.68	48.1807	104.7785305	104.794680	0.061253	104.806867	
2010	74	500	74.208333333		03/15/2010 5:00	3.9644	0.0859	12.64	48.1795	104.7788822	104.795032	0.061599	104.807213	
2010	74	600	74.250000000		03/15/2010 6:00	3.8232	0.0839	12.6	48.1842	104.7774428	104.793593	0.060183	104.805797	
2010	74	700	74.291666667		03/15/2010 7:00	3.4088	0.0781	13.87	48.1981	104.7732183	104.789368	0.056028	104.801642	
2010	74	800	74.333333333		03/15/2010 8:00	2.7572	0.0690	13.81	48.2199	104.7665758	104.782726	0.049495	104.795109	
2010	74	900	74.375000000		03/15/2010 9:00	2.9454	0.0716	13.73	48.2136	104.7684943	104.784644	0.051382	104.796996	
2010	74	1000	74.416666667		03/15/2010 10:00	3.0032	0.0724	13.63	48.2117	104.7690835	104.785233	0.051962	104.797576	
2010	74	1100	74.458333333		03/15/2010 11:00	2.7298	0.0686	13.57	48.2208	104.7662964	104.782446	0.049221	104.794835	
2010	74	1200	74.500000000		03/15/2010 12:00	2.9663	0.0719	13.54	48.2129	104.7687074	104.784857	0.051592	104.797206	
2010	74	1300	74.541666667		03/15/2010 13:00	2.9067	0.0711	13.52	48.2149	104.7680998	104.784250	0.050994	104.796608	
2010	74	1400	74.583333333		03/15/2010 14:00	2.8238	0.0699	13.5	48.2177	104.7672547	104.783405	0.050163	104.795777	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1500	74.625000000		03/15/2010 15:00	2.5278	0.0658	13.49	48.2276	104.7642372	104.780387	0.047195	104.792809	
2010	74	1600	74.666666667		03/15/2010 16:00	2.6346	0.0673	13.5	48.2240	104.765326	104.781476	0.048266	104.793880	
2010	74	1700	74.708333333		03/15/2010 17:00	2.4811	0.0651	13.52	48.2291	104.7637611	104.779911	0.046727	104.792341	
2010	74	1800	74.750000000		03/15/2010 18:00	2.4459	0.0646	13.36	48.2303	104.7634023	104.779552	0.046374	104.791988	
2010	74	1900	74.791666667		03/15/2010 19:00	2.0685	0.0594	13.23	48.2429	104.759555	104.775705	0.042590	104.788204	
2010	74	2000	74.833333333		03/15/2010 20:00	2.104	0.0599	13.14	48.2417	104.7599169	104.776067	0.042946	104.788560	
2010	74	2100	74.875000000		03/15/2010 21:00	1.9028	0.0570	13.05	48.2485	104.7578658	104.774016	0.040929	104.786543	
2010	74	2200	74.916666667		03/15/2010 22:00	1.7963	0.0556	12.99	48.2520	104.7567801	104.772930	0.039861	104.785475	
2010	74	2300	74.958333333		03/15/2010 23:00	1.7962	0.0556	12.92	48.2520	104.7567791	104.772929	0.039860	104.785474	
2010	74	2400	75.000000000		03/16/2010 0:00	1.7736	0.0552	12.86	48.2528	104.7565487	104.772699	0.039633	104.785247	
2010	75	100	75.041666667		03/16/2010 1:00	1.5256	0.0518	12.79	48.2611	104.7540206	104.770170	0.037147	104.782761	
2010	75	200	75.083333333		03/16/2010 2:00	1.5023	0.0515	12.74	48.2619	104.753783	104.769933	0.036913	104.782527	
2010	75	300	75.125000000		03/16/2010 3:00	1.3247	0.0490	12.68	48.2678	104.7519725	104.768122	0.035132	104.780746	
2010	75	400	75.166666667		03/16/2010 4:00	1.242	0.0478	12.63	48.2706	104.7511295	104.767279	0.034303	104.779917	
2010	75	500	75.208333333		03/16/2010 5:00	1.0055	0.0445	12.6	48.2785	104.7487185	104.764868	0.031932	104.777546	
2010	75	600	75.250000000		03/16/2010 6:00	0.9934	0.0443	12.56	48.2789	104.7485952	104.764745	0.031811	104.777425	
2010	75	700	75.291666667		03/16/2010 7:00	0.41337	0.0362	13.86	48.2983	104.7426822	104.758832	0.025995	104.771609	
2010	75	800	75.333333333		03/16/2010 8:00	0.14092	0.0324	13.82	48.3074	104.7399048	104.756055	0.023263	104.768877	
2010	75	900	75.375000000		03/16/2010 9:00	0.35342	0.0354	13.72	48.3003	104.7420711	104.758221	0.025394	104.771008	
2010	75	1000	75.416666667		03/16/2010 10:00	0.15165	0.0326	13.63	48.3070	104.7400142	104.756164	0.023371	104.768985	
2010	75	1100	75.458333333		03/16/2010 11:00	0.03262	0.0309	13.54	48.3110	104.7388008	104.754951	0.022178	104.767792	
2010	75	1200	75.500000000		03/16/2010 12:00	0.22143	0.0336	13.48	48.3047	104.7407256	104.756875	0.024071	104.769685	
2010	75	1300	75.541666667		03/16/2010 13:00	-0.00356	0.0304	13.44	48.3122	104.738432	104.754582	0.021815	104.767429	
2010	75	1400	75.583333333		03/16/2010 14:00	-0.34673	0.0256	13.41	48.3237	104.7349336	104.751083	0.018374	104.763988	
2010	75	1500	75.625000000		03/16/2010 15:00	-0.27601	0.0266	13.37	48.3213	104.7356546	104.751804	0.019083	104.764697	
2010	75	1600	75.666666667		03/16/2010 16:00	0.16139	0.0327	13.36	48.3067	104.7401135	104.756263	0.023469	104.769083	
2010	75	1700	75.708333333		03/16/2010 17:00	-0.15731	0.0283	13.4	48.3174	104.7368646	104.753014	0.020273	104.765887	
2010	75	1800	75.750000000		03/16/2010 18:00	-0.08608	0.0293	13.31	48.3150	104.7375907	104.753741	0.020987	104.766601	
2010	75	1900	75.791666667		03/16/2010 19:00	-0.26323	0.0268	13.16	48.3209	104.7357848	104.751935	0.019211	104.764825	
2010	75	2000	75.833333333		03/16/2010 20:00	-0.61784	0.0218	13.07	48.3328	104.7321699	104.748320	0.015656	104.761270	
2010	75	2100	75.875000000		03/16/2010 21:00	-0.5469	0.0228	12.99	48.3304	104.732893	104.749043	0.016367	104.761981	
2010	75	2200	75.916666667		03/16/2010 22:00	-0.60598	0.0220	12.91	48.3324	104.7322908	104.748441	0.015775	104.761389	
2010	75	2300	75.958333333		03/16/2010 23:00	-0.75945	0.0198	12.85	48.3375	104.7307263	104.746876	0.014236	104.759850	
2010	75	2400	76.000000000		03/17/2010 0:00	-0.87778	0.0182	12.79	48.3415	104.72952	104.745670	0.013050	104.758664	
2010	76	100	76.041666667		03/17/2010 1:00	-0.85416	0.0185	12.74	48.3407	104.7297608	104.745911	0.013286	104.758900	
2010	76	200	76.083333333		03/17/2010 2:00	-1.1733	0.0141	12.69	48.3514	104.7265074	104.742657	0.010087	104.755701	
2010	76	300	76.125000000		03/17/2010 3:00	-1.0787	0.0154	12.64	48.3482	104.7274718	104.743622	0.011035	104.756649	
2010	76	400	76.166666667		03/17/2010 4:00	-1.2916	0.0124	12.59	48.3553	104.7253014	104.741451	0.008900	104.754514	
2010	76	500	76.208333333		03/17/2010 5:00	-1.1139	0.0149	12.57	48.3494	104.7271129	104.743263	0.010682	104.756296	
2010	76	600	76.250000000		03/17/2010 6:00	-1.3033	0.0122	12.54	48.3557	104.7251821	104.741332	0.008783	104.754397	
2010	76	700	76.291666667		03/17/2010 7:00	-1.5164	0.0093	13.8	48.3628	104.7230097	104.739160	0.006646	104.752260	
2010	76	800	76.333333333		03/17/2010 8:00	-1.5876	0.0083	13.78	48.3652	104.7222839	104.738434	0.005933	104.751547	
2010	76	900	76.375000000		03/17/2010 9:00	-1.481	0.0098	13.71	48.3616	104.7233706	104.739520	0.007001	104.752615	
2010	76	1000	76.416666667		03/17/2010 10:00	-1.1381	0.0146	13.63	48.3502	104.7268662	104.743016	0.010439	104.756053	
2010	76	1100	76.458333333		03/17/2010 11:00	-1.1857	0.0139	13.56	48.3518	104.726381	104.742531	0.009962	104.755576	
2010	76	1200	76.500000000		03/17/2010 12:00	-1.3395	0.0117	13.54	48.3569	104.7248131	104.740963	0.008420	104.754034	
2010	76	1300	76.541666667		03/17/2010 13:00	-2.1557	0.0003	13.52	48.3842	104.7164926	104.732642	0.000237	104.745851	
2010	76	1400	76.583333333		03/17/2010 14:00	-0.78382	0.0195	13.49	48.3383	104.7304778	104.746628	0.013992	104.759606	
2010	76	1500	76.625000000		03/17/2010 15:00	-1.7772	0.0056	13.52	48.3716	104.7203511	104.736501	0.004032	104.749646	
2010	76	1600	76.666666667		03/17/2010 16:00	-2.1911	-0.0002	13.5	48.3854	104.7161317	104.732282	-0.000118	104.745496	
2010	76	1700	76.708333333		03/17/2010 17:00	-1.1621	0.0142	13.51	48.3510	104.7266216	104.742771	0.010199	104.755813	
2010	76	1800	76.750000000		03/17/2010 18:00	-1.7298	0.0063	13.42	48.3700	104.7208343	104.736984	0.004507	104.750121	
2010	76	1900	76.791666667		03/17/2010 19:00	-2.0018	0.0025	13.27	48.3791	104.7180615	104.734211	0.001780	104.747394	
2010	76	2000	76.833333333		03/17/2010 20:00	-1.9071	0.0038	13.18	48.3759	104.7190269	104.735177	0.002729	104.748343	
2010	76	2100	76.875000000		03/17/2010 21:00	-1.8716	0.0043	13.1	48.3747	104.7193888	104.735539	0.003085	104.748699	
2010	76	2200	76.916666667		03/17/2010 22:00	-2.0018	0.0025	13.03	48.3791	104.7180615	104.734211	0.001780	104.747394	
2010	76	2300	76.958333333		03/17/2010 23:00	-1.9307	0.0035	12.96	48.3767	104.7187863	104.734936	0.002493	104.748107	
2010	76	2400	77.000000000		03/18/2010 0:00	-2.1912	-0.0002	12.89	48.3854	104.7161307	104.732281	-0.000119	104.745495	
2010	77	100	77.041666667		03/18/2010 1:00	-2.1912	-0.0002	12.83	48.3854	104.7161307	104.732281	-0.000119	104.745495	
2010	77	200	77.083333333		03/18/2010 2:00	-2.4516	-0.0038	12.77	48.3941	104.7134761	104.729626	-0.002730	104.742884	
2010	77	300	77.125000000		03/18/2010 3:00	-2.2385	-0.0008	12.72	48.3870	104.7156485	104.731798	-0.000594	104.745020	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	400	77.166666667		03/18/2010 4:00	-2.6293	-0.0063	12.67	48.4001	104.7116646	104.727814	-0.004512	104.741102	
2010	77	500	77.208333333		03/18/2010 5:00	-0.95972	0.0170	12.62	48.3442	104.7286847	104.744834	0.012228	104.757842	
2010	77	600	77.250000000		03/18/2010 6:00	-1.1018	0.0151	12.58	48.3490	104.7272363	104.743386	0.010803	104.756417	
2010	77	700	77.291666667		03/18/2010 7:00	-1.5754	0.0084	13.89	48.3648	104.7224083	104.738558	0.006055	104.751669	
2010	77	800	77.333333333		03/18/2010 8:00	-1.0665	0.0156	13.81	48.3478	104.7275961	104.743746	0.011157	104.756771	
2010	77	900	77.375000000		03/18/2010 9:00	-0.87745	0.0182	13.74	48.3415	104.7295233	104.745673	0.013053	104.758667	
2010	77	1000	77.416666667		03/18/2010 10:00	-1.8717	0.0043	13.65	48.3747	104.7193877	104.735538	0.003084	104.748698	
2010	77	1100	77.458333333		03/18/2010 11:00	-1.1383	0.0145	13.59	48.3502	104.7268642	104.743014	0.010437	104.756051	
2010	77	1200	77.500000000		03/18/2010 12:00	-0.59419	0.0222	13.56	48.3320	104.732411	104.748561	0.015893	104.761507	
2010	77	1300	77.541666667		03/18/2010 13:00	-0.57051	0.0225	13.56	48.3312	104.7326524	104.748802	0.016130	104.761744	
2010	77	1400	77.583333333		03/18/2010 14:00	-0.52342	0.0231	13.52	48.3296	104.7331324	104.749282	0.016603	104.762217	
2010	77	1500	77.625000000		03/18/2010 15:00	-0.83098	0.0188	13.5	48.3399	104.7299971	104.746147	0.013519	104.759133	
2010	77	1600	77.666666667		03/18/2010 16:00	-0.67721	0.0210	13.5	48.3348	104.7315646	104.747714	0.015061	104.760675	
2010	77	1700	77.708333333		03/18/2010 17:00	-0.44065	0.0243	13.52	48.3268	104.7339762	104.750126	0.017432	104.763046	
2010	77	1800	77.750000000		03/18/2010 18:00	-0.68877	0.0208	13.42	48.3351	104.7314468	104.747597	0.014945	104.760559	
2010	77	1900	77.791666667		03/18/2010 19:00	-0.71213	0.0205	13.27	48.3359	104.7312087	104.747358	0.014710	104.760324	
2010	77	2000	77.833333333		03/18/2010 20:00	-0.78276	0.0195	13.18	48.3383	104.7304886	104.746638	0.014002	104.759616	
2010	77	2100	77.875000000		03/18/2010 21:00	-1.0313	0.0160	13.1	48.3466	104.727955	104.744105	0.011510	104.757124	
2010	77	2200	77.916666667		03/18/2010 22:00	-0.75879	0.0199	13.02	48.3375	104.730733	104.746883	0.014243	104.759857	
2010	77	2300	77.958333333		03/18/2010 23:00	-0.67578	0.0210	12.95	48.3347	104.7315792	104.747729	0.015075	104.760689	
2010	77	2400	78.000000000		03/19/2010 0:00	-0.71106	0.0205	12.89	48.3359	104.7312196	104.747369	0.014721	104.760335	
2010	78	100	78.041666667		03/19/2010 1:00	-0.69919	0.0207	12.83	48.3355	104.7313406	104.747490	0.014840	104.760454	
2010	78	200	78.083333333		03/19/2010 2:00	-0.82944	0.0189	12.78	48.3399	104.7300128	104.746163	0.013534	104.759148	
2010	78	300	78.125000000		03/19/2010 3:00	-0.8413	0.0187	12.72	48.3402	104.7298919	104.746042	0.013415	104.759029	
2010	78	400	78.166666667		03/19/2010 4:00	-0.77029	0.0197	12.67	48.3379	104.7306158	104.746766	0.014127	104.759741	
2010	78	500	78.208333333		03/19/2010 5:00	-0.77029	0.0197	12.62	48.3379	104.7306158	104.746766	0.014127	104.759741	
2010	78	600	78.250000000		03/19/2010 6:00	-0.85301	0.0185	12.57	48.3406	104.7297725	104.745922	0.013298	104.758912	
2010	78	700	78.291666667		03/19/2010 7:00	-1.0543	0.0157	13.94	48.3474	104.7277205	104.743870	0.011280	104.756894	
2010	78	800	78.333333333		03/19/2010 8:00	-0.91262	0.0177	13.85	48.3426	104.7291648	104.745315	0.012700	104.758314	
2010	78	900	78.375000000		03/19/2010 9:00	-1.6231	0.0078	13.77	48.3664	104.721922	104.738072	0.005577	104.751191	
2010	78	1000	78.416666667		03/19/2010 10:00	-0.81846	0.0190	13.7	48.3395	104.7301247	104.746275	0.013644	104.759258	
2010	78	1100	78.458333333		03/19/2010 11:00	-1.2801	0.0126	13.63	48.3549	104.7254186	104.741568	0.009016	104.754630	
2010	78	1200	78.500000000		03/19/2010 12:00	-1.3513	0.0116	13.57	48.3573	104.7246928	104.740843	0.008302	104.753916	
2010	78	1300	78.541666667		03/19/2010 13:00	-0.92553	0.0175	13.54	48.3431	104.7290332	104.745183	0.012571	104.758185	
2010	78	1400	78.583333333		03/19/2010 14:00	-0.51181	0.0233	13.5	48.3292	104.7332508	104.749401	0.016719	104.762333	
2010	78	1500	78.625000000		03/19/2010 15:00	-1.0913	0.0152	13.48	48.3486	104.7273433	104.743493	0.010909	104.756523	
2010	78	1600	78.666666667		03/19/2010 16:00	-1.4343	0.0104	13.49	48.3601	104.7238467	104.739997	0.007470	104.753084	
2010	78	1700	78.708333333		03/19/2010 17:00	-0.8428	0.0187	13.51	48.3403	104.7298766	104.746026	0.013400	104.759014	
2010	78	1800	78.750000000		03/19/2010 18:00	-0.47593	0.0238	13.44	48.3280	104.7336165	104.749766	0.017079	104.762693	
2010	78	1900	78.791666667		03/19/2010 19:00	-0.6765	0.0210	13.27	48.3347	104.7315719	104.747722	0.015068	104.760682	
2010	78	2000	78.833333333		03/19/2010 20:00	-0.5934	0.0222	13.18	48.3320	104.732419	104.748569	0.015901	104.761515	
2010	78	2100	78.875000000		03/19/2010 21:00	-0.67615	0.0210	13.1	48.3347	104.7315754	104.747725	0.015071	104.760685	
2010	78	2200	78.916666667		03/19/2010 22:00	-0.78245	0.0195	13.02	48.3383	104.7304918	104.746642	0.014005	104.759619	
2010	78	2300	78.958333333		03/19/2010 23:00	-0.92436	0.0175	12.96	48.3430	104.7290451	104.745195	0.012583	104.758197	
2010	78	2400	79.000000000		03/20/2010 0:00	-0.59274	0.0222	12.9	48.3319	104.7324257	104.748576	0.015907	104.761521	
2010	79	100	79.041666667		03/20/2010 1:00	-0.66372	0.0212	12.83	48.3343	104.7317022	104.747852	0.015196	104.760810	
2010	79	200	79.083333333		03/20/2010 2:00	-0.78196	0.0195	12.76	48.3383	104.7304968	104.746647	0.014010	104.759624	
2010	79	300	79.125000000		03/20/2010 3:00	-0.80554	0.0192	12.7	48.3391	104.7302564	104.746406	0.013774	104.759388	
2010	79	400	79.166666667		03/20/2010 4:00	-0.58053	0.0223	12.66	48.3315	104.7325502	104.748700	0.016030	104.761644	
2010	79	500	79.208333333		03/20/2010 5:00	-0.56859	0.0225	12.61	48.3311	104.7326719	104.748822	0.016150	104.761764	
2010	79	600	79.250000000		03/20/2010 6:00	-0.74625	0.0200	12.56	48.3371	104.7308608	104.747011	0.014368	104.759982	
2010	79	700	79.291666667		03/20/2010 7:00	-1.1134	0.0149	13.98	48.3494	104.727118	104.743268	0.010687	104.756301	
2010	79	800	79.333333333		03/20/2010 8:00	-0.9834	0.0167	13.89	48.3450	104.7284433	104.744593	0.011991	104.757605	
2010	79	900	79.375000000		03/20/2010 9:00	-1.5875	0.0083	13.79	48.3652	104.7222849	104.738435	0.005934	104.751548	
2010	79	1000	79.416666667		03/20/2010 10:00	-2.4042	-0.0031	13.71	48.3925	104.7139593	104.730109	-0.002255	104.743359	
2010	79	1100	79.458333333		03/20/2010 11:00	-1.1145	0.0149	13.63	48.3494	104.7271068	104.743257	0.010676	104.756290	
2010	79	1200	79.500000000		03/20/2010 12:00	-1.7771	0.0056	13.57	48.3715	104.7203521	104.736502	0.004033	104.749647	
2010	79	1300	79.541666667		03/20/2010 13:00	-0.91372	0.0177	13.53	48.3427	104.7291536	104.745303	0.012689	104.758303	
2010	79	1400	79.583333333		03/20/2010 14:00	-0.54729	0.0228	13.47	48.3304	104.7328891	104.749039	0.016363	104.761977	
2010	79	1500	79.625000000		03/20/2010 15:00	-0.9732	0.0169	13.44	48.3447	104.7285472	104.744697	0.012093	104.757707	
2010	79	1600	79.666666667		03/20/2010 16:00	-0.784	0.0195	13.45	48.3383	104.730476	104.746626	0.013990	104.759604	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1700	79.708333333		03/20/2010 17:00	-0.53545	0.0230	13.47	48.3300	104.7330098	104.749160	0.016482	104.762096	
2010	79	1800	79.750000000		03/20/2010 18:00	-0.55874	0.0226	13.39	48.3308	104.7327723	104.748922	0.016248	104.761862	
2010	79	1900	79.791666667		03/20/2010 19:00	-0.72398	0.0203	13.23	48.3363	104.7310879	104.747238	0.014592	104.760206	
2010	79	2000	79.833333333		03/20/2010 20:00	-0.78316	0.0195	13.14	48.3383	104.7304846	104.746634	0.013998	104.759612	
2010	79	2100	79.875000000		03/20/2010 21:00	-0.99578	0.0165	13.07	48.3454	104.7283171	104.744467	0.011866	104.757480	
2010	79	2200	79.916666667		03/20/2010 22:00	-0.77095	0.0197	12.99	48.3379	104.730609	104.746759	0.014121	104.759735	
2010	79	2300	79.958333333		03/20/2010 23:00	-0.99582	0.0165	12.93	48.3454	104.7283167	104.744466	0.011866	104.757480	
2010	79	2400	80.000000000		03/21/2010 0:00	-0.98398	0.0167	12.86	48.3450	104.7284374	104.744587	0.011985	104.757599	
2010	80	100	80.041666667		03/21/2010 1:00	-0.87742	0.0182	12.82	48.3415	104.7295237	104.745673	0.013053	104.758667	
2010	80	200	80.083333333		03/21/2010 2:00	-0.81824	0.0190	12.77	48.3395	104.7301269	104.746277	0.013647	104.759261	
2010	80	300	80.125000000		03/21/2010 3:00	-1.0668	0.0155	12.71	48.3478	104.7275931	104.743743	0.011154	104.756768	
2010	80	400	80.166666667		03/21/2010 4:00	-0.84191	0.0187	12.67	48.3403	104.7298856	104.746035	0.013409	104.759023	
2010	80	500	80.208333333		03/21/2010 5:00	-0.94842	0.0172	12.64	48.3438	104.7287999	104.744950	0.012341	104.757955	
2010	80	600	80.250000000		03/21/2010 6:00	-0.98421	0.0167	12.6	48.3450	104.728435	104.744585	0.011982	104.757596	
2010	80	700	80.291666667		03/21/2010 7:00	-1.079	0.0154	13.35	48.3482	104.7274687	104.743619	0.011032	104.756646	
2010	80	800	80.333333333		03/21/2010 8:00	-0.93693	0.0174	13.63	48.3434	104.728917	104.745067	0.012456	104.758070	
2010	80	900	80.375000000		03/21/2010 9:00	-0.78316	0.0195	13.61	48.3383	104.7304846	104.746634	0.013998	104.759612	
2010	80	1000	80.416666667		03/21/2010 10:00	-0.91358	0.0177	13.59	48.3427	104.729155	104.745305	0.012691	104.758305	
2010	80	1100	80.458333333		03/21/2010 11:00	-0.77166	0.0197	13.57	48.3379	104.7306018	104.746752	0.014114	104.759728	
2010	80	1200	80.500000000		03/21/2010 12:00	-1.0437	0.0159	13.57	48.3470	104.7278286	104.743978	0.011386	104.757000	
2010	80	1300	80.541666667		03/21/2010 13:00	-0.9964	0.0165	13.55	48.3454	104.7283107	104.744461	0.011860	104.757474	
2010	80	1400	80.583333333		03/21/2010 14:00	-0.67698	0.0210	13.52	48.3348	104.731567	104.747717	0.015063	104.760677	
2010	80	1500	80.625000000		03/21/2010 15:00	-0.90176	0.0179	13.54	48.3423	104.7292755	104.745425	0.012809	104.758423	
2010	80	1600	80.666666667		03/21/2010 16:00	-0.49971	0.0235	13.51	48.3288	104.7333741	104.749524	0.016840	104.762454	
2010	80	1700	80.708333333		03/21/2010 17:00	-0.85461	0.0185	13.52	48.3407	104.7297562	104.745906	0.013282	104.758896	
2010	80	1800	80.750000000		03/21/2010 18:00	-0.80712	0.0192	13.35	48.3391	104.7302403	104.746390	0.013758	104.759372	
2010	80	1900	80.791666667		03/21/2010 19:00	-1.1619	0.0142	13.22	48.3510	104.7266236	104.742773	0.010201	104.755815	
2010	80	2000	80.833333333		03/21/2010 20:00	-0.85411	0.0185	13.13	48.3407	104.7297613	104.745911	0.013287	104.758901	
2010	80	2100	80.875000000		03/21/2010 21:00	-0.86595	0.0184	13.05	48.3411	104.7296406	104.745790	0.013168	104.758782	
2010	80	2200	80.916666667		03/21/2010 22:00	-0.88965	0.0180	12.97	48.3419	104.729399	104.745549	0.012931	104.758545	
2010	80	2300	80.958333333		03/21/2010 23:00	-0.86577	0.0184	12.91	48.3411	104.7296424	104.745792	0.013170	104.758784	
2010	80	2400	81.000000000		03/22/2010 0:00	-0.73544	0.0202	12.85	48.3367	104.730971	104.747121	0.014477	104.760091	
2010	81	100	81.041666667		03/22/2010 1:00	-0.91296	0.0177	12.79	48.3426	104.7291613	104.745311	0.012697	104.758311	
2010	81	200	81.083333333		03/22/2010 2:00	-0.92465	0.0175	12.74	48.3430	104.7290422	104.745192	0.012580	104.758194	
2010	81	300	81.125000000		03/22/2010 3:00	-0.83	0.0189	12.69	48.3399	104.7300071	104.746157	0.013529	104.759143	
2010	81	400	81.166666667		03/22/2010 4:00	-0.81806	0.0190	12.65	48.3395	104.7301288	104.746279	0.013648	104.759262	
2010	81	500	81.208333333		03/22/2010 5:00	-0.84159	0.0187	12.6	48.3403	104.7298889	104.746039	0.013412	104.759026	
2010	81	600	81.250000000		03/22/2010 6:00	-0.64035	0.0215	12.57	48.3335	104.7319404	104.748090	0.015430	104.761044	
2010	81	700	81.291666667		03/22/2010 7:00	-0.66404	0.0212	13.81	48.3343	104.7316989	104.747849	0.015193	104.760807	
2010	81	800	81.333333333		03/22/2010 8:00	-1.8243	0.0050	13.72	48.3731	104.7198709	104.736021	0.003559	104.749173	
2010	81	900	81.375000000		03/22/2010 9:00	-1.1263	0.0147	13.65	48.3498	104.7269865	104.743136	0.010558	104.756172	
2010	81	1000	81.416666667		03/22/2010 10:00	-0.75972	0.0198	13.59	48.3375	104.7307235	104.746873	0.014233	104.759847	
2010	81	1100	81.458333333		03/22/2010 11:00	-0.80712	0.0192	13.54	48.3391	104.7302403	104.746390	0.013758	104.759372	
2010	81	1200	81.500000000		03/22/2010 12:00	-1.0675	0.0155	13.52	48.3478	104.7275859	104.743736	0.011147	104.756761	
2010	81	1300	81.541666667		03/22/2010 13:00	-2.4986	-0.0045	13.5	48.3957	104.712997	104.729147	-0.003201	104.742413	
2010	81	1400	81.583333333		03/22/2010 14:00	-0.06241	0.0296	13.48	48.3142	104.737832	104.753982	0.021225	104.766839	
2010	81	1500	81.625000000		03/22/2010 15:00	-0.8666	0.0183	13.46	48.3411	104.729634	104.745784	0.013162	104.758776	
2010	81	1600	81.666666667		03/22/2010 16:00	-1.2924	0.0124	13.48	48.3553	104.7252933	104.741443	0.008892	104.754506	
2010	81	1700	81.708333333		03/22/2010 17:00	-1.0084	0.0164	13.5	48.3458	104.7281884	104.744338	0.011740	104.757354	
2010	81	1800	81.750000000		03/22/2010 18:00	-0.60603	0.0220	13.43	48.3324	104.7322903	104.748440	0.015774	104.761388	
2010	81	1900	81.791666667		03/22/2010 19:00	-0.8068	0.0192	13.26	48.3391	104.7302436	104.746393	0.013761	104.759375	
2010	81	2000	81.833333333		03/22/2010 20:00	-1.2917	0.0124	13.16	48.3553	104.7253004	104.741450	0.008899	104.754513	
2010	81	2100	81.875000000		03/22/2010 21:00	-0.84192	0.0187	13.09	48.3403	104.7298855	104.746035	0.013409	104.759023	
2010	81	2200	81.916666667		03/22/2010 22:00	-0.61713	0.0218	13.01	48.3328	104.7321771	104.748327	0.015663	104.761277	
2010	81	2300	81.958333333		03/22/2010 23:00	-0.67598	0.0210	12.95	48.3347	104.7315772	104.747727	0.015073	104.760687	
2010	81	2400	82.000000000		03/23/2010 0:00	-0.75875	0.0199	12.88	48.3375	104.7307334	104.746883	0.014243	104.759857	
2010	82	100	82.041666667		03/23/2010 1:00	-0.93635	0.0174	12.82	48.3434	104.7289229	104.745073	0.012462	104.758076	
2010	82	200	82.083333333		03/23/2010 2:00	-0.85349	0.0185	12.77	48.3407	104.7297676	104.745917	0.013293	104.758907	
2010	82	300	82.125000000		03/23/2010 3:00	-0.82983	0.0189	12.71	48.3399	104.7300088	104.746159	0.013530	104.759144	
2010	82	400	82.166666667		03/23/2010 4:00	-0.65226	0.0213	12.67	48.3339	104.731819	104.747969	0.015311	104.760925	
2010	82	500	82.208333333		03/23/2010 5:00	-0.65217	0.0213	12.62	48.3339	104.7318199	104.747970	0.015312	104.760926	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	600	82.250000000		03/23/2010 6:00	-0.91253	0.0177	12.61	48.3426	104.7291657	104.745316	0.012701	104.758315	
2010	82	700	82.291666667		03/23/2010 7:00	-1.0902	0.0152	13.83	48.3486	104.7273545	104.743504	0.010920	104.756534	
2010	82	800	82.333333333		03/23/2010 8:00	-1.0905	0.0152	13.77	48.3486	104.7273515	104.743501	0.010917	104.756531	
2010	82	900	82.375000000		03/23/2010 9:00	-1.0551	0.0157	13.69	48.3474	104.7277123	104.743862	0.011272	104.756886	
2010	82	1000	82.416666667		03/23/2010 10:00	-1.3866	0.0111	13.61	48.3585	104.724333	104.740483	0.007948	104.753562	
2010	82	1100	82.458333333		03/23/2010 11:00	-1.3866	0.0111	13.56	48.3585	104.724333	104.740483	0.007948	104.753562	
2010	82	1200	82.500000000		03/23/2010 12:00	-0.8846	0.0181	13.52	48.3417	104.7294505	104.745600	0.012981	104.758595	
2010	82	1300	82.541666667		03/23/2010 13:00	-0.8346	0.0188	13.49	48.3400	104.7299602	104.746110	0.013482	104.759096	
2010	82	1400	82.583333333		03/23/2010 14:00	-2.3126	-0.0019	13.47	48.3895	104.7148931	104.731043	-0.001337	104.744277	
2010	82	1500	82.625000000		03/23/2010 15:00	-1.7326	0.0062	13.46	48.3701	104.7208058	104.736956	0.004479	104.750093	
2010	82	1600	82.666666667		03/23/2010 16:00	-1.5436	0.0089	13.46	48.3637	104.7227325	104.738882	0.006374	104.751988	
2010	82	1700	82.708333333		03/23/2010 17:00	-1.5066	0.0094	13.49	48.3625	104.7231097	104.739259	0.006745	104.752359	
2010	82	1800	82.750000000		03/23/2010 18:00	-1.5056	0.0094	13.41	48.3625	104.7231198	104.739270	0.006755	104.752369	
2010	82	1900	82.791666667		03/23/2010 19:00	-1.7146	0.0065	13.25	48.3695	104.7209893	104.737139	0.004659	104.750273	
2010	82	2000	82.833333333		03/23/2010 20:00	-1.7106	0.0066	13.16	48.3693	104.72103	104.737180	0.004699	104.750313	
2010	82	2100	82.875000000		03/23/2010 21:00	-1.9276	0.0035	13.06	48.3766	104.7188179	104.734968	0.002524	104.748138	
2010	82	2200	82.916666667		03/23/2010 22:00	-2.0496	0.0018	13	48.3807	104.7175742	104.733724	0.001300	104.746914	
2010	82	2300	82.958333333		03/23/2010 23:00	-1.8736	0.0043	12.94	48.3748	104.7193684	104.735518	0.003065	104.748679	
2010	82	2400	83.000000000		03/24/2010 0:00	-1.9926	0.0026	12.87	48.3788	104.7181553	104.734305	0.001872	104.747486	
2010	83	100	83.041666667		03/24/2010 1:00	-2.1846	-0.0001	12.82	48.3852	104.716198	104.732348	-0.000053	104.745561	
2010	83	200	83.083333333		03/24/2010 2:00	-2.1296	0.0007	12.76	48.3833	104.7167587	104.732908	0.000498	104.746112	
2010	83	300	83.125000000		03/24/2010 3:00	-2.1656	0.0002	12.7	48.3845	104.7163917	104.732541	0.000137	104.745751	
2010	83	400	83.166666667		03/24/2010 4:00	-2.1916	-0.0002	12.65	48.3854	104.7161266	104.732276	-0.000123	104.745491	
2010	83	500	83.208333333		03/24/2010 5:00	-2.0666	0.0016	12.61	48.3812	104.7174009	104.733551	0.001130	104.746744	
2010	83	600	83.250000000		03/24/2010 6:00	-2.1816	0.0000	12.58	48.3851	104.7162286	104.732378	-0.000023	104.745591	
2010	83	700	83.291666667		03/24/2010 7:00	-2.1776	0.0000	13.93	48.3849	104.7162693	104.732419	0.000017	104.745631	
2010	83	800	83.333333333		03/24/2010 8:00	-2.4866	-0.0043	13.85	48.3953	104.7131193	104.729269	-0.003081	104.742533	
2010	83	900	83.375000000		03/24/2010 9:00	-3.1186	-0.0131	13.77	48.4164	104.7066766	104.722826	-0.009418	104.736196	
2010	83	1000	83.416666667		03/24/2010 10:00	-2.2096	-0.0004	13.69	48.3860	104.7159431	104.732093	-0.000304	104.745310	
2010	83	1100	83.458333333		03/24/2010 11:00	-3.1256	-0.0132	13.61	48.4166	104.7066052	104.722755	-0.009488	104.736126	
2010	83	1200	83.500000000		03/24/2010 12:00	-1.9536	0.0032	13.56	48.3775	104.7185528	104.734703	0.002263	104.747877	
2010	83	1300	83.541666667		03/24/2010 13:00	-2.5646	-0.0054	13.52	48.3979	104.7123242	104.728474	-0.003863	104.741751	
2010	83	1400	83.583333333		03/24/2010 14:00	-2.4776	-0.0042	13.47	48.3950	104.7132111	104.729361	-0.002991	104.742623	
2010	83	1500	83.625000000		03/24/2010 15:00	-1.5876	0.0083	13.44	48.3652	104.7222839	104.738434	0.005933	104.751547	
2010	83	1600	83.666666667		03/24/2010 16:00	-2.4506	-0.0038	13.43	48.3941	104.7134863	104.729636	-0.002720	104.742894	
2010	83	1700	83.708333333		03/24/2010 17:00	-1.6116	0.0079	13.43	48.3660	104.7220393	104.738189	0.005692	104.751306	
2010	83	1800	83.750000000		03/24/2010 18:00	-1.4846	0.0097	13.37	48.3618	104.7233339	104.739484	0.006965	104.752579	
2010	83	1900	83.791666667		03/24/2010 19:00	-1.7306	0.0063	13.21	48.3700	104.7208261	104.736976	0.004499	104.750113	
2010	83	2000	83.833333333		03/24/2010 20:00	-1.4906	0.0096	13.11	48.3620	104.7232728	104.739423	0.006905	104.752519	
2010	83	2100	83.875000000		03/24/2010 21:00	-1.3706	0.0113	13.03	48.3580	104.7244961	104.740646	0.008108	104.753722	
2010	83	2200	83.916666667		03/24/2010 22:00	-1.1946	0.0138	12.96	48.3521	104.7262902	104.742440	0.009873	104.755487	
2010	83	2300	83.958333333		03/24/2010 23:00	-1.2486	0.0130	12.9	48.3539	104.7257398	104.741890	0.009332	104.754946	
2010	83	2400	84.000000000		03/25/2010 0:00	-1.1896	0.0138	12.84	48.3519	104.7263412	104.742491	0.009923	104.755537	
2010	84	100	84.041666667		03/25/2010 1:00	-1.0946	0.0152	12.78	48.3487	104.7273097	104.743459	0.010876	104.756490	
2010	84	200	84.083333333		03/25/2010 2:00	-1.0596	0.0156	12.73	48.3476	104.7276665	104.743816	0.011227	104.756841	
2010	84	300	84.125000000		03/25/2010 3:00	-0.8106	0.0191	12.67	48.3392	104.7302048	104.746355	0.013723	104.759337	
2010	84	400	84.166666667		03/25/2010 4:00	-0.5736	0.0224	12.63	48.3313	104.7326209	104.748771	0.016099	104.761713	
2010	84	500	84.208333333		03/25/2010 5:00	-0.5996	0.0221	12.59	48.3322	104.7323558	104.748506	0.015839	104.761453	
2010	84	600	84.250000000		03/25/2010 6:00	-0.4726	0.0239	12.57	48.3279	104.7336505	104.749800	0.017112	104.762726	
2010	84	700	84.291666667		03/25/2010 7:00	-0.4556	0.0241	13.73	48.3273	104.7338238	104.749974	0.017282	104.762896	
2010	84	800	84.333333333		03/25/2010 8:00	-0.5506	0.0228	13.69	48.3305	104.7328553	104.749005	0.016330	104.761944	
2010	84	900	84.375000000		03/25/2010 9:00	-0.1166	0.0288	13.62	48.3160	104.7372796	104.753429	0.020681	104.766295	
2010	84	1000	84.416666667		03/25/2010 10:00	-0.2506	0.0270	13.57	48.3205	104.7359136	104.752063	0.019338	104.764952	
2010	84	1100	84.458333333		03/25/2010 11:00	0.3634	0.0355	13.54	48.3000	104.7421728	104.758323	0.025494	104.771108	
2010	84	1200	84.500000000		03/25/2010 12:00	-0.1046	0.0290	13.51	48.3156	104.7374019	104.753552	0.020802	104.766416	
2010	84	1300	84.541666667		03/25/2010 13:00	1.1864	0.0470	13.48	48.2724	104.7505627	104.766713	0.033746	104.779360	
2010	84	1400	84.583333333		03/25/2010 14:00	0.6434	0.0394	13.46	48.2906	104.7450272	104.761177	0.028301	104.773916	
2010	84	1500	84.625000000		03/25/2010 15:00	0.5244	0.0378	13.48	48.2946	104.7438141	104.759964	0.027108	104.772722	
2010	84	1600	84.666666667		03/25/2010 16:00	0.7964	0.0416	13.48	48.2855	104.7465869	104.762737	0.029836	104.775450	
2010	84	1700	84.708333333		03/25/2010 17:00	0.8864	0.0428	13.5	48.2825	104.7475044	104.763654	0.030738	104.776352	
2010	84	1800	84.750000000		03/25/2010 18:00	0.9194	0.0433	13.33	48.2814	104.7478408	104.763991	0.031069	104.776683	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1900	84.791666667		03/25/2010 19:00	1.0074	0.0445	13.21	48.2784	104.7487379	104.764888	0.031951	104.777565	
2010	84	2000	84.833333333		03/25/2010 20:00	1.2444	0.0478	13.11	48.2705	104.7511539	104.767304	0.034327	104.779941	
2010	84	2100	84.875000000		03/25/2010 21:00	1.3744	0.0497	13.04	48.2661	104.7524792	104.768629	0.035631	104.781245	
2010	84	2200	84.916666667		03/25/2010 22:00	1.5044	0.0515	12.97	48.2618	104.7538044	104.769954	0.036934	104.782548	
2010	84	2300	84.958333333		03/25/2010 23:00	1.6924	0.0541	12.9	48.2555	104.755721	104.771871	0.038819	104.784433	
2010	84	2400	85.000000000		03/26/2010 0:00	1.5844	0.0526	12.84	48.2591	104.75462	104.770770	0.037736	104.783350	
2010	85	100	85.041666667		03/26/2010 1:00	1.6794	0.0539	12.78	48.2559	104.7555884	104.771738	0.038689	104.784303	
2010	85	200	85.083333333		03/26/2010 2:00	1.6324	0.0533	12.73	48.2575	104.7551093	104.771259	0.038218	104.783832	
2010	85	300	85.125000000		03/26/2010 3:00	1.8004	0.0556	12.69	48.2519	104.7568219	104.772972	0.039902	104.785516	
2010	85	400	85.166666667		03/26/2010 4:00	1.9204	0.0573	12.65	48.2479	104.7580452	104.774195	0.041105	104.786719	
2010	85	500	85.208333333		03/26/2010 5:00	2.0424	0.0590	12.6	48.2438	104.7592889	104.775439	0.042328	104.787942	
2010	85	600	85.250000000		03/26/2010 6:00	2.1004	0.0598	12.59	48.2419	104.7598802	104.776030	0.042910	104.788524	
2010	85	700	85.291666667		03/26/2010 7:00	1.8984	0.0570	13.74	48.2486	104.757821	104.773971	0.040885	104.786499	
2010	85	800	85.333333333		03/26/2010 8:00	2.1024	0.0598	13.68	48.2418	104.7599006	104.776050	0.042930	104.788544	
2010	85	900	85.375000000		03/26/2010 9:00	2.3084	0.0627	13.63	48.2349	104.7620006	104.778150	0.044995	104.790609	
2010	85	1000	85.416666667		03/26/2010 10:00	2.2364	0.0617	13.59	48.2373	104.7612666	104.777416	0.044274	104.789888	
2010	85	1100	85.458333333		03/26/2010 11:00	2.1974	0.0612	13.55	48.2386	104.760869	104.777019	0.043883	104.789497	
2010	85	1200	85.500000000		03/26/2010 12:00	2.7154	0.0684	13.53	48.2213	104.7661496	104.782299	0.049076	104.794690	
2010	85	1300	85.541666667		03/26/2010 13:00	2.4854	0.0652	13.52	48.2290	104.763805	104.779955	0.046770	104.792384	
2010	85	1400	85.583333333		03/26/2010 14:00	3.1164	0.0740	13.49	48.2079	104.7702375	104.786387	0.053097	104.798711	
2010	85	1500	85.625000000		03/26/2010 15:00	2.2804	0.0623	13.49	48.2358	104.7617152	104.777865	0.044715	104.790329	
2010	85	1600	85.666666667		03/26/2010 16:00	3.4464	0.0786	13.48	48.1968	104.7736016	104.789751	0.056405	104.802019	
2010	85	1700	85.708333333		03/26/2010 17:00	3.1574	0.0746	13.49	48.2065	104.7706555	104.786805	0.053508	104.799122	
2010	85	1800	85.750000000		03/26/2010 18:00	3.4364	0.0785	13.44	48.1972	104.7734997	104.789650	0.056305	104.801919	
2010	85	1900	85.791666667		03/26/2010 19:00	3.0064	0.0725	13.27	48.2116	104.7691162	104.785266	0.051994	104.797608	
2010	85	2000	85.833333333		03/26/2010 20:00	3.4674	0.0789	13.16	48.1961	104.7738157	104.789966	0.056616	104.802230	
2010	85	2100	85.875000000		03/26/2010 21:00	3.7694	0.0831	13.08	48.1860	104.7768944	104.793044	0.059644	104.805258	
2010	85	2200	85.916666667		03/26/2010 22:00	3.7814	0.0833	13.01	48.1856	104.7770167	104.793167	0.059764	104.805378	
2010	85	2300	85.958333333		03/26/2010 23:00	3.9544	0.0857	12.95	48.1799	104.7787803	104.794930	0.061499	104.807113	
2010	85	2400	86.000000000		03/27/2010 0:00	4.0354	0.0869	12.88	48.1771	104.779606	104.795756	0.062311	104.807925	
2010	86	100	86.041666667		03/27/2010 1:00	4.1294	0.0882	12.82	48.1740	104.7805643	104.796714	0.063254	104.808868	
2010	86	200	86.083333333		03/27/2010 2:00	4.2474	0.0898	12.76	48.1701	104.7817672	104.797917	0.064437	104.810051	
2010	86	300	86.125000000		03/27/2010 3:00	4.4124	0.0921	12.71	48.1645	104.7834492	104.799599	0.066091	104.811705	
2010	86	400	86.166666667		03/27/2010 4:00	4.5534	0.0941	12.67	48.1598	104.7848866	104.801036	0.067505	104.813119	
2010	86	500	86.208333333		03/27/2010 5:00	4.7304	0.0966	12.62	48.1539	104.786691	104.802841	0.069279	104.814893	
2010	86	600	86.250000000		03/27/2010 6:00	4.6334	0.0952	12.69	48.1571	104.7857022	104.801852	0.068307	104.813921	
2010	86	700	86.291666667		03/27/2010 7:00	4.4604	0.0928	13.83	48.1629	104.7839386	104.800088	0.066572	104.812186	
2010	86	800	86.333333333		03/27/2010 8:00	4.1024	0.0878	13.74	48.1749	104.780289	104.796439	0.062983	104.808597	
2010	86	900	86.375000000		03/27/2010 9:00	4.0734	0.0874	13.66	48.1759	104.7799934	104.796143	0.062692	104.808306	
2010	86	1000	86.416666667		03/27/2010 10:00	4.0344	0.0868	13.59	48.1772	104.7795958	104.795746	0.062301	104.807915	
2010	86	1100	86.458333333		03/27/2010 11:00	4.9104	0.0991	13.52	48.1479	104.788526	104.804676	0.071084	104.816698	
2010	86	1200	86.500000000		03/27/2010 12:00	4.4864	0.0932	13.49	48.1621	104.7842036	104.800353	0.066833	104.812447	
2010	86	1300	86.541666667		03/27/2010 13:00	4.8154	0.0978	13.47	48.1511	104.7875575	104.803707	0.070132	104.815746	
2010	86	1400	86.583333333		03/27/2010 14:00	5.6644	0.1096	13.46	48.1227	104.7962124	104.812362	0.078644	104.824258	
2010	86	1500	86.625000000		03/27/2010 15:00	5.7304	0.1105	13.45	48.1205	104.7968852	104.813035	0.079306	104.824920	
2010	86	1600	86.666666667		03/27/2010 16:00	5.9174	0.1132	13.46	48.1142	104.7987915	104.814941	0.081181	104.826795	
2010	86	1700	86.708333333		03/27/2010 17:00	5.8714	0.1125	13.46	48.1157	104.7983226	104.814472	0.080719	104.826333	
2010	86	1800	86.750000000		03/27/2010 18:00	6.3964	0.1198	13.39	48.0982	104.8036746	104.819824	0.085983	104.831597	
2010	86	1900	86.791666667		03/27/2010 19:00	6.4264	0.1203	13.22	48.0972	104.8039804	104.820130	0.086284	104.831898	
2010	86	2000	86.833333333		03/27/2010 20:00	6.3314	0.1189	13.12	48.1004	104.8030119	104.819162	0.085332	104.830946	
2010	86	2100	86.875000000		03/27/2010 21:00	6.5314	0.1217	13.05	48.0937	104.8050508	104.821201	0.087337	104.832951	
2010	86	2200	86.916666667		03/27/2010 22:00	6.7194	0.1244	12.98	48.0874	104.8069673	104.823117	0.089222	104.834836	
2010	86	2300	86.958333333		03/27/2010 23:00	6.8944	0.1268	12.92	48.0815	104.8087513	104.824901	0.090976	104.836590	
2010	86	2400	87.000000000		03/28/2010 0:00	6.9884	0.1281	12.85	48.0784	104.8097095	104.825859	0.091919	104.837533	
2010	87	100	87.041666667		03/28/2010 1:00	7.0154	0.1285	12.79	48.0775	104.8099848	104.826135	0.092190	104.837804	
2010	87	200	87.083333333		03/28/2010 2:00	7.1654	0.1306	12.74	48.0725	104.8115139	104.827664	0.093694	104.839308	
2010	87	300	87.125000000		03/28/2010 3:00	7.2324	0.1315	12.68	48.0702	104.8121969	104.828347	0.094365	104.839979	
2010	87	400	87.166666667		03/28/2010 4:00	7.1964	0.1310	12.64	48.0714	104.8118299	104.827980	0.094004	104.839618	
2010	87	500	87.208333333		03/28/2010 5:00	7.3174	0.1327	12.6	48.0674	104.8130634	104.829213	0.095218	104.840832	
2010	87	600	87.250000000		03/28/2010 6:00	7.3564	0.1333	12.57	48.0661	104.813461	104.829611	0.095609	104.841223	
2010	87	700	87.291666667		03/28/2010 7:00	7.4134	0.1341	12.8	48.0642	104.8140421	104.830192	0.096180	104.841794	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	87	800	87.333333333		03/28/2010 8:00	7.3924	0.1338	13.71	48.0649	104.813828	104.829978	0.095970	104.841584	
2010	87	900	87.375000000		03/28/2010 9:00	7.5034	0.1353	13.65	48.0612	104.8149596	104.831109	0.097083	104.842697	
2010	87	1000	87.416666667		03/28/2010 10:00	7.4464	0.1345	13.57	48.0631	104.8143785	104.830528	0.096511	104.842125	
2010	87	1100	87.458333333		03/28/2010 11:00	7.3814	0.1336	13.53	48.0652	104.8137159	104.829866	0.095859	104.841473	
2010	87	1200	87.500000000		03/28/2010 12:00	7.9854	0.1421	13.5	48.0450	104.8198732	104.836023	0.101915	104.847529	
2010	87	1300	87.541666667		03/28/2010 13:00	7.0464	0.1289	13.48	48.0764	104.8103008	104.826451	0.092500	104.838114	
2010	87	1400	87.583333333		03/28/2010 14:00	7.7734	0.1391	13.48	48.0521	104.817712	104.833862	0.099790	104.845404	
2010	87	1500	87.625000000		03/28/2010 15:00	8.1864	0.1449	13.5	48.0383	104.8219222	104.838072	0.103931	104.849545	
2010	87	1600	87.666666667		03/28/2010 16:00	7.8404	0.1400	13.53	48.0499	104.818395	104.834545	0.100461	104.846075	
2010	87	1700	87.708333333		03/28/2010 17:00	8.0004	0.1423	13.45	48.0445	104.8200261	104.836176	0.102066	104.847680	
2010	87	1800	87.750000000		03/28/2010 18:00	8.0734	0.1433	13.28	48.0421	104.8207703	104.836920	0.102798	104.848412	
2010	87	1900	87.791666667		03/28/2010 19:00	7.9764	0.1419	13.19	48.0453	104.8197814	104.835931	0.101825	104.847439	
2010	87	2000	87.833333333		03/28/2010 20:00	7.8694	0.1404	13.1	48.0489	104.8186907	104.834840	0.100752	104.846366	
2010	87	2100	87.875000000		03/28/2010 21:00	7.9874	0.1421	13.03	48.0450	104.8198936	104.836043	0.101935	104.847549	
2010	87	2200	87.916666667		03/28/2010 22:00	8.0234	0.1426	12.97	48.0438	104.8202606	104.836410	0.102296	104.847910	
2010	87	2300	87.958333333		03/28/2010 23:00	8.0454	0.1429	12.9	48.0430	104.8204848	104.836635	0.102517	104.848131	
2010	87	2400	88.000000000		03/29/2010 0:00	8.0694	0.1432	12.84	48.0422	104.8207295	104.836879	0.102757	104.848371	
2010	88	100	88.041666667		03/29/2010 1:00	8.0224	0.1426	12.79	48.0438	104.8202504	104.836400	0.102286	104.847900	
2010	88	200	88.083333333		03/29/2010 2:00	7.9634	0.1417	12.74	48.0458	104.8196489	104.835799	0.101695	104.847309	
2010	88	300	88.125000000		03/29/2010 3:00	8.0924	0.1435	12.69	48.0415	104.820964	104.837114	0.102988	104.848602	
2010	88	400	88.166666667		03/29/2010 4:00	8.1364	0.1442	12.65	48.0400	104.8214125	104.837562	0.103429	104.849043	
2010	88	500	88.208333333		03/29/2010 5:00	8.0924	0.1435	12.62	48.0415	104.820964	104.837114	0.102988	104.848602	
2010	88	600	88.250000000		03/29/2010 6:00	7.9744	0.1419	12.59	48.0454	104.819761	104.835911	0.101805	104.847419	
2010	88	700	88.291666667		03/29/2010 7:00	7.9744	0.1419	13.05	48.0454	104.819761	104.835911	0.101805	104.847419	
2010	88	800	88.333333333		03/29/2010 8:00	7.6914	0.1379	13.67	48.0549	104.8168761	104.833026	0.098968	104.844582	
2010	88	900	88.375000000		03/29/2010 9:00	8.1044	0.1437	13.55	48.0411	104.8210863	104.837236	0.103108	104.848722	
2010	88	1000	88.416666667		03/29/2010 10:00	8.7664	0.1530	13.53	48.0189	104.8278349	104.843985	0.109746	104.855360	
2010	88	1100	88.458333333		03/29/2010 11:00	8.2174	0.1453	13.55	48.0373	104.8222382	104.838388	0.104241	104.849855	
2010	88	1200	88.500000000		03/29/2010 12:00	8.3834	0.1476	13.55	48.0317	104.8239305	104.840080	0.105906	104.851520	
2010	88	1300	88.541666667		03/29/2010 13:00	8.1004	0.1437	13.55	48.0412	104.8210455	104.837195	0.103068	104.848682	
2010	88	1400	88.583333333		03/29/2010 14:00	8.0754	0.1433	13.56	48.0420	104.8207907	104.836940	0.102818	104.848432	
2010	88	1500	88.625000000		03/29/2010 15:00	8.1474	0.1443	13.56	48.0396	104.8215246	104.837674	0.103540	104.849154	
2010	88	1600	88.666666667		03/29/2010 16:00	8.2294	0.1455	13.56	48.0369	104.8223606	104.838510	0.104362	104.849976	
2010	88	1700	88.708333333		03/29/2010 17:00	8.1224	0.1440	13.57	48.0405	104.8212698	104.837420	0.103289	104.848903	
2010	88	1800	88.750000000		03/29/2010 18:00	8.2254	0.1454	13.47	48.0370	104.8223198	104.838470	0.104322	104.849936	
2010	88	1900	88.791666667		03/29/2010 19:00	8.0224	0.1426	13.31	48.0438	104.8202504	104.836400	0.102286	104.847900	
2010	88	2000	88.833333333		03/29/2010 20:00	8.0534	0.1430	13.21	48.0428	104.8205664	104.836716	0.102597	104.848211	
2010	88	2100	88.875000000		03/29/2010 21:00	7.9244	0.1412	13.13	48.0471	104.8192513	104.835401	0.101304	104.846918	
2010	88	2200	88.916666667		03/29/2010 22:00	7.8294	0.1399	13.06	48.0503	104.8182829	104.834433	0.100351	104.845965	
2010	88	2300	88.958333333		03/29/2010 23:00	7.6394	0.1372	12.99	48.0566	104.816346	104.832496	0.098446	104.844060	
2010	88	2400	89.000000000		03/30/2010 0:00	7.6264	0.1370	12.93	48.0570	104.8162135	104.832363	0.098316	104.843930	
2010	89	100	89.041666667		03/30/2010 1:00	7.7924	0.1394	12.87	48.0515	104.8179057	104.834056	0.099980	104.845594	
2010	89	200	89.083333333		03/30/2010 2:00	7.5094	0.1354	12.82	48.0610	104.8150207	104.831171	0.097143	104.842757	
2010	89	300	89.125000000		03/30/2010 3:00	7.4744	0.1349	12.75	48.0621	104.8146639	104.830814	0.096792	104.842406	
2010	89	400	89.166666667		03/30/2010 4:00	6.9804	0.1280	12.7	48.0786	104.809628	104.825778	0.091839	104.837453	
2010	89	500	89.208333333		03/30/2010 5:00	7.4364	0.1344	12.66	48.0634	104.8142766	104.830426	0.096411	104.842025	
2010	89	600	89.250000000		03/30/2010 6:00	7.1244	0.1300	12.72	48.0738	104.811096	104.827246	0.093283	104.838897	
2010	89	700	89.291666667		03/30/2010 7:00	7.3974	0.1338	13.79	48.0647	104.813879	104.830029	0.096020	104.841634	
2010	89	800	89.333333333		03/30/2010 8:00	6.5634	0.1222	13.75	48.0926	104.805377	104.821527	0.087658	104.833272	
2010	89	900	89.375000000		03/30/2010 9:00	6.3764	0.1196	13.7	48.0988	104.8034707	104.819621	0.085783	104.831397	
2010	89	1000	89.416666667		03/30/2010 10:00	6.8644	0.1264	13.65	48.0825	104.8084455	104.824595	0.090676	104.836290	
2010	89	1100	89.458333333		03/30/2010 11:00	6.9794	0.1280	13.6	48.0787	104.8096178	104.825768	0.091829	104.837443	
2010	89	1200	89.500000000		03/30/2010 12:00	6.3244	0.1188	13.59	48.1006	104.8029406	104.819090	0.085261	104.830875	
2010	89	1300	89.541666667		03/30/2010 13:00	5.6394	0.1093	13.57	48.1235	104.7959575	104.812107	0.078393	104.824007	
2010	89	1400	89.583333333		03/30/2010 14:00	6.0184	0.1146	13.56	48.1108	104.7998212	104.815971	0.082193	104.827807	
2010	89	1500	89.625000000		03/30/2010 15:00	6.4204	0.1202	13.52	48.0974	104.8039192	104.820069	0.086224	104.831838	
2010	89	1600	89.666666667		03/30/2010 16:00	5.8424	0.1121	13.54	48.1167	104.798027	104.814177	0.080429	104.826043	
2010	89	1700	89.708333333		03/30/2010 17:00	5.8044	0.1116	13.56	48.1180	104.7976396	104.813789	0.080048	104.825662	
2010	89	1800	89.750000000		03/30/2010 18:00	5.9154	0.1131	13.5	48.1143	104.7987711	104.814921	0.081161	104.826775	
2010	89	1900	89.791666667		03/30/2010 19:00	5.6134	0.1089	13.32	48.1244	104.7956925	104.811842	0.078133	104.823747	
2010	89	2000	89.833333333		03/30/2010 20:00	5.5334	0.1078	13.22	48.1270	104.794877	104.811027	0.077331	104.822945	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	2100	89.875000000		03/30/2010 21:00	5.4844	0.1071	13.14	48.1287	104.7943774	104.810527	0.076839	104.822453	
2010	89	2200	89.916666667		03/30/2010 22:00	5.2704	0.1041	13.07	48.1358	104.7921959	104.808346	0.074694	104.820308	
2010	89	2300	89.958333333		03/30/2010 23:00	5.4474	0.1066	13	48.1299	104.7940003	104.810150	0.076468	104.822082	
2010	89	2400	90.000000000		03/31/2010 0:00	4.8994	0.0989	12.93	48.1482	104.7884138	104.804564	0.070974	104.816588	
2010	90	100	90.041666667		03/31/2010 1:00	5.2284	0.1035	12.87	48.1372	104.7917677	104.807918	0.074273	104.819887	
2010	90	200	90.083333333		03/31/2010 2:00	5.3004	0.1045	12.81	48.1348	104.7925017	104.808652	0.074994	104.820608	
2010	90	300	90.125000000		03/31/2010 3:00	5.1864	0.1029	12.76	48.1386	104.7913396	104.807489	0.073851	104.819465	
2010	90	400	90.166666667		03/31/2010 4:00	5.0004	0.1003	12.71	48.1449	104.7894434	104.805593	0.071986	104.817600	
2010	90	500	90.208333333		03/31/2010 5:00	5.0374	0.1009	12.66	48.1436	104.7898206	104.805970	0.072357	104.817971	
2010	90	600	90.250000000		03/31/2010 6:00	4.4414	0.0925	12.81	48.1636	104.7837449	104.799895	0.066382	104.811996	
2010	90	700	90.291666667		03/31/2010 7:00	4.4724	0.0930	13.82	48.1625	104.7840609	104.800211	0.066693	104.812307	
2010	90	800	90.333333333		03/31/2010 8:00	4.7284	0.0965	13.75	48.1540	104.7866706	104.802820	0.069259	104.814873	
2010	90	900	90.375000000		03/31/2010 9:00	4.8454	0.0982	13.68	48.1501	104.7878633	104.804013	0.070432	104.816046	
2010	90	1000	90.416666667		03/31/2010 10:00	4.9484	0.0996	13.62	48.1466	104.7889133	104.805063	0.071465	104.817079	
2010	90	1100	90.458333333		03/31/2010 11:00	4.1424	0.0883	13.61	48.1736	104.7806968	104.796847	0.063384	104.808998	
2010	90	1200	90.500000000		03/31/2010 12:00	4.3434	0.0912	13.59	48.1668	104.7827458	104.798896	0.065399	104.811013	
2010	90	1300	90.541666667		03/31/2010 13:00	4.2904	0.0904	13.57	48.1686	104.7822055	104.798355	0.064868	104.810482	
2010	90	1400	90.583333333		03/31/2010 14:00	5.1434	0.1023	13.55	48.1401	104.7909012	104.807051	0.073420	104.819034	
2010	90	1500	90.625000000		03/31/2010 15:00	4.8724	0.0985	13.52	48.1492	104.7881386	104.804288	0.070703	104.816317	
2010	90	1600	90.666666667		03/31/2010 16:00	4.3624	0.0914	13.54	48.1662	104.7829395	104.799089	0.065590	104.811204	
2010	90	1700	90.708333333		03/31/2010 17:00	4.4704	0.0929	13.54	48.1626	104.7840405	104.800190	0.066673	104.812287	
2010	90	1800	90.750000000		03/31/2010 18:00	4.4804	0.0931	13.46	48.1623	104.7841424	104.800292	0.066773	104.812387	
2010	90	1900	90.791666667		03/31/2010 19:00	4.3424	0.0911	13.31	48.1669	104.7827356	104.798885	0.065389	104.811003	
2010	90	2000	90.833333333		03/31/2010 20:00	4.2904	0.0904	13.21	48.1686	104.7822055	104.798355	0.064868	104.810482	
2010	90	2100	90.875000000		03/31/2010 21:00	4.2304	0.0896	13.12	48.1706	104.7815939	104.797744	0.064266	104.809880	
2010	90	2200	90.916666667		03/31/2010 22:00	4.3304	0.0910	13.05	48.1673	104.7826133	104.798763	0.065269	104.810883	
2010	90	2300	90.958333333		03/31/2010 23:00	4.2264	0.0895	12.99	48.1708	104.7815531	104.797703	0.064226	104.809840	
2010	90	2400	91.000000000		04/01/2010 0:00	4.2084	0.0893	12.92	48.1714	104.7813696	104.797519	0.064046	104.809660	
2010	91	100	91.041666667		04/01/2010 1:00	4.3394	0.0911	12.86	48.1670	104.7827051	104.798855	0.065359	104.810973	
2010	91	200	91.083333333		04/01/2010 2:00	4.1604	0.0886	12.8	48.1730	104.7808803	104.797030	0.063564	104.809178	
2010	91	300	91.125000000		04/01/2010 3:00	4.5224	0.0937	12.75	48.1609	104.7845706	104.800720	0.067194	104.812808	
2010	91	400	91.166666667		04/01/2010 4:00	4.0034	0.0864	12.69	48.1782	104.7792798	104.795430	0.061990	104.807604	
2010	91	500	91.208333333		04/01/2010 5:00	4.1814	0.0889	12.65	48.1723	104.7810944	104.797244	0.063775	104.809389	
2010	91	600	91.250000000		04/01/2010 6:00	3.7894	0.0834	12.72	48.1854	104.7770982	104.793248	0.059845	104.805459	
2010	91	700	91.291666667		04/01/2010 7:00	4.1594	0.0886	13.86	48.1730	104.7808701	104.797020	0.063554	104.809168	
2010	91	800	91.333333333		04/01/2010 8:00	4.4104	0.0921	13.8	48.1646	104.7834288	104.799579	0.066071	104.811685	
2010	91	900	91.375000000		04/01/2010 9:00	4.1264	0.0881	13.71	48.1741	104.7805337	104.796684	0.063223	104.808837	
2010	91	1000	91.416666667		04/01/2010 10:00	4.4634	0.0928	13.63	48.1628	104.7839691	104.800119	0.066602	104.812216	
2010	91	1100	91.458333333		04/01/2010 11:00	4.1504	0.0885	13.58	48.1733	104.7807783	104.796928	0.063464	104.809078	
2010	91	1200	91.500000000		04/01/2010 12:00	4.2444	0.0898	13.56	48.1702	104.7817366	104.797886	0.064407	104.810021	
2010	91	1300	91.541666667		04/01/2010 13:00	3.6284	0.0812	13.55	48.1908	104.775457	104.791607	0.058230	104.803844	
2010	91	1400	91.583333333		04/01/2010 14:00	3.5734	0.0804	13.52	48.1926	104.7748963	104.791046	0.057679	104.803293	
2010	91	1500	91.625000000		04/01/2010 15:00	5.6674	0.1097	13.5	48.1226	104.796243	104.812393	0.078674	104.824288	
2010	91	1600	91.666666667		04/01/2010 16:00	3.4194	0.0782	13.51	48.1977	104.7733264	104.789476	0.056135	104.801749	
2010	91	1700	91.708333333		04/01/2010 17:00	3.9524	0.0857	13.52	48.1799	104.7787599	104.794910	0.061479	104.807093	
2010	91	1800	91.750000000		04/01/2010 18:00	4.2434	0.0898	13.48	48.1702	104.7817264	104.797876	0.064397	104.810011	
2010	91	1900	91.791666667		04/01/2010 19:00	4.0724	0.0874	13.3	48.1759	104.7799832	104.796133	0.062682	104.808296	
2010	91	2000	91.833333333		04/01/2010 20:00	4.1224	0.0881	13.2	48.1742	104.7804929	104.796643	0.063183	104.808797	
2010	91	2100	91.875000000		04/01/2010 21:00	3.9104	0.0851	13.11	48.1813	104.7783317	104.794482	0.061058	104.806672	
2010	91	2200	91.916666667		04/01/2010 22:00	3.7504	0.0829	13.04	48.1867	104.7767007	104.792850	0.059454	104.805068	
2010	91	2300	91.958333333		04/01/2010 23:00	4.0724	0.0874	12.97	48.1759	104.7799832	104.796133	0.062682	104.808296	
2010	91	2400	92.000000000		04/02/2010 0:00	4.0114	0.0865	12.9	48.1779	104.7793614	104.795511	0.062070	104.807684	
2010	92	100	92.041666667		04/02/2010 1:00	3.9034	0.0850	12.83	48.1816	104.7782604	104.794410	0.060988	104.806602	
2010	92	200	92.083333333		04/02/2010 2:00	3.9034	0.0850	12.78	48.1816	104.7782604	104.794410	0.060988	104.806602	
2010	92	300	92.125000000		04/02/2010 3:00	3.6554	0.0815	12.74	48.1899	104.7757322	104.791882	0.058501	104.804115	
2010	92	400	92.166666667		04/02/2010 4:00	3.9284	0.0854	12.68	48.1807	104.7785152	104.794665	0.061238	104.806852	
2010	92	500	92.208333333		04/02/2010 5:00	3.8814	0.0847	12.65	48.1823	104.7780361	104.794186	0.060767	104.806381	
2010	92	600	92.250000000		04/02/2010 6:00	3.6934	0.0821	12.61	48.1886	104.7761196	104.792269	0.058882	104.804496	
2010	92	700	92.291666667		04/02/2010 7:00	3.5054	0.0794	12.69	48.1949	104.7742031	104.790353	0.056997	104.802611	
2010	92	800	92.333333333		04/02/2010 8:00	3.7684	0.0831	13.76	48.1861	104.7768842	104.793034	0.059634	104.805248	
2010	92	900	92.375000000		04/02/2010 9:00	3.7574	0.0830	13.76	48.1864	104.776772	104.792922	0.059524	104.805138	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	92	1000	92.416666667		04/02/2010 10:00	4.0294	0.0868	13.78	48.1773	104.7795448	104.795695	0.062251	104.807865	
2010	92	1100	92.458333333		04/02/2010 11:00	4.1914	0.0890	13.78	48.1719	104.7811963	104.797346	0.063875	104.809489	
2010	92	1200	92.500000000		04/02/2010 12:00	3.9574	0.0858	13.76	48.1798	104.7788109	104.794961	0.061529	104.807143	
2010	92	1300	92.541666667		04/02/2010 13:00	4.2204	0.0894	13.71	48.1710	104.7814919	104.797642	0.064166	104.809780	
2010	92	1400	92.583333333		04/02/2010 14:00	5.2194	0.1034	13.65	48.1375	104.791676	104.807826	0.074182	104.819796	
2010	92	1500	92.625000000		04/02/2010 15:00	4.4694	0.0929	13.59	48.1626	104.7840303	104.800180	0.066662	104.812276	
2010	92	1600	92.666666667		04/02/2010 16:00	3.9824	0.0861	13.57	48.1789	104.7790657	104.795216	0.061780	104.807394	
2010	92	1700	92.708333333		04/02/2010 17:00	4.3604	0.0914	13.59	48.1663	104.7829191	104.799069	0.065570	104.811184	
2010	92	1800	92.750000000		04/02/2010 18:00	4.7704	0.0971	13.58	48.1526	104.7870988	104.803249	0.069680	104.815294	
2010	92	1900	92.791666667		04/02/2010 19:00	4.7034	0.0962	13.37	48.1548	104.7864158	104.802566	0.069009	104.814623	
2010	92	2000	92.833333333		04/02/2010 20:00	4.5154	0.0936	13.25	48.1611	104.7844992	104.800649	0.067124	104.812738	
2010	92	2100	92.875000000		04/02/2010 21:00	5.0824	0.1015	13.17	48.1421	104.7902794	104.806429	0.072809	104.818423	
2010	92	2200	92.916666667		04/02/2010 22:00	5.0264	0.1007	13.1	48.1440	104.7897085	104.805858	0.072247	104.817861	
2010	92	2300	92.958333333		04/02/2010 23:00	5.2144	0.1033	13.02	48.1377	104.791625	104.807775	0.074132	104.819746	
2010	92	2400	93.000000000		04/03/2010 0:00	5.2194	0.1034	12.96	48.1375	104.791676	104.807826	0.074182	104.819796	
2010	93	100	93.041666667		04/03/2010 1:00	5.3384	0.1051	12.9	48.1336	104.7928891	104.809039	0.075375	104.820989	
2010	93	200	93.083333333		04/03/2010 2:00	5.4554	0.1067	12.84	48.1297	104.7940818	104.810232	0.076549	104.822163	
2010	93	300	93.125000000		04/03/2010 3:00	5.5384	0.1079	12.79	48.1269	104.7949279	104.811078	0.077381	104.822995	
2010	93	400	93.166666667		04/03/2010 4:00	5.6924	0.1100	12.74	48.1217	104.7964978	104.812648	0.078925	104.824539	
2010	93	500	93.208333333		04/03/2010 5:00	5.6694	0.1097	12.68	48.1225	104.7962634	104.812413	0.078694	104.824308	
2010	93	600	93.250000000		04/03/2010 6:00	5.9654	0.1138	12.91	48.1126	104.7992809	104.815431	0.081662	104.827276	
2010	93	700	93.291666667		04/03/2010 7:00	5.7754	0.1112	13.77	48.1190	104.797344	104.813494	0.079757	104.825371	
2010	93	800	93.333333333		04/03/2010 8:00	6.0884	0.1155	13.74	48.1085	104.8005347	104.816685	0.082895	104.828509	
2010	93	900	93.375000000		04/03/2010 9:00	6.2214	0.1174	13.72	48.1040	104.8018906	104.818040	0.084229	104.829843	
2010	93	1000	93.416666667		04/03/2010 10:00	6.5954	0.1226	13.67	48.0915	104.8057032	104.821853	0.087979	104.833593	
2010	93	1100	93.458333333		04/03/2010 11:00	5.8694	0.1125	13.67	48.1158	104.7983022	104.814452	0.080699	104.826313	
2010	93	1200	93.500000000		04/03/2010 12:00	6.1184	0.1160	13.65	48.1075	104.8008406	104.816990	0.083196	104.828810	
2010	93	1300	93.541666667		04/03/2010 13:00	6.4264	0.1203	13.65	48.0972	104.8039804	104.820130	0.086284	104.831898	
2010	93	1400	93.583333333		04/03/2010 14:00	6.6524	0.1234	13.63	48.0896	104.8062843	104.822434	0.088550	104.834164	
2010	93	1500	93.625000000		04/03/2010 15:00	6.9134	0.1271	13.61	48.0809	104.808945	104.825095	0.091167	104.836781	
2010	93	1600	93.666666667		04/03/2010 16:00	7.0204	0.1286	13.61	48.0773	104.8100358	104.826186	0.092240	104.837854	
2010	93	1700	93.708333333		04/03/2010 17:00	7.4454	0.1345	13.62	48.0631	104.8143683	104.830518	0.096501	104.842115	
2010	93	1800	93.750000000		04/03/2010 18:00	7.0884	0.1295	13.51	48.0750	104.810729	104.826879	0.092922	104.838536	
2010	93	1900	93.791666667		04/03/2010 19:00	7.1424	0.1303	13.35	48.0732	104.8112795	104.827429	0.093463	104.839077	
2010	93	2000	93.833333333		04/03/2010 20:00	7.2604	0.1319	13.25	48.0693	104.8124824	104.828632	0.094646	104.840260	
2010	93	2100	93.875000000		04/03/2010 21:00	7.3544	0.1332	13.17	48.0661	104.8134406	104.829590	0.095589	104.841203	
2010	93	2200	93.916666667		04/03/2010 22:00	7.4524	0.1346	13.1	48.0629	104.8144397	104.830589	0.096571	104.842185	
2010	93	2300	93.958333333		04/03/2010 23:00	7.6404	0.1372	13.02	48.0566	104.8163562	104.832506	0.098456	104.844070	
2010	93	2400	94.000000000		04/04/2010 0:00	7.6814	0.1378	12.96	48.0552	104.8167741	104.832924	0.098867	104.844481	
2010	94	100	94.041666667		04/04/2010 1:00	7.8814	0.1406	12.9	48.0485	104.818813	104.834963	0.100873	104.846487	
2010	94	200	94.083333333		04/04/2010 2:00	7.6314	0.1371	12.84	48.0569	104.8162644	104.832414	0.098366	104.843980	
2010	94	300	94.125000000		04/04/2010 3:00	7.8114	0.1396	12.78	48.0509	104.8180994	104.834249	0.100171	104.845785	
2010	94	400	94.166666667		04/04/2010 4:00	7.7844	0.1392	12.73	48.0518	104.8178241	104.833974	0.099900	104.845514	
2010	94	500	94.208333333		04/04/2010 5:00	7.9504	0.1416	12.68	48.0462	104.8195164	104.835666	0.101564	104.847178	
2010	94	600	94.250000000		04/04/2010 6:00	7.9504	0.1416	12.8	48.0462	104.8195164	104.835666	0.101564	104.847178	
2010	94	700	94.291666667		04/04/2010 7:00	7.3034	0.1325	13.87	48.0678	104.8129207	104.829071	0.095077	104.840691	
2010	94	800	94.333333333		04/04/2010 8:00	7.6454	0.1373	13.78	48.0564	104.8164071	104.832557	0.098506	104.844120	
2010	94	900	94.375000000		04/04/2010 9:00	8.4204	0.1481	13.69	48.0305	104.8243077	104.840457	0.106277	104.851891	
2010	94	1000	94.416666667		04/04/2010 10:00	8.2814	0.1462	13.62	48.0351	104.8228907	104.839040	0.104883	104.850497	
2010	94	1100	94.458333333		04/04/2010 11:00	7.0964	0.1296	13.57	48.0748	104.8108105	104.826960	0.093002	104.838616	
2010	94	1200	94.500000000		04/04/2010 12:00	8.4514	0.1486	13.53	48.0294	104.8246237	104.840774	0.106588	104.852202	
2010	94	1300	94.541666667		04/04/2010 13:00	8.4084	0.1480	13.51	48.0309	104.8241853	104.840335	0.106156	104.851770	
2010	94	1400	94.583333333		04/04/2010 14:00	8.6134	0.1508	13.49	48.0240	104.8262752	104.842425	0.108212	104.853826	
2010	94	1500	94.625000000		04/04/2010 15:00	8.1144	0.1439	13.52	48.0407	104.8211882	104.837338	0.103209	104.848823	
2010	94	1600	94.666666667		04/04/2010 16:00	8.2114	0.1452	13.52	48.0375	104.8221771	104.838327	0.104181	104.849795	
2010	94	1700	94.708333333		04/04/2010 17:00	8.2074	0.1452	13.54	48.0376	104.8221363	104.838286	0.104141	104.849755	
2010	94	1800	94.750000000		04/04/2010 18:00	8.2404	0.1456	13.44	48.0365	104.8224727	104.838623	0.104472	104.850086	
2010	94	1900	94.791666667		04/04/2010 19:00	8.3434	0.1471	13.29	48.0331	104.8235227	104.839673	0.105505	104.851119	
2010	94	2000	94.833333333		04/04/2010 20:00	8.3444	0.1471	13.18	48.0330	104.8235329	104.839683	0.105515	104.851129	
2010	94	2100	94.875000000		04/04/2010 21:00	8.2954	0.1464	13.1	48.0347	104.8230334	104.839183	0.105023	104.850637	
2010	94	2200	94.916666667		04/04/2010 22:00	8.2834	0.1462	13.03	48.0351	104.8229111	104.839061	0.104903	104.850517	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	2300	94.958333333		04/04/2010 23:00	8.4254	0.1482	12.97	48.0303	104.8243586	104.840508	0.106327	104.851941	
2010	94	2400	95.000000000		04/05/2010 0:00	8.4134	0.1480	12.9	48.0307	104.8242363	104.840386	0.106207	104.851821	
2010	95	100	95.041666667		04/05/2010 1:00	8.5434	0.1499	12.84	48.0264	104.8255616	104.841711	0.107510	104.853124	
2010	95	200	95.083333333		04/05/2010 2:00	8.4924	0.1491	12.79	48.0281	104.8250416	104.841191	0.106999	104.852613	
2010	95	300	95.125000000		04/05/2010 3:00	8.5744	0.1503	12.73	48.0253	104.8258776	104.842027	0.107821	104.853435	
2010	95	400	95.166666667		04/05/2010 4:00	8.5154	0.1495	12.68	48.0273	104.8252761	104.841426	0.107229	104.852843	
2010	95	500	95.208333333		04/05/2010 5:00	8.5844	0.1504	12.63	48.0250	104.8259795	104.842129	0.107921	104.853535	
2010	95	600	95.250000000		04/05/2010 6:00	8.5374	0.1498	12.59	48.0266	104.8255004	104.841650	0.107450	104.853064	
2010	95	700	95.291666667		04/05/2010 7:00	8.4564	0.1486	13.76	48.0293	104.8246747	104.840824	0.106638	104.852252	
2010	95	800	95.333333333		04/05/2010 8:00	8.1474	0.1443	13.75	48.0396	104.8215246	104.837674	0.103540	104.849154	
2010	95	900	95.375000000		04/05/2010 9:00	8.4644	0.1487	13.67	48.0290	104.8247562	104.840906	0.106718	104.852332	
2010	95	1000	95.416666667		04/05/2010 10:00	8.9954	0.1562	13.61	48.0113	104.8301693	104.846319	0.112042	104.857656	
2010	95	1100	95.458333333		04/05/2010 11:00	8.7744	0.1531	13.57	48.0186	104.8279164	104.844066	0.109826	104.855440	
2010	95	1200	95.500000000		04/05/2010 12:00	8.7164	0.1523	13.54	48.0206	104.8273252	104.843475	0.109245	104.854859	
2010	95	1300	95.541666667		04/05/2010 13:00	8.6704	0.1516	13.53	48.0221	104.8268562	104.843006	0.108783	104.854397	
2010	95	1400	95.583333333		04/05/2010 14:00	9.0094	0.1564	13.51	48.0108	104.8303121	104.846462	0.112182	104.857796	
2010	95	1500	95.625000000		04/05/2010 15:00	9.0134	0.1564	13.52	48.0107	104.8303528	104.846503	0.112222	104.857836	
2010	95	1600	95.666666667		04/05/2010 16:00	9.4344	0.1623	13.5	47.9966	104.8346446	104.850794	0.116444	104.862058	
2010	95	1700	95.708333333		04/05/2010 17:00	9.9004	0.1688	13.51	47.9810	104.8393951	104.855545	0.121116	104.866730	
2010	95	1800	95.750000000		04/05/2010 18:00	8.7154	0.1523	13.42	48.0206	104.827315	104.843465	0.109235	104.854849	
2010	95	1900	95.791666667		04/05/2010 19:00	8.6524	0.1514	13.26	48.0227	104.8266727	104.842823	0.108603	104.854217	
2010	95	2000	95.833333333		04/05/2010 20:00	8.7454	0.1527	13.16	48.0196	104.8276208	104.843771	0.109535	104.855149	
2010	95	2100	95.875000000		04/05/2010 21:00	8.9334	0.1553	13.08	48.0133	104.8295373	104.845687	0.111420	104.857034	
2010	95	2200	95.916666667		04/05/2010 22:00	8.6464	0.1513	13.01	48.0229	104.8266116	104.842761	0.108543	104.854157	
2010	95	2300	95.958333333		04/05/2010 23:00	8.6594	0.1515	12.94	48.0225	104.8267441	104.842894	0.108673	104.854287	
2010	95	2400	96.000000000		04/06/2010 0:00	8.7654	0.1530	12.88	48.0189	104.8278247	104.843975	0.109736	104.855350	
2010	96	100	96.041666667		04/06/2010 1:00	8.6134	0.1508	12.82	48.0240	104.8262752	104.842425	0.108212	104.853826	
2010	96	200	96.083333333		04/06/2010 2:00	8.5644	0.1501	12.77	48.0257	104.8257756	104.841925	0.107721	104.853335	
2010	96	300	96.125000000		04/06/2010 3:00	8.3624	0.1473	12.72	48.0324	104.8237164	104.839866	0.105695	104.851309	
2010	96	400	96.166666667		04/06/2010 4:00	8.3854	0.1476	12.67	48.0317	104.8239509	104.840101	0.105926	104.851540	
2010	96	500	96.208333333		04/06/2010 5:00	8.2184	0.1453	12.62	48.0372	104.8222484	104.838398	0.104251	104.849865	
2010	96	600	96.250000000		04/06/2010 6:00	8.3154	0.1467	12.84	48.0340	104.8232373	104.839387	0.105224	104.850838	
2010	96	700	96.291666667		04/06/2010 7:00	7.9944	0.1422	13.74	48.0447	104.8199649	104.836115	0.102006	104.847620	
2010	96	800	96.333333333		04/06/2010 8:00	8.2084	0.1452	13.71	48.0376	104.8221465	104.838296	0.104151	104.849765	
2010	96	900	96.375000000		04/06/2010 9:00	7.2894	0.1323	13.65	48.0683	104.812778	104.828928	0.094937	104.840551	
2010	96	1000	96.416666667		04/06/2010 10:00	7.9404	0.1414	13.59	48.0465	104.8194144	104.835564	0.101464	104.847078	
2010	96	1100	96.458333333		04/06/2010 11:00	7.5424	0.1359	13.57	48.0599	104.8153571	104.831507	0.097474	104.843088	
2010	96	1200	96.500000000		04/06/2010 12:00	7.7804	0.1392	13.56	48.0519	104.8177834	104.833933	0.099860	104.845474	
2010	96	1300	96.541666667		04/06/2010 13:00	8.8224	0.1538	13.54	48.0170	104.8284057	104.844556	0.110307	104.855921	
2010	96	1400	96.583333333		04/06/2010 14:00	7.9084	0.1410	13.52	48.0476	104.8190882	104.835238	0.101143	104.846757	
2010	96	1500	96.625000000		04/06/2010 15:00	6.8354	0.1260	13.54	48.0835	104.8081498	104.824300	0.090385	104.835999	
2010	96	1600	96.666666667		04/06/2010 16:00	7.1314	0.1301	13.54	48.0736	104.8111673	104.827317	0.093353	104.838967	
2010	96	1700	96.708333333		04/06/2010 17:00	6.5744	0.1223	13.54	48.0922	104.8054891	104.821639	0.087768	104.833382	
2010	96	1800	96.750000000		04/06/2010 18:00	7.1884	0.1309	13.52	48.0717	104.8117484	104.827898	0.093924	104.839538	
2010	96	1900	96.791666667		04/06/2010 19:00	7.0354	0.1288	13.33	48.0768	104.8101887	104.826339	0.092390	104.838004	
2010	96	2000	96.833333333		04/06/2010 20:00	6.9044	0.1269	13.22	48.0812	104.8088532	104.825003	0.091077	104.836691	
2010	96	2100	96.875000000		04/06/2010 21:00	6.9784	0.1280	13.13	48.0787	104.8096076	104.825757	0.091819	104.837433	
2010	96	2200	96.916666667		04/06/2010 22:00	7.0614	0.1291	13.06	48.0759	104.8104537	104.826604	0.092651	104.838265	
2010	96	2300	96.958333333		04/06/2010 23:00	6.9524	0.1276	12.99	48.0796	104.8093426	104.825492	0.091558	104.837172	
2010	96	2400	97.000000000		04/07/2010 0:00	6.6074	0.1228	12.92	48.0911	104.8058255	104.821975	0.088099	104.833713	
2010	97	100	97.041666667		04/07/2010 1:00	6.6674	0.1236	12.86	48.0891	104.8064372	104.822587	0.088700	104.834314	
2010	97	200	97.083333333		04/07/2010 2:00	6.6434	0.1233	12.8	48.0899	104.8061925	104.822342	0.088460	104.834074	
2010	97	300	97.125000000		04/07/2010 3:00	6.4554	0.1207	12.75	48.0962	104.804276	104.820426	0.086575	104.832189	
2010	97	400	97.166666667		04/07/2010 4:00	6.3324	0.1190	12.7	48.1003	104.8030221	104.819172	0.085342	104.830956	
2010	97	500	97.208333333		04/07/2010 5:00	6.2254	0.1175	12.65	48.1039	104.8019314	104.818081	0.084269	104.829883	
2010	97	600	97.250000000		04/07/2010 6:00	5.8484	0.1122	13.33	48.1165	104.7980881	104.814238	0.080489	104.826103	
2010	97	700	97.291666667		04/07/2010 7:00	6.2444	0.1177	13.72	48.1033	104.802125	104.818275	0.084459	104.830073	
2010	97	800	97.333333333		04/07/2010 8:00	6.0734	0.1153	13.68	48.1090	104.8003818	104.816532	0.082745	104.828359	
2010	97	900	97.375000000		04/07/2010 9:00	5.8114	0.1117	13.63	48.1177	104.7977109	104.813861	0.080118	104.825732	
2010	97	1000	97.416666667		04/07/2010 10:00	5.1914	0.1030	13.59	48.1385	104.7913905	104.807540	0.073902	104.819516	
2010	97	1100	97.458333333		04/07/2010 11:00	6.5154	0.1215	13.54	48.0942	104.8048877	104.821038	0.087176	104.832790	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	97	1200	97.500000000		04/07/2010 12:00	5.9394	0.1135	13.51	48.1135	104.7990158	104.815166	0.081401	104.827015	
2010	97	1300	97.541666667		04/07/2010 13:00	5.3384	0.1051	13.48	48.1336	104.7928891	104.809039	0.075375	104.820989	
2010	97	1400	97.583333333		04/07/2010 14:00	5.5284	0.1077	13.46	48.1272	104.794826	104.810976	0.077280	104.822894	
2010	97	1500	97.625000000		04/07/2010 15:00	5.8854	0.1127	13.44	48.1153	104.7984653	104.814615	0.080860	104.826474	
2010	97	1600	97.666666667		04/07/2010 16:00	5.7674	0.1111	13.44	48.1192	104.7972624	104.813412	0.079677	104.825291	
2010	97	1700	97.708333333		04/07/2010 17:00	5.6104	0.1089	13.47	48.1245	104.7956619	104.811812	0.078103	104.823717	
2010	97	1800	97.750000000		04/07/2010 18:00	5.6094	0.1088	13.38	48.1245	104.7956517	104.811802	0.078093	104.823707	
2010	97	1900	97.791666667		04/07/2010 19:00	5.5104	0.1075	13.23	48.1278	104.7946425	104.810792	0.077100	104.822714	
2010	97	2000	97.833333333		04/07/2010 20:00	5.5684	0.1083	13.12	48.1259	104.7952338	104.811384	0.077681	104.823295	
2010	97	2100	97.875000000		04/07/2010 21:00	5.5284	0.1077	13.05	48.1272	104.794826	104.810976	0.077280	104.822894	
2010	97	2200	97.916666667		04/07/2010 22:00	5.4924	0.1072	12.97	48.1284	104.794459	104.810609	0.076919	104.822533	
2010	97	2300	97.958333333		04/07/2010 23:00	5.4084	0.1060	12.91	48.1312	104.7936027	104.809753	0.076077	104.821691	
2010	97	2400	98.000000000		04/08/2010 0:00	5.4084	0.1060	12.84	48.1312	104.7936027	104.809753	0.076077	104.821691	
2010	98	100	98.041666667		04/08/2010 1:00	5.1464	0.1024	12.79	48.1400	104.7909318	104.807082	0.073450	104.819064	
2010	98	200	98.083333333		04/08/2010 2:00	5.1234	0.1021	12.74	48.1408	104.7906973	104.806847	0.073220	104.818834	
2010	98	300	98.125000000		04/08/2010 3:00	5.1254	0.1021	12.69	48.1407	104.7907177	104.806868	0.073240	104.818854	
2010	98	400	98.166666667		04/08/2010 4:00	5.2304	0.1036	12.65	48.1372	104.7917881	104.807938	0.074293	104.819907	
2010	98	500	98.208333333		04/08/2010 5:00	5.0884	0.1016	12.61	48.1419	104.7903405	104.806490	0.072869	104.818483	
2010	98	600	98.250000000		04/08/2010 6:00	5.1914	0.1030	12.68	48.1385	104.7913905	104.807540	0.073902	104.819516	
2010	98	700	98.291666667		04/08/2010 7:00	5.0254	0.1007	13.69	48.1440	104.7896983	104.805848	0.072237	104.817851	
2010	98	800	98.333333333		04/08/2010 8:00	5.2464	0.1038	13.67	48.1366	104.7919512	104.808101	0.074453	104.820067	
2010	98	900	98.375000000		04/08/2010 9:00	5.1484	0.1024	13.65	48.1399	104.7909522	104.807102	0.073470	104.819084	
2010	98	1000	98.416666667		04/08/2010 10:00	5.3034	0.1046	13.62	48.1347	104.7925323	104.808682	0.075024	104.820638	
2010	98	1100	98.458333333		04/08/2010 11:00	4.9124	0.0991	13.59	48.1478	104.7885463	104.804696	0.071104	104.816718	
2010	98	1200	98.500000000		04/08/2010 12:00	5.5094	0.1075	13.59	48.1278	104.7946323	104.810782	0.077090	104.822704	
2010	98	1300	98.541666667		04/08/2010 13:00	5.8394	0.1121	13.59	48.1168	104.7979964	104.814146	0.080399	104.826013	
2010	98	1400	98.583333333		04/08/2010 14:00	5.5794	0.1084	13.57	48.1255	104.7953459	104.811496	0.077792	104.823406	
2010	98	1500	98.625000000		04/08/2010 15:00	5.5444	0.1079	13.57	48.1267	104.7949891	104.811139	0.077441	104.823055	
2010	98	1600	98.666666667		04/08/2010 16:00	5.7804	0.1112	13.57	48.1188	104.7973949	104.813545	0.079807	104.825421	
2010	98	1700	98.708333333		04/08/2010 17:00	6.3084	0.1186	13.6	48.1011	104.8027775	104.818927	0.085101	104.830715	
2010	98	1800	98.750000000		04/08/2010 18:00	6.0824	0.1155	13.59	48.1087	104.8004736	104.816623	0.082835	104.828449	
2010	98	1900	98.791666667		04/08/2010 19:00	6.1244	0.1160	13.38	48.1073	104.8009017	104.817052	0.083256	104.828870	
2010	98	2000	98.833333333		04/08/2010 20:00	6.3234	0.1188	13.27	48.1006	104.8029304	104.819080	0.085251	104.830865	
2010	98	2100	98.875000000		04/08/2010 21:00	6.4254	0.1203	13.19	48.0972	104.8039702	104.820120	0.086274	104.831888	
2010	98	2200	98.916666667		04/08/2010 22:00	6.2944	0.1184	13.11	48.1016	104.8026348	104.818785	0.084961	104.830575	
2010	98	2300	98.958333333		04/08/2010 23:00	6.7914	0.1254	13.05	48.0850	104.8077013	104.823851	0.089944	104.835558	
2010	98	2400	99.000000000		04/09/2010 0:00	6.6464	0.1233	12.99	48.0898	104.8062231	104.822373	0.088490	104.834104	
2010	99	100	99.041666667		04/09/2010 1:00	6.8834	0.1267	12.92	48.0819	104.8086392	104.824789	0.090866	104.836480	
2010	99	200	99.083333333		04/09/2010 2:00	6.9234	0.1272	12.86	48.0806	104.8090469	104.825197	0.091267	104.836881	
2010	99	300	99.125000000		04/09/2010 3:00	6.9954	0.1282	12.8	48.0781	104.8097809	104.825931	0.091989	104.837603	
2010	99	400	99.166666667		04/09/2010 4:00	7.0624	0.1292	12.75	48.0759	104.8104639	104.826614	0.092661	104.838275	
2010	99	500	99.208333333		04/09/2010 5:00	7.2504	0.1318	12.7	48.0696	104.8123804	104.828530	0.094546	104.840160	
2010	99	600	99.250000000		04/09/2010 6:00	7.3654	0.1334	13.13	48.0658	104.8135528	104.829703	0.095699	104.841313	
2010	99	700	99.291666667		04/09/2010 7:00	7.8584	0.1403	13.83	48.0493	104.8185785	104.834728	0.100642	104.846256	
2010	99	800	99.333333333		04/09/2010 8:00	7.6194	0.1369	13.78	48.0573	104.8161421	104.832292	0.098246	104.843860	
2010	99	900	99.375000000		04/09/2010 9:00	8.0074	0.1424	13.72	48.0443	104.8200975	104.836247	0.102136	104.847750	
2010	99	1000	99.416666667		04/09/2010 10:00	7.4434	0.1345	13.67	48.0632	104.8143479	104.830498	0.096481	104.842095	
2010	99	1100	99.458333333		04/09/2010 11:00	7.0434	0.1289	13.62	48.0765	104.8102702	104.826420	0.092470	104.838084	
2010	99	1200	99.500000000		04/09/2010 12:00	7.0724	0.1293	13.56	48.0756	104.8105659	104.826716	0.092761	104.838375	
2010	99	1300	99.541666667		04/09/2010 13:00	8.9224	0.1551	13.54	48.0137	104.8294252	104.845575	0.111310	104.856924	
2010	99	1400	99.583333333		04/09/2010 14:00	8.1324	0.1441	13.52	48.0401	104.8213717	104.837522	0.103389	104.849003	
2010	99	1500	99.625000000		04/09/2010 15:00	8.1364	0.1442	13.55	48.0400	104.8214125	104.837562	0.103429	104.849043	
2010	99	1600	99.666666667		04/09/2010 16:00	8.4784	0.1489	13.56	48.0285	104.8248989	104.841049	0.106858	104.852472	
2010	99	1700	99.708333333		04/09/2010 17:00	8.3944	0.1478	13.57	48.0314	104.8240426	104.840192	0.106016	104.851630	
2010	99	1800	99.750000000		04/09/2010 18:00	8.5924	0.1505	13.59	48.0247	104.8260611	104.842211	0.108001	104.853615	
2010	99	1900	99.791666667		04/09/2010 19:00	8.9474	0.1555	13.36	48.0129	104.82968	104.845830	0.111561	104.857175	
2010	99	2000	99.833333333		04/09/2010 20:00	9.0354	0.1567	13.24	48.0099	104.8305771	104.846727	0.112443	104.858057	
2010	99	2100	99.875000000		04/09/2010 21:00	8.9094	0.1550	13.16	48.0141	104.8292926	104.845442	0.111180	104.856794	
2010	99	2200	99.916666667		04/09/2010 22:00	9.0854	0.1574	13.08	48.0082	104.8310868	104.847237	0.112944	104.858558	
2010	99	2300	99.958333333		04/09/2010 23:00	9.2084	0.1591	13.01	48.0041	104.8323407	104.848491	0.114178	104.859792	
2010	99	2400	100.000000000		04/10/2010 0:00	9.4434	0.1624	12.95	47.9963	104.8347364	104.850886	0.116534	104.862148	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	100	100	100.041666667		04/10/2010 1:00	9.5294	0.1636	12.89	47.9934	104.8356131	104.851763	0.117396	104.863010	
2010	100	200	100.083333333		04/10/2010 2:00	9.4964	0.1632	12.82	47.9945	104.8352766	104.851426	0.117065	104.862679	
2010	100	300	100.125000000		04/10/2010 3:00	9.7584	0.1668	12.76	47.9857	104.8379475	104.854097	0.119692	104.865306	
2010	100	400	100.166666667		04/10/2010 4:00	9.7924	0.1673	12.71	47.9846	104.8382941	104.854444	0.120033	104.865647	
2010	100	500	100.208333333		04/10/2010 5:00	9.8844	0.1686	12.65	47.9815	104.839232	104.855382	0.120955	104.866569	
2010	100	600	100.250000000		04/10/2010 6:00	9.7214	0.1663	13.23	47.9870	104.8375703	104.853720	0.119321	104.864935	
2010	100	700	100.291666667		04/10/2010 7:00	9.6114	0.1648	13.89	47.9907	104.836449	104.852599	0.118218	104.863832	
2010	100	800	100.333333333		04/10/2010 8:00	10.4584	0.1766	13.79	47.9623	104.8450835	104.861233	0.126711	104.872325	
2010	100	900	100.375000000		04/10/2010 9:00	10.3504	0.1751	13.74	47.9659	104.8439825	104.860132	0.125628	104.871242	
2010	100	1000	100.416666667		04/10/2010 10:00	10.0834	0.1714	13.67	47.9749	104.8412607	104.857410	0.122951	104.868565	
2010	100	1100	100.458333333		04/10/2010 11:00	10.0424	0.1708	13.58	47.9762	104.8408427	104.856993	0.122540	104.868154	
2010	100	1200	100.500000000		04/10/2010 12:00	10.9374	0.1833	13.53	47.9463	104.8499665	104.866116	0.131513	104.877127	
2010	100	1300	100.541666667		04/10/2010 13:00	10.9224	0.1831	13.51	47.9468	104.8498136	104.865963	0.131363	104.876977	
2010	100	1400	100.583333333		04/10/2010 14:00	11.4764	0.1908	13.47	47.9283	104.8554612	104.871611	0.136917	104.882531	
2010	100	1500	100.625000000		04/10/2010 15:00	11.1704	0.1866	13.48	47.9385	104.8523418	104.868492	0.133849	104.879463	
2010	100	1600	100.666666667		04/10/2010 16:00	11.2134	0.1872	13.5	47.9371	104.8527801	104.868930	0.134280	104.879894	
2010	100	1700	100.708333333		04/10/2010 17:00	11.3934	0.1897	13.52	47.9311	104.8546151	104.870765	0.136085	104.881699	
2010	100	1800	100.750000000		04/10/2010 18:00	11.5674	0.1921	13.49	47.9252	104.8563889	104.872539	0.137830	104.883444	
2010	100	1900	100.791666667		04/10/2010 19:00	11.8224	0.1957	13.29	47.9167	104.8589884	104.875138	0.140387	104.886001	
2010	100	2000	100.833333333		04/10/2010 20:00	11.7624	0.1948	13.19	47.9187	104.8583767	104.874527	0.139785	104.885399	
2010	100	2100	100.875000000		04/10/2010 21:00	11.9164	0.1970	13.1	47.9136	104.8599467	104.876096	0.141329	104.886943	
2010	100	2200	100.916666667		04/10/2010 22:00	11.8694	0.1963	13.03	47.9151	104.8594675	104.875617	0.140858	104.886472	
2010	100	2300	100.958333333		04/10/2010 23:00	12.0594	0.1990	12.97	47.9088	104.8614044	104.877554	0.142763	104.888377	
2010	100	2400	101.000000000		04/11/2010 0:00	12.2464	0.2016	12.9	47.9025	104.8633107	104.879461	0.144638	104.890252	
2010	101	100	101.041666667		04/11/2010 1:00	12.4114	0.2039	12.84	47.8970	104.8649928	104.881143	0.146292	104.891906	
2010	101	200	101.083333333		04/11/2010 2:00	12.5064	0.2052	12.79	47.8938	104.8659612	104.882111	0.147245	104.892859	
2010	101	300	101.125000000		04/11/2010 3:00	12.5174	0.2054	12.73	47.8935	104.8660734	104.882223	0.147355	104.892969	
2010	101	400	101.166666667		04/11/2010 4:00	12.6714	0.2075	12.69	47.8883	104.8676433	104.883793	0.148899	104.894513	
2010	101	500	101.208333333		04/11/2010 5:00	12.7054	0.2080	12.64	47.8872	104.8679899	104.884140	0.149240	104.894854	
2010	101	600	101.250000000		04/11/2010 6:00	12.9754	0.2118	12.76	47.8781	104.8707423	104.886892	0.151947	104.897561	
2010	101	700	101.291666667		04/11/2010 7:00	12.2784	0.2021	13.74	47.9015	104.863637	104.879787	0.144959	104.890573	
2010	101	800	101.333333333		04/11/2010 8:00	12.6774	0.2076	13.66	47.8881	104.8677045	104.883854	0.148959	104.894573	
2010	101	900	101.375000000		04/11/2010 9:00	13.2794	0.2160	13.63	47.8680	104.8738414	104.889991	0.154995	104.900609	
2010	101	1000	101.416666667		04/11/2010 10:00	12.8674	0.2103	13.58	47.8818	104.8696414	104.885791	0.150864	104.896478	
2010	101	1100	101.458333333		04/11/2010 11:00	12.5374	0.2057	13.54	47.8928	104.8662773	104.882427	0.147555	104.893169	
2010	101	1200	101.500000000		04/11/2010 12:00	13.5314	0.2196	13.5	47.8595	104.8764103	104.892560	0.157522	104.903136	
2010	101	1300	101.541666667		04/11/2010 13:00	12.8964	0.2107	13.49	47.8808	104.869937	104.886087	0.151155	104.896769	
2010	101	1400	101.583333333		04/11/2010 14:00	13.3594	0.2172	13.45	47.8653	104.8746569	104.890807	0.155797	104.901411	
2010	101	1500	101.625000000		04/11/2010 15:00	13.1584	0.2143	13.43	47.8720	104.8726079	104.888758	0.153782	104.899396	
2010	101	1600	101.666666667		04/11/2010 16:00	12.8264	0.2097	13.43	47.8831	104.8692234	104.885373	0.150453	104.896067	
2010	101	1700	101.708333333		04/11/2010 17:00	14.0914	0.2274	13.44	47.8408	104.8821191	104.898269	0.163136	104.908750	
2010	101	1800	101.750000000		04/11/2010 18:00	14.0424	0.2267	13.47	47.8425	104.8816196	104.897769	0.162645	104.908259	
2010	101	1900	101.791666667		04/11/2010 19:00	14.0264	0.2265	13.26	47.8430	104.8814565	104.897606	0.162485	104.908099	
2010	101	2000	101.833333333		04/11/2010 20:00	14.3584	0.2311	13.15	47.8319	104.8848409	104.900991	0.165813	104.911427	
2010	101	2100	101.875000000		04/11/2010 21:00	14.5114	0.2333	13.07	47.8268	104.8864007	104.902550	0.167348	104.912962	
2010	101	2200	101.916666667		04/11/2010 22:00	14.3204	0.2306	12.99	47.8332	104.8844536	104.900603	0.165432	104.911046	
2010	101	2300	101.958333333		04/11/2010 23:00	14.6054	0.2346	12.91	47.8236	104.8873589	104.903509	0.168290	104.913904	
2010	101	2400	102.000000000		04/12/2010 0:00	14.6274	0.2349	12.85	47.8229	104.8875832	104.903733	0.168511	104.914125	
2010	102	100	102.041666667		04/12/2010 1:00	14.7334	0.2364	12.8	47.8193	104.8886638	104.904814	0.169573	104.915187	
2010	102	200	102.083333333		04/12/2010 2:00	14.8624	0.2382	12.74	47.8150	104.8899788	104.906129	0.170867	104.916481	
2010	102	300	102.125000000		04/12/2010 3:00	14.8734	0.2383	12.69	47.8147	104.890091	104.906241	0.170977	104.916591	
2010	102	400	102.166666667		04/12/2010 4:00	14.9804	0.2398	12.65	47.8111	104.8911817	104.907332	0.172050	104.917664	
2010	102	500	102.208333333		04/12/2010 5:00	15.0284	0.2405	12.62	47.8095	104.8916711	104.907821	0.172531	104.918145	
2010	102	600	102.250000000		04/12/2010 6:00	14.8834	0.2385	12.71	47.8143	104.8901929	104.906343	0.171077	104.916691	
2010	102	700	102.291666667		04/12/2010 7:00	14.9324	0.2391	13.65	47.8127	104.8906924	104.906842	0.171569	104.917183	
2010	102	800	102.333333333		04/12/2010 8:00	14.9474	0.2394	13.64	47.8122	104.8908453	104.906995	0.171719	104.917333	
2010	102	900	102.375000000		04/12/2010 9:00	14.9184	0.2389	13.6	47.8132	104.8905497	104.906700	0.171428	104.917042	
2010	102	1000	102.416666667		04/12/2010 10:00	15.6684	0.2494	13.53	47.7881	104.8981954	104.914345	0.178948	104.924562	
2010	102	1100	102.458333333		04/12/2010 11:00	13.9224	0.2250	13.51	47.8465	104.8803963	104.896546	0.161442	104.907056	
2010	102	1200	102.500000000		04/12/2010 12:00	15.5684	0.2480	13.49	47.7914	104.8971759	104.913326	0.177945	104.923559	
2010	102	1300	102.541666667		04/12/2010 13:00	14.9764	0.2398	13.47	47.8112	104.891141	104.907291	0.172010	104.917624	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	102	1400	102.583333333		04/12/2010 14:00	14.6114	0.2347	13.46	47.8234	104.8874201	104.903570	0.168350	104.913964	
2010	102	1500	102.625000000		04/12/2010 15:00	15.1684	0.2424	13.44	47.8048	104.8930983	104.909248	0.173935	104.919549	
2010	102	1600	102.666666667		04/12/2010 16:00	15.2854	0.2441	13.46	47.8009	104.894291	104.910441	0.175108	104.920722	
2010	102	1700	102.708333333		04/12/2010 17:00	15.6384	0.2490	13.47	47.7891	104.8978895	104.914039	0.178647	104.924261	
2010	102	1800	102.750000000		04/12/2010 18:00	15.7654	0.2508	13.5	47.7848	104.8991842	104.915334	0.179921	104.925535	
2010	102	1900	102.791666667		04/12/2010 19:00	15.6364	0.2490	13.28	47.7891	104.8978692	104.914019	0.178627	104.924241	
2010	102	2000	102.833333333		04/12/2010 20:00	15.7144	0.2501	13.17	47.7865	104.8986643	104.914814	0.179409	104.925023	
2010	102	2100	102.875000000		04/12/2010 21:00	15.6564	0.2493	13.08	47.7885	104.898073	104.914223	0.178828	104.924442	
2010	102	2200	102.916666667		04/12/2010 22:00	15.6414	0.2490	13.01	47.7890	104.8979201	104.914070	0.178677	104.924291	
2010	102	2300	102.958333333		04/12/2010 23:00	15.6104	0.2486	12.94	47.7900	104.8976041	104.913754	0.178367	104.923981	
2010	102	2400	103.000000000		04/13/2010 0:00	15.7364	0.2504	12.88	47.7858	104.8988886	104.915038	0.179630	104.925244	
2010	103	100	103.041666667		04/13/2010 1:00	15.7704	0.2509	12.82	47.7847	104.8992352	104.915385	0.179971	104.925585	
2010	103	200	103.083333333		04/13/2010 2:00	15.8304	0.2517	12.77	47.7827	104.8998468	104.915997	0.180572	104.926186	
2010	103	300	103.125000000		04/13/2010 3:00	15.7604	0.2507	12.72	47.7850	104.8991332	104.915283	0.179870	104.925484	
2010	103	400	103.166666667		04/13/2010 4:00	15.8184	0.2515	12.67	47.7831	104.8997245	104.915874	0.180452	104.926066	
2010	103	500	103.208333333		04/13/2010 5:00	15.8084	0.2514	12.64	47.7834	104.8996226	104.915772	0.180352	104.925966	
2010	103	600	103.250000000		04/13/2010 6:00	15.8794	0.2524	12.9	47.7810	104.9003463	104.916496	0.181064	104.926678	
2010	103	700	103.291666667		04/13/2010 7:00	15.7554	0.2506	13.69	47.7852	104.8990823	104.915232	0.179820	104.925434	
2010	103	800	103.333333333		04/13/2010 8:00	15.5374	0.2476	13.65	47.7925	104.8968599	104.913010	0.177635	104.923249	
2010	103	900	103.375000000		04/13/2010 9:00	15.5664	0.2480	13.61	47.7915	104.8971556	104.913305	0.177925	104.923539	
2010	103	1000	103.416666667		04/13/2010 10:00	15.6594	0.2493	13.54	47.7884	104.8981036	104.914253	0.178858	104.924472	
2010	103	1100	103.458333333		04/13/2010 11:00	15.6844	0.2496	13.53	47.7875	104.8983585	104.914508	0.179108	104.924722	
2010	103	1200	103.500000000		04/13/2010 12:00	13.3204	0.2166	13.5	47.8666	104.8742593	104.890409	0.155406	104.901020	
2010	103	1300	103.541666667		04/13/2010 13:00	15.9364	0.2532	13.47	47.7791	104.9009274	104.917077	0.181635	104.927249	
2010	103	1400	103.583333333		04/13/2010 14:00	15.0844	0.2413	13.46	47.8076	104.8922419	104.908392	0.173093	104.918707	
2010	103	1500	103.625000000		04/13/2010 15:00	15.2324	0.2433	13.46	47.8027	104.8937507	104.909901	0.174577	104.920191	
2010	103	1600	103.666666667		04/13/2010 16:00	15.6154	0.2487	13.46	47.7898	104.8976551	104.913805	0.178417	104.924031	
2010	103	1700	103.708333333		04/13/2010 17:00	15.5344	0.2476	13.53	47.7926	104.8968293	104.912979	0.177605	104.923219	
2010	103	1800	103.750000000		04/13/2010 18:00	15.4354	0.2462	13.54	47.7959	104.8958201	104.911970	0.176612	104.922226	
2010	103	1900	103.791666667		04/13/2010 19:00	15.6324	0.2489	13.32	47.7893	104.8978284	104.913978	0.178587	104.924201	
2010	103	2000	103.833333333		04/13/2010 20:00	15.3464	0.2449	13.21	47.7988	104.8949128	104.911063	0.175720	104.921334	
2010	103	2100	103.875000000		04/13/2010 21:00	15.5254	0.2474	13.12	47.7929	104.8967376	104.912887	0.177514	104.923128	
2010	103	2200	103.916666667		04/13/2010 22:00	15.2454	0.2435	13.05	47.8022	104.8938832	104.910033	0.174707	104.920321	
2010	103	2300	103.958333333		04/13/2010 23:00	15.3094	0.2444	12.97	47.8001	104.8945356	104.910685	0.175349	104.920963	
2010	103	2400	104.000000000		04/14/2010 0:00	15.4244	0.2460	12.91	47.7962	104.895708	104.911858	0.176502	104.922116	
2010	104	100	104.041666667		04/14/2010 1:00	15.2694	0.2439	12.85	47.8014	104.8941279	104.910278	0.174948	104.920562	
2010	104	200	104.083333333		04/14/2010 2:00	15.3554	0.2451	12.8	47.7985	104.8950046	104.911154	0.175810	104.921424	
2010	104	300	104.125000000		04/14/2010 3:00	15.4304	0.2461	12.74	47.7960	104.8957691	104.911919	0.176562	104.922176	
2010	104	400	104.166666667		04/14/2010 4:00	15.3644	0.2452	12.68	47.7982	104.8950963	104.911246	0.175900	104.921514	
2010	104	500	104.208333333		04/14/2010 5:00	14.9764	0.2398	12.64	47.8112	104.891141	104.907291	0.172010	104.917624	
2010	104	600	104.250000000		04/14/2010 6:00	14.7224	0.2362	13.15	47.8197	104.8885516	104.904701	0.169463	104.915077	
2010	104	700	104.291666667		04/14/2010 7:00	14.1034	0.2276	13.76	47.8404	104.8822414	104.898391	0.163257	104.908871	
2010	104	800	104.333333333		04/14/2010 8:00	14.3354	0.2308	13.68	47.8327	104.8846065	104.900756	0.165583	104.911197	
2010	104	900	104.375000000		04/14/2010 9:00	15.1154	0.2417	13.59	47.8066	104.892558	104.908708	0.173403	104.919017	
2010	104	1000	104.416666667		04/14/2010 10:00	14.4324	0.2322	13.53	47.8294	104.8855953	104.901745	0.166555	104.912169	
2010	104	1100	104.458333333		04/14/2010 11:00	14.6344	0.2350	13.48	47.8227	104.8876545	104.903804	0.168581	104.914195	
2010	104	1200	104.500000000		04/14/2010 12:00	15.1184	0.2417	13.46	47.8065	104.8925885	104.908738	0.173434	104.919048	
2010	104	1300	104.541666667		04/14/2010 13:00	14.5184	0.2334	13.44	47.8265	104.886472	104.902622	0.167418	104.913032	
2010	104	1400	104.583333333		04/14/2010 14:00	13.5834	0.2203	13.42	47.8578	104.8769404	104.893090	0.158043	104.903657	
2010	104	1500	104.625000000		04/14/2010 15:00	14.2194	0.2292	13.39	47.8365	104.8834239	104.899574	0.164420	104.910034	
2010	104	1600	104.666666667		04/14/2010 16:00	14.3364	0.2308	13.39	47.8326	104.8846167	104.900766	0.165593	104.911207	
2010	104	1700	104.708333333		04/14/2010 17:00	14.2224	0.2292	13.4	47.8364	104.8834545	104.899604	0.164450	104.910064	
2010	104	1800	104.750000000		04/14/2010 18:00	14.7444	0.2365	13.4	47.8190	104.8887759	104.904926	0.169684	104.915298	
2010	104	1900	104.791666667		04/14/2010 19:00	14.4604	0.2325	13.2	47.8285	104.8858808	104.902031	0.166836	104.912450	
2010	104	2000	104.833333333		04/14/2010 20:00	14.5364	0.2336	13.09	47.8259	104.8866555	104.902805	0.167598	104.913212	
2010	104	2100	104.875000000		04/14/2010 21:00	14.3254	0.2307	13.01	47.8330	104.8845045	104.900654	0.165483	104.911097	
2010	104	2200	104.916666667		04/14/2010 22:00	14.3834	0.2315	12.94	47.8311	104.8850958	104.901246	0.166064	104.911678	
2010	104	2300	104.958333333		04/14/2010 23:00	14.1684	0.2285	12.88	47.8382	104.882904	104.899054	0.163908	104.909522	
2010	104	2400	105.000000000		04/15/2010 0:00	14.3294	0.2307	12.81	47.8329	104.8845453	104.900695	0.165523	104.911137	
2010	105	100	105.041666667		04/15/2010 1:00	14.2984	0.2303	12.75	47.8339	104.8842293	104.900379	0.165212	104.910826	
2010	105	200	105.083333333		04/15/2010 2:00	14.4834	0.2329	12.7	47.8277	104.8861152	104.902265	0.167067	104.912681	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	105	300	105.125000000		04/15/2010 3:00	14.0634	0.2270	12.65	47.8418	104.8818336	104.897983	0.162856	104.908470	
2010	105	400	105.166666667		04/15/2010 4:00	14.1534	0.2283	12.6	47.8387	104.8827511	104.898901	0.163758	104.909372	
2010	105	500	105.208333333		04/15/2010 5:00	13.9544	0.2255	12.57	47.8454	104.8807225	104.896872	0.161763	104.907377	
2010	105	600	105.250000000		04/15/2010 6:00	14.0094	0.2262	12.74	47.8436	104.8812832	104.897433	0.162314	104.907928	
2010	105	700	105.291666667		04/15/2010 7:00	13.9234	0.2250	12.9	47.8464	104.8804065	104.896556	0.161452	104.907066	
2010	105	800	105.333333333		04/15/2010 8:00	14.1674	0.2284	13.68	47.8383	104.8828938	104.899044	0.163898	104.909512	
2010	105	900	105.375000000		04/15/2010 9:00	14.0814	0.2272	13.59	47.8412	104.8820171	104.898167	0.163036	104.908650	
2010	105	1000	105.416666667		04/15/2010 10:00	13.0574	0.2129	13.52	47.8754	104.8715783	104.887728	0.152769	104.898383	
2010	105	1100	105.458333333		04/15/2010 11:00	13.0624	0.2130	13.46	47.8752	104.8716292	104.887779	0.152819	104.898433	
2010	105	1200	105.500000000		04/15/2010 12:00	14.0684	0.2271	13.44	47.8416	104.8818846	104.898034	0.162906	104.908520	
2010	105	1300	105.541666667		04/15/2010 13:00	14.3184	0.2306	13.42	47.8332	104.8844332	104.900583	0.165412	104.911026	
2010	105	1400	105.583333333		04/15/2010 14:00	13.1294	0.2139	13.39	47.8730	104.8723122	104.888462	0.153491	104.899105	
2010	105	1500	105.625000000		04/15/2010 15:00	13.6574	0.2213	13.37	47.8553	104.8776948	104.893845	0.158785	104.904399	
2010	105	1600	105.666666667		04/15/2010 16:00	13.9294	0.2251	13.36	47.8462	104.8804676	104.896617	0.161512	104.907126	
2010	105	1700	105.708333333		04/15/2010 17:00	13.0884	0.2134	13.37	47.8744	104.8718943	104.888044	0.153080	104.898694	
2010	105	1800	105.750000000		04/15/2010 18:00	13.4784	0.2188	13.39	47.8613	104.87587	104.892020	0.156990	104.902604	
2010	105	1900	105.791666667		04/15/2010 19:00	13.5784	0.2202	13.19	47.8580	104.8768894	104.893039	0.157993	104.903607	
2010	105	2000	105.833333333		04/15/2010 20:00	13.2694	0.2159	13.08	47.8683	104.8737394	104.889889	0.154895	104.900509	
2010	105	2100	105.875000000		04/15/2010 21:00	13.3384	0.2169	13	47.8660	104.8744428	104.890593	0.155587	104.901201	
2010	105	2200	105.916666667		04/15/2010 22:00	13.2904	0.2162	12.93	47.8676	104.8739535	104.890103	0.155105	104.900719	
2010	105	2300	105.958333333		04/15/2010 23:00	13.3384	0.2169	12.87	47.8660	104.8744428	104.890593	0.155587	104.901201	
2010	105	2400	106.000000000		04/16/2010 0:00	13.4544	0.2185	12.8	47.8621	104.8756254	104.891775	0.156750	104.902364	
2010	106	100	106.041666667		04/16/2010 1:00	13.2494	0.2156	12.75	47.8690	104.8735356	104.889685	0.154694	104.900308	
2010	106	200	106.083333333		04/16/2010 2:00	13.5914	0.2204	12.69	47.8575	104.877022	104.893172	0.158123	104.903737	
2010	106	300	106.125000000		04/16/2010 3:00	13.3034	0.2164	12.64	47.8672	104.874086	104.890236	0.155236	104.900850	
2010	106	400	106.166666667		04/16/2010 4:00	13.3284	0.2167	12.6	47.8663	104.8743409	104.890491	0.155486	104.901100	
2010	106	500	106.208333333		04/16/2010 5:00	13.4114	0.2179	12.56	47.8636	104.875187	104.891337	0.156318	104.901932	
2010	106	600	106.250000000		04/16/2010 6:00	13.3164	0.2166	13.16	47.8667	104.8742186	104.890368	0.155366	104.900980	
2010	106	700	106.291666667		04/16/2010 7:00	13.0964	0.2135	13.74	47.8741	104.8719758	104.888126	0.153160	104.898774	
2010	106	800	106.333333333		04/16/2010 8:00	12.9474	0.2114	13.65	47.8791	104.8704569	104.886607	0.151666	104.897280	
2010	106	900	106.375000000		04/16/2010 9:00	13.1054	0.2136	13.56	47.8738	104.8720676	104.888217	0.153250	104.898864	
2010	106	1000	106.416666667		04/16/2010 10:00	13.1454	0.2142	13.48	47.8725	104.8724754	104.888625	0.153651	104.899265	
2010	106	1100	106.458333333		04/16/2010 11:00	13.6634	0.2214	13.42	47.8551	104.877756	104.893906	0.158845	104.904459	
2010	106	1200	106.500000000		04/16/2010 12:00	12.7354	0.2084	13.39	47.8862	104.8682957	104.884446	0.149541	104.895155	
2010	106	1300	106.541666667		04/16/2010 13:00	13.2334	0.2154	13.35	47.8695	104.8733724	104.889522	0.154534	104.900148	
2010	106	1400	106.583333333		04/16/2010 14:00	13.3364	0.2168	13.31	47.8661	104.8744224	104.890572	0.155567	104.901181	
2010	106	1500	106.625000000		04/16/2010 15:00	13.4114	0.2179	13.32	47.8636	104.875187	104.891337	0.156318	104.901932	
2010	106	1600	106.666666667		04/16/2010 16:00	13.4944	0.2190	13.33	47.8608	104.8760331	104.892183	0.157151	104.902765	
2010	106	1700	106.708333333		04/16/2010 17:00	13.4464	0.2184	13.33	47.8624	104.8755438	104.891694	0.156669	104.902283	
2010	106	1800	106.750000000		04/16/2010 18:00	13.4094	0.2179	13.25	47.8636	104.8751666	104.891316	0.156298	104.901912	
2010	106	1900	106.791666667		04/16/2010 19:00	13.3834	0.2175	13.09	47.8645	104.8749016	104.891051	0.156038	104.901652	
2010	106	2000	106.833333333		04/16/2010 20:00	13.3124	0.2165	12.99	47.8669	104.8741778	104.890328	0.155326	104.900940	
2010	106	2100	106.875000000		04/16/2010 21:00	13.3574	0.2171	12.91	47.8654	104.8746365	104.890786	0.155777	104.901391	
2010	106	2200	106.916666667		04/16/2010 22:00	13.5464	0.2198	12.84	47.8590	104.8765632	104.892713	0.157672	104.903286	
2010	106	2300	106.958333333		04/16/2010 23:00	13.5764	0.2202	12.78	47.8580	104.8768691	104.893019	0.157973	104.903587	
2010	106	2400	107.000000000		04/17/2010 0:00	13.5434	0.2197	12.73	47.8591	104.8765327	104.892682	0.157642	104.903256	
2010	107	100	107.041666667		04/17/2010 1:00	13.3174	0.2166	12.68	47.8667	104.8742288	104.890379	0.155376	104.900990	
2010	107	200	107.083333333		04/17/2010 2:00	13.5164	0.2194	12.64	47.8600	104.8762574	104.892407	0.157371	104.902985	
2010	107	300	107.125000000		04/17/2010 3:00	13.6354	0.2210	12.61	47.8561	104.8774705	104.893620	0.158564	104.904178	
2010	107	400	107.166666667		04/17/2010 4:00	13.5514	0.2198	12.6	47.8589	104.8766142	104.892764	0.157722	104.903336	
2010	107	500	107.208333333		04/17/2010 5:00	13.3244	0.2167	12.59	47.8665	104.8743001	104.890450	0.155446	104.901060	
2010	107	600	107.250000000		04/17/2010 6:00	13.0774	0.2132	13.51	47.8747	104.8717821	104.887932	0.152970	104.898584	
2010	107	700	107.291666667		04/17/2010 7:00	13.4044	0.2178	13.59	47.8638	104.8751157	104.891265	0.156248	104.901862	
2010	107	800	107.333333333		04/17/2010 8:00	13.2934	0.2162	13.54	47.8675	104.8739841	104.890134	0.155135	104.900749	
2010	107	900	107.375000000		04/17/2010 9:00	13.3814	0.2175	13.48	47.8646	104.8748812	104.891031	0.156018	104.901632	
2010	107	1000	107.416666667		04/17/2010 10:00	12.3904	0.2036	13.42	47.8977	104.8647787	104.880929	0.146082	104.891696	
2010	107	1100	107.458333333		04/17/2010 11:00	13.6464	0.2212	13.37	47.8557	104.8775827	104.893732	0.158675	104.904289	
2010	107	1200	107.500000000		04/17/2010 12:00	13.9314	0.2252	13.35	47.8462	104.880488	104.896638	0.161532	104.907146	
2010	107	1300	107.541666667		04/17/2010 13:00	12.9174	0.2110	13.33	47.8801	104.8701511	104.886301	0.151365	104.896979	
2010	107	1400	107.583333333		04/17/2010 14:00	13.8924	0.2246	13.31	47.8475	104.8800904	104.896240	0.161141	104.906755	
2010	107	1500	107.625000000		04/17/2010 15:00	13.3444	0.2169	13.32	47.8658	104.874504	104.890654	0.155647	104.901261	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	107	1600	107.666666667		04/17/2010 16:00	14.1304	0.2279	13.33	47.8395	104.8825167	104.898666	0.163527	104.909141	
2010	107	1700	107.708333333		04/17/2010 17:00	14.0964	0.2275	13.34	47.8406	104.8821701	104.898320	0.163187	104.908801	
2010	107	1800	107.750000000		04/17/2010 18:00	14.0354	0.2266	13.35	47.8427	104.8815482	104.897698	0.162575	104.908189	
2010	107	1900	107.791666667		04/17/2010 19:00	13.8304	0.2237	13.17	47.8495	104.8794584	104.895608	0.160520	104.906134	
2010	107	2000	107.833333333		04/17/2010 20:00	13.8044	0.2234	13.05	47.8504	104.8791933	104.895343	0.160259	104.905873	
2010	107	2100	107.875000000		04/17/2010 21:00	13.9054	0.2248	12.96	47.8470	104.880223	104.896373	0.161272	104.906886	
2010	107	2200	107.916666667		04/17/2010 22:00	14.1124	0.2277	12.89	47.8401	104.8823332	104.898483	0.163347	104.908961	
2010	107	2300	107.958333333		04/17/2010 23:00	14.1094	0.2276	12.82	47.8402	104.8823026	104.898452	0.163317	104.908931	
2010	107	2400	108.000000000		04/18/2010 0:00	13.9164	0.2249	12.76	47.8467	104.8803351	104.896485	0.161382	104.906996	
2010	108	100	108.041666667		04/18/2010 1:00	14.0634	0.2270	12.71	47.8418	104.8818336	104.897983	0.162856	104.908470	
2010	108	200	108.083333333		04/18/2010 2:00	14.1144	0.2277	12.66	47.8400	104.8823536	104.898503	0.163367	104.908981	
2010	108	300	108.125000000		04/18/2010 3:00	14.1244	0.2278	12.62	47.8397	104.8824555	104.898605	0.163467	104.909081	
2010	108	400	108.166666667		04/18/2010 4:00	13.8744	0.2244	12.59	47.8481	104.8799069	104.896057	0.160961	104.906575	
2010	108	500	108.208333333		04/18/2010 5:00	14.1944	0.2288	12.58	47.8374	104.8831691	104.899319	0.164169	104.909783	
2010	108	600	108.250000000		04/18/2010 6:00	13.5544	0.2199	13.22	47.8588	104.8766448	104.892795	0.157752	104.903366	
2010	108	700	108.291666667		04/18/2010 7:00	13.3104	0.2165	13.69	47.8669	104.8741574	104.890307	0.155306	104.900920	
2010	108	800	108.333333333		04/18/2010 8:00	13.1644	0.2144	13.59	47.8718	104.872669	104.888819	0.153842	104.899456	
2010	108	900	108.375000000		04/18/2010 9:00	13.6294	0.2209	13.5	47.8563	104.8774094	104.893559	0.158504	104.904118	
2010	108	1000	108.416666667		04/18/2010 10:00	12.4514	0.2045	13.44	47.8957	104.8654006	104.881550	0.146693	104.892307	
2010	108	1100	108.458333333		04/18/2010 11:00	13.3024	0.2164	13.39	47.8672	104.8740758	104.890226	0.155226	104.900840	
2010	108	1200	108.500000000		04/18/2010 12:00	14.0234	0.2264	13.39	47.8431	104.8814259	104.897576	0.162455	104.908069	
2010	108	1300	108.541666667		04/18/2010 13:00	12.8784	0.2104	13.36	47.8814	104.8697535	104.885903	0.150974	104.896588	
2010	108	1400	108.583333333		04/18/2010 14:00	12.8514	0.2101	13.33	47.8823	104.8694783	104.885628	0.150704	104.896318	
2010	108	1500	108.625000000		04/18/2010 15:00	13.4884	0.2190	13.32	47.8610	104.875972	104.892122	0.157091	104.902705	
2010	108	1600	108.666666667		04/18/2010 16:00	13.5824	0.2203	13.31	47.8578	104.8769302	104.893080	0.158033	104.903647	
2010	108	1700	108.708333333		04/18/2010 17:00	14.0544	0.2269	13.33	47.8421	104.8817419	104.897892	0.162765	104.908379	
2010	108	1800	108.750000000		04/18/2010 18:00	13.7084	0.2220	13.37	47.8536	104.8782147	104.894365	0.159296	104.904910	
2010	108	1900	108.791666667		04/18/2010 19:00	13.6314	0.2210	13.16	47.8562	104.8774297	104.893580	0.158524	104.904138	
2010	108	2000	108.833333333		04/18/2010 20:00	13.4884	0.2190	13.04	47.8610	104.875972	104.892122	0.157091	104.902705	
2010	108	2100	108.875000000		04/18/2010 21:00	13.7944	0.2232	12.95	47.8507	104.8790914	104.895241	0.160159	104.905773	
2010	108	2200	108.916666667		04/18/2010 22:00	13.7554	0.2227	12.89	47.8521	104.8786938	104.894844	0.159768	104.905382	
2010	108	2300	108.958333333		04/18/2010 23:00	13.6704	0.2215	12.82	47.8549	104.8778273	104.893977	0.158915	104.904529	
2010	108	2400	109.000000000		04/19/2010 0:00	13.6554	0.2213	12.76	47.8554	104.8776744	104.893824	0.158765	104.904379	
2010	109	100	109.041666667		04/19/2010 1:00	13.5164	0.2194	12.71	47.8600	104.8762574	104.892407	0.157371	104.902985	
2010	109	200	109.083333333		04/19/2010 2:00	13.6694	0.2215	12.67	47.8549	104.8778171	104.893967	0.158905	104.904519	
2010	109	300	109.125000000		04/19/2010 3:00	13.5604	0.2200	12.63	47.8586	104.876706	104.892856	0.157812	104.903426	
2010	109	400	109.166666667		04/19/2010 4:00	13.7724	0.2229	12.61	47.8515	104.8788671	104.895017	0.159938	104.905552	
2010	109	500	109.208333333		04/19/2010 5:00	13.6424	0.2211	12.6	47.8558	104.8775419	104.893692	0.158635	104.904249	
2010	109	600	109.250000000		04/19/2010 6:00	13.0864	0.2133	13.65	47.8744	104.8718739	104.888024	0.153060	104.898674	
2010	109	700	109.291666667		04/19/2010 7:00	13.4564	0.2185	13.61	47.8621	104.8756458	104.891796	0.156770	104.902384	
2010	109	800	109.333333333		04/19/2010 8:00	13.3764	0.2174	13.56	47.8647	104.8748302	104.890980	0.155968	104.901582	
2010	109	900	109.375000000		04/19/2010 9:00	12.5234	0.2055	13.5	47.8933	104.8661345	104.882284	0.147415	104.893029	
2010	109	1000	109.416666667		04/19/2010 10:00	13.0644	0.2130	13.44	47.8752	104.8716496	104.887799	0.152839	104.898453	
2010	109	1100	109.458333333		04/19/2010 11:00	13.2544	0.2157	13.38	47.8688	104.8735865	104.889736	0.154744	104.900358	
2010	109	1200	109.500000000		04/19/2010 12:00	12.8434	0.2099	13.36	47.8826	104.8693967	104.885547	0.150623	104.896237	
2010	109	1300	109.541666667		04/19/2010 13:00	13.6804	0.2216	13.33	47.8546	104.8779293	104.894079	0.159016	104.904630	
2010	109	1400	109.583333333		04/19/2010 14:00	14.4904	0.2330	13.29	47.8275	104.8861866	104.902336	0.167137	104.912751	
2010	109	1500	109.625000000		04/19/2010 15:00	13.0344	0.2126	13.26	47.8762	104.8713438	104.887494	0.152539	104.898153	
2010	109	1600	109.666666667		04/19/2010 16:00	13.3574	0.2171	13.26	47.8654	104.8746365	104.890786	0.155777	104.901391	
2010	109	1700	109.708333333		04/19/2010 17:00	13.3924	0.2176	13.27	47.8642	104.8749933	104.891143	0.156128	104.901742	
2010	109	1800	109.750000000		04/19/2010 18:00	13.2734	0.2160	13.3	47.8682	104.8737802	104.889930	0.154935	104.900549	
2010	109	1900	109.791666667		04/19/2010 19:00	13.3274	0.2167	13.11	47.8664	104.8743307	104.890481	0.155476	104.901090	
2010	109	2000	109.833333333		04/19/2010 20:00	13.5514	0.2198	12.98	47.8589	104.8766142	104.892764	0.157722	104.903336	
2010	109	2100	109.875000000		04/19/2010 21:00	13.1304	0.2140	12.89	47.8730	104.8723224	104.888472	0.153501	104.899115	
2010	109	2200	109.916666667		04/19/2010 22:00	13.1094	0.2137	12.84	47.8737	104.8721084	104.888258	0.153291	104.898905	
2010	109	2300	109.958333333		04/19/2010 23:00	13.2864	0.2161	12.78	47.8677	104.8739127	104.890063	0.155065	104.900679	
2010	109	2400	110.000000000		04/20/2010 0:00	13.2854	0.2161	12.72	47.8678	104.8739025	104.890052	0.155055	104.900669	
2010	110	100	110.041666667		04/20/2010 1:00	13.1574	0.2143	12.68	47.8721	104.8725977	104.888748	0.153772	104.899386	
2010	110	200	110.083333333		04/20/2010 2:00	13.0934	0.2134	12.66	47.8742	104.8719453	104.888095	0.153130	104.898744	
2010	110	300	110.125000000		04/20/2010 3:00	13.1064	0.2136	12.65	47.8738	104.8720778	104.888228	0.153260	104.898874	
2010	110	400	110.166666667		04/20/2010 4:00	13.5854	0.2203	12.64	47.8577	104.8769608	104.893111	0.158063	104.903677	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	110	500	110.208333333		04/20/2010 5:00	13.5104	0.2193	12.63	47.8602	104.8761962	104.892346	0.157311	104.902925	
2010	110	600	110.250000000		04/20/2010 6:00	13.6154	0.2207	13.55	47.8567	104.8772666	104.893416	0.158364	104.903978	
2010	110	700	110.291666667		04/20/2010 7:00	13.6074	0.2206	13.5	47.8570	104.8771851	104.893335	0.158284	104.903898	
2010	110	800	110.333333333		04/20/2010 8:00	13.4474	0.2184	13.45	47.8624	104.875554	104.891704	0.156679	104.902293	
2010	110	900	110.375000000		04/20/2010 9:00	14.8754	0.2383	13.39	47.8146	104.8901114	104.906261	0.170997	104.916611	
2010	110	1000	110.416666667		04/20/2010 10:00	13.7874	0.2231	13.37	47.8510	104.87902	104.895170	0.160088	104.905702	
2010	110	1100	110.458333333		04/20/2010 11:00	13.6004	0.2205	13.34	47.8572	104.8771137	104.893264	0.158213	104.903827	
2010	110	1200	110.500000000		04/20/2010 12:00	14.1344	0.2280	13.31	47.8394	104.8825574	104.898707	0.163568	104.909182	
2010	110	1300	110.541666667		04/20/2010 13:00	13.7834	0.2231	13.31	47.8511	104.8789793	104.895129	0.160048	104.905662	
2010	110	1400	110.583333333		04/20/2010 14:00	15.2014	0.2429	13.3	47.8037	104.8934347	104.909584	0.174266	104.919880	
2010	110	1500	110.625000000		04/20/2010 15:00	14.9944	0.2400	13.33	47.8106	104.8913245	104.907474	0.172190	104.917804	
2010	110	1600	110.666666667		04/20/2010 16:00	14.6274	0.2349	13.33	47.8229	104.8875832	104.903733	0.168511	104.914125	
2010	110	1700	110.708333333		04/20/2010 17:00	15.1834	0.2426	13.35	47.8043	104.8932512	104.909401	0.174085	104.919699	
2010	110	1800	110.750000000		04/20/2010 18:00	15.3914	0.2456	13.25	47.7973	104.8953716	104.911521	0.176171	104.921785	
2010	110	1900	110.791666667		04/20/2010 19:00	15.4044	0.2457	13.09	47.7969	104.8955041	104.911654	0.176301	104.921915	
2010	110	2000	110.833333333		04/20/2010 20:00	15.5564	0.2479	13	47.7918	104.8970536	104.913203	0.177825	104.923439	
2010	110	2100	110.875000000		04/20/2010 21:00	15.8574	0.2521	12.92	47.7818	104.9001221	104.916272	0.180843	104.926457	
2010	110	2200	110.916666667		04/20/2010 22:00	16.0254	0.2544	12.85	47.7761	104.9018347	104.917985	0.182527	104.928141	
2010	110	2300	110.958333333		04/20/2010 23:00	16.1804	0.2566	12.79	47.7709	104.9034148	104.919565	0.184082	104.929696	
2010	110	2400	111.000000000		04/21/2010 0:00	16.3544	0.2590	12.74	47.7651	104.9051886	104.921338	0.185826	104.931440	
2010	111	100	111.041666667		04/21/2010 1:00	16.3994	0.2596	12.69	47.7636	104.9056473	104.921797	0.186277	104.931891	
2010	111	200	111.083333333		04/21/2010 2:00	16.6704	0.2634	12.65	47.7546	104.90841	104.924560	0.188995	104.934609	
2010	111	300	111.125000000		04/21/2010 3:00	16.7574	0.2646	12.63	47.7517	104.9092969	104.925447	0.189867	104.935481	
2010	111	400	111.166666667		04/21/2010 4:00	16.9454	0.2673	12.63	47.7454	104.9112134	104.927363	0.191752	104.937366	
2010	111	500	111.208333333		04/21/2010 5:00	17.2064	0.2709	12.62	47.7366	104.9138741	104.930024	0.194369	104.939983	
2010	111	600	111.250000000		04/21/2010 6:00	17.4194	0.2739	13.61	47.7295	104.9160454	104.932195	0.196504	104.942118	
2010	111	700	111.291666667		04/21/2010 7:00	17.2904	0.2721	13.63	47.7338	104.9147304	104.930880	0.195211	104.940825	
2010	111	800	111.333333333		04/21/2010 8:00	17.4454	0.2743	13.61	47.7286	104.9163105	104.932460	0.196765	104.942379	
2010	111	900	111.375000000		04/21/2010 9:00	17.3624	0.2731	13.58	47.7314	104.9154644	104.931614	0.195933	104.941547	
2010	111	1000	111.416666667		04/21/2010 10:00	17.6824	0.2776	13.54	47.7207	104.9187265	104.934876	0.199141	104.944755	
2010	111	1100	111.458333333		04/21/2010 11:00	17.8014	0.2792	13.5	47.7167	104.9199396	104.936089	0.200334	104.945948	
2010	111	1200	111.500000000		04/21/2010 12:00	18.4174	0.2878	13.48	47.6961	104.9262193	104.942369	0.206511	104.952125	
2010	111	1300	111.541666667		04/21/2010 13:00	17.7444	0.2784	13.46	47.7186	104.9193586	104.935508	0.199763	104.945377	
2010	111	1400	111.583333333		04/21/2010 14:00	17.7114	0.2780	13.43	47.7197	104.9190222	104.935172	0.199432	104.945046	
2010	111	1500	111.625000000		04/21/2010 15:00	18.7754	0.2928	13.42	47.6842	104.9298688	104.946019	0.210100	104.955714	
2010	111	1600	111.666666667		04/21/2010 16:00	18.1704	0.2844	13.43	47.7044	104.9237013	104.939851	0.204034	104.949648	
2010	111	1700	111.708333333		04/21/2010 17:00	18.5014	0.2890	13.43	47.6933	104.9270756	104.943225	0.207353	104.952967	
2010	111	1800	111.750000000		04/21/2010 18:00	18.5004	0.2890	13.46	47.6934	104.9270654	104.943215	0.207343	104.952957	
2010	111	1900	111.791666667		04/21/2010 19:00	18.5244	0.2893	13.31	47.6926	104.9273101	104.943460	0.207583	104.953197	
2010	111	2000	111.833333333		04/21/2010 20:00	18.4964	0.2889	13.17	47.6935	104.9270246	104.943174	0.207303	104.952917	
2010	111	2100	111.875000000		04/21/2010 21:00	18.8314	0.2936	13.08	47.6823	104.9304397	104.946590	0.210662	104.956276	
2010	111	2200	111.916666667		04/21/2010 22:00	19.0524	0.2967	13.01	47.6749	104.9326926	104.948842	0.212877	104.958491	
2010	111	2300	111.958333333		04/21/2010 23:00	18.9684	0.2955	12.94	47.6777	104.9318363	104.947986	0.212035	104.957649	
2010	111	2400	112.000000000		04/22/2010 0:00	19.0254	0.2963	12.87	47.6758	104.9324174	104.948567	0.212607	104.958221	
2010	112	100	112.041666667		04/22/2010 1:00	19.2864	0.3000	12.82	47.6671	104.9350781	104.951228	0.215224	104.960838	
2010	112	200	112.083333333		04/22/2010 2:00	19.4414	0.3022	12.77	47.6619	104.9366582	104.952808	0.216778	104.962392	
2010	112	300	112.125000000		04/22/2010 3:00	19.6434	0.3050	12.72	47.6551	104.9387174	104.954867	0.218803	104.964417	
2010	112	400	112.166666667		04/22/2010 4:00	19.8444	0.3078	12.68	47.6484	104.9407664	104.956916	0.220818	104.966432	
2010	112	500	112.208333333		04/22/2010 5:00	19.9384	0.3091	12.65	47.6453	104.9417247	104.957875	0.221761	104.967375	
2010	112	600	112.250000000		04/22/2010 6:00	20.1164	0.3116	12.86	47.6393	104.9435393	104.959689	0.223545	104.969159	
2010	112	700	112.291666667		04/22/2010 7:00	20.3174	0.3144	13.56	47.6326	104.9455883	104.961738	0.225561	104.971175	
2010	112	800	112.333333333		04/22/2010 8:00	20.5914	0.3182	13.62	47.6234	104.9483815	104.964531	0.228308	104.973922	
2010	112	900	112.375000000		04/22/2010 9:00	20.7104	0.3199	13.54	47.6194	104.9495946	104.965744	0.229501	104.975115	
2010	112	1000	112.416666667		04/22/2010 10:00	19.8144	0.3074	13.48	47.6494	104.9404606	104.956610	0.220517	104.966131	
2010	112	1100	112.458333333		04/22/2010 11:00	20.8204	0.3214	13.43	47.6158	104.950716	104.966866	0.230604	104.976218	
2010	112	1200	112.500000000		04/22/2010 12:00	20.9074	0.3226	13.42	47.6129	104.9516029	104.967753	0.231476	104.977090	
2010	112	1300	112.541666667		04/22/2010 13:00	21.0034	0.3240	13.39	47.6096	104.9525815	104.968731	0.232439	104.978053	
2010	112	1400	112.583333333		04/22/2010 14:00	22.6424	0.3469	13.33	47.5548	104.9692899	104.985440	0.248872	104.994486	
2010	112	1500	112.625000000		04/22/2010 15:00	22.1614	0.3402	13.33	47.5709	104.9643864	104.980536	0.244049	104.989663	
2010	112	1600	112.666666667		04/22/2010 16:00	22.2184	0.3410	13.33	47.5690	104.9649675	104.981117	0.244621	104.990235	
2010	112	1700	112.708333333		04/22/2010 17:00	21.9214	0.3368	13.35	47.5789	104.9619398	104.978090	0.241643	104.987257	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	112	1800	112.750000000		04/22/2010 18:00	22.6514	0.3470	13.39	47.5545	104.9693816	104.985531	0.248962	104.994576	
2010	112	1900	112.791666667		04/22/2010 19:00	22.7804	0.3488	13.21	47.5502	104.9706967	104.986846	0.250256	104.995870	
2010	112	2000	112.833333333		04/22/2010 20:00	22.9784	0.3516	13.1	47.5436	104.9727151	104.988865	0.252241	104.997855	
2010	112	2100	112.875000000		04/22/2010 21:00	23.1694	0.3543	13.01	47.5372	104.9746622	104.990812	0.254156	104.999770	
2010	112	2200	112.916666667		04/22/2010 22:00	23.5254	0.3592	12.93	47.5253	104.9782913	104.994441	0.257725	105.003339	
2010	112	2300	112.958333333		04/22/2010 23:00	23.6544	0.3610	12.87	47.5210	104.9796064	104.995756	0.259019	105.004633	
2010	112	2400	113.000000000		04/23/2010 0:00	23.8184	0.3633	12.81	47.5155	104.9812783	104.997428	0.260663	105.006277	
2010	113	100	113.041666667		04/23/2010 1:00	24.0744	0.3669	12.75	47.5069	104.983888	105.000038	0.263230	105.008844	
2010	113	200	113.083333333		04/23/2010 2:00	24.2564	0.3694	12.7	47.5008	104.9857433	105.001893	0.265055	105.010669	
2010	113	300	113.125000000		04/23/2010 3:00	24.4314	0.3719	12.65	47.4950	104.9875273	105.003677	0.266809	105.012423	
2010	113	400	113.166666667		04/23/2010 4:00	24.5864	0.3741	12.61	47.4898	104.9891074	105.005257	0.268363	105.013977	
2010	113	500	113.208333333		04/23/2010 5:00	24.7004	0.3757	12.57	47.4860	104.9902696	105.006419	0.269506	105.015120	
2010	113	600	113.250000000		04/23/2010 6:00	24.8424	0.3776	13.75	47.4812	104.9917171	105.007867	0.270930	105.016544	
2010	113	700	113.291666667		04/23/2010 7:00	24.8504	0.3777	13.69	47.4810	104.9917987	105.007949	0.271010	105.016624	
2010	113	800	113.333333333		04/23/2010 8:00	25.0644	0.3807	13.61	47.4738	104.9939803	105.010130	0.273156	105.018770	
2010	113	900	113.375000000		04/23/2010 9:00	25.0764	0.3809	13.54	47.4734	104.9941026	105.010252	0.273276	105.018890	
2010	113	1000	113.416666667		04/23/2010 10:00	25.6684	0.3892	13.48	47.4536	105.0001376	105.016287	0.279212	105.024826	
2010	113	1100	113.458333333		04/23/2010 11:00	26.5674	0.4017	13.46	47.4235	105.0093022	105.025452	0.288226	105.033840	
2010	113	1200	113.500000000		04/23/2010 12:00	24.9914	0.3797	13.46	47.4763	104.9932361	105.009386	0.272424	105.018038	
2010	113	1300	113.541666667		04/23/2010 13:00	26.9574	0.4072	13.44	47.4105	105.0132779	105.029428	0.292136	105.037750	
2010	113	1400	113.583333333		04/23/2010 14:00	26.4314	0.3998	13.41	47.4281	105.0079157	105.024066	0.286862	105.032476	
2010	113	1500	113.625000000		04/23/2010 15:00	26.4674	0.4003	13.38	47.4269	105.0082827	105.024433	0.287223	105.032837	
2010	113	1600	113.666666667		04/23/2010 16:00	27.1944	0.4105	13.37	47.4026	105.0156939	105.031844	0.294512	105.040126	
2010	113	1700	113.708333333		04/23/2010 17:00	27.3644	0.4129	13.41	47.3969	105.017427	105.033577	0.296217	105.041831	
2010	113	1800	113.750000000		04/23/2010 18:00	27.6784	0.4173	13.43	47.3864	105.0206279	105.036778	0.299365	105.044979	
2010	113	1900	113.791666667		04/23/2010 19:00	27.9614	0.4212	13.22	47.3769	105.0235129	105.039663	0.302203	105.047817	
2010	113	2000	113.833333333		04/23/2010 20:00	28.1384	0.4237	13.1	47.3710	105.0253173	105.041467	0.303977	105.049591	
2010	113	2100	113.875000000		04/23/2010 21:00	28.3524	0.4267	13.02	47.3638	105.0274988	105.043649	0.306123	105.051737	
2010	113	2200	113.916666667		04/23/2010 22:00	28.8384	0.4335	12.95	47.3476	105.0324532	105.048603	0.310996	105.056610	
2010	113	2300	113.958333333		04/23/2010 23:00	28.8494	0.4336	12.88	47.3472	105.0325654	105.048715	0.311106	105.056720	
2010	113	2400	114.000000000		04/24/2010 0:00	29.2044	0.4386	12.82	47.3354	105.0361843	105.052334	0.314665	105.060279	
2010	114	100	114.041666667		04/24/2010 1:00	29.5334	0.4432	12.77	47.3243	105.0395382	105.055688	0.317964	105.063578	
2010	114	200	114.083333333		04/24/2010 2:00	29.9234	0.4486	12.71	47.3113	105.043514	105.059664	0.321874	105.067488	
2010	114	300	114.125000000		04/24/2010 3:00	30.1854	0.4523	12.67	47.3025	105.0461848	105.062335	0.324501	105.070115	
2010	114	400	114.166666667		04/24/2010 4:00	30.4214	0.4556	12.63	47.2946	105.0485907	105.064741	0.326867	105.072481	
2010	114	500	114.208333333		04/24/2010 5:00	30.6564	0.4589	12.6	47.2868	105.0509863	105.067136	0.329224	105.074838	
2010	114	600	114.250000000		04/24/2010 6:00	30.6374	0.4586	13.69	47.2874	105.0507926	105.066942	0.329033	105.074647	
2010	114	700	114.291666667		04/24/2010 7:00	30.8994	0.4623	13.69	47.2787	105.0534635	105.069613	0.331660	105.077274	
2010	114	800	114.333333333		04/24/2010 8:00	30.7424	0.4601	13.63	47.2839	105.051863	105.068013	0.330086	105.075700	
2010	114	900	114.375000000		04/24/2010 9:00	31.3214	0.4682	13.58	47.2645	105.0577655	105.073915	0.335891	105.081505	
2010	114	1000	114.416666667		04/24/2010 10:00	31.9604	0.4771	13.52	47.2432	105.0642796	105.080429	0.342298	105.087912	
2010	114	1100	114.458333333		04/24/2010 11:00	32.3044	0.4819	13.5	47.2317	105.0677864	105.083936	0.345747	105.091361	
2010	114	1200	114.500000000		04/24/2010 12:00	32.4054	0.4833	13.48	47.2283	105.068816	105.084966	0.346760	105.092374	
2010	114	1300	114.541666667		04/24/2010 13:00	32.4554	0.4840	13.46	47.2266	105.0693257	105.085476	0.347261	105.092875	
2010	114	1400	114.583333333		04/24/2010 14:00	33.2484	0.4951	13.45	47.2001	105.0774097	105.093560	0.355212	105.100826	
2010	114	1500	114.625000000		04/24/2010 15:00	33.0604	0.4925	13.45	47.2064	105.0754932	105.091643	0.353327	105.098941	
2010	114	1600	114.666666667		04/24/2010 16:00	33.1314	0.4935	13.45	47.2040	105.076217	105.092367	0.354039	105.099653	
2010	114	1700	114.708333333		04/24/2010 17:00	33.6044	0.5001	13.46	47.1882	105.0810389	105.097189	0.358781	105.104395	
2010	114	1800	114.750000000		04/24/2010 18:00	34.0864	0.5068	13.48	47.1721	105.0859525	105.102102	0.363614	105.109228	
2010	114	1900	114.791666667		04/24/2010 19:00	34.1124	0.5072	13.31	47.1712	105.0862175	105.102367	0.363875	105.109489	
2010	114	2000	114.833333333		04/24/2010 20:00	34.3324	0.5103	13.18	47.1638	105.0884603	105.104610	0.366081	105.111695	
2010	114	2100	114.875000000		04/24/2010 21:00	33.9824	0.5054	13.1	47.1756	105.0848923	105.101042	0.362571	105.108185	
2010	114	2200	114.916666667		04/24/2010 22:00	34.4974	0.5126	13.01	47.1583	105.0901423	105.106292	0.367735	105.113349	
2010	114	2300	114.958333333		04/24/2010 23:00	34.5404	0.5132	12.95	47.1569	105.0905807	105.106731	0.368166	105.113780	
2010	114	2400	115.000000000		04/25/2010 0:00	34.6454	0.5146	12.88	47.1534	105.0916511	105.107801	0.369219	105.114833	
2010	115	100	115.041666667		04/25/2010 1:00	34.9044	0.5183	12.82	47.1447	105.0942914	105.110441	0.371816	105.117430	
2010	115	200	115.083333333		04/25/2010 2:00	34.9404	0.5188	12.77	47.1435	105.0946584	105.110808	0.372177	105.117791	
2010	115	300	115.125000000		04/25/2010 3:00	35.0044	0.5197	12.72	47.1414	105.0953108	105.111461	0.372818	105.118432	
2010	115	400	115.166666667		04/25/2010 4:00	34.8274	0.5172	12.67	47.1473	105.0935064	105.109656	0.371044	105.116658	
2010	115	500	115.208333333		04/25/2010 5:00	35.2164	0.5226	12.63	47.1343	105.097472	105.113622	0.374944	105.120558	
2010	115	600	115.250000000		04/25/2010 6:00	34.7974	0.5168	13.53	47.1483	105.0932006	105.109350	0.370743	105.116357	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	115	700	115.291666667		04/25/2010 7:00	34.7774	0.5165	13.73	47.1490	105.0929967	105.109147	0.370542	105.116156	
2010	115	800	115.333333333		04/25/2010 8:00	35.2504	0.5231	13.65	47.1331	105.0978186	105.113968	0.375285	105.120899	
2010	115	900	115.375000000		04/25/2010 9:00	35.4044	0.5252	13.58	47.1280	105.0993885	105.115538	0.376829	105.122443	
2010	115	1000	115.416666667		04/25/2010 10:00	34.5814	0.5137	13.53	47.1555	105.0909986	105.107148	0.368577	105.114191	
2010	115	1100	115.458333333		04/25/2010 11:00	35.0124	0.5198	13.49	47.1411	105.0953923	105.111542	0.372899	105.118513	
2010	115	1200	115.500000000		04/25/2010 12:00	35.6724	0.5290	13.48	47.1190	105.1021205	105.118270	0.379516	105.125130	
2010	115	1300	115.541666667		04/25/2010 13:00	35.1534	0.5217	13.46	47.1364	105.0968297	105.112980	0.374312	105.119926	
2010	115	1400	115.583333333		04/25/2010 14:00	35.8494	0.5315	13.43	47.1131	105.1039249	105.120075	0.381291	105.126905	
2010	115	1500	115.625000000		04/25/2010 15:00	35.8744	0.5318	13.42	47.1123	105.1041798	105.120330	0.381541	105.127155	
2010	115	1600	115.666666667		04/25/2010 16:00	35.1904	0.5223	13.44	47.1351	105.0972069	105.113357	0.374683	105.120297	
2010	115	1700	115.708333333		04/25/2010 17:00	35.4484	0.5259	13.46	47.1265	105.099837	105.115987	0.377270	105.122884	
2010	115	1800	115.750000000		04/25/2010 18:00	35.6184	0.5282	13.48	47.1208	105.10157	105.117720	0.378975	105.124589	
2010	115	1900	115.791666667		04/25/2010 19:00	35.5914	0.5279	13.33	47.1217	105.1012948	105.117445	0.378704	105.124318	
2010	115	2000	115.833333333		04/25/2010 20:00	35.4854	0.5264	13.2	47.1253	105.1002142	105.116364	0.377641	105.123255	
2010	115	2100	115.875000000		04/25/2010 21:00	35.4144	0.5254	13.1	47.1277	105.0994904	105.115640	0.376929	105.122543	
2010	115	2200	115.916666667		04/25/2010 22:00	35.2364	0.5229	13.03	47.1336	105.0976759	105.113826	0.375145	105.120759	
2010	115	2300	115.958333333		04/25/2010 23:00	35.3584	0.5246	12.97	47.1295	105.0989195	105.115069	0.376368	105.121982	
2010	115	2400	116.000000000		04/26/2010 0:00	35.0954	0.5209	12.9	47.1383	105.0962385	105.112388	0.373731	105.119345	
2010	116	100	116.041666667		04/26/2010 1:00	34.9064	0.5183	12.84	47.1446	105.0943118	105.110462	0.371836	105.117450	
2010	116	200	116.083333333		04/26/2010 2:00	35.1174	0.5212	12.79	47.1376	105.0964627	105.112613	0.373951	105.119565	
2010	116	300	116.125000000		04/26/2010 3:00	34.9174	0.5184	12.73	47.1443	105.0944239	105.110574	0.371946	105.117560	
2010	116	400	116.166666667		04/26/2010 4:00	34.8694	0.5178	12.68	47.1459	105.0939346	105.110084	0.371465	105.117079	
2010	116	500	116.208333333		04/26/2010 5:00	34.6784	0.5151	12.64	47.1523	105.0919875	105.108137	0.369550	105.115164	
2010	116	600	116.250000000		04/26/2010 6:00	34.4704	0.5122	13.76	47.1592	105.0898671	105.106017	0.367464	105.113078	
2010	116	700	116.291666667		04/26/2010 7:00	34.3284	0.5102	13.73	47.1640	105.0884195	105.104569	0.366041	105.111655	
2010	116	800	116.333333333		04/26/2010 8:00	34.3854	0.5110	13.67	47.1621	105.0890006	105.105150	0.366612	105.112226	
2010	116	900	116.375000000		04/26/2010 9:00	34.4504	0.5119	13.59	47.1599	105.0896632	105.105813	0.367264	105.112878	
2010	116	1000	116.416666667		04/26/2010 10:00	33.9704	0.5052	13.55	47.1760	105.08477	105.100920	0.362451	105.108065	
2010	116	1100	116.458333333		04/26/2010 11:00	33.3204	0.4961	13.48	47.1977	105.0781437	105.094294	0.355934	105.101548	
2010	116	1200	116.500000000		04/26/2010 12:00	34.0764	0.5067	13.44	47.1724	105.0858506	105.102000	0.363514	105.109128	
2010	116	1300	116.541666667		04/26/2010 13:00	33.8404	0.5034	13.42	47.1803	105.0834447	105.099595	0.361148	105.106762	
2010	116	1400	116.583333333		04/26/2010 14:00	34.2674	0.5094	13.41	47.1660	105.0877977	105.103947	0.365429	105.111043	
2010	116	1500	116.625000000		04/26/2010 15:00	34.0774	0.5067	13.41	47.1724	105.0858607	105.102011	0.363524	105.109138	
2010	116	1600	116.666666667		04/26/2010 16:00	33.6384	0.5006	13.43	47.1871	105.0813855	105.097535	0.359122	105.104736	
2010	116	1700	116.708333333		04/26/2010 17:00	33.6474	0.5007	13.44	47.1868	105.0814772	105.097627	0.359213	105.104827	
2010	116	1800	116.750000000		04/26/2010 18:00	33.6744	0.5011	13.33	47.1859	105.0817525	105.097902	0.359483	105.105097	
2010	116	1900	116.791666667		04/26/2010 19:00	33.6374	0.5005	13.18	47.1871	105.0813753	105.097525	0.359112	105.104726	
2010	116	2000	116.833333333		04/26/2010 20:00	33.6394	0.5006	13.08	47.1870	105.0813957	105.097546	0.359132	105.104746	
2010	116	2100	116.875000000		04/26/2010 21:00	33.7244	0.5018	13	47.1842	105.0822622	105.098412	0.359985	105.105599	
2010	116	2200	116.916666667		04/26/2010 22:00	33.5584	0.4994	12.93	47.1897	105.08057	105.096720	0.358320	105.103934	
2010	116	2300	116.958333333		04/26/2010 23:00	33.6764	0.5011	12.86	47.1858	105.0817729	105.097923	0.359503	105.105117	
2010	116	2400	117.000000000		04/27/2010 0:00	33.7704	0.5024	12.8	47.1826	105.0827311	105.098881	0.360446	105.106060	
2010	117	100	117.041666667		04/27/2010 1:00	33.7804	0.5025	12.75	47.1823	105.0828331	105.098983	0.360546	105.106160	
2010	117	200	117.083333333		04/27/2010 2:00	33.9684	0.5052	12.7	47.1760	105.0847496	105.100899	0.362431	105.108045	
2010	117	300	117.125000000		04/27/2010 3:00	34.0874	0.5068	12.65	47.1720	105.0859627	105.102113	0.363624	105.109238	
2010	117	400	117.166666667		04/27/2010 4:00	34.1494	0.5077	12.63	47.1700	105.0865947	105.102745	0.364246	105.109860	
2010	117	500	117.208333333		04/27/2010 5:00	34.3994	0.5112	12.61	47.1616	105.0891433	105.105293	0.366752	105.112366	
2010	117	600	117.250000000		04/27/2010 6:00	34.5654	0.5135	12.7	47.1561	105.0908355	105.106985	0.368417	105.114031	
2010	117	700	117.291666667		04/27/2010 7:00	34.6344	0.5145	13.62	47.1537	105.0915389	105.107689	0.369109	105.114723	
2010	117	800	117.333333333		04/27/2010 8:00	34.7904	0.5167	13.61	47.1485	105.0931292	105.109279	0.370673	105.116287	
2010	117	900	117.375000000		04/27/2010 9:00	35.0384	0.5201	13.61	47.1402	105.0956574	105.111807	0.373159	105.118773	
2010	117	1000	117.416666667		04/27/2010 10:00	34.7494	0.5161	13.59	47.1499	105.0927113	105.108861	0.370262	105.115876	
2010	117	1100	117.458333333		04/27/2010 11:00	34.9294	0.5186	13.55	47.1439	105.0945462	105.110696	0.372066	105.117680	
2010	117	1200	117.500000000		04/27/2010 12:00	35.4264	0.5255	13.53	47.1273	105.0996128	105.115763	0.377050	105.122664	
2010	117	1300	117.541666667		04/27/2010 13:00	36.1464	0.5356	13.5	47.1032	105.1069526	105.123102	0.384269	105.129883	
2010	117	1400	117.583333333		04/27/2010 14:00	34.9864	0.5194	13.44	47.1420	105.0951273	105.111277	0.372638	105.118252	
2010	117	1500	117.625000000		04/27/2010 15:00	36.3224	0.5381	13.42	47.0973	105.1087468	105.124897	0.386033	105.131647	
2010	117	1600	117.666666667		04/27/2010 16:00	35.9454	0.5328	13.41	47.1099	105.1049036	105.121053	0.382253	105.127867	
2010	117	1700	117.708333333		04/27/2010 17:00	36.1324	0.5354	13.43	47.1036	105.1068099	105.122960	0.384128	105.129742	
2010	117	1800	117.750000000		04/27/2010 18:00	36.5234	0.5409	13.38	47.0906	105.1107958	105.126946	0.388048	105.133662	
2010	117	1900	117.791666667		04/27/2010 19:00	36.5674	0.5415	13.22	47.0891	105.1112444	105.127394	0.388490	105.134104	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	117	2000	117.833333333		04/27/2010 20:00	37.2474	0.5510	13.11	47.0664	105.1181764	105.134326	0.395308	105.140922	
2010	117	2100	117.875000000		04/27/2010 21:00	36.6454	0.5426	13.02	47.0865	105.1120395	105.128189	0.389272	105.134886	
2010	117	2200	117.916666667		04/27/2010 22:00	37.0124	0.5477	12.95	47.0742	105.1157808	105.131931	0.392951	105.138565	
2010	117	2300	117.958333333		04/27/2010 23:00	37.1154	0.5492	12.88	47.0708	105.1168308	105.132981	0.393984	105.139598	
2010	117	2400	118.000000000		04/28/2010 0:00	37.2094	0.5505	12.83	47.0676	105.117789	105.133939	0.394927	105.140541	
2010	118	100	118.041666667		04/28/2010 1:00	37.5774	0.5556	12.77	47.0553	105.1215405	105.137690	0.398616	105.144230	
2010	118	200	118.083333333		04/28/2010 2:00	37.8874	0.5599	12.73	47.0449	105.1247007	105.140851	0.401724	105.147338	
2010	118	300	118.125000000		04/28/2010 3:00	38.1774	0.5640	12.67	47.0352	105.127657	105.143807	0.404632	105.150246	
2010	118	400	118.166666667		04/28/2010 4:00	38.3474	0.5664	12.63	47.0296	105.1293901	105.145540	0.406337	105.151951	
2010	118	500	118.208333333		04/28/2010 5:00	38.6174	0.5701	12.63	47.0205	105.1321425	105.148292	0.409044	105.154658	
2010	118	600	118.250000000		04/28/2010 6:00	38.9274	0.5745	13.75	47.0102	105.1353027	105.151453	0.412152	105.157766	
2010	118	700	118.291666667		04/28/2010 7:00	39.2174	0.5785	13.71	47.0005	105.138259	105.154409	0.415060	105.160674	
2010	118	800	118.333333333		04/28/2010 8:00	39.6274	0.5843	13.65	46.9867	105.1424387	105.158588	0.419170	105.164784	
2010	118	900	118.375000000		04/28/2010 9:00	39.6174	0.5841	13.59	46.9871	105.1423367	105.158487	0.419070	105.164684	
2010	118	1000	118.416666667		04/28/2010 10:00	40.0874	0.5907	13.53	46.9714	105.147128	105.163278	0.423783	105.169397	
2010	118	1100	118.458333333		04/28/2010 11:00	39.0274	0.5759	13.5	47.0068	105.1363221	105.152472	0.413155	105.158769	
2010	118	1200	118.500000000		04/28/2010 12:00	39.5174	0.5827	13.47	46.9904	105.1413173	105.157467	0.418068	105.163682	
2010	118	1300	118.541666667		04/28/2010 13:00	40.8774	0.6017	13.46	46.9449	105.1551814	105.171331	0.431703	105.177317	
2010	118	1400	118.583333333		04/28/2010 14:00	40.8074	0.6008	13.5	46.9473	105.1544678	105.170618	0.431002	105.176616	
2010	118	1500	118.625000000		04/28/2010 15:00	41.1274	0.6052	13.51	46.9366	105.15773	105.173880	0.434210	105.179824	
2010	118	1600	118.666666667		04/28/2010 16:00	40.7674	0.6002	13.5	46.9486	105.1540601	105.170210	0.430600	105.176214	
2010	118	1700	118.708333333		04/28/2010 17:00	41.8474	0.6153	13.5	46.9125	105.1650698	105.181220	0.441429	105.187043	
2010	118	1800	118.750000000		04/28/2010 18:00	41.5974	0.6118	13.52	46.9209	105.1625213	105.178671	0.438922	105.184536	
2010	118	1900	118.791666667		04/28/2010 19:00	41.8774	0.6157	13.36	46.9115	105.1653757	105.181525	0.441730	105.187344	
2010	118	2000	118.833333333		04/28/2010 20:00	41.8174	0.6149	13.23	46.9135	105.164764	105.180914	0.441128	105.186742	
2010	118	2100	118.875000000		04/28/2010 21:00	41.9274	0.6164	13.14	46.9098	105.1658854	105.182035	0.442231	105.187845	
2010	118	2200	118.916666667		04/28/2010 22:00	42.0774	0.6185	13.06	46.9048	105.1674145	105.183564	0.443735	105.189349	
2010	118	2300	118.958333333		04/28/2010 23:00	42.2274	0.6206	12.99	46.8998	105.1689436	105.185093	0.445239	105.190853	
2010	118	2400	119.000000000		04/29/2010 0:00	42.2474	0.6209	12.93	46.8991	105.1691475	105.185297	0.445440	105.191054	
2010	119	100	119.041666667		04/29/2010 1:00	42.3174	0.6219	12.87	46.8968	105.1698611	105.186011	0.446141	105.191755	
2010	119	200	119.083333333		04/29/2010 2:00	42.4874	0.6242	12.81	46.8911	105.1715941	105.187744	0.447846	105.193460	
2010	119	300	119.125000000		04/29/2010 3:00	42.5874	0.6256	12.75	46.8878	105.1726136	105.188763	0.448849	105.194463	
2010	119	400	119.166666667		04/29/2010 4:00	42.6474	0.6265	12.71	46.8857	105.1732252	105.189375	0.449450	105.195064	
2010	119	500	119.208333333		04/29/2010 5:00	42.6174	0.6260	12.67	46.8867	105.1729194	105.189069	0.449149	105.194763	
2010	119	600	119.250000000		04/29/2010 6:00	42.6274	0.6262	13.44	46.8864	105.1730213	105.189171	0.449250	105.194864	
2010	119	700	119.291666667		04/29/2010 7:00	42.6474	0.6265	13.69	46.8857	105.1732252	105.189375	0.449450	105.195064	
2010	119	800	119.333333333		04/29/2010 8:00	42.8074	0.6287	13.66	46.8804	105.1748563	105.191006	0.451054	105.196668	
2010	119	900	119.375000000		04/29/2010 9:00	42.5874	0.6256	13.66	46.8878	105.1726136	105.188763	0.448849	105.194463	
2010	119	1000	119.416666667		04/29/2010 10:00	42.7874	0.6284	13.61	46.8811	105.1746524	105.190802	0.450854	105.196468	
2010	119	1100	119.458333333		04/29/2010 11:00	42.6074	0.6259	13.57	46.8871	105.1728174	105.188967	0.449049	105.194663	
2010	119	1200	119.500000000		04/29/2010 12:00	42.6874	0.6270	13.54	46.8844	105.173633	105.189783	0.449851	105.195465	
2010	119	1300	119.541666667		04/29/2010 13:00	42.4874	0.6242	13.53	46.8911	105.1715941	105.187744	0.447846	105.193460	
2010	119	1400	119.583333333		04/29/2010 14:00	42.3574	0.6224	13.52	46.8954	105.1702689	105.186419	0.446542	105.192156	
2010	119	1500	119.625000000		04/29/2010 15:00	42.5674	0.6253	13.51	46.8884	105.1724097	105.188560	0.448648	105.194262	
2010	119	1600	119.666666667		04/29/2010 16:00	42.7474	0.6279	13.5	46.8824	105.1742446	105.190394	0.450453	105.196067	
2010	119	1700	119.708333333		04/29/2010 17:00	42.7374	0.6277	13.52	46.8827	105.1741427	105.190293	0.450352	105.195966	
2010	119	1800	119.750000000		04/29/2010 18:00	42.7274	0.6276	13.39	46.8831	105.1740407	105.190191	0.450252	105.195866	
2010	119	1900	119.791666667		04/29/2010 19:00	42.8774	0.6297	13.27	46.8781	105.1755699	105.191720	0.451756	105.197370	
2010	119	2000	119.833333333		04/29/2010 20:00	42.8074	0.6287	13.17	46.8804	105.1748563	105.191006	0.451054	105.196668	
2010	119	2100	119.875000000		04/29/2010 21:00	42.7974	0.6286	13.07	46.8807	105.1747543	105.190904	0.450954	105.196568	
2010	119	2200	119.916666667		04/29/2010 22:00	42.9474	0.6307	13.01	46.8757	105.1762835	105.192433	0.452458	105.198072	
2010	119	2300	119.958333333		04/29/2010 23:00	42.9074	0.6301	12.93	46.8770	105.1758757	105.192026	0.452057	105.197671	
2010	119	2400	120.000000000		04/30/2010 0:00	43.0274	0.6318	12.87	46.8730	105.177099	105.193249	0.453260	105.198874	
2010	120	100	120.041666667		04/30/2010 1:00	43.1574	0.6336	12.82	46.8687	105.1784243	105.194574	0.454564	105.200178	
2010	120	200	120.083333333		04/30/2010 2:00	43.1474	0.6335	12.76	46.8690	105.1783223	105.194472	0.454463	105.200077	
2010	120	300	120.125000000		04/30/2010 3:00	43.3074	0.6357	12.71	46.8637	105.1799534	105.196103	0.456068	105.201682	
2010	120	400	120.166666667		04/30/2010 4:00	43.3674	0.6365	12.67	46.8617	105.180565	105.196715	0.456669	105.202283	
2010	120	500	120.208333333		04/30/2010 5:00	43.4674	0.6379	12.63	46.8583	105.1815845	105.197734	0.457672	105.203286	
2010	120	600	120.250000000		04/30/2010 6:00	43.5274	0.6388	13.39	46.8563	105.1821961	105.198346	0.458273	105.203887	
2010	120	700	120.291666667		04/30/2010 7:00	43.5674	0.6393	13.67	46.8550	105.1826039	105.198754	0.458674	105.204288	
2010	120	800	120.333333333		04/30/2010 8:00	43.7174	0.6414	13.63	46.8500	105.184133	105.200283	0.460178	105.205792	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	120	900	120.375000000		04/30/2010 9:00	43.6274	0.6402	13.59	46.8530	105.1832155	105.199365	0.459276	105.204890	
2010	120	1000	120.416666667		04/30/2010 10:00	44.1574	0.6476	13.52	46.8352	105.1886185	105.204768	0.464590	105.210204	
2010	120	1100	120.458333333		04/30/2010 11:00	43.7574	0.6420	13.45	46.8486	105.1845408	105.200691	0.460579	105.206193	
2010	120	1200	120.500000000		04/30/2010 12:00	44.1474	0.6474	13.42	46.8356	105.1885165	105.204666	0.464490	105.210104	
2010	120	1300	120.541666667		04/30/2010 13:00	44.8274	0.6569	13.41	46.8128	105.1954486	105.211598	0.471308	105.216922	
2010	120	1400	120.583333333		04/30/2010 14:00	43.8674	0.6435	13.43	46.8449	105.1856622	105.201812	0.461682	105.207296	
2010	120	1500	120.625000000		04/30/2010 15:00	44.4674	0.6519	13.42	46.8249	105.1917787	105.207929	0.467698	105.213312	
2010	120	1600	120.666666667		04/30/2010 16:00	43.9574	0.6448	13.41	46.8419	105.1865796	105.202729	0.462585	105.208199	
2010	120	1700	120.708333333		04/30/2010 17:00	44.4774	0.6520	13.42	46.8245	105.1918806	105.208030	0.467798	105.213412	
2010	120	1800	120.750000000		04/30/2010 18:00	44.7574	0.6560	13.45	46.8152	105.194735	105.210885	0.470606	105.216220	
2010	120	1900	120.791666667		04/30/2010 19:00	44.7374	0.6557	13.29	46.8158	105.1945311	105.210681	0.470405	105.216019	
2010	120	2000	120.833333333		04/30/2010 20:00	44.6674	0.6547	13.17	46.8182	105.1938175	105.209967	0.469703	105.215317	
2010	120	2100	120.875000000		04/30/2010 21:00	44.8674	0.6575	13.07	46.8115	105.1958564	105.212006	0.471709	105.217323	
2010	120	2200	120.916666667		04/30/2010 22:00	45.0474	0.6600	13.01	46.8055	105.1976913	105.213841	0.473513	105.219127	
2010	120	2300	120.958333333		04/30/2010 23:00	45.0974	0.6607	12.93	46.8038	105.198201	105.214351	0.474015	105.219629	
2010	120	2400	121.000000000		05/01/2010 0:00	45.1174	0.6610	12.87	46.8031	105.1984049	105.214555	0.474215	105.219829	
2010	121	100	121.041666667		05/01/2010 1:00	45.6174	0.6680	12.82	46.7864	105.203502	105.219652	0.479228	105.224843	
2010	121	200	121.083333333		05/01/2010 2:00	45.5374	0.6669	12.76	46.7891	105.2026865	105.218836	0.478426	105.224040	
2010	121	300	121.125000000		05/01/2010 3:00	45.5874	0.6676	12.71	46.7874	105.2031962	105.219346	0.478928	105.224542	
2010	121	400	121.166666667		05/01/2010 4:00	45.9774	0.6730	12.67	46.7744	105.207172	105.223322	0.482838	105.228452	
2010	121	500	121.208333333		05/01/2010 5:00	46.1174	0.6750	12.62	46.7697	105.2085991	105.224749	0.484242	105.229856	
2010	121	600	121.250000000		05/01/2010 6:00	45.5174	0.6666	13.38	46.7898	105.2024826	105.218632	0.478226	105.223840	
2010	121	700	121.291666667		05/01/2010 7:00	46.2674	0.6771	13.67	46.7647	105.2101283	105.226278	0.485746	105.231360	
2010	121	800	121.333333333		05/01/2010 8:00	46.4874	0.6801	13.61	46.7573	105.212371	105.228521	0.487951	105.233565	
2010	121	900	121.375000000		05/01/2010 9:00	45.2774	0.6632	13.54	46.7978	105.200036	105.216186	0.475820	105.221434	
2010	121	1000	121.416666667		05/01/2010 10:00	46.9074	0.6860	13.52	46.7433	105.2166526	105.232802	0.492163	105.237777	
2010	121	1100	121.458333333		05/01/2010 11:00	47.6674	0.6966	13.48	46.7178	105.2244002	105.240550	0.499783	105.245397	
2010	121	1200	121.500000000		05/01/2010 12:00	46.2474	0.6768	13.47	46.7653	105.2099244	105.226074	0.485545	105.231159	
2010	121	1300	121.541666667		05/01/2010 13:00	48.5674	0.7092	13.44	46.6877	105.233575	105.249725	0.508806	105.254420	
2010	121	1400	121.583333333		05/01/2010 14:00	48.1574	0.7035	13.42	46.7015	105.2293954	105.245545	0.504696	105.250310	
2010	121	1500	121.625000000		05/01/2010 15:00	48.3374	0.7060	13.41	46.6954	105.2312303	105.247380	0.506500	105.252114	
2010	121	1600	121.666666667		05/01/2010 16:00	48.5574	0.7091	13.4	46.6881	105.233473	105.249623	0.508706	105.254320	
2010	121	1700	121.708333333		05/01/2010 17:00	48.7974	0.7124	13.43	46.6801	105.2359197	105.252069	0.511112	105.256726	
2010	121	1800	121.750000000		05/01/2010 18:00	48.9474	0.7145	13.46	46.6750	105.2374488	105.253599	0.512616	105.258230	
2010	121	1900	121.791666667		05/01/2010 19:00	49.0874	0.7165	13.31	46.6704	105.238876	105.255026	0.514020	105.259634	
2010	121	2000	121.833333333		05/01/2010 20:00	49.2074	0.7181	13.18	46.6663	105.2400993	105.256249	0.515223	105.260837	
2010	121	2100	121.875000000		05/01/2010 21:00	49.3474	0.7201	13.08	46.6617	105.2415265	105.257676	0.516627	105.262241	
2010	121	2200	121.916666667		05/01/2010 22:00	49.4374	0.7214	13.01	46.6586	105.242444	105.258594	0.517529	105.263143	
2010	121	2300	121.958333333		05/01/2010 23:00	49.4274	0.7212	12.94	46.6590	105.242342	105.258492	0.517429	105.263043	
2010	121	2400	122.000000000		05/02/2010 0:00	49.4574	0.7216	12.87	46.6580	105.2426478	105.258798	0.517730	105.263344	
2010	122	100	122.041666667		05/02/2010 1:00	49.6474	0.7243	12.82	46.6516	105.2445847	105.260735	0.519635	105.265249	
2010	122	200	122.083333333		05/02/2010 2:00	49.7874	0.7262	12.76	46.6469	105.2460119	105.262162	0.521039	105.266653	
2010	122	300	122.125000000		05/02/2010 3:00	49.6874	0.7249	12.7	46.6503	105.2449925	105.261142	0.520036	105.265650	
2010	122	400	122.166666667		05/02/2010 4:00	49.6274	0.7240	12.65	46.6523	105.2443809	105.260531	0.519434	105.265048	
2010	122	500	122.208333333		05/02/2010 5:00	49.3474	0.7201	12.63	46.6617	105.2415265	105.257676	0.516627	105.262241	
2010	122	600	122.250000000		05/02/2010 6:00	49.7774	0.7261	13.44	46.6473	105.24591	105.262060	0.520938	105.266552	
2010	122	700	122.291666667		05/02/2010 7:00	50.3074	0.7335	13.68	46.6296	105.2513129	105.267463	0.526252	105.271866	
2010	122	800	122.333333333		05/02/2010 8:00	50.0774	0.7303	13.61	46.6372	105.2489683	105.265118	0.523946	105.269560	
2010	122	900	122.375000000		05/02/2010 9:00	50.0474	0.7299	13.55	46.6382	105.2486624	105.264812	0.523645	105.269259	
2010	122	1000	122.416666667		05/02/2010 10:00	50.6974	0.7390	13.51	46.6165	105.2552887	105.271439	0.530163	105.275777	
2010	122	1100	122.458333333		05/02/2010 11:00	49.7074	0.7251	13.46	46.6496	105.2451964	105.261346	0.520236	105.265850	
2010	122	1200	122.500000000		05/02/2010 12:00	49.2874	0.7193	13.48	46.6637	105.2409148	105.257065	0.516025	105.261639	
2010	122	1300	122.541666667		05/02/2010 13:00	50.3774	0.7345	13.45	46.6272	105.2520265	105.268176	0.526954	105.272568	
2010	122	1400	122.583333333		05/02/2010 14:00	50.0874	0.7304	13.43	46.6369	105.2490702	105.265220	0.524046	105.269660	
2010	122	1500	122.625000000		05/02/2010 15:00	50.9874	0.7430	13.42	46.6068	105.258245	105.274395	0.533070	105.278684	
2010	122	1600	122.666666667		05/02/2010 16:00	50.4374	0.7353	13.44	46.6252	105.2526382	105.268788	0.527556	105.273170	
2010	122	1700	122.708333333		05/02/2010 17:00	50.4874	0.7360	13.46	46.6235	105.2531479	105.269298	0.528057	105.273671	
2010	122	1800	122.750000000		05/02/2010 18:00	50.5374	0.7367	13.47	46.6219	105.2536576	105.269807	0.528558	105.274172	
2010	122	1900	122.791666667		05/02/2010 19:00	50.4774	0.7359	13.29	46.6239	105.2530459	105.269196	0.527957	105.273571	
2010	122	2000	122.833333333		05/02/2010 20:00	50.5074	0.7363	13.16	46.6229	105.2533518	105.269502	0.528258	105.273872	
2010	122	2100	122.875000000		05/02/2010 21:00	50.5574	0.7370	13.07	46.6212	105.2538615	105.270011	0.528759	105.274373	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	122	2200	122.916666667		05/02/2010 22:00	50.5874	0.7374	13	46.6202	105.2541673	105.270317	0.529060	105.274674	
2010	122	2300	122.958333333		05/02/2010 23:00	50.5074	0.7363	12.93	46.6229	105.2533518	105.269502	0.528258	105.273872	
2010	122	2400	123.000000000		05/03/2010 0:00	51.2674	0.7469	12.86	46.5974	105.2610994	105.277249	0.535878	105.281492	
2010	123	100	123.041666667		05/03/2010 1:00	50.7174	0.7392	12.81	46.6158	105.2554926	105.271642	0.530363	105.275977	
2010	123	200	123.083333333		05/03/2010 2:00	50.9174	0.7420	12.76	46.6091	105.2575314	105.273681	0.532368	105.277982	
2010	123	300	123.125000000		05/03/2010 3:00	50.8274	0.7408	12.71	46.6122	105.2566139	105.272764	0.531466	105.277080	
2010	123	400	123.166666667		05/03/2010 4:00	51.1274	0.7450	12.67	46.6021	105.2596722	105.275822	0.534474	105.280088	
2010	123	500	123.208333333		05/03/2010 5:00	51.1474	0.7453	12.65	46.6015	105.2598761	105.276026	0.534674	105.280288	
2010	123	600	123.250000000		05/03/2010 6:00	50.7674	0.7399	13.56	46.6142	105.2560023	105.272152	0.530864	105.276478	
2010	123	700	123.291666667		05/03/2010 7:00	50.8474	0.7411	13.53	46.6115	105.2568178	105.272968	0.531667	105.277281	
2010	123	800	123.333333333		05/03/2010 8:00	51.5774	0.7513	13.5	46.5871	105.2642596	105.280409	0.538986	105.284600	
2010	123	900	123.375000000		05/03/2010 9:00	51.2874	0.7472	13.5	46.5968	105.2613033	105.277453	0.536078	105.281692	
2010	123	1000	123.416666667		05/03/2010 10:00	51.9374	0.7563	13.51	46.5750	105.2679295	105.284079	0.542595	105.288209	
2010	123	1100	123.458333333		05/03/2010 11:00	50.6574	0.7384	13.49	46.6178	105.2548809	105.271031	0.529762	105.275376	
2010	123	1200	123.500000000		05/03/2010 12:00	51.3974	0.7487	13.47	46.5931	105.2624246	105.278574	0.537181	105.282795	
2010	123	1300	123.541666667		05/03/2010 13:00	51.5074	0.7503	13.47	46.5894	105.263546	105.279696	0.538284	105.283898	
2010	123	1400	123.583333333		05/03/2010 14:00	52.4874	0.7640	13.46	46.5566	105.2735363	105.289686	0.548110	105.293724	
2010	123	1500	123.625000000		05/03/2010 15:00	52.0174	0.7574	13.47	46.5724	105.268745	105.284895	0.543397	105.289011	
2010	123	1600	123.666666667		05/03/2010 16:00	52.2274	0.7603	13.48	46.5653	105.2708858	105.287036	0.545503	105.291117	
2010	123	1700	123.708333333		05/03/2010 17:00	52.1074	0.7587	13.51	46.5693	105.2696625	105.285812	0.544300	105.289914	
2010	123	1800	123.750000000		05/03/2010 18:00	51.6674	0.7525	13.55	46.5841	105.2651771	105.281327	0.539888	105.285502	
2010	123	1900	123.791666667		05/03/2010 19:00	51.5574	0.7510	13.43	46.5877	105.2640557	105.280206	0.538785	105.284399	
2010	123	2000	123.833333333		05/03/2010 20:00	51.5274	0.7506	13.29	46.5887	105.2637499	105.279900	0.538484	105.284098	
2010	123	2100	123.875000000		05/03/2010 21:00	51.2974	0.7474	13.19	46.5964	105.2614052	105.277555	0.536178	105.281792	
2010	123	2200	123.916666667		05/03/2010 22:00	51.1374	0.7451	13.11	46.6018	105.2597741	105.275924	0.534574	105.280188	
2010	123	2300	123.958333333		05/03/2010 23:00	51.0074	0.7433	13.04	46.6061	105.2584489	105.274599	0.533271	105.278885	
2010	123	2400	124.000000000		05/04/2010 0:00	50.7474	0.7397	12.96	46.6148	105.2557984	105.271948	0.530664	105.276278	
2010	124	100	124.041666667		05/04/2010 1:00	50.5174	0.7365	12.9	46.6225	105.2534537	105.269604	0.528358	105.273972	
2010	124	200	124.083333333		05/04/2010 2:00	50.4674	0.7358	12.84	46.6242	105.252944	105.269094	0.527857	105.273471	
2010	124	300	124.125000000		05/04/2010 3:00	50.3174	0.7337	12.78	46.6292	105.2514149	105.267565	0.526353	105.271967	
2010	124	400	124.166666667		05/04/2010 4:00	49.9874	0.7290	12.73	46.6403	105.2480508	105.264201	0.523044	105.268658	
2010	124	500	124.208333333		05/04/2010 5:00	49.6474	0.7243	12.75	46.6516	105.2445847	105.260735	0.519635	105.265249	
2010	124	600	124.250000000		05/04/2010 6:00	49.5274	0.7226	13.81	46.6556	105.2433614	105.259511	0.518432	105.264046	
2010	124	700	124.291666667		05/04/2010 7:00	49.5274	0.7226	13.76	46.6556	105.2433614	105.259511	0.518432	105.264046	
2010	124	800	124.333333333		05/04/2010 8:00	49.3874	0.7207	13.69	46.6603	105.2419342	105.258084	0.517028	105.262642	
2010	124	900	124.375000000		05/04/2010 9:00	50.3774	0.7345	13.62	46.6272	105.2520265	105.268176	0.526954	105.272568	
2010	124	1000	124.416666667		05/04/2010 10:00	49.0374	0.7158	13.61	46.6720	105.2383663	105.254516	0.513519	105.259133	
2010	124	1100	124.458333333		05/04/2010 11:00	48.5474	0.7089	13.56	46.6884	105.2333711	105.249521	0.508606	105.254220	
2010	124	1200	124.500000000		05/04/2010 12:00	49.9774	0.7289	13.53	46.6406	105.2479488	105.264099	0.522944	105.268558	
2010	124	1300	124.541666667		05/04/2010 13:00	49.1874	0.7179	13.54	46.6670	105.2398954	105.256045	0.515023	105.260637	
2010	124	1400	124.583333333		05/04/2010 14:00	49.6274	0.7240	13.55	46.6523	105.2443809	105.260531	0.519434	105.265048	
2010	124	1500	124.625000000		05/04/2010 15:00	48.8474	0.7131	13.56	46.6784	105.2364294	105.252579	0.511614	105.257228	
2010	124	1600	124.666666667		05/04/2010 16:00	49.9674	0.7288	13.53	46.6409	105.2478469	105.263997	0.522843	105.268457	
2010	124	1700	124.708333333		05/04/2010 17:00	49.7774	0.7261	13.56	46.6473	105.24591	105.262060	0.520938	105.266552	
2010	124	1800	124.750000000		05/04/2010 18:00	49.7274	0.7254	13.58	46.6489	105.2454003	105.261550	0.520437	105.266051	
2010	124	1900	124.791666667		05/04/2010 19:00	49.9974	0.7292	13.43	46.6399	105.2481527	105.264303	0.523144	105.268758	
2010	124	2000	124.833333333		05/04/2010 20:00	49.9774	0.7289	13.29	46.6406	105.2479488	105.264099	0.522944	105.268558	
2010	124	2100	124.875000000		05/04/2010 21:00	50.2174	0.7323	13.19	46.6326	105.2503954	105.266545	0.525350	105.270964	
2010	124	2200	124.916666667		05/04/2010 22:00	50.4374	0.7353	13.12	46.6252	105.2526382	105.268788	0.527556	105.273170	
2010	124	2300	124.958333333		05/04/2010 23:00	50.6974	0.7390	13.05	46.6165	105.2552887	105.271439	0.530163	105.275777	
2010	124	2400	125.000000000		05/05/2010 0:00	50.8274	0.7408	12.98	46.6122	105.2566139	105.272764	0.531466	105.277080	
2010	125	100	125.041666667		05/05/2010 1:00	50.7474	0.7397	12.92	46.6148	105.2557984	105.271948	0.530664	105.276278	
2010	125	200	125.083333333		05/05/2010 2:00	51.0374	0.7437	12.86	46.6051	105.2587547	105.274905	0.533572	105.279186	
2010	125	300	125.125000000		05/05/2010 3:00	51.0674	0.7441	12.8	46.6041	105.2590605	105.275210	0.533872	105.279486	
2010	125	400	125.166666667		05/05/2010 4:00	51.2374	0.7465	12.74	46.5984	105.2607936	105.276943	0.535577	105.281191	
2010	125	500	125.208333333		05/05/2010 5:00	51.3374	0.7479	12.75	46.5951	105.261813	105.277963	0.536579	105.282193	
2010	125	600	125.250000000		05/05/2010 6:00	51.0174	0.7434	13.85	46.6058	105.2585508	105.274701	0.533371	105.278985	
2010	125	700	125.291666667		05/05/2010 7:00	51.3974	0.7487	13.81	46.5931	105.2624246	105.278574	0.537181	105.282795	
2010	125	800	125.333333333		05/05/2010 8:00	50.6274	0.7380	13.72	46.6188	105.2545751	105.270725	0.529461	105.275075	
2010	125	900	125.375000000		05/05/2010 9:00	51.7674	0.7539	13.65	46.5807	105.2661965	105.282346	0.540891	105.286505	
2010	125	1000	125.416666667		05/05/2010 10:00	51.7674	0.7539	13.59	46.5807	105.2661965	105.282346	0.540891	105.286505	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	125	1100	125.458333333		05/05/2010 11:00	52.6774	0.7666	13.55	46.5503	105.2754732	105.291623	0.550015	105.295629	
2010	125	1200	125.500000000		05/05/2010 12:00	53.1974	0.7739	13.54	46.5329	105.2807742	105.296924	0.555229	105.300843	
2010	125	1300	125.541666667		05/05/2010 13:00	50.1574	0.7314	13.52	46.6346	105.2497838	105.265934	0.524748	105.270362	
2010	125	1400	125.583333333		05/05/2010 14:00	52.0274	0.7576	13.6	46.5720	105.268847	105.284997	0.543498	105.289112	
2010	125	1500	125.625000000		05/05/2010 15:00	51.8274	0.7548	13.62	46.5787	105.2668081	105.282958	0.541492	105.287106	
2010	125	1600	125.666666667		05/05/2010 16:00	52.5274	0.7645	13.59	46.5553	105.2739441	105.290094	0.548511	105.294125	
2010	125	1700	125.708333333		05/05/2010 17:00	52.3574	0.7622	13.61	46.5610	105.2722111	105.288361	0.546806	105.292420	
2010	125	1800	125.750000000		05/05/2010 18:00	52.4174	0.7630	13.61	46.5590	105.2728227	105.288973	0.547408	105.293022	
2010	125	1900	125.791666667		05/05/2010 19:00	52.7774	0.7680	13.46	46.5469	105.2764927	105.292642	0.551017	105.296631	
2010	125	2000	125.833333333		05/05/2010 20:00	52.6974	0.7669	13.32	46.5496	105.2756771	105.291827	0.550215	105.295829	
2010	125	2100	125.875000000		05/05/2010 21:00	52.8874	0.7696	13.22	46.5433	105.277614	105.293764	0.552120	105.297734	
2010	125	2200	125.916666667		05/05/2010 22:00	52.9874	0.7710	13.14	46.5399	105.2786334	105.294783	0.553123	105.298737	
2010	125	2300	125.958333333		05/05/2010 23:00	53.2174	0.7742	13.07	46.5322	105.2809781	105.297128	0.555429	105.301043	
2010	125	2400	126.000000000		05/06/2010 0:00	53.1874	0.7738	13	46.5332	105.2806723	105.296822	0.555128	105.300742	
2010	126	100	126.041666667		05/06/2010 1:00	53.1074	0.7726	12.94	46.5359	105.2798567	105.296007	0.554326	105.299940	
2010	126	200	126.083333333		05/06/2010 2:00	53.3274	0.7757	12.88	46.5285	105.2820995	105.298249	0.556532	105.302146	
2010	126	300	126.125000000		05/06/2010 3:00	53.4374	0.7773	12.82	46.5249	105.2832208	105.299371	0.557635	105.303249	
2010	126	400	126.166666667		05/06/2010 4:00	53.5074	0.7782	12.76	46.5225	105.2839344	105.300084	0.558337	105.303951	
2010	126	500	126.208333333		05/06/2010 5:00	53.3874	0.7766	12.8	46.5265	105.2827111	105.298861	0.557134	105.302748	
2010	126	600	126.250000000		05/06/2010 6:00	53.7074	0.7810	13.82	46.5158	105.2859733	105.302123	0.560342	105.305956	
2010	126	700	126.291666667		05/06/2010 7:00	53.4074	0.7768	13.78	46.5259	105.282915	105.299065	0.557334	105.302948	
2010	126	800	126.333333333		05/06/2010 8:00	53.7074	0.7810	13.68	46.5158	105.2859733	105.302123	0.560342	105.305956	
2010	126	900	126.375000000		05/06/2010 9:00	55.2574	0.8027	13.59	46.4640	105.3017743	105.317924	0.575883	105.321497	
2010	126	1000	126.416666667		05/06/2010 10:00	54.4974	0.7921	13.56	46.4894	105.2940267	105.310177	0.568263	105.313877	
2010	126	1100	126.458333333		05/06/2010 11:00	53.6674	0.7805	13.53	46.5172	105.2855655	105.301715	0.559941	105.305555	
2010	126	1200	126.500000000		05/06/2010 12:00	54.4474	0.7914	13.5	46.4911	105.293517	105.309667	0.567762	105.313376	
2010	126	1300	126.541666667		05/06/2010 13:00	54.6774	0.7946	13.49	46.4834	105.2958617	105.312011	0.570068	105.315682	
2010	126	1400	126.583333333		05/06/2010 14:00	54.0874	0.7863	13.46	46.5031	105.2898471	105.305997	0.564152	105.309766	
2010	126	1500	126.625000000		05/06/2010 15:00	54.2274	0.7883	13.47	46.4984	105.2912743	105.307424	0.565556	105.311170	
2010	126	1600	126.666666667		05/06/2010 16:00	55.2174	0.8021	13.48	46.4653	105.3013665	105.317516	0.575482	105.321096	
2010	126	1700	126.708333333		05/06/2010 17:00	55.0674	0.8000	13.52	46.4703	105.2998374	105.315987	0.573978	105.319592	
2010	126	1800	126.750000000		05/06/2010 18:00	55.2774	0.8030	13.54	46.4633	105.3019782	105.318128	0.576083	105.321697	
2010	126	1900	126.791666667		05/06/2010 19:00	55.4674	0.8056	13.37	46.4570	105.3039151	105.320065	0.577988	105.323602	
2010	126	2000	126.833333333		05/06/2010 20:00	55.5774	0.8072	13.23	46.4533	105.3050365	105.321186	0.579091	105.324705	
2010	126	2100	126.875000000		05/06/2010 21:00	55.6374	0.8080	13.14	46.4513	105.3056481	105.321798	0.579693	105.325307	
2010	126	2200	126.916666667		05/06/2010 22:00	55.6874	0.8087	13.07	46.4496	105.3061578	105.322308	0.580194	105.325808	
2010	126	2300	126.958333333		05/06/2010 23:00	55.9674	0.8126	13	46.4402	105.3090122	105.325162	0.583002	105.328616	
2010	126	2400	127.000000000		05/07/2010 0:00	56.0674	0.8140	12.93	46.4369	105.3100316	105.326181	0.584004	105.329618	
2010	127	100	127.041666667		05/07/2010 1:00	56.2174	0.8161	12.87	46.4319	105.3115608	105.327711	0.585508	105.331122	
2010	127	200	127.083333333		05/07/2010 2:00	56.5274	0.8204	12.8	46.4215	105.314721	105.330871	0.588616	105.334230	
2010	127	300	127.125000000		05/07/2010 3:00	56.7074	0.8230	12.75	46.4155	105.3165559	105.332706	0.590421	105.336035	
2010	127	400	127.166666667		05/07/2010 4:00	57.0874	0.8283	12.7	46.4028	105.3204297	105.336580	0.594231	105.339845	
2010	127	500	127.208333333		05/07/2010 5:00	56.8974	0.8256	12.82	46.4091	105.3184928	105.334643	0.592326	105.337940	
2010	127	600	127.250000000		05/07/2010 6:00	56.7374	0.8234	13.87	46.4145	105.3168618	105.333012	0.590722	105.336336	
2010	127	700	127.291666667		05/07/2010 7:00	57.3174	0.8315	13.78	46.3951	105.3227744	105.338924	0.596537	105.342151	
2010	127	800	127.333333333		05/07/2010 8:00	57.6274	0.8358	13.7	46.3847	105.3259346	105.342084	0.599645	105.345259	
2010	127	900	127.375000000		05/07/2010 9:00	58.0674	0.8420	13.61	46.3700	105.3304201	105.346570	0.604057	105.349671	
2010	127	1000	127.416666667		05/07/2010 10:00	57.4874	0.8339	13.55	46.3894	105.3245074	105.340657	0.598242	105.343856	
2010	127	1100	127.458333333		05/07/2010 11:00	58.5974	0.8494	13.5	46.3523	105.335823	105.351973	0.609371	105.354985	
2010	127	1200	127.500000000		05/07/2010 12:00	58.4174	0.8469	13.47	46.3583	105.333988	105.350138	0.607566	105.353180	
2010	127	1300	127.541666667		05/07/2010 13:00	57.8774	0.8393	13.43	46.3764	105.3284832	105.344633	0.602152	105.347766	
2010	127	1400	127.583333333		05/07/2010 14:00	58.4774	0.8477	13.41	46.3563	105.3345997	105.350750	0.608168	105.353782	
2010	127	1500	127.625000000		05/07/2010 15:00	58.3574	0.8460	13.39	46.3603	105.3333764	105.349526	0.606965	105.352579	
2010	127	1600	127.666666667		05/07/2010 16:00	58.8974	0.8536	13.41						
2010	127	1700	127.708333333		05/07/2010 17:00	59.0274	0.8554	13.43						
2010	127	1800	127.750000000		05/07/2010 18:00	59.3774	0.8603	13.47						
2010	127	1900	127.791666667		05/07/2010 19:00	59.6474	0.8640	13.29						
2010	127	2000	127.833333333		05/07/2010 20:00	59.7874	0.8660	13.17						
2010	127	2100	127.875000000		05/07/2010 21:00	59.8874	0.8674	13.08						
2010	127	2200	127.916666667		05/07/2010 22:00	60.1974	0.8717	12.99						
2010	127	2300	127.958333333		05/07/2010 23:00	60.3074	0.8733	12.93						

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	127	2400	128.000000000		05/08/2010 0:00	60.4174	0.8748	12.87						
2010	128	100	128.041666667		05/08/2010 1:00	60.8674	0.8811	12.81	46.2764	105.3589639	105.375114	0.632131	105.377745	
2010	128	200	128.083333333		05/08/2010 2:00	60.8474	0.8808	12.75	46.2770	105.35876	105.374910	0.631930	105.377544	
2010	128	300	128.125000000		05/08/2010 3:00	60.9774	0.8826	12.7	46.2727	105.3600852	105.376235	0.633234	105.378848	
2010	128	400	128.166666667		05/08/2010 4:00	61.0474	0.8836	12.65	46.2703	105.3607988	105.376949	0.633936	105.379550	
2010	128	500	128.208333333		05/08/2010 5:00	61.0974	0.8843	12.65	46.2687	105.3613086	105.377458	0.634437	105.380051	
2010	128	600	128.250000000		05/08/2010 6:00	60.7074	0.8789	13.69	46.2817	105.3573328	105.373483	0.630527	105.376141	
2010	128	700	128.291666667		05/08/2010 7:00	61.3074	0.8872	13.63	46.2616	105.3634493	105.379599	0.636543	105.382157	
2010	128	800	128.333333333		05/08/2010 8:00	60.7774	0.8798	13.59	46.2794	105.3580464	105.374196	0.631229	105.376843	
2010	128	900	128.375000000		05/08/2010 9:00	62.6074	0.9054	13.51	46.2182	105.3767018	105.392852	0.649577	105.395191	
2010	128	1000	128.416666667		05/08/2010 10:00	59.5174	0.8622	13.52	46.3215	105.3452017	105.361352	0.618595	105.364209	
2010	128	1100	128.458333333		05/08/2010 11:00	61.6074	0.8914	13.46	46.2516	105.3665076	105.382657	0.639551	105.385165	
2010	128	1200	128.500000000		05/08/2010 12:00	62.2574	0.9005	13.46	46.2299	105.3731338	105.389284	0.646068	105.391682	
2010	128	1300	128.541666667		05/08/2010 13:00	60.9874	0.8828	13.44	46.2724	105.3601872	105.376337	0.633334	105.378948	
2010	128	1400	128.583333333		05/08/2010 14:00	60.9974	0.8829	13.42	46.2720	105.3602891	105.376439	0.633434	105.379048	
2010	128	1500	128.625000000		05/08/2010 15:00	61.4574	0.8893	13.44	46.2566	105.3649785	105.381128	0.638047	105.383661	
2010	128	1600	128.666666667		05/08/2010 16:00	60.4574	0.8754	13.54	46.2901	105.3547843	105.370934	0.628020	105.373634	
2010	128	1700	128.708333333		05/08/2010 17:00	61.0274	0.8833	13.5	46.2710	105.360595	105.376745	0.633735	105.379349	
2010	128	1800	128.750000000		05/08/2010 18:00	60.4374	0.8751	13.51	46.2907	105.3545804	105.370730	0.627820	105.373434	
2010	128	1900	128.791666667		05/08/2010 19:00	60.7074	0.8789	13.37	46.2817	105.3573328	105.373483	0.630527	105.376141	
2010	128	2000	128.833333333		05/08/2010 20:00	60.6574	0.8782	13.23	46.2834	105.3568231	105.372973	0.630025	105.375639	
2010	128	2100	128.875000000		05/08/2010 21:00	60.5674	0.8769	13.13	46.2864	105.3559056	105.372055	0.629123	105.374737	
2010	128	2200	128.916666667		05/08/2010 22:00	60.3374	0.8737	13.05	46.2941	105.3535609	105.369711	0.626817	105.372431	
2010	128	2300	128.958333333		05/08/2010 23:00	60.3174	0.8734	12.98	46.2948	105.3533571	105.369507	0.626616	105.372230	
2010	128	2400	129.000000000		05/09/2010 0:00	60.3274	0.8735	12.91	46.2944	105.353459	105.369609	0.626717	105.372331	
2010	129	100	129.041666667		05/09/2010 1:00	60.1974	0.8717	12.85	46.2988	105.3521338	105.368284	0.625413	105.371027	
2010	129	200	129.083333333		05/09/2010 2:00	60.5874	0.8772	12.8	46.2857	105.3561095	105.372259	0.629324	105.374938	
2010	129	300	129.125000000		05/09/2010 3:00	59.9574	0.8684	12.74	46.3068	105.3496871	105.365837	0.623007	105.368621	
2010	129	400	129.166666667		05/09/2010 4:00	60.1974	0.8717	12.68	46.2988	105.3521338	105.368284	0.625413	105.371027	
2010	129	500	129.208333333		05/09/2010 5:00	59.8574	0.8670	12.79	46.3101	105.3486677	105.364818	0.622004	105.367618	
2010	129	600	129.250000000		05/09/2010 6:00	59.6774	0.8645	13.82	46.3162	105.3468328	105.362983	0.620200	105.365814	
2010	129	700	129.291666667		05/09/2010 7:00	59.6674	0.8643	13.72	46.3165	105.3467308	105.362881	0.620099	105.365713	
2010	129	800	129.333333333		05/09/2010 8:00	59.5674	0.8629	13.63	46.3198	105.3457114	105.361861	0.619097	105.364711	
2010	129	900	129.375000000		05/09/2010 9:00	60.1874	0.8716	13.55	46.2991	105.3520318	105.368182	0.625313	105.370927	
2010	129	1000	129.416666667		05/09/2010 10:00	61.0474	0.8836	13.48	46.2703	105.3607988	105.376949	0.633936	105.379550	
2010	129	1100	129.458333333		05/09/2010 11:00	60.3474	0.8738	13.44	46.2938	105.3536629	105.369813	0.626917	105.372531	
2010	129	1200	129.500000000		05/09/2010 12:00	60.6174	0.8776	13.43	46.2847	105.3564153	105.372565	0.629624	105.375238	
2010	129	1300	129.541666667		05/09/2010 13:00	60.1374	0.8709	13.42	46.3008	105.3515221	105.367672	0.624812	105.370426	
2010	129	1400	129.583333333		05/09/2010 14:00	59.9274	0.8680	13.38	46.3078	105.3493813	105.365531	0.622706	105.368320	
2010	129	1500	129.625000000		05/09/2010 15:00	60.9074	0.8817	13.37	46.2750	105.3593717	105.375521	0.632532	105.378146	
2010	129	1600	129.666666667		05/09/2010 16:00	60.6474	0.8780	13.37	46.2837	105.3567212	105.372871	0.629925	105.375539	
2010	129	1700	129.708333333		05/09/2010 17:00	61.2474	0.8864	13.38	46.2637	105.3628377	105.378988	0.635941	105.381555	
2010	129	1800	129.750000000		05/09/2010 18:00	61.1374	0.8849	13.4	46.2673	105.3617163	105.377866	0.634838	105.380452	
2010	129	1900	129.791666667		05/09/2010 19:00	61.5274	0.8903	13.27	46.2543	105.3656921	105.381842	0.638748	105.384362	
2010	129	2000	129.833333333		05/09/2010 20:00	61.3074	0.8872	13.14	46.2616	105.3634493	105.379599	0.636543	105.382157	
2010	129	2100	129.875000000		05/09/2010 21:00	61.4474	0.8892	13.04	46.2570	105.3648765	105.381026	0.637946	105.383560	
2010	129	2200	129.916666667		05/09/2010 22:00	61.5274	0.8903	12.98	46.2543	105.3656921	105.381842	0.638748	105.384362	
2010	129	2300	129.958333333		05/09/2010 23:00	61.5074	0.8900	12.92	46.2550	105.3654882	105.381638	0.638548	105.384162	
2010	129	2400	130.000000000		05/10/2010 0:00	61.3874	0.8884	12.85	46.2590	105.3642649	105.380415	0.637345	105.382959	
2010	130	100	130.041666667		05/10/2010 1:00	61.4874	0.8898	12.78	46.2556	105.3652843	105.381434	0.638347	105.383961	
2010	130	200	130.083333333		05/10/2010 2:00	61.2574	0.8865	12.73	46.2633	105.3629396	105.379089	0.636041	105.381655	
2010	130	300	130.125000000		05/10/2010 3:00	61.3074	0.8872	12.67	46.2616	105.3634493	105.379599	0.636543	105.382157	
2010	130	400	130.166666667		05/10/2010 4:00	61.2974	0.8871	12.63	46.2620	105.3633474	105.379497	0.636442	105.382056	
2010	130	500	130.208333333		05/10/2010 5:00	61.3274	0.8875	12.59	46.2610	105.3636532	105.379803	0.636743	105.382357	
2010	130	600	130.250000000		05/10/2010 6:00	61.2274	0.8861	13.09	46.2643	105.3626338	105.378784	0.635740	105.381354	
2010	130	700	130.291666667		05/10/2010 7:00	61.0774	0.8840	13.72	46.2693	105.3611047	105.377254	0.634237	105.379851	
2010	130	800	130.333333333		05/10/2010 8:00	61.2274	0.8861	13.69	46.2643	105.3626338	105.378784	0.635740	105.381354	
2010	130	900	130.375000000		05/10/2010 9:00	61.1574	0.8851	13.66	46.2667	105.3619202	105.378070	0.635039	105.380653	
2010	130	1000	130.416666667		05/10/2010 10:00	61.4574	0.8893	13.62	46.2566	105.3649785	105.381128	0.638047	105.383661	
2010	130	1100	130.458333333		05/10/2010 11:00	61.4274	0.8889	13.63	46.2576	105.3646726	105.380822	0.637746	105.383360	
2010	130	1200	130.500000000		05/10/2010 12:00	60.8574	0.8810	13.63	46.2767	105.3588619	105.375012	0.632031	105.377645	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	130	1300	130.541666667		05/10/2010 13:00	61.1874	0.8856	13.61	46.2657	105.362226	105.378376	0.635339	105.380953	
2010	130	1400	130.583333333		05/10/2010 14:00	62.0974	0.8983	13.54	46.2352	105.3715028	105.387653	0.644463	105.390077	
2010	130	1500	130.625000000		05/10/2010 15:00	61.9374	0.8960	13.52	46.2406	105.3698717	105.386022	0.642859	105.388473	
2010	130	1600	130.666666667		05/10/2010 16:00	61.8774	0.8952	13.56	46.2426	105.36926	105.385410	0.642258	105.387872	
2010	130	1700	130.708333333		05/10/2010 17:00	61.9674	0.8965	13.57	46.2396	105.3701775	105.386327	0.643160	105.388774	
2010	130	1800	130.750000000		05/10/2010 18:00	62.1574	0.8991	13.58	46.2332	105.3721144	105.388264	0.645065	105.390679	
2010	130	1900	130.791666667		05/10/2010 19:00	62.2674	0.9007	13.38	46.2295	105.3732358	105.389386	0.646168	105.391782	
2010	130	2000	130.833333333		05/10/2010 20:00	62.3474	0.9018	13.25	46.2269	105.3740513	105.390201	0.646970	105.392584	
2010	130	2100	130.875000000		05/10/2010 21:00	62.4274	0.9029	13.15	46.2242	105.3748669	105.391017	0.647772	105.393386	
2010	130	2200	130.916666667		05/10/2010 22:00	62.6874	0.9065	13.08	46.2155	105.3775174	105.393667	0.650379	105.395993	
2010	130	2300	130.958333333		05/10/2010 23:00	62.7674	0.9076	13	46.2128	105.3783329	105.394483	0.651181	105.396795	
2010	130	2400	131.000000000		05/11/2010 0:00	62.8674	0.9090	12.95	46.2095	105.3793523	105.395502	0.652184	105.397798	
2010	131	100	131.041666667		05/11/2010 1:00	62.8774	0.9092	12.88	46.2091	105.3794543	105.395604	0.652284	105.397898	
2010	131	200	131.083333333		05/11/2010 2:00	63.0274	0.9113	12.83	46.2041	105.3809834	105.397133	0.653788	105.399402	
2010	131	300	131.125000000		05/11/2010 3:00	63.0374	0.9114	12.77	46.2038	105.3810853	105.397235	0.653888	105.399502	
2010	131	400	131.166666667		05/11/2010 4:00	63.1974	0.9137	12.71	46.1984	105.3827164	105.398866	0.655492	105.401106	
2010	131	500	131.208333333		05/11/2010 5:00	62.9974	0.9109	12.87	46.2051	105.3806776	105.396827	0.653487	105.399101	
2010	131	600	131.250000000		05/11/2010 6:00	62.8074	0.9082	13.69	46.2115	105.3787407	105.394890	0.651582	105.397196	
2010	131	700	131.291666667		05/11/2010 7:00	62.7074	0.9068	13.65	46.2148	105.3777212	105.393871	0.650580	105.396194	
2010	131	800	131.333333333		05/11/2010 8:00	62.8874	0.9093	13.57	46.2088	105.3795562	105.395706	0.652384	105.397998	
2010	131	900	131.375000000		05/11/2010 9:00	62.9974	0.9109	13.52	46.2051	105.3806776	105.396827	0.653487	105.399101	
2010	131	1000	131.416666667		05/11/2010 10:00	62.8174	0.9083	13.46	46.2111	105.3788426	105.394992	0.651682	105.397296	
2010	131	1100	131.458333333		05/11/2010 11:00	62.6674	0.9062	13.41	46.2162	105.3773135	105.393463	0.650178	105.395793	
2010	131	1200	131.500000000		05/11/2010 12:00	62.8074	0.9082	13.4	46.2115	105.3787407	105.394890	0.651582	105.397196	
2010	131	1300	131.541666667		05/11/2010 13:00	62.3874	0.9023	13.38	46.2255	105.3744591	105.390609	0.647371	105.392985	
2010	131	1400	131.583333333		05/11/2010 14:00	62.3374	0.9016	13.33	46.2272	105.3739494	105.390099	0.646870	105.392484	
2010	131	1500	131.625000000		05/11/2010 15:00	62.9674	0.9104	13.31	46.2061	105.3803717	105.396522	0.653186	105.398800	
2010	131	1600	131.666666667		05/11/2010 16:00	62.5874	0.9051	13.29	46.2188	105.3764979	105.392648	0.649376	105.394990	
2010	131	1700	131.708333333		05/11/2010 17:00	63.1374	0.9128	13.32	46.2004	105.3821048	105.398255	0.654891	105.400505	
2010	131	1800	131.750000000		05/11/2010 18:00	63.5574	0.9187	13.33	46.1864	105.3863863	105.402536	0.659102	105.404716	
2010	131	1900	131.791666667		05/11/2010 19:00	63.2774	0.9148	13.14	46.1958	105.383532	105.399682	0.656295	105.401909	
2010	131	2000	131.833333333		05/11/2010 20:00	63.4774	0.9176	13.05	46.1891	105.3855708	105.401721	0.658300	105.403914	
2010	131	2100	131.875000000		05/11/2010 21:00	63.7174	0.9209	12.97	46.1810	105.3880174	105.404167	0.660706	105.406320	
2010	131	2200	131.916666667		05/11/2010 22:00	63.6874	0.9205	12.9	46.1820	105.3877116	105.403861	0.660405	105.406019	
2010	131	2300	131.958333333		05/11/2010 23:00	64.1174	0.9265	12.83	46.1677	105.3920951	105.408245	0.664717	105.410331	
2010	131	2400	132.000000000		05/12/2010 0:00	64.1074	0.9264	12.77	46.1680	105.3919932	105.408143	0.664617	105.410231	
2010	132	100	132.041666667		05/12/2010 1:00	64.4574	0.9313	12.71	46.1563	105.3955611	105.411711	0.668126	105.413740	
2010	132	200	132.083333333		05/12/2010 2:00	64.4974	0.9318	12.66	46.1550	105.3959689	105.412119	0.668527	105.414141	
2010	132	300	132.125000000		05/12/2010 3:00	64.6974	0.9346	12.62	46.1483	105.3980077	105.414158	0.670532	105.416146	
2010	132	400	132.166666667		05/12/2010 4:00	64.7974	0.9360	12.58	46.1449	105.3990272	105.415177	0.671535	105.417149	
2010	132	500	132.208333333		05/12/2010 5:00	64.4674	0.9314	12.7	46.1560	105.3956631	105.411813	0.668226	105.413840	
2010	132	600	132.250000000		05/12/2010 6:00	64.8174	0.9363	13.65	46.1443	105.3992311	105.415381	0.671735	105.417349	
2010	132	700	132.291666667		05/12/2010 7:00	64.9474	0.9381	13.59	46.1399	105.4005563	105.416706	0.673039	105.418653	
2010	132	800	132.333333333		05/12/2010 8:00	64.6874	0.9345	13.51	46.1486	105.3979058	105.414056	0.670432	105.416046	
2010	132	900	132.375000000		05/12/2010 9:00	65.0774	0.9399	13.46	46.1356	105.4018815	105.418031	0.674342	105.419956	
2010	132	1000	132.416666667		05/12/2010 10:00	65.0474	0.9395	13.41	46.1366	105.4015757	105.417726	0.674041	105.419655	
2010	132	1100	132.458333333		05/12/2010 11:00	65.2174	0.9419	13.38	46.1309	105.4033087	105.419459	0.675746	105.421360	
2010	132	1200	132.500000000		05/12/2010 12:00	64.8674	0.9370	13.37	46.1426	105.3997408	105.415891	0.672237	105.417851	
2010	132	1300	132.541666667		05/12/2010 13:00	65.2774	0.9427	13.35	46.1289	105.4039204	105.420070	0.676347	105.421961	
2010	132	1400	132.583333333		05/12/2010 14:00	66.3774	0.9581	13.32	46.0921	105.415134	105.431284	0.687376	105.432990	
2010	132	1500	132.625000000		05/12/2010 15:00	66.0674	0.9538	13.3	46.1024	105.4119738	105.428124	0.684268	105.429882	
2010	132	1600	132.666666667		05/12/2010 16:00	65.8274	0.9504	13.3	46.1105	105.4095272	105.425677	0.681862	105.427476	
2010	132	1700	132.708333333		05/12/2010 17:00	65.8474	0.9507	13.31	46.1098	105.4097311	105.425881	0.682062	105.427676	
2010	132	1800	132.750000000		05/12/2010 18:00	66.8474	0.9647	13.32	46.0764	105.4199253	105.436075	0.692089	105.437703	
2010	132	1900	132.791666667		05/12/2010 19:00	67.1374	0.9687	13.2	46.0667	105.4228816	105.439031	0.694996	105.440610	
2010	132	2000	132.833333333		05/12/2010 20:00	67.1674	0.9691	13.06	46.0657	105.4231875	105.439337	0.695297	105.440911	
2010	132	2100	132.875000000		05/12/2010 21:00	67.2474	0.9703	12.98	46.0630	105.424003	105.440153	0.696099	105.441713	
2010	132	2200	132.916666667		05/12/2010 22:00	67.3774	0.9721	12.9	46.0586	105.4253283	105.441478	0.697403	105.443017	
2010	132	2300	132.958333333		05/12/2010 23:00	67.3374	0.9715	12.84	46.0600	105.4249205	105.441070	0.697002	105.442616	
2010	132	2400	133.000000000		05/13/2010 0:00	67.9774	0.9805	12.78	46.0386	105.4314448	105.447595	0.703419	105.449033	
2010	133	100	133.041666667		05/13/2010 1:00	67.6374	0.9757	12.73	46.0499	105.4279787	105.444129	0.700010	105.445624	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	200	133.083333333		05/13/2010 2:00	67.7574	0.9774	12.67	46.0459	105.4292021	105.445352	0.701213	105.446827	
2010	133	300	133.125000000		05/13/2010 3:00	67.9274	0.9798	12.64	46.0402	105.4309351	105.447085	0.702917	105.448531	
2010	133	400	133.166666667		05/13/2010 4:00	68.0574	0.9816	12.6	46.0359	105.4322603	105.448410	0.704221	105.449835	
2010	133	500	133.208333333		05/13/2010 5:00	67.7974	0.9779	12.72	46.0446	105.4296098	105.445760	0.701614	105.447228	
2010	133	600	133.250000000		05/13/2010 6:00	68.2874	0.9848	13.64	46.0282	105.434605	105.450755	0.706527	105.452141	
2010	133	700	133.291666667		05/13/2010 7:00	68.0374	0.9813	13.59	46.0366	105.4320564	105.448206	0.704020	105.449634	
2010	133	800	133.333333333		05/13/2010 8:00	67.7774	0.9777	13.52	46.0453	105.4294059	105.445556	0.701413	105.447027	
2010	133	900	133.375000000		05/13/2010 9:00	68.3174	0.9852	13.46	46.0272	105.4349108	105.451061	0.706828	105.452442	
2010	133	1000	133.416666667		05/13/2010 10:00	68.5674	0.9887	13.41	46.0188	105.4374594	105.453609	0.709334	105.454948	
2010	133	1100	133.458333333		05/13/2010 11:00	68.0374	0.9813	13.37	46.0366	105.4320564	105.448206	0.704020	105.449634	
2010	133	1200	133.500000000		05/13/2010 12:00	69.0574	0.9956	13.35	46.0024	105.4424545	105.458604	0.714247	105.459861	
2010	133	1300	133.541666667		05/13/2010 13:00	69.2074	0.9976	13.32	45.9974	105.4439837	105.460134	0.715751	105.461365	
2010	133	1400	133.583333333		05/13/2010 14:00	69.3374	0.9995	13.29	45.9931	105.4453089	105.461459	0.717055	105.462669	
2010	133	1500	133.625000000		05/13/2010 15:00	70.1474	1.0108	13.28	45.9660	105.4535662	105.469716	0.725176	105.470790	
2010	133	1600	133.666666667		05/13/2010 16:00	69.9774	1.0084	13.27	45.9717	105.4518332	105.467983	0.723471	105.469085	
2010	133	1700	133.708333333		05/13/2010 17:00	70.4374	1.0148	13.29	45.9563	105.4565226	105.472672	0.728084	105.473698	
2010	133	1800	133.750000000		05/13/2010 18:00	71.0174	1.0229	13.31	45.9369	105.4624352	105.478585	0.733899	105.479513	
2010	133	1900	133.791666667		05/13/2010 19:00	71.6974	1.0324	13.2	45.9141	105.4693673	105.485517	0.740717	105.486331	
2010	133	2000	133.833333333		05/13/2010 20:00	71.9274	1.0357	13.05	45.9065	105.4717119	105.487862	0.743023	105.488637	
2010	133	2100	133.875000000		05/13/2010 21:00	71.9974	1.0366	12.96	45.9041	105.4724255	105.488575	0.743725	105.489339	
2010	133	2200	133.916666667		05/13/2010 22:00	72.3774	1.0419	12.88	45.8914	105.4762993	105.492449	0.747535	105.493149	
2010	133	2300	133.958333333		05/13/2010 23:00	72.6174	1.0453	12.82	45.8834	105.478746	105.494896	0.749941	105.495555	
2010	133	2400	134.000000000		05/14/2010 0:00	72.8574	1.0487	12.76	45.8754	105.4811926	105.497342	0.752347	105.497961	
2010	134	100	134.041666667		05/14/2010 1:00	73.0774	1.0517	12.71	45.8680	105.4834353	105.499585	0.754553	105.500167	
2010	134	200	134.083333333		05/14/2010 2:00	73.2174	1.0537	12.66	45.8633	105.4848625	105.501012	0.755957	105.501571	
2010	134	300	134.125000000		05/14/2010 3:00	73.5774	1.0587	12.62	45.8513	105.4885324	105.504682	0.759566	105.505180	
2010	134	400	134.166666667		05/14/2010 4:00	73.7574	1.0612	12.58	45.8453	105.4903674	105.506517	0.761371	105.506985	
2010	134	500	134.208333333		05/14/2010 5:00	73.6874	1.0603	12.74	45.8476	105.4896538	105.505804	0.760669	105.506283	
2010	134	600	134.250000000		05/14/2010 6:00	73.5274	1.0580	13.69	45.8529	105.4880227	105.504173	0.759065	105.504679	
2010	134	700	134.291666667		05/14/2010 7:00	74.4874	1.0714	13.6	45.8208	105.4978092	105.513959	0.768690	105.514304	
2010	134	800	134.333333333		05/14/2010 8:00	73.5374	1.0582	13.52	45.8526	105.4881246	105.504274	0.759165	105.504779	
2010	134	900	134.375000000		05/14/2010 9:00	73.6774	1.0601	13.44	45.8479	105.4895518	105.505702	0.760569	105.506183	
2010	134	1000	134.416666667		05/14/2010 10:00	73.7374	1.0610	13.37	45.8459	105.4901635	105.506313	0.761171	105.506785	
2010	134	1100	134.458333333		05/14/2010 11:00	73.4574	1.0570	13.31	45.8553	105.4873091	105.503459	0.758363	105.503977	
2010	134	1200	134.500000000		05/14/2010 12:00	74.0674	1.0656	13.3	45.8349	105.4935276	105.509677	0.764479	105.510093	
2010	134	1300	134.541666667		05/14/2010 13:00	73.8674	1.0628	13.29	45.8416	105.4914887	105.507639	0.762474	105.508088	
2010	134	1400	134.583333333		05/14/2010 14:00	73.6874	1.0603	13.24	45.8476	105.4896538	105.505804	0.760669	105.506283	
2010	134	1500	134.625000000		05/14/2010 15:00	74.6874	1.0742	13.23	45.8141	105.499848	105.515998	0.770696	105.516310	
2010	134	1600	134.666666667		05/14/2010 16:00	73.8074	1.0619	13.23	45.8436	105.4908771	105.507027	0.761873	105.507487	
2010	134	1700	134.708333333		05/14/2010 17:00	74.7674	1.0754	13.23	45.8115	105.5006635	105.516813	0.771498	105.517112	
2010	134	1800	134.750000000		05/14/2010 18:00	74.7174	1.0747	13.26	45.8131	105.5001538	105.516304	0.770997	105.516611	
2010	134	1900	134.791666667		05/14/2010 19:00	75.1974	1.0814	13.15	45.7971	105.505047	105.521197	0.775809	105.521423	
2010	134	2000	134.833333333		05/14/2010 20:00	74.9874	1.0784	13.01	45.8041	105.5029063	105.519056	0.773704	105.519318	
2010	134	2100	134.875000000		05/14/2010 21:00	75.0874	1.0798	12.91	45.8008	105.5039257	105.520076	0.774706	105.520320	
2010	134	2200	134.916666667		05/14/2010 22:00	75.3274	1.0832	12.84	45.7927	105.5063723	105.522522	0.777113	105.522727	
2010	134	2300	134.958333333		05/14/2010 23:00	75.4974	1.0856	12.78	45.7871	105.5081053	105.524255	0.778817	105.524431	
2010	134	2400	135.000000000		05/15/2010 0:00	75.7274	1.0888	12.73	45.7794	105.51045	105.526600	0.781123	105.526737	
2010	135	100	135.041666667		05/15/2010 1:00	75.5474	1.0863	12.68	45.7854	105.508615	105.524765	0.779318	105.524932	
2010	135	200	135.083333333		05/15/2010 2:00	75.8274	1.0902	12.64	45.7760	105.5114694	105.527619	0.782126	105.527740	
2010	135	300	135.125000000		05/15/2010 3:00	76.0874	1.0938	12.6	45.7673	105.5141199	105.530270	0.784733	105.530347	
2010	135	400	135.166666667		05/15/2010 4:00	76.1074	1.0941	12.59	45.7667	105.5143238	105.530474	0.784933	105.530547	
2010	135	500	135.208333333		05/15/2010 5:00	75.8574	1.0906	12.74	45.7750	105.5117752	105.527925	0.782427	105.528041	
2010	135	600	135.250000000		05/15/2010 6:00	75.6974	1.0883	13.59	45.7804	105.5101442	105.526294	0.780822	105.526436	
2010	135	700	135.291666667		05/15/2010 7:00	76.2674	1.0963	13.52	45.7613	105.5159549	105.532105	0.786537	105.532151	
2010	135	800	135.333333333		05/15/2010 8:00	75.6074	1.0871	13.42	45.7834	105.5092267	105.525377	0.779920	105.525534	
2010	135	900	135.375000000		05/15/2010 9:00	75.8174	1.0900	13.36	45.7764	105.5113675	105.527517	0.782026	105.527640	
2010	135	1000	135.416666667		05/15/2010 10:00	76.5274	1.0999	13.31	45.7526	105.5186054	105.534755	0.789144	105.534758	
2010	135	1100	135.458333333		05/15/2010 11:00	76.5374	1.1001	13.27	45.7523	105.5187073	105.534857	0.789245	105.534859	
2010	135	1200	135.500000000		05/15/2010 12:00	76.9074	1.1053	13.26	45.7399	105.5224792	105.538629	0.792954	105.538568	
2010	135	1300	135.541666667		05/15/2010 13:00	76.6574	1.1018	13.25	45.7483	105.5199306	105.536080	0.790448	105.536062	
2010	135	1400	135.583333333		05/15/2010 14:00	75.9974	1.0925	13.22	45.7703	105.5132024	105.529352	0.783830	105.529444	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	135	1500	135.625000000		05/15/2010 15:00	76.6374	1.1015	13.21	45.7489	105.5197267	105.535877	0.790247	105.535861	
2010	135	1600	135.666666667		05/15/2010 16:00	76.2674	1.0963	13.21	45.7613	105.5159549	105.532105	0.786537	105.532151	
2010	135	1700	135.708333333		05/15/2010 17:00	76.4874	1.0994	13.22	45.7539	105.5181976	105.534347	0.788743	105.534357	
2010	135	1800	135.750000000		05/15/2010 18:00	76.3974	1.0981	13.26	45.7570	105.5172801	105.533430	0.787841	105.533455	
2010	135	1900	135.791666667		05/15/2010 19:00	76.6174	1.1012	13.13	45.7496	105.5195228	105.535673	0.790047	105.535661	
2010	135	2000	135.833333333		05/15/2010 20:00	76.5674	1.1005	12.99	45.7513	105.5190131	105.535163	0.789545	105.535159	
2010	135	2100	135.875000000		05/15/2010 21:00	76.4974	1.0995	12.9	45.7536	105.5182995	105.534449	0.788844	105.534458	
2010	135	2200	135.916666667		05/15/2010 22:00	76.6274	1.1013	12.82	45.7493	105.5196248	105.535775	0.790147	105.535761	
2010	135	2300	135.958333333		05/15/2010 23:00	76.5774	1.1006	12.77	45.7509	105.5191151	105.535265	0.789646	105.535260	
2010	135	2400	136.000000000		05/16/2010 0:00	76.3774	1.0979	12.71	45.7576	105.5170762	105.533226	0.787640	105.533254	
2010	136	100	136.041666667		05/16/2010 1:00	76.5574	1.1004	12.68	45.7516	105.5189112	105.535061	0.789445	105.535059	
2010	136	200	136.083333333		05/16/2010 2:00	76.4074	1.0983	12.66	45.7566	105.5173821	105.533532	0.787941	105.533555	
2010	136	300	136.125000000		05/16/2010 3:00	76.2074	1.0955	12.64	45.7633	105.5153432	105.531493	0.785936	105.531550	
2010	136	400	136.166666667		05/16/2010 4:00	76.4774	1.0992	12.64	45.7543	105.5180956	105.534245	0.788643	105.534257	
2010	136	500	136.208333333		05/16/2010 5:00	75.8874	1.0910	12.78	45.7740	105.5120811	105.528231	0.782727	105.528341	
2010	136	600	136.250000000		05/16/2010 6:00	76.0574	1.0934	13.51	45.7683	105.5138141	105.529964	0.784432	105.530046	
2010	136	700	136.291666667		05/16/2010 7:00	75.6374	1.0875	13.47	45.7824	105.5095325	105.525682	0.780221	105.525835	
2010	136	800	136.333333333		05/16/2010 8:00	75.8374	1.0903	13.42	45.7757	105.5115713	105.527721	0.782226	105.527840	
2010	136	900	136.375000000		05/16/2010 9:00	75.8374	1.0903	13.37	45.7757	105.5115713	105.527721	0.782226	105.527840	
2010	136	1000	136.416666667		05/16/2010 10:00	75.8974	1.0911	13.32	45.7737	105.512183	105.528333	0.782828	105.528442	
2010	136	1100	136.458333333		05/16/2010 11:00	75.7574	1.0892	13.28	45.7784	105.5107558	105.526906	0.781424	105.527038	
2010	136	1200	136.500000000		05/16/2010 12:00	74.3674	1.0698	13.27	45.8248	105.4965858	105.512736	0.767487	105.513101	
2010	136	1300	136.541666667		05/16/2010 13:00	75.2774	1.0825	13.26	45.7944	105.5058626	105.522012	0.776611	105.522225	
2010	136	1400	136.583333333		05/16/2010 14:00	75.3474	1.0835	13.23	45.7921	105.5065762	105.522726	0.777313	105.522927	
2010	136	1500	136.625000000		05/16/2010 15:00	74.6774	1.0741	13.21	45.8145	105.4997461	105.515896	0.770595	105.516209	
2010	136	1600	136.666666667		05/16/2010 16:00	74.7274	1.0748	13.22	45.8128	105.5002558	105.516406	0.771097	105.516711	
2010	136	1700	136.708333333		05/16/2010 17:00	74.8374	1.0763	13.24	45.8091	105.5013771	105.517527	0.772200	105.517814	
2010	136	1800	136.750000000		05/16/2010 18:00	74.9174	1.0774	13.26	45.8065	105.5021927	105.518342	0.773002	105.518616	
2010	136	1900	136.791666667		05/16/2010 19:00	74.9474	1.0779	13.13	45.8055	105.5024985	105.518648	0.773303	105.518917	
2010	136	2000	136.833333333		05/16/2010 20:00	74.7474	1.0751	12.99	45.8121	105.5004596	105.516609	0.771297	105.516911	
2010	136	2100	136.875000000		05/16/2010 21:00	74.5374	1.0721	12.91	45.8192	105.4983189	105.514469	0.769192	105.514806	
2010	136	2200	136.916666667		05/16/2010 22:00	74.6374	1.0735	12.83	45.8158	105.4993383	105.515488	0.770194	105.515808	
2010	136	2300	136.958333333		05/16/2010 23:00	74.3674	1.0698	12.78	45.8248	105.4965858	105.512736	0.767487	105.513101	
2010	136	2400	137.000000000		05/17/2010 0:00	74.5074	1.0717	12.72	45.8202	105.498013	105.514163	0.768891	105.514505	
2010	137	100	137.041666667		05/17/2010 1:00	74.2174	1.0677	12.69	45.8299	105.4950567	105.511207	0.765983	105.511597	
2010	137	200	137.083333333		05/17/2010 2:00	74.2374	1.0679	12.67	45.8292	105.4952606	105.511410	0.766184	105.511798	
2010	137	300	137.125000000		05/17/2010 3:00	74.0974	1.0660	12.66	45.8339	105.4938334	105.509983	0.764780	105.510394	
2010	137	400	137.166666667		05/17/2010 4:00	73.9974	1.0646	12.65	45.8372	105.492814	105.508964	0.763778	105.509392	
2010	137	500	137.208333333		05/17/2010 5:00	73.7974	1.0618	12.73	45.8439	105.4907751	105.506925	0.761772	105.507386	
2010	137	600	137.250000000		05/17/2010 6:00	73.6674	1.0600	13.51	45.8483	105.4894499	105.505600	0.760469	105.506083	
2010	137	700	137.291666667		05/17/2010 7:00	73.6374	1.0596	13.48	45.8493	105.4891441	105.505294	0.760168	105.505782	
2010	137	800	137.333333333		05/17/2010 8:00	73.2374	1.0540	13.45	45.8626	105.4850664	105.501216	0.756157	105.501771	
2010	137	900	137.375000000		05/17/2010 9:00	73.9374	1.0638	13.4	45.8392	105.4922023	105.508352	0.763176	105.508790	
2010	137	1000	137.416666667		05/17/2010 10:00	73.7174	1.0607	13.4	45.8466	105.4899596	105.506109	0.760970	105.506584	
2010	137	1100	137.458333333		05/17/2010 11:00	73.1874	1.0533	13.43	45.8643	105.4845567	105.500706	0.755656	105.501270	
2010	137	1200	137.500000000		05/17/2010 12:00	72.1974	1.0394	13.41	45.8974	105.4744644	105.490614	0.745730	105.491344	
2010	137	1300	137.541666667		05/17/2010 13:00	73.6674	1.0600	13.36	45.8483	105.4894499	105.505600	0.760469	105.506083	
2010	137	1400	137.583333333		05/17/2010 14:00	73.6074	1.0591	13.31	45.8503	105.4888382	105.504988	0.759867	105.505481	
2010	137	1500	137.625000000		05/17/2010 15:00	73.5974	1.0590	13.28	45.8506	105.4887363	105.504886	0.759767	105.505381	
2010	137	1600	137.666666667		05/17/2010 16:00	73.6374	1.0596	13.27	45.8493	105.4891441	105.505294	0.760168	105.505782	
2010	137	1700	137.708333333		05/17/2010 17:00	74.0574	1.0654	13.27	45.8352	105.4934256	105.509575	0.764379	105.509993	
2010	137	1800	137.750000000		05/17/2010 18:00	74.0574	1.0654	13.14	45.8352	105.4934256	105.509575	0.764379	105.509993	
2010	137	1900	137.791666667		05/17/2010 19:00	74.2974	1.0688	13	45.8272	105.4958722	105.512022	0.766785	105.512399	
2010	137	2000	137.833333333		05/17/2010 20:00	74.4574	1.0710	12.91	45.8218	105.4975033	105.513653	0.768390	105.514004	
2010	137	2100	137.875000000		05/17/2010 21:00	74.7274	1.0748	12.84	45.8128	105.5002558	105.516406	0.771097	105.516711	
2010	137	2200	137.916666667		05/17/2010 22:00	74.6174	1.0733	12.78	45.8165	105.4991344	105.515284	0.769994	105.515608	
2010	137	2300	137.958333333		05/17/2010 23:00	74.8274	1.0762	12.72	45.8095	105.5012752	105.517425	0.772099	105.517713	
2010	137	2400	138.000000000		05/18/2010 0:00	74.9974	1.0786	12.69	45.8038	105.5030082	105.519158	0.773804	105.519418	
2010	138	100	138.041666667		05/18/2010 1:00	75.2674	1.0823	12.67	45.7947	105.5057606	105.521910	0.776511	105.522125	
2010	138	200	138.083333333		05/18/2010 2:00	75.5074	1.0857	12.66	45.7867	105.5082073	105.524357	0.778917	105.524531	
2010	138	300	138.125000000		05/18/2010 3:00	75.6274	1.0874	12.65	45.7827	105.5094306	105.525580	0.780121	105.525735	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	400	138.166666667		05/18/2010 4:00	75.9074	1.0913	12.63	45.7733	105.5122849	105.528435	0.782928	105.528542	
2010	138	500	138.208333333		05/18/2010 5:00	76.0674	1.0935	12.63	45.7680	105.513916	105.530066	0.784532	105.530146	
2010	138	600	138.250000000		05/18/2010 6:00	76.2974	1.0967	12.69	45.7603	105.5162607	105.532411	0.786838	105.532452	
2010	138	700	138.291666667		05/18/2010 7:00	76.3274	1.0972	13.33	45.7593	105.5165665	105.532716	0.787139	105.532753	
2010	138	800	138.333333333		05/18/2010 8:00	76.6874	1.1022	13.55	45.7473	105.5202364	105.536386	0.790749	105.536363	
2010	138	900	138.375000000		05/18/2010 9:00	76.8874	1.1050	13.56	45.7406	105.5222753	105.538425	0.792754	105.538368	
2010	138	1000	138.416666667		05/18/2010 10:00	76.9074	1.1053	13.54	45.7399	105.5224792	105.538629	0.792954	105.538568	
2010	138	1100	138.458333333		05/18/2010 11:00	76.4074	1.0983	13.49	45.7566	105.5173821	105.533532	0.787941	105.533555	
2010	138	1200	138.500000000		05/18/2010 12:00	78.4274	1.1265	13.43	45.6891	105.5379744	105.554124	0.808194	105.553808	
2010	138	1300	138.541666667		05/18/2010 13:00	78.6574	1.1297	13.4	45.6814	105.540319	105.556469	0.810501	105.556115	
2010	138	1400	138.583333333		05/18/2010 14:00	78.6574	1.1297	13.36	45.6814	105.540319	105.556469	0.810501	105.556115	
2010	138	1500	138.625000000		05/18/2010 15:00	77.8874	1.1190	13.35	45.7071	105.5324695	105.548619	0.802780	105.548394	
2010	138	1600	138.666666667		05/18/2010 16:00	78.3874	1.1259	13.34	45.6904	105.5375666	105.553716	0.807793	105.553407	
2010	138	1700	138.708333333		05/18/2010 17:00	78.8074	1.1318	13.33	45.6764	105.5418482	105.557998	0.812004	105.557618	
2010	138	1800	138.750000000		05/18/2010 18:00	79.2974	1.1387	13.35	45.6600	105.5468433	105.562993	0.816917	105.562531	
2010	138	1900	138.791666667		05/18/2010 19:00	79.9074	1.1472	13.31	45.6396	105.5530618	105.569212	0.823034	105.568648	
2010	138	2000	138.833333333		05/18/2010 20:00	80.0474	1.1491	13.14	45.6349	105.554489	105.570639	0.824437	105.570051	
2010	138	2100	138.875000000		05/18/2010 21:00	80.1974	1.1512	13.04	45.6299	105.5560181	105.572168	0.825941	105.571555	
2010	138	2200	138.916666667		05/18/2010 22:00	80.4374	1.1546	12.96	45.6218	105.5584648	105.574615	0.828348	105.573962	
2010	138	2300	138.958333333		05/18/2010 23:00	80.7274	1.1586	12.89	45.6121	105.5614211	105.577571	0.831255	105.576869	
2010	138	2400	139.000000000		05/19/2010 0:00	81.0774	1.1635	12.83	45.6004	105.5649891	105.581139	0.834764	105.580378	
2010	139	100	139.041666667		05/19/2010 1:00	81.2774	1.1663	12.78	45.5937	105.5670279	105.583178	0.836770	105.582384	
2010	139	200	139.083333333		05/19/2010 2:00	81.5674	1.1704	12.72	45.5840	105.5699842	105.586134	0.839677	105.585291	
2010	139	300	139.125000000		05/19/2010 3:00	81.6874	1.1721	12.68	45.5800	105.5712075	105.587357	0.840880	105.586494	
2010	139	400	139.166666667		05/19/2010 4:00	81.7074	1.1723	12.65	45.5794	105.5714114	105.587561	0.841081	105.586695	
2010	139	500	139.208333333		05/19/2010 5:00	81.9474	1.1757	12.92	45.5713	105.573858	105.590008	0.843487	105.589101	
2010	139	600	139.250000000		05/19/2010 6:00	81.9274	1.1754	13.6	45.5720	105.5736541	105.589804	0.843287	105.588901	
2010	139	700	139.291666667		05/19/2010 7:00	82.5074	1.1835	13.54	45.5526	105.5795668	105.595717	0.849102	105.594716	
2010	139	800	139.333333333		05/19/2010 8:00	82.2574	1.1800	13.5	45.5610	105.5770182	105.593168	0.846596	105.592210	
2010	139	900	139.375000000		05/19/2010 9:00	81.9774	1.1761	13.44	45.5703	105.5741639	105.590314	0.843788	105.589402	
2010	139	1000	139.416666667		05/19/2010 10:00	82.7774	1.1873	13.4	45.5436	105.5823192	105.598469	0.851809	105.597423	
2010	139	1100	139.458333333		05/19/2010 11:00	81.8774	1.1747	13.37	45.5737	105.5731444	105.589294	0.842786	105.588400	
2010	139	1200	139.500000000		05/19/2010 12:00	81.4674	1.1690	13.37	45.5874	105.5689648	105.585115	0.838675	105.584289	
2010	139	1300	139.541666667		05/19/2010 13:00	82.1774	1.1789	13.35	45.5636	105.5762027	105.592353	0.845793	105.591407	
2010	139	1400	139.583333333		05/19/2010 14:00	81.9774	1.1761	13.31	45.5703	105.5741639	105.590314	0.843788	105.589402	
2010	139	1500	139.625000000		05/19/2010 15:00	81.4374	1.1686	13.31	45.5884	105.568659	105.584809	0.838374	105.583988	
2010	139	1600	139.666666667		05/19/2010 16:00	81.5174	1.1697	13.31	45.5857	105.5694745	105.585624	0.839176	105.584790	
2010	139	1700	139.708333333		05/19/2010 17:00	81.5274	1.1698	13.31	45.5854	105.5695765	105.585726	0.839276	105.584890	
2010	139	1800	139.750000000		05/19/2010 18:00	81.7074	1.1723	13.24	45.5794	105.5714114	105.587561	0.841081	105.586695	
2010	139	1900	139.791666667		05/19/2010 19:00	81.6874	1.1721	13.4	45.5800	105.5712075	105.587357	0.840880	105.586494	
2010	139	2000	139.833333333		05/19/2010 20:00	81.5074	1.1695	13.24	45.5860	105.5693726	105.585522	0.839076	105.584690	
2010	139	2100	139.875000000		05/19/2010 21:00	81.5174	1.1697	13.14	45.5857	105.5694745	105.585624	0.839176	105.584790	
2010	139	2200	139.916666667		05/19/2010 22:00	81.6574	1.1716	13.06	45.5810	105.5709017	105.587052	0.840580	105.586194	
2010	139	2300	139.958333333		05/19/2010 23:00	81.8774	1.1747	12.99	45.5737	105.5731444	105.589294	0.842786	105.588400	
2010	139	2400	140.000000000		05/20/2010 0:00	81.9674	1.1760	12.91	45.5707	105.5740619	105.590212	0.843688	105.589302	
2010	140	100	140.041666667		05/20/2010 1:00	81.7774	1.1733	12.86	45.5770	105.572125	105.588275	0.841783	105.587397	
2010	140	200	140.083333333		05/20/2010 2:00	82.1074	1.1779	12.8	45.5660	105.5754891	105.591639	0.845092	105.590706	
2010	140	300	140.125000000		05/20/2010 3:00	82.1274	1.1782	12.75	45.5653	105.575693	105.591843	0.845292	105.590906	
2010	140	400	140.166666667		05/20/2010 4:00	82.1674	1.1788	12.7	45.5640	105.5761008	105.592251	0.845693	105.591307	
2010	140	500	140.208333333		05/20/2010 5:00	82.5974	1.1848	12.86	45.5496	105.5804843	105.596634	0.850005	105.595619	
2010	140	600	140.250000000		05/20/2010 6:00	81.8774	1.1747	13.66	45.5737	105.5731444	105.589294	0.842786	105.588400	
2010	140	700	140.291666667		05/20/2010 7:00	82.1874	1.1790	13.64	45.5633	105.5763046	105.592454	0.845894	105.591508	
2010	140	800	140.333333333		05/20/2010 8:00	82.6074	1.1849	13.6	45.5493	105.5805862	105.596736	0.850105	105.595719	
2010	140	900	140.375000000		05/20/2010 9:00	82.3974	1.1820	13.59	45.5563	105.5784454	105.594595	0.847999	105.593613	
2010	140	1000	140.416666667		05/20/2010 10:00	83.3374	1.1951	13.54	45.5248	105.588028	105.604178	0.857424	105.603038	
2010	140	1100	140.458333333		05/20/2010 11:00	82.8374	1.1881	13.5	45.5416	105.5829309	105.599081	0.852411	105.598025	
2010	140	1200	140.500000000		05/20/2010 12:00	82.7774	1.1873	13.49	45.5436	105.5823192	105.598469	0.851809	105.597423	
2010	140	1300	140.541666667		05/20/2010 13:00	81.3774	1.1677	13.48	45.5904	105.5680473	105.584197	0.837772	105.583386	
2010	140	1400	140.583333333		05/20/2010 14:00	82.2774	1.1803	13.45	45.5603	105.5772221	105.593372	0.846796	105.592410	
2010	140	1500	140.625000000		05/20/2010 15:00	83.2174	1.1934	13.45	45.5289	105.5868047	105.602955	0.856221	105.601835	
2010	140	1600	140.666666667		05/20/2010 16:00	83.1574	1.1926	13.44	45.5309	105.586193	105.602343	0.855619	105.601233	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	140	1700	140.708333333		05/20/2010 17:00	83.6674	1.1997	13.47	45.5138	105.5913921	105.607542	0.860733	105.606347	
2010	140	1800	140.750000000		05/20/2010 18:00	82.9574	1.1898	13.5	45.5376	105.5841542	105.600304	0.853614	105.599228	
2010	140	1900	140.791666667		05/20/2010 19:00	83.3974	1.1960	13.4	45.5228	105.5886396	105.604789	0.858026	105.603640	
2010	140	2000	140.833333333		05/20/2010 20:00	83.4574	1.1968	13.23	45.5208	105.5892513	105.605401	0.858627	105.604241	
2010	140	2100	140.875000000		05/20/2010 21:00	83.6274	1.1992	13.14	45.5151	105.5909843	105.607134	0.860332	105.605946	
2010	140	2200	140.916666667		05/20/2010 22:00	83.4774	1.1971	13.07	45.5202	105.5894552	105.605605	0.858828	105.604442	
2010	140	2300	140.958333333		05/20/2010 23:00	83.7874	1.2014	12.99	45.5098	105.5926154	105.608765	0.861936	105.607550	
2010	140	2400	141.000000000		05/21/2010 0:00	83.7474	1.2008	12.93	45.5111	105.5922076	105.608357	0.861535	105.607149	
2010	141	100	141.041666667		05/21/2010 1:00	84.0374	1.2049	12.86	45.5014	105.5951639	105.611314	0.864443	105.610057	
2010	141	200	141.083333333		05/21/2010 2:00	84.2474	1.2078	12.81	45.4944	105.5973047	105.613455	0.866548	105.612162	
2010	141	300	141.125000000		05/21/2010 3:00	84.5574	1.2122	12.76	45.4840	105.6004649	105.616615	0.869656	105.615270	
2010	141	400	141.166666667		05/21/2010 4:00	84.4574	1.2108	12.7	45.4874	105.5994455	105.615595	0.868654	105.614268	
2010	141	500	141.208333333		05/21/2010 5:00	84.7574	1.2150	13.02	45.4773	105.6025038	105.618654	0.871662	105.617276	
2010	141	600	141.250000000		05/21/2010 6:00	84.6674	1.2137	13.75	45.4804	105.6015863	105.617736	0.870759	105.616373	
2010	141	700	141.291666667		05/21/2010 7:00	84.9974	1.2183	13.7	45.4693	105.6049504	105.621100	0.874068	105.619682	
2010	141	800	141.333333333		05/21/2010 8:00	85.6774	1.2278	13.65	45.4466	105.6118825	105.628032	0.880886	105.626500	
2010	141	900	141.375000000		05/21/2010 9:00	85.6174	1.2270	13.6	45.4486	105.6112708	105.627421	0.880284	105.625898	
2010	141	1000	141.416666667		05/21/2010 10:00	86.2174	1.2354	13.58	45.4285	105.6173873	105.633537	0.886300	105.631914	
2010	141	1100	141.458333333		05/21/2010 11:00	86.4974	1.2393	13.58	45.4192	105.6202417	105.636392	0.889107	105.634721	
2010	141	1200	141.500000000		05/21/2010 12:00	86.2374	1.2356	13.59	45.4279	105.6175912	105.633741	0.886501	105.632115	
2010	141	1300	141.541666667		05/21/2010 13:00	86.9474	1.2456	13.53	45.4041	105.6248291	105.640979	0.893619	105.639233	
2010	141	1400	141.583333333		05/21/2010 14:00	87.0774	1.2474	13.5	45.3998	105.6261544	105.642304	0.894923	105.640537	
2010	141	1500	141.625000000		05/21/2010 15:00	87.3374	1.2510	13.49	45.3911	105.6288049	105.644955	0.897530	105.643144	
2010	141	1600	141.666666667		05/21/2010 16:00	87.8474	1.2581	13.47	45.3740	105.6340039	105.650154	0.902643	105.648257	
2010	141	1700	141.708333333		05/21/2010 17:00	87.8874	1.2587	13.49	45.3727	105.6344117	105.650562	0.903044	105.648658	
2010	141	1800	141.750000000		05/21/2010 18:00	88.2474	1.2637	13.51	45.3606	105.6380816	105.654231	0.906654	105.652268	
2010	141	1900	141.791666667		05/21/2010 19:00	88.6674	1.2696	13.49	45.3466	105.6423632	105.658513	0.910865	105.656479	
2010	141	2000	141.833333333		05/21/2010 20:00	88.8674	1.2724	13.27	45.3399	105.644402	105.660552	0.912870	105.658484	
2010	141	2100	141.875000000		05/21/2010 21:00	89.2174	1.2773	13.18	45.3282	105.64797	105.664120	0.916379	105.661993	
2010	141	2200	141.916666667		05/21/2010 22:00	89.5874	1.2825	13.09	45.3158	105.6517419	105.667892	0.920089	105.665703	
2010	141	2300	141.958333333		05/21/2010 23:00	89.9474	1.2875	13.02	45.3038	105.6554118	105.671562	0.923698	105.669313	
2010	141	2400	142.000000000		05/22/2010 0:00	90.3674	1.2934	12.95	45.2897	105.6596934	105.675843	0.927910	105.673524	
2010	142	100	142.041666667		05/22/2010 1:00	90.3874	1.2936	12.89	45.2891	105.6598972	105.676047	0.928110	105.673724	
2010	142	200	142.083333333		05/22/2010 2:00	90.8274	1.2998	12.83	45.2743	105.6643827	105.680533	0.932522	105.678136	
2010	142	300	142.125000000		05/22/2010 3:00	90.9274	1.3012	12.78	45.2710	105.6654021	105.681552	0.933524	105.679138	
2010	142	400	142.166666667		05/22/2010 4:00	91.4474	1.3085	12.72	45.2536	105.6707031	105.686853	0.938738	105.684352	
2010	142	500	142.208333333		05/22/2010 5:00	91.1674	1.3045	13.38	45.2630	105.6678487	105.683999	0.935931	105.681545	
2010	142	600	142.250000000		05/22/2010 6:00	91.7274	1.3124	13.74	45.2442	105.6735575	105.689707	0.941545	105.687159	
2010	142	700	142.291666667		05/22/2010 7:00	91.9074	1.3149	13.67	45.2382	105.6753925	105.691542	0.943350	105.688964	
2010	142	800	142.333333333		05/22/2010 8:00	92.3674	1.3213	13.59	45.2228	105.6800818	105.696232	0.947962	105.693576	
2010	142	900	142.375000000		05/22/2010 9:00	92.5074	1.3233	13.56	45.2181	105.681509	105.697659	0.949366	105.694980	
2010	142	1000	142.416666667		05/22/2010 10:00	91.9174	1.3150	13.5	45.2379	105.6754944	105.691644	0.943450	105.689064	
2010	142	1100	142.458333333		05/22/2010 11:00	91.7874	1.3132	13.48	45.2422	105.6741691	105.690319	0.942147	105.687761	
2010	142	1200	142.500000000		05/22/2010 12:00	92.2474	1.3196	13.46	45.2268	105.6788585	105.695008	0.946759	105.692373	
2010	142	1300	142.541666667		05/22/2010 13:00	92.4974	1.3231	13.44	45.2185	105.681407	105.697557	0.949266	105.694880	
2010	142	1400	142.583333333		05/22/2010 14:00	92.2874	1.3202	13.42	45.2255	105.6792663	105.695416	0.947160	105.692774	
2010	142	1500	142.625000000		05/22/2010 15:00	92.3374	1.3209	13.41	45.2238	105.679776	105.695926	0.947662	105.693276	
2010	142	1600	142.666666667		05/22/2010 16:00	92.5574	1.3240	13.42	45.2165	105.6820187	105.698169	0.949867	105.695481	
2010	142	1700	142.708333333		05/22/2010 17:00	92.7074	1.3261	13.42	45.2115	105.6835478	105.699698	0.951371	105.696985	
2010	142	1800	142.750000000		05/22/2010 18:00	92.8974	1.3287	13.41	45.2051	105.6854847	105.701635	0.953276	105.698890	
2010	142	1900	142.791666667		05/22/2010 19:00	93.0374	1.3307	13.31	45.2004	105.6869119	105.703062	0.954680	105.700294	
2010	142	2000	142.833333333		05/22/2010 20:00	92.8774	1.3284	13.17	45.2058	105.6852808	105.701431	0.953076	105.698690	
2010	142	2100	142.875000000		05/22/2010 21:00	92.7574	1.3268	13.08	45.2098	105.6840575	105.700207	0.951873	105.697487	
2010	142	2200	142.916666667		05/22/2010 22:00	92.7874	1.3272	13	45.2088	105.6843634	105.700513	0.952173	105.697787	
2010	142	2300	142.958333333		05/22/2010 23:00	92.4574	1.3226	12.93	45.2198	105.6809993	105.697149	0.948865	105.694479	
2010	142	2400	143.000000000		05/23/2010 0:00	92.7874	1.3272	12.86	45.2088	105.6843634	105.700513	0.952173	105.697787	
2010	143	100	143.041666667		05/23/2010 1:00	92.8674	1.3283	12.81	45.2061	105.6851789	105.701329	0.952976	105.698590	
2010	143	200	143.083333333		05/23/2010 2:00	92.6074	1.3247	12.75	45.2148	105.6825284	105.698678	0.950369	105.695983	
2010	143	300	143.125000000		05/23/2010 3:00	92.6074	1.3247	12.7	45.2148	105.6825284	105.698678	0.950369	105.695983	
2010	143	400	143.166666667		05/23/2010 4:00	92.6374	1.3251	12.65	45.2138	105.6828342	105.698984	0.950669	105.696284	
2010	143	500	143.208333333		05/23/2010 5:00	91.8674	1.3143	13.27	45.2396	105.6749847	105.691135	0.942949	105.688563	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	600	143.250000000		05/23/2010 6:00	91.6074	1.3107	13.72	45.2482	105.6723342	105.688484	0.940342	105.685956	
2010	143	700	143.291666667		05/23/2010 7:00	92.5974	1.3245	13.66	45.2151	105.6824265	105.698576	0.950268	105.695882	
2010	143	800	143.333333333		05/23/2010 8:00	91.7174	1.3122	13.62	45.2446	105.6734555	105.689605	0.941445	105.687059	
2010	143	900	143.375000000		05/23/2010 9:00	91.5574	1.3100	13.57	45.2499	105.6718245	105.687974	0.939841	105.685455	
2010	143	1000	143.416666667		05/23/2010 10:00	91.5474	1.3099	13.53	45.2503	105.6717225	105.687872	0.939741	105.685355	
2010	143	1100	143.458333333		05/23/2010 11:00	92.0974	1.3175	13.5	45.2319	105.6773294	105.693479	0.945255	105.690869	
2010	143	1200	143.500000000		05/23/2010 12:00	90.5074	1.2953	13.48	45.2850	105.6611205	105.677270	0.929313	105.674927	
2010	143	1300	143.541666667		05/23/2010 13:00	91.4174	1.3080	13.48	45.2546	105.6703973	105.686547	0.938437	105.684051	
2010	143	1400	143.583333333		05/23/2010 14:00	91.3274	1.3068	13.44	45.2576	105.6694798	105.685630	0.937535	105.683149	
2010	143	1500	143.625000000		05/23/2010 15:00	91.0574	1.3030	13.46	45.2666	105.6667274	105.682877	0.934828	105.680442	
2010	143	1600	143.666666667		05/23/2010 16:00	91.3274	1.3068	13.45	45.2576	105.6694798	105.685630	0.937535	105.683149	
2010	143	1700	143.708333333		05/23/2010 17:00	90.4474	1.2945	13.47	45.2870	105.6605089	105.676659	0.928712	105.674326	
2010	143	1800	143.750000000		05/23/2010 18:00	90.7374	1.2985	13.5	45.2773	105.6634652	105.679615	0.931619	105.677233	
2010	143	1900	143.791666667		05/23/2010 19:00	89.8074	1.2855	13.35	45.3084	105.6539846	105.670134	0.922295	105.667909	
2010	143	2000	143.833333333		05/23/2010 20:00	89.9074	1.2869	13.22	45.3051	105.655004	105.671154	0.923297	105.668911	
2010	143	2100	143.875000000		05/23/2010 21:00	89.7174	1.2843	13.12	45.3115	105.6530671	105.669217	0.921392	105.667006	
2010	143	2200	143.916666667		05/23/2010 22:00	89.4674	1.2808	13.05	45.3198	105.6505186	105.666668	0.918886	105.664500	
2010	143	2300	143.958333333		05/23/2010 23:00	89.3774	1.2795	12.98	45.3228	105.6496011	105.665751	0.917983	105.663597	
2010	143	2400	144.000000000		05/24/2010 0:00	89.0774	1.2753	12.91	45.3329	105.6465428	105.662693	0.914976	105.660590	
2010	144	100	144.041666667		05/24/2010 1:00	88.8974	1.2728	12.85	45.3389	105.6447079	105.660858	0.913171	105.658785	
2010	144	200	144.083333333		05/24/2010 2:00	88.7474	1.2707	12.79	45.3439	105.6431787	105.659329	0.911667	105.657281	
2010	144	300	144.125000000		05/24/2010 3:00	88.4974	1.2672	12.74	45.3523	105.6406302	105.656780	0.909160	105.654774	
2010	144	400	144.166666667		05/24/2010 4:00	88.2674	1.2640	12.69	45.3600	105.6382855	105.654435	0.906854	105.652468	
2010	144	500	144.208333333		05/24/2010 5:00	87.8674	1.2584	12.89	45.3733	105.6342078	105.650358	0.902844	105.648458	
2010	144	600	144.250000000		05/24/2010 6:00	87.8374	1.2580	13.71	45.3743	105.633902	105.650052	0.902543	105.648157	
2010	144	700	144.291666667		05/24/2010 7:00	87.3474	1.2512	13.65	45.3907	105.6289068	105.645057	0.897630	105.643244	
2010	144	800	144.333333333		05/24/2010 8:00	86.9174	1.2451	13.59	45.4051	105.6245233	105.640673	0.893319	105.638933	
2010	144	900	144.375000000		05/24/2010 9:00	87.1074	1.2478	13.52	45.3988	105.6264602	105.642610	0.895224	105.640838	
2010	144	1000	144.416666667		05/24/2010 10:00	86.8774	1.2446	13.48	45.4064	105.6241155	105.640265	0.892917	105.638531	
2010	144	1100	144.458333333		05/24/2010 11:00	86.9974	1.2463	13.45	45.4024	105.6253388	105.641489	0.894121	105.639735	
2010	144	1200	144.500000000		05/24/2010 12:00	85.8074	1.2296	13.44	45.4422	105.6132077	105.629358	0.882189	105.627803	
2010	144	1300	144.541666667		05/24/2010 13:00	85.8974	1.2309	13.42	45.4392	105.6141252	105.630275	0.883092	105.628706	
2010	144	1400	144.583333333		05/24/2010 14:00	85.8474	1.2302	13.39	45.4409	105.6136155	105.629765	0.882590	105.628204	
2010	144	1500	144.625000000		05/24/2010 15:00	86.4974	1.2393	13.37	45.4192	105.6202417	105.636392	0.889107	105.634721	
2010	144	1600	144.666666667		05/24/2010 16:00	87.5074	1.2534	13.37	45.3854	105.6305379	105.646688	0.899234	105.644848	
2010	144	1700	144.708333333		05/24/2010 17:00	86.2474	1.2358	13.38	45.4275	105.6176932	105.633843	0.886601	105.632215	
2010	144	1800	144.750000000		05/24/2010 18:00	86.8174	1.2438	13.39	45.4085	105.6235039	105.639654	0.892316	105.637930	
2010	144	1900	144.791666667		05/24/2010 19:00	86.6574	1.2415	13.33	45.4138	105.6218728	105.638023	0.890712	105.636326	
2010	144	2000	144.833333333		05/24/2010 20:00	86.3874	1.2377	13.16	45.4228	105.6191204	105.635270	0.888005	105.633619	
2010	144	2100	144.875000000		05/24/2010 21:00	86.4474	1.2386	13.07	45.4208	105.619732	105.635882	0.888606	105.634220	
2010	144	2200	144.916666667		05/24/2010 22:00	86.7274	1.2425	12.99	45.4115	105.6225864	105.638736	0.891414	105.637028	
2010	144	2300	144.958333333		05/24/2010 23:00	86.9674	1.2458	12.93	45.4034	105.625033	105.641183	0.893820	105.639434	
2010	144	2400	145.000000000		05/25/2010 0:00	86.9474	1.2456	12.86	45.4041	105.6248291	105.640979	0.893619	105.639233	
2010	145	100	145.041666667		05/25/2010 1:00	87.2074	1.2492	12.8	45.3954	105.6274796	105.643629	0.896226	105.641840	
2010	145	200	145.083333333		05/25/2010 2:00	87.3074	1.2506	12.75	45.3921	105.628499	105.644649	0.897229	105.642843	
2010	145	300	145.125000000		05/25/2010 3:00	87.4574	1.2527	12.69	45.3870	105.6300282	105.646178	0.898733	105.644347	
2010	145	400	145.166666667		05/25/2010 4:00	87.5674	1.2542	12.65	45.3834	105.6311495	105.647299	0.899836	105.645450	
2010	145	500	145.208333333		05/25/2010 5:00	87.7274	1.2565	13.28	45.3780	105.6327806	105.648930	0.901440	105.647054	
2010	145	600	145.250000000		05/25/2010 6:00	88.4374	1.2664	13.63	45.3543	105.6400185	105.656168	0.908559	105.654173	
2010	145	700	145.291666667		05/25/2010 7:00	87.7274	1.2565	13.57	45.3780	105.6327806	105.648930	0.901440	105.647054	
2010	145	800	145.333333333		05/25/2010 8:00	88.1774	1.2628	13.52	45.3630	105.637368	105.653518	0.905952	105.651566	
2010	145	900	145.375000000		05/25/2010 9:00	88.6774	1.2697	13.44	45.3462	105.6424651	105.658615	0.910965	105.656579	
2010	145	1000	145.416666667		05/25/2010 10:00	89.4374	1.2804	13.41	45.3208	105.6502127	105.666363	0.918585	105.664199	
2010	145	1100	145.458333333		05/25/2010 11:00	88.7374	1.2706	13.35	45.3442	105.6430768	105.659227	0.911567	105.657181	
2010	145	1200	145.500000000		05/25/2010 12:00	88.5174	1.2675	13.35	45.3516	105.640834	105.656984	0.909361	105.654975	
2010	145	1300	145.541666667		05/25/2010 13:00	88.8874	1.2727	13.32	45.3392	105.6446059	105.660756	0.913071	105.658685	
2010	145	1400	145.583333333		05/25/2010 14:00	89.9174	1.2871	13.31	45.3048	105.655106	105.671256	0.923398	105.669012	
2010	145	1500	145.625000000		05/25/2010 15:00	89.6474	1.2833	13.33	45.3138	105.6523535	105.668503	0.920691	105.666305	
2010	145	1600	145.666666667		05/25/2010 16:00	89.5674	1.2822	13.34	45.3165	105.651538	105.667688	0.919888	105.665502	
2010	145	1700	145.708333333		05/25/2010 17:00	89.4674	1.2808	13.35	45.3198	105.6505186	105.666668	0.918886	105.664500	
2010	145	1800	145.750000000		05/25/2010 18:00	89.7074	1.2841	13.37	45.3118	105.6529652	105.669115	0.921292	105.666906	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1900	145.791666667		05/25/2010 19:00	89.8474	1.2861	13.26	45.3071	105.6543924	105.670542	0.922696	105.668310	
2010	145	2000	145.833333333		05/25/2010 20:00	89.8574	1.2862	13.12	45.3068	105.6544943	105.670644	0.922796	105.668410	
2010	145	2100	145.875000000		05/25/2010 21:00	90.0174	1.2885	13.01	45.3014	105.6561254	105.672275	0.924400	105.670014	
2010	145	2200	145.916666667		05/25/2010 22:00	89.9674	1.2878	12.94	45.3031	105.6556157	105.671765	0.923899	105.669513	
2010	145	2300	145.958333333		05/25/2010 23:00	90.0374	1.2888	12.87	45.3008	105.6563293	105.672479	0.924601	105.670215	
2010	145	2400	146.000000000		05/26/2010 0:00	90.1674	1.2906	12.81	45.2964	105.6576545	105.673804	0.925904	105.671518	
2010	146	100	146.041666667		05/26/2010 1:00	90.0074	1.2883	12.76	45.3018	105.6560234	105.672173	0.924300	105.669914	
2010	146	200	146.083333333		05/26/2010 2:00	90.2874	1.2922	12.71	45.2924	105.6588778	105.675028	0.927107	105.672721	
2010	146	300	146.125000000		05/26/2010 3:00	90.1774	1.2907	12.66	45.2961	105.6577565	105.673906	0.926005	105.671619	
2010	146	400	146.166666667		05/26/2010 4:00	90.3074	1.2925	12.63	45.2917	105.6590817	105.675232	0.927308	105.672922	
2010	146	500	146.208333333		05/26/2010 5:00	90.4874	1.2950	12.61	45.2857	105.6609167	105.677066	0.929113	105.674727	
2010	146	600	146.250000000		05/26/2010 6:00	90.3974	1.2938	12.88	45.2887	105.6599992	105.676149	0.928210	105.673824	
2010	146	700	146.291666667		05/26/2010 7:00	90.6074	1.2967	13.59	45.2817	105.66214	105.678290	0.930316	105.675930	
2010	146	800	146.333333333		05/26/2010 8:00	90.5074	1.2953	13.59	45.2850	105.6611205	105.677270	0.929313	105.674927	
2010	146	900	146.375000000		05/26/2010 9:00	90.2774	1.2921	13.59	45.2927	105.6587759	105.674926	0.927007	105.672621	
2010	146	1000	146.416666667		05/26/2010 10:00	90.4974	1.2952	13.55	45.2854	105.6610186	105.677168	0.929213	105.674827	
2010	146	1100	146.458333333		05/26/2010 11:00	92.4774	1.3229	13.49	45.2191	105.6812032	105.697353	0.949065	105.694679	
2010	146	1200	146.500000000		05/26/2010 12:00	90.9874	1.3020	13.48	45.2690	105.6660138	105.682164	0.934126	105.679740	
2010	146	1300	146.541666667		05/26/2010 13:00	90.1274	1.2900	13.44	45.2977	105.6572467	105.673397	0.925503	105.671117	
2010	146	1400	146.583333333		05/26/2010 14:00	88.7474	1.2707	13.41	45.3439	105.6431787	105.659329	0.911667	105.657281	
2010	146	1500	146.625000000		05/26/2010 15:00	88.4074	1.2660	13.37	45.3553	105.6397127	105.655863	0.908258	105.653872	
2010	146	1600	146.666666667		05/26/2010 16:00	90.2374	1.2915	13.35	45.2941	105.6583681	105.674518	0.926606	105.672220	
2010	146	1700	146.708333333		05/26/2010 17:00	90.1574	1.2904	13.36	45.2967	105.6575526	105.673702	0.925804	105.671418	
2010	146	1800	146.750000000		05/26/2010 18:00	87.8674	1.2584	13.39	45.3733	105.6342078	105.650358	0.902844	105.648458	
2010	146	1900	146.791666667		05/26/2010 19:00	89.1474	1.2763	13.26	45.3305	105.6472564	105.663406	0.915677	105.661291	
2010	146	2000	146.833333333		05/26/2010 20:00	88.9574	1.2737	13.12	45.3369	105.6453195	105.661469	0.913772	105.659386	
2010	146	2100	146.875000000		05/26/2010 21:00	88.5074	1.2674	13.03	45.3519	105.6407321	105.656882	0.909260	105.654874	
2010	146	2200	146.916666667		05/26/2010 22:00	88.2774	1.2642	12.95	45.3596	105.6383874	105.654537	0.906954	105.652568	
2010	146	2300	146.958333333		05/26/2010 23:00	88.0174	1.2605	12.88	45.3683	105.6357369	105.651887	0.904348	105.649962	
2010	146	2400	147.000000000		05/27/2010 0:00	87.7274	1.2565	12.82	45.3780	105.6327806	105.648930	0.901440	105.647054	
2010	147	100	147.041666667		05/27/2010 1:00	87.4674	1.2528	12.76	45.3867	105.6301301	105.646280	0.898833	105.644447	
2010	147	200	147.083333333		05/27/2010 2:00	87.1574	1.2485	12.71	45.3971	105.6269699	105.643120	0.895725	105.641339	
2010	147	300	147.125000000		05/27/2010 3:00	87.0374	1.2468	12.67	45.4011	105.6257466	105.641896	0.894522	105.640136	
2010	147	400	147.166666667		05/27/2010 4:00	86.7174	1.2424	12.63	45.4118	105.6224845	105.638634	0.891313	105.636927	
2010	147	500	147.208333333		05/27/2010 5:00	86.4374	1.2384	12.69	45.4212	105.6196301	105.635780	0.888506	105.634120	
2010	147	600	147.250000000		05/27/2010 6:00	86.2874	1.2363	13.61	45.4262	105.6181009	105.634251	0.887002	105.632616	
2010	147	700	147.291666667		05/27/2010 7:00	86.0574	1.2331	13.59	45.4339	105.6157563	105.631906	0.884696	105.630310	
2010	147	800	147.333333333		05/27/2010 8:00	85.7474	1.2288	13.55	45.4442	105.6125961	105.628746	0.881588	105.627202	
2010	147	900	147.375000000		05/27/2010 9:00	85.7574	1.2289	13.53	45.4439	105.612698	105.628848	0.881688	105.627302	
2010	147	1000	147.416666667		05/27/2010 10:00	85.8774	1.2306	13.5	45.4399	105.6139213	105.630071	0.882891	105.628505	
2010	147	1100	147.458333333		05/27/2010 11:00	85.8874	1.2308	13.48	45.4396	105.6140233	105.630173	0.882991	105.628605	
2010	147	1200	147.500000000		05/27/2010 12:00	86.0974	1.2337	13.48	45.4325	105.616164	105.632314	0.885097	105.630711	
2010	147	1300	147.541666667		05/27/2010 13:00	86.0574	1.2331	13.52	45.4339	105.6157563	105.631906	0.884696	105.630310	
2010	147	1400	147.583333333		05/27/2010 14:00	86.2974	1.2365	13.54	45.4258	105.6182029	105.634353	0.887102	105.632716	
2010	147	1500	147.625000000		05/27/2010 15:00	86.6074	1.2408	13.51	45.4155	105.6213631	105.637513	0.890210	105.635824	
2010	147	1600	147.666666667		05/27/2010 16:00	86.3974	1.2379	13.51	45.4225	105.6192223	105.635372	0.888105	105.633719	
2010	147	1700	147.708333333		05/27/2010 17:00	86.5074	1.2394	13.53	45.4188	105.6203437	105.636493	0.889208	105.634822	
2010	147	1800	147.750000000		05/27/2010 18:00	86.6074	1.2408	13.45	45.4155	105.6213631	105.637513	0.890210	105.635824	
2010	147	1900	147.791666667		05/27/2010 19:00	86.6574	1.2415	13.27	45.4138	105.6218728	105.638023	0.890712	105.636326	
2010	147	2000	147.833333333		05/27/2010 20:00	86.4974	1.2393	13.18	45.4192	105.6202417	105.636392	0.889107	105.634721	
2010	147	2100	147.875000000		05/27/2010 21:00	86.4374	1.2384	13.09	45.4212	105.6196301	105.635780	0.888506	105.634120	
2010	147	2200	147.916666667		05/27/2010 22:00	86.2874	1.2363	13.02	45.4262	105.6181009	105.634251	0.887002	105.632616	
2010	147	2300	147.958333333		05/27/2010 23:00	86.1974	1.2351	12.95	45.4292	105.6171835	105.633333	0.886100	105.631714	
2010	147	2400	148.000000000		05/28/2010 0:00	86.0574	1.2331	12.89	45.4339	105.6157563	105.631906	0.884696	105.630310	
2010	148	100	148.041666667		05/28/2010 1:00	85.8874	1.2308	12.84	45.4396	105.6140233	105.630173	0.882991	105.628605	
2010	148	200	148.083333333		05/28/2010 2:00	85.6374	1.2273	12.78	45.4479	105.6114747	105.627625	0.880485	105.626099	
2010	148	300	148.125000000		05/28/2010 3:00	85.4074	1.2240	12.73	45.4556	105.60913	105.625280	0.878179	105.623793	
2010	148	400	148.166666667		05/28/2010 4:00	85.1674	1.2207	12.68	45.4636	105.6066834	105.622833	0.875772	105.621386	
2010	148	500	148.208333333		05/28/2010 5:00	84.9174	1.2172	12.72	45.4720	105.6041349	105.620285	0.873266	105.618880	
2010	148	600	148.250000000		05/28/2010 6:00	84.5374	1.2119	13.53	45.4847	105.6002611	105.616411	0.869456	105.615070	
2010	148	700	148.291666667		05/28/2010 7:00	84.2874	1.2084	13.61	45.4931	105.5977125	105.613862	0.866949	105.612563	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	800	148.333333333		05/28/2010 8:00	84.2774	1.2083	13.61	45.4934	105.5976106	105.613760	0.866849	105.612463	
2010	148	900	148.375000000		05/28/2010 9:00	83.4974	1.1974	13.59	45.5195	105.5896591	105.605809	0.859028	105.604642	
2010	148	1000	148.416666667		05/28/2010 10:00	83.2374	1.1937	13.56	45.5282	105.5870086	105.603158	0.856421	105.602035	
2010	148	1100	148.458333333		05/28/2010 11:00	83.1074	1.1919	13.54	45.5325	105.5856833	105.601833	0.855118	105.600732	
2010	148	1200	148.500000000		05/28/2010 12:00	81.8474	1.1743	13.54	45.5747	105.5728386	105.588988	0.842485	105.588099	
2010	148	1300	148.541666667		05/28/2010 13:00	82.1174	1.1781	13.48	45.5656	105.575591	105.591741	0.845192	105.590806	
2010	148	1400	148.583333333		05/28/2010 14:00	82.1574	1.1786	13.46	45.5643	105.5759988	105.592149	0.845593	105.591207	
2010	148	1500	148.625000000		05/28/2010 15:00	82.2574	1.1800	13.51	45.5610	105.5770182	105.593168	0.846596	105.592210	
2010	148	1600	148.666666667		05/28/2010 16:00	81.9474	1.1757	13.56	45.5713	105.573858	105.590008	0.843487	105.589101	
2010	148	1700	148.708333333		05/28/2010 17:00	81.7174	1.1725	13.57	45.5790	105.5715134	105.587663	0.841181	105.586795	
2010	148	1800	148.750000000		05/28/2010 18:00	81.4474	1.1687	13.57	45.5881	105.5687609	105.584911	0.838474	105.584088	
2010	148	1900	148.791666667		05/28/2010 19:00	81.1174	1.1641	13.52	45.5991	105.5653968	105.581547	0.835165	105.580779	
2010	148	2000	148.833333333		05/28/2010 20:00	81.0374	1.1630	13.33	45.6018	105.5645813	105.580731	0.834363	105.579977	
2010	148	2100	148.875000000		05/28/2010 21:00	80.7374	1.1588	13.21	45.6118	105.561523	105.577673	0.831355	105.576969	
2010	148	2200	148.916666667		05/28/2010 22:00	80.5574	1.1563	13.13	45.6178	105.5596881	105.575838	0.829551	105.575165	
2010	148	2300	148.958333333		05/28/2010 23:00	80.0574	1.1493	13.05	45.6345	105.554591	105.570741	0.824537	105.570151	
2010	148	2400	149.000000000		05/29/2010 0:00	79.6974	1.1442	12.99	45.6466	105.550921	105.567071	0.820928	105.566542	
2010	149	100	149.041666667		05/29/2010 1:00	79.4874	1.1413	12.93	45.6536	105.5487802	105.564930	0.818822	105.564436	
2010	149	200	149.083333333		05/29/2010 2:00	79.0874	1.1357	12.86	45.6670	105.5447026	105.560852	0.814812	105.560426	
2010	149	300	149.125000000		05/29/2010 3:00	78.7574	1.1311	12.81	45.6780	105.5413385	105.557488	0.811503	105.557117	
2010	149	400	149.166666667		05/29/2010 4:00	78.4074	1.1262	12.76	45.6897	105.5377705	105.553920	0.807994	105.553608	
2010	149	500	149.208333333		05/29/2010 5:00	77.9974	1.1205	13.07	45.7034	105.5335909	105.549741	0.803883	105.549497	
2010	149	600	149.250000000		05/29/2010 6:00	77.6274	1.1153	13.67	45.7158	105.529819	105.545969	0.800173	105.545787	
2010	149	700	149.291666667		05/29/2010 7:00	76.8374	1.1043	13.63	45.7422	105.5217656	105.537915	0.792252	105.537866	
2010	149	800	149.333333333		05/29/2010 8:00	76.3774	1.0979	13.55	45.7576	105.5170762	105.533226	0.787640	105.533254	
2010	149	900	149.375000000		05/29/2010 9:00	76.2174	1.0956	13.51	45.7630	105.5154451	105.531595	0.786036	105.531650	
2010	149	1000	149.416666667		05/29/2010 10:00	76.4274	1.0985	13.46	45.7560	105.5175859	105.533736	0.788142	105.533756	
2010	149	1100	149.458333333		05/29/2010 11:00	75.4774	1.0853	13.42	45.7877	105.5079014	105.524051	0.778617	105.524231	
2010	149	1200	149.500000000		05/29/2010 12:00	75.9074	1.0913	13.42	45.7733	105.5122849	105.528435	0.782928	105.528542	
2010	149	1300	149.541666667		05/29/2010 13:00	75.7874	1.0896	13.41	45.7774	105.5110616	105.527211	0.781725	105.527339	
2010	149	1400	149.583333333		05/29/2010 14:00	75.5674	1.0865	13.4	45.7847	105.5088189	105.524969	0.779519	105.525133	
2010	149	1500	149.625000000		05/29/2010 15:00	75.3574	1.0836	13.41	45.7917	105.5066781	105.522828	0.777413	105.523027	
2010	149	1600	149.666666667		05/29/2010 16:00	75.3574	1.0836	13.41	45.7917	105.5066781	105.522828	0.777413	105.523027	
2010	149	1700	149.708333333		05/29/2010 17:00	75.1574	1.0808	13.42	45.7984	105.5046393	105.520789	0.775408	105.521022	
2010	149	1800	149.750000000		05/29/2010 18:00	75.1674	1.0809	13.42	45.7981	105.5047412	105.520891	0.775508	105.521122	
2010	149	1900	149.791666667		05/29/2010 19:00	75.6074	1.0871	13.42	45.7834	105.5092267	105.525377	0.779920	105.525534	
2010	149	2000	149.833333333		05/29/2010 20:00	75.2774	1.0825	13.21	45.7944	105.5058626	105.522012	0.776611	105.522225	
2010	149	2100	149.875000000		05/29/2010 21:00	75.3474	1.0835	13.1	45.7921	105.5065762	105.522726	0.777313	105.522927	
2010	149	2200	149.916666667		05/29/2010 22:00	75.1774	1.0811	13.02	45.7978	105.5048432	105.520993	0.775609	105.521223	
2010	149	2300	149.958333333		05/29/2010 23:00	75.3074	1.0829	12.95	45.7934	105.5061684	105.522318	0.776912	105.522526	
2010	149	2400	150.000000000		05/30/2010 0:00	75.2274	1.0818	12.88	45.7961	105.5053529	105.521503	0.776110	105.521724	
2010	150	100	150.041666667		05/30/2010 1:00	75.3074	1.0829	12.82	45.7934	105.5061684	105.522318	0.776912	105.522526	
2010	150	200	150.083333333		05/30/2010 2:00	74.8874	1.0770	12.77	45.8075	105.5018868	105.518037	0.772701	105.518315	
2010	150	300	150.125000000		05/30/2010 3:00	75.2474	1.0821	12.71	45.7954	105.5055568	105.521707	0.776311	105.521925	
2010	150	400	150.166666667		05/30/2010 4:00	75.3974	1.0842	12.66	45.7904	105.5070859	105.523236	0.777814	105.523428	
2010	150	500	150.208333333		05/30/2010 5:00	75.0374	1.0791	13.18	45.8024	105.503416	105.519566	0.774205	105.519819	
2010	150	600	150.250000000		05/30/2010 6:00	74.9374	1.0777	13.63	45.8058	105.5023965	105.518546	0.773202	105.518816	
2010	150	700	150.291666667		05/30/2010 7:00	75.4574	1.0850	13.59	45.7884	105.5076975	105.523847	0.778416	105.524030	
2010	150	800	150.333333333		05/30/2010 8:00	74.9374	1.0777	13.52	45.8058	105.5023965	105.518546	0.773202	105.518816	
2010	150	900	150.375000000		05/30/2010 9:00	75.1774	1.0811	13.49	45.7978	105.5048432	105.520993	0.775609	105.521223	
2010	150	1000	150.416666667		05/30/2010 10:00	74.7574	1.0752	13.44	45.8118	105.5005616	105.516711	0.771398	105.517012	
2010	150	1100	150.458333333		05/30/2010 11:00	76.0674	1.0935	13.4	45.7680	105.513916	105.530066	0.784532	105.530146	
2010	150	1200	150.500000000		05/30/2010 12:00	76.1374	1.0945	13.39	45.7657	105.5146296	105.530779	0.785234	105.530848	
2010	150	1300	150.541666667		05/30/2010 13:00	75.0474	1.0793	13.37	45.8021	105.5035179	105.519668	0.774305	105.519919	
2010	150	1400	150.583333333		05/30/2010 14:00	76.2274	1.0958	13.34	45.7626	105.5155471	105.531697	0.786136	105.531750	
2010	150	1500	150.625000000		05/30/2010 15:00	75.5374	1.0861	13.34	45.7857	105.5085131	105.524663	0.779218	105.524832	
2010	150	1600	150.666666667		05/30/2010 16:00	75.9074	1.0913	13.34	45.7733	105.5122849	105.528435	0.782928	105.528542	
2010	150	1700	150.708333333		05/30/2010 17:00	76.1274	1.0944	13.35	45.7660	105.5145277	105.530677	0.785134	105.530748	
2010	150	1800	150.750000000		05/30/2010 18:00	76.2874	1.0966	13.36	45.7606	105.5161587	105.532309	0.786738	105.532352	
2010	150	1900	150.791666667		05/30/2010 19:00	76.4574	1.0990	13.27	45.7549	105.5178918	105.534042	0.788442	105.534056	
2010	150	2000	150.833333333		05/30/2010 20:00	76.1374	1.0945	13.11	45.7657	105.5146296	105.530779	0.785234	105.530848	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	76.2574	1.0962	13.01	45.7616	105.5158529	105.532003	0.786437	105.532051	
2010	150	2200	150.916666667		05/30/2010 22:00	76.1574	1.0948	12.93	45.7650	105.5148335	105.530983	0.785435	105.531049	
2010	150	2300	150.958333333		05/30/2010 23:00	75.9074	1.0913	12.86	45.7733	105.5122849	105.528435	0.782928	105.528542	
2010	150	2400	151.000000000		05/31/2010 0:00	75.9774	1.0923	12.8	45.7710	105.5129985	105.529148	0.783630	105.529244	
2010	151	100	151.041666667		05/31/2010 1:00	75.8274	1.0902	12.75	45.7760	105.5114694	105.527619	0.782126	105.527740	
2010	151	200	151.083333333		05/31/2010 2:00	75.5074	1.0857	12.7	45.7867	105.5082073	105.524357	0.778917	105.524531	
2010	151	300	151.125000000		05/31/2010 3:00	75.3474	1.0835	12.66	45.7921	105.5065762	105.522726	0.777313	105.522927	
2010	151	400	151.166666667		05/31/2010 4:00	75.0574	1.0794	12.63	45.8018	105.5036199	105.519770	0.774406	105.520020	
2010	151	500	151.208333333		05/31/2010 5:00	74.7774	1.0755	12.9	45.8111	105.5007655	105.516915	0.771598	105.517212	
2010	151	600	151.250000000		05/31/2010 6:00	74.5674	1.0726	13.52	45.8182	105.4986247	105.514775	0.769493	105.515107	
2010	151	700	151.291666667		05/31/2010 7:00	74.4574	1.0710	13.52	45.8218	105.4975033	105.513653	0.768390	105.514004	
2010	151	800	151.333333333		05/31/2010 8:00	74.2574	1.0682	13.48	45.8285	105.4954645	105.511614	0.766384	105.511998	
2010	151	900	151.375000000		05/31/2010 9:00	73.0674	1.0516	13.44	45.8683	105.4833334	105.499483	0.754453	105.500067	
2010	151	1000	151.416666667		05/31/2010 10:00	73.9774	1.0643	13.39	45.8379	105.4926101	105.508760	0.763577	105.509191	
2010	151	1100	151.458333333		05/31/2010 11:00	73.9374	1.0638	13.38	45.8392	105.4922023	105.508352	0.763176	105.508790	
2010	151	1200	151.500000000		05/31/2010 12:00	73.9174	1.0635	13.37	45.8399	105.4919984	105.508148	0.762975	105.508589	
2010	151	1300	151.541666667		05/31/2010 13:00	73.5474	1.0583	13.35	45.8523	105.4882266	105.504376	0.759266	105.504880	
2010	151	1400	151.583333333		05/31/2010 14:00	75.1674	1.0809	13.31	45.7981	105.5047412	105.520891	0.775508	105.521122	
2010	151	1500	151.625000000		05/31/2010 15:00	72.6274	1.0454	13.3	45.8830	105.4788479	105.494998	0.750041	105.495655	
2010	151	1600	151.666666667		05/31/2010 16:00	73.0174	1.0509	13.3	45.8700	105.4828236	105.498973	0.753952	105.499566	
2010	151	1700	151.708333333		05/31/2010 17:00	72.9074	1.0494	13.34	45.8737	105.4817023	105.497852	0.752849	105.498463	
2010	151	1800	151.750000000		05/31/2010 18:00	72.3974	1.0422	13.39	45.8907	105.4765032	105.492653	0.747735	105.493349	
2010	151	1900	151.791666667		05/31/2010 19:00	72.9774	1.0503	13.33	45.8713	105.4824159	105.498566	0.753551	105.499165	
2010	151	2000	151.833333333		05/31/2010 20:00	72.3774	1.0419	13.14	45.8914	105.4762993	105.492449	0.747535	105.493149	
2010	151	2100	151.875000000		05/31/2010 21:00	72.0674	1.0376	13.03	45.9018	105.4731391	105.489289	0.744427	105.490041	
2010	151	2200	151.916666667		05/31/2010 22:00	71.9474	1.0359	12.96	45.9058	105.4719158	105.488066	0.743223	105.488837	
2010	151	2300	151.958333333		05/31/2010 23:00	71.7974	1.0338	12.9	45.9108	105.4703867	105.486537	0.741719	105.487333	
2010	151	2400	152.000000000		06/01/2010 0:00	71.8274	1.0343	12.83	45.9098	105.4706925	105.486842	0.742020	105.487634	
2010	152	100	152.041666667		06/01/2010 1:00	71.3774	1.0280	12.77	45.9249	105.4661051	105.482255	0.737508	105.483122	
2010	152	200	152.083333333		06/01/2010 2:00	71.4374	1.0288	12.73	45.9228	105.4667168	105.482867	0.738110	105.483724	
2010	152	300	152.125000000		06/01/2010 3:00	71.3774	1.0280	12.68	45.9249	105.4661051	105.482255	0.737508	105.483122	
2010	152	400	152.166666667		06/01/2010 4:00	71.2674	1.0264	12.64	45.9285	105.4649838	105.481134	0.736405	105.482019	
2010	152	500	152.208333333		06/01/2010 5:00	70.5874	1.0169	12.94	45.9513	105.4580517	105.474202	0.729588	105.475202	
2010	152	600	152.250000000		06/01/2010 6:00	70.4774	1.0154	13.57	45.9550	105.4569303	105.473080	0.728485	105.474099	
2010	152	700	152.291666667		06/01/2010 7:00	70.2974	1.0129	13.52	45.9610	105.4550954	105.471245	0.726680	105.472294	
2010	152	800	152.333333333		06/01/2010 8:00	70.4874	1.0155	13.47	45.9546	105.4570323	105.473182	0.728585	105.474199	
2010	152	900	152.375000000		06/01/2010 9:00	70.8474	1.0206	13.43	45.9426	105.4607022	105.476852	0.732194	105.477808	
2010	152	1000	152.416666667		06/01/2010 10:00	69.7374	1.0051	13.39	45.9797	105.4493866	105.465536	0.721065	105.466679	
2010	152	1100	152.458333333		06/01/2010 11:00	70.4574	1.0151	13.37	45.9556	105.4567264	105.472876	0.728284	105.473898	
2010	152	1200	152.500000000		06/01/2010 12:00	70.4774	1.0154	13.35	45.9550	105.4569303	105.473080	0.728485	105.474099	
2010	152	1300	152.541666667		06/01/2010 13:00	70.4474	1.0150	13.34	45.9560	105.4566245	105.472774	0.728184	105.473798	
2010	152	1400	152.583333333		06/01/2010 14:00	69.9574	1.0081	13.34	45.9723	105.4516293	105.467779	0.723271	105.468885	
2010	152	1500	152.625000000		06/01/2010 15:00	71.0174	1.0229	13.33	45.9369	105.4624352	105.478585	0.733899	105.479513	
2010	152	1600	152.666666667		06/01/2010 16:00	70.5774	1.0168	13.35	45.9516	105.4579498	105.474100	0.729487	105.475101	
2010	152	1700	152.708333333		06/01/2010 17:00	70.4174	1.0146	13.35	45.9570	105.4563187	105.472469	0.727883	105.473497	
2010	152	1800	152.750000000		06/01/2010 18:00	70.7574	1.0193	13.37	45.9456	105.4597847	105.475935	0.731292	105.476906	
2010	152	1900	152.791666667		06/01/2010 19:00	70.8974	1.0213	13.29	45.9409	105.4612119	105.477362	0.732696	105.478310	
2010	152	2000	152.833333333		06/01/2010 20:00	70.9274	1.0217	13.12	45.9399	105.4615177	105.477668	0.732997	105.478611	
2010	152	2100	152.875000000		06/01/2010 21:00	71.0674	1.0236	13.03	45.9352	105.4629449	105.479095	0.734400	105.480014	
2010	152	2200	152.916666667		06/01/2010 22:00	71.1774	1.0252	12.95	45.9315	105.4640663	105.480216	0.735503	105.481117	
2010	152	2300	152.958333333		06/01/2010 23:00	71.3174	1.0271	12.88	45.9269	105.4654935	105.481643	0.736907	105.482521	
2010	152	2400	153.000000000		06/02/2010 0:00	71.5774	1.0308	12.82	45.9182	105.468144	105.484294	0.739514	105.485128	
2010	153	100	153.041666667		06/02/2010 1:00	71.7074	1.0326	12.76	45.9138	105.4694692	105.485619	0.740817	105.486431	
2010	153	200	153.083333333		06/02/2010 2:00	71.7674	1.0334	12.71	45.9118	105.4700809	105.486231	0.741419	105.487033	
2010	153	300	153.125000000		06/02/2010 3:00	71.9174	1.0355	12.67	45.9068	105.47161	105.487760	0.742923	105.488537	
2010	153	400	153.166666667		06/02/2010 4:00	72.1374	1.0386	12.63	45.8994	105.4738527	105.490003	0.745128	105.490742	
2010	153	500	153.208333333		06/02/2010 5:00	72.2774	1.0406	12.61	45.8948	105.4752799	105.491430	0.746532	105.492146	
2010	153	600	153.250000000		06/02/2010 6:00	72.5274	1.0440	13.18	45.8864	105.4778285	105.493978	0.749039	105.494653	
2010	153	700	153.291666667		06/02/2010 7:00	72.8374	1.0484	13.57	45.8760	105.4809887	105.497139	0.752147	105.497761	
2010	153	800	153.333333333		06/02/2010 8:00	73.1674	1.0530	13.56	45.8650	105.4843528	105.500503	0.755456	105.501070	
2010	153	900	153.375000000		06/02/2010 9:00	73.5874	1.0589	13.56	45.8509	105.4886344	105.504784	0.759667	105.505281	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1000	153.416666667		06/02/2010 10:00	73.8474	1.0625	13.52	45.8422	105.4912849	105.507435	0.762274	105.507888	
2010	153	1100	153.458333333		06/02/2010 11:00	73.9974	1.0646	13.49	45.8372	105.492814	105.508964	0.763778	105.509392	
2010	153	1200	153.500000000		06/02/2010 12:00	74.5274	1.0720	13.45	45.8195	105.4982169	105.514367	0.769092	105.514706	
2010	153	1300	153.541666667		06/02/2010 13:00	75.1174	1.0802	13.43	45.7998	105.5042315	105.520381	0.775007	105.520621	
2010	153	1400	153.583333333		06/02/2010 14:00	75.6374	1.0875	13.44	45.7824	105.5095325	105.525682	0.780221	105.525835	
2010	153	1500	153.625000000		06/02/2010 15:00	75.9374	1.0917	13.46	45.7723	105.5125908	105.528741	0.783229	105.528843	
2010	153	1600	153.666666667		06/02/2010 16:00	76.2374	1.0959	13.47	45.7623	105.515649	105.531799	0.786237	105.531851	
2010	153	1700	153.708333333		06/02/2010 17:00	76.7174	1.1026	13.46	45.7463	105.5205423	105.536692	0.791049	105.536663	
2010	153	1800	153.750000000		06/02/2010 18:00	77.1174	1.1082	13.46	45.7329	105.5246199	105.540770	0.795060	105.540674	
2010	153	1900	153.791666667		06/02/2010 19:00	77.5474	1.1142	13.45	45.7185	105.5290035	105.545153	0.799371	105.544985	
2010	153	2000	153.833333333		06/02/2010 20:00	78.2074	1.1234	13.23	45.6964	105.5357316	105.551881	0.805989	105.551603	
2010	153	2100	153.875000000		06/02/2010 21:00	78.6574	1.1297	13.12	45.6814	105.540319	105.556469	0.810501	105.556115	
2010	153	2200	153.916666667		06/02/2010 22:00	79.0374	1.1350	13.03	45.6687	105.5441928	105.560343	0.814311	105.559925	
2010	153	2300	153.958333333		06/02/2010 23:00	79.7174	1.1445	12.95	45.6459	105.5511249	105.567275	0.821128	105.566743	
2010	153	2400	154.000000000		06/03/2010 0:00	80.2874	1.1525	12.89	45.6269	105.5569356	105.573085	0.826844	105.572458	
2010	154	100	154.041666667		06/03/2010 1:00	80.8474	1.1603	12.83	45.6081	105.5626444	105.578794	0.832458	105.578072	
2010	154	200	154.083333333		06/03/2010 2:00	81.4574	1.1688	12.77	45.5877	105.5688629	105.585013	0.838574	105.584188	
2010	154	300	154.125000000		06/03/2010 3:00	81.7774	1.1733	12.72	45.5770	105.572125	105.588275	0.841783	105.587397	
2010	154	400	154.166666667		06/03/2010 4:00	82.3274	1.1810	12.67	45.5586	105.5777318	105.593882	0.847297	105.592911	
2010	154	500	154.208333333		06/03/2010 5:00	82.9174	1.1892	13.03	45.5389	105.5837464	105.599896	0.853213	105.598827	
2010	154	600	154.250000000		06/03/2010 6:00	83.7874	1.2014	13.65	45.5098	105.5926154	105.608765	0.861936	105.607550	
2010	154	700	154.291666667		06/03/2010 7:00	83.4974	1.1974	13.61	45.5195	105.5896591	105.605809	0.859028	105.604642	
2010	154	800	154.333333333		06/03/2010 8:00	83.8374	1.2021	13.57	45.5081	105.5931251	105.609275	0.862437	105.608051	
2010	154	900	154.375000000		06/03/2010 9:00	84.8274	1.2159	13.54	45.4750	105.6032174	105.619367	0.872363	105.617977	
2010	154	1000	154.416666667		06/03/2010 10:00	84.8474	1.2162	13.49	45.4743	105.6034213	105.619571	0.872564	105.618178	
2010	154	1100	154.458333333		06/03/2010 11:00	86.1974	1.2351	13.46	45.4292	105.6171835	105.633333	0.886100	105.631714	
2010	154	1200	154.500000000		06/03/2010 12:00	85.0674	1.2193	13.43	45.4670	105.605664	105.621814	0.874770	105.620384	
2010	154	1300	154.541666667		06/03/2010 13:00	85.3974	1.2239	13.41	45.4559	105.6090281	105.625178	0.878078	105.623692	
2010	154	1400	154.583333333		06/03/2010 14:00	87.0674	1.2472	13.39	45.4001	105.6260524	105.642202	0.894822	105.640436	
2010	154	1500	154.625000000		06/03/2010 15:00	87.3874	1.2517	13.39	45.3894	105.6293146	105.645464	0.898031	105.643645	
2010	154	1600	154.666666667		06/03/2010 16:00	87.3974	1.2519	13.39	45.3891	105.6294165	105.645566	0.898131	105.643745	
2010	154	1700	154.708333333		06/03/2010 17:00	88.2574	1.2639	13.41	45.3603	105.6381836	105.654333	0.906754	105.652368	
2010	154	1800	154.750000000		06/03/2010 18:00	88.5174	1.2675	13.42	45.3516	105.640834	105.656984	0.909361	105.654975	
2010	154	1900	154.791666667		06/03/2010 19:00	88.9474	1.2735	13.2	45.3372	105.6452176	105.661367	0.913672	105.659286	
2010	154	2000	154.833333333		06/03/2010 20:00	89.1674	1.2766	13.09	45.3299	105.6474603	105.663610	0.915878	105.661492	
2010	154	2100	154.875000000		06/03/2010 21:00	89.2574	1.2779	13	45.3268	105.6483778	105.664528	0.916780	105.662394	
2010	154	2200	154.916666667		06/03/2010 22:00	89.4074	1.2799	12.93	45.3218	105.6499069	105.666057	0.918284	105.663898	
2010	154	2300	154.958333333		06/03/2010 23:00	89.6274	1.2830	12.86	45.3145	105.6521496	105.668299	0.920490	105.666104	
2010	154	2400	155.000000000		06/04/2010 0:00	89.6874	1.2839	12.8	45.3125	105.6527613	105.668911	0.921092	105.666706	
2010	155	100	155.041666667		06/04/2010 1:00	89.7774	1.2851	12.74	45.3095	105.6536788	105.669829	0.921994	105.667608	
2010	155	200	155.083333333		06/04/2010 2:00	90.0274	1.2886	12.71	45.3011	105.6562273	105.672377	0.924501	105.670115	
2010	155	300	155.125000000		06/04/2010 3:00	90.0674	1.2892	12.66	45.2998	105.6566351	105.672785	0.924902	105.670516	
2010	155	400	155.166666667		06/04/2010 4:00	90.1474	1.2903	12.63	45.2971	105.6574506	105.673600	0.925704	105.671318	
2010	155	500	155.208333333		06/04/2010 5:00	90.1674	1.2906	12.63	45.2964	105.6576545	105.673804	0.925904	105.671518	
2010	155	600	155.250000000		06/04/2010 6:00	90.4174	1.2941	13.59	45.2880	105.6602031	105.676353	0.928411	105.674025	
2010	155	700	155.291666667		06/04/2010 7:00	90.2974	1.2924	13.59	45.2921	105.6589798	105.675130	0.927208	105.672822	
2010	155	800	155.333333333		06/04/2010 8:00	90.1574	1.2904	13.57	45.2967	105.6575526	105.673702	0.925804	105.671418	
2010	155	900	155.375000000		06/04/2010 9:00	90.3274	1.2928	13.54	45.2911	105.6592856	105.675435	0.927509	105.673123	
2010	155	1000	155.416666667		06/04/2010 10:00	90.0474	1.2889	13.49	45.3004	105.6564312	105.672581	0.924701	105.670315	
2010	155	1100	155.458333333		06/04/2010 11:00	89.7574	1.2848	13.42	45.3101	105.6534749	105.669625	0.921793	105.667407	
2010	155	1200	155.500000000		06/04/2010 12:00	89.2274	1.2774	13.39	45.3278	105.6480719	105.664222	0.916479	105.662094	
2010	155	1300	155.541666667		06/04/2010 13:00	92.2074	1.3191	13.37	45.2282	105.6784507	105.694601	0.946358	105.691972	
2010	155	1400	155.583333333		06/04/2010 14:00	90.5374	1.2957	13.36	45.2840	105.6614264	105.677576	0.929614	105.675228	
2010	155	1500	155.625000000		06/04/2010 15:00	92.3974	1.3217	13.33	45.2218	105.6803876	105.696537	0.948263	105.693877	
2010	155	1600	155.666666667		06/04/2010 16:00	91.9074	1.3149	13.35	45.2382	105.6753925	105.691542	0.943350	105.688964	
2010	155	1700	155.708333333		06/04/2010 17:00	91.7974	1.3133	13.37	45.2419	105.6742711	105.690421	0.942247	105.687861	
2010	155	1800	155.750000000		06/04/2010 18:00	92.3874	1.3216	13.38	45.2222	105.6802857	105.696436	0.948163	105.693777	
2010	155	1900	155.791666667		06/04/2010 19:00	92.1574	1.3184	13.39	45.2299	105.677941	105.694091	0.945857	105.691471	
2010	155	2000	155.833333333		06/04/2010 20:00	92.0674	1.3171	13.18	45.2329	105.6770235	105.693173	0.944954	105.690568	
2010	155	2100	155.875000000		06/04/2010 21:00	91.9974	1.3161	13.07	45.2352	105.6763099	105.692460	0.944253	105.689867	
2010	155	2200	155.916666667		06/04/2010 22:00	91.9774	1.3159	12.99	45.2359	105.676106	105.692256	0.944052	105.689666	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	2300	155.958333333		06/04/2010 23:00	91.9674	1.3157	12.92	45.2362	105.6760041	105.692154	0.943952	105.689566	
2010	155	2400	156.000000000		06/05/2010 0:00	91.8974	1.3147	12.86	45.2385	105.6752905	105.691440	0.943250	105.688864	
2010	156	100	156.041666667		06/05/2010 1:00	91.8774	1.3145	12.8	45.2392	105.6750866	105.691236	0.943049	105.688663	
2010	156	200	156.083333333		06/05/2010 2:00	91.8074	1.3135	12.74	45.2416	105.674373	105.690523	0.942348	105.687962	
2010	156	300	156.125000000		06/05/2010 3:00	91.5574	1.3100	12.69	45.2499	105.6718245	105.687974	0.939841	105.685455	
2010	156	400	156.166666667		06/05/2010 4:00	91.4474	1.3085	12.65	45.2536	105.6707031	105.686853	0.938738	105.684352	
2010	156	500	156.208333333		06/05/2010 5:00	90.9174	1.3011	12.95	45.2713	105.6653002	105.681450	0.933424	105.679038	
2010	156	600	156.250000000		06/05/2010 6:00	90.6774	1.2977	13.62	45.2794	105.6628536	105.679003	0.931018	105.676632	
2010	156	700	156.291666667		06/05/2010 7:00	90.9274	1.3012	13.57	45.2710	105.6654021	105.681552	0.933524	105.679138	
2010	156	800	156.333333333		06/05/2010 8:00	90.1074	1.2897	13.52	45.2984	105.6570429	105.673193	0.925303	105.670917	
2010	156	900	156.375000000		06/05/2010 9:00	91.0374	1.3027	13.46	45.2673	105.6665235	105.682673	0.934627	105.680241	
2010	156	1000	156.416666667		06/05/2010 10:00	90.6674	1.2976	13.41	45.2797	105.6627516	105.678901	0.930918	105.676532	
2010	156	1100	156.458333333		06/05/2010 11:00	89.6774	1.2837	13.39	45.3128	105.6526593	105.668809	0.920991	105.666605	
2010	156	1200	156.500000000		06/05/2010 12:00	90.2774	1.2921	13.39	45.2927	105.6587759	105.674926	0.927007	105.672621	
2010	156	1300	156.541666667		06/05/2010 13:00	89.4074	1.2799	13.37	45.3218	105.6499069	105.666057	0.918284	105.663898	
2010	156	1400	156.583333333		06/05/2010 14:00	89.8574	1.2862	13.33	45.3068	105.6544943	105.670644	0.922796	105.668410	
2010	156	1500	156.625000000		06/05/2010 15:00	91.0574	1.3030	13.31	45.2666	105.6667274	105.682877	0.934828	105.680442	
2010	156	1600	156.666666667		06/05/2010 16:00	90.8474	1.3001	13.33	45.2737	105.6645866	105.680736	0.932722	105.678336	
2010	156	1700	156.708333333		06/05/2010 17:00	90.1474	1.2903	13.33	45.2971	105.6574506	105.673600	0.925704	105.671318	
2010	156	1800	156.750000000		06/05/2010 18:00	90.2774	1.2921	13.33	45.2927	105.6587759	105.674926	0.927007	105.672621	
2010	156	1900	156.791666667		06/05/2010 19:00	90.9474	1.3015	13.35	45.2703	105.665606	105.681756	0.933725	105.679339	
2010	156	2000	156.833333333		06/05/2010 20:00	90.9274	1.3012	13.15	45.2710	105.6654021	105.681552	0.933524	105.679138	
2010	156	2100	156.875000000		06/05/2010 21:00	90.9474	1.3015	13.04	45.2703	105.665606	105.681756	0.933725	105.679339	
2010	156	2200	156.916666667		06/05/2010 22:00	90.9874	1.3020	12.95	45.2690	105.6660138	105.682164	0.934126	105.679740	
2010	156	2300	156.958333333		06/05/2010 23:00	91.1174	1.3038	12.88	45.2646	105.667339	105.683489	0.935429	105.681043	
2010	156	2400	157.000000000		06/06/2010 0:00	90.9874	1.3020	12.83	45.2690	105.6660138	105.682164	0.934126	105.679740	
2010	157	100	157.041666667		06/06/2010 1:00	90.7674	1.2990	12.77	45.2763	105.663771	105.679921	0.931920	105.677534	
2010	157	200	157.083333333		06/06/2010 2:00	90.5874	1.2964	12.72	45.2824	105.6619361	105.678086	0.930115	105.675729	
2010	157	300	157.125000000		06/06/2010 3:00	90.3474	1.2931	12.68	45.2904	105.6594895	105.675639	0.927709	105.673323	
2010	157	400	157.166666667		06/06/2010 4:00	90.1174	1.2899	12.64	45.2981	105.6571448	105.673295	0.925403	105.671017	
2010	157	500	157.208333333		06/06/2010 5:00	89.9474	1.2875	12.94	45.3038	105.6554118	105.671562	0.923698	105.669313	
2010	157	600	157.250000000		06/06/2010 6:00	89.8174	1.2857	13.54	45.3081	105.6540865	105.670236	0.922395	105.668009	
2010	157	700	157.291666667		06/06/2010 7:00	89.7174	1.2843	13.52	45.3115	105.6530671	105.669217	0.921392	105.667006	
2010	157	800	157.333333333		06/06/2010 8:00	88.5274	1.2677	13.49	45.3513	105.640936	105.657086	0.909461	105.655075	
2010	157	900	157.375000000		06/06/2010 9:00	89.5074	1.2813	13.46	45.3185	105.6509263	105.667076	0.919287	105.664901	
2010	157	1000	157.416666667		06/06/2010 10:00	88.5874	1.2685	13.45	45.3493	105.6415476	105.657697	0.910063	105.655677	
2010	157	1100	157.458333333		06/06/2010 11:00	86.6574	1.2415	13.41	45.4138	105.6218728	105.638023	0.890712	105.636326	
2010	157	1200	157.500000000		06/06/2010 12:00	88.5074	1.2674	13.37	45.3519	105.6407321	105.656882	0.909260	105.654874	
2010	157	1300	157.541666667		06/06/2010 13:00	88.4574	1.2667	13.36	45.3536	105.6402224	105.656372	0.908759	105.654373	
2010	157	1400	157.583333333		06/06/2010 14:00	87.3074	1.2506	13.33	45.3921	105.628499	105.644649	0.897229	105.642843	
2010	157	1500	157.625000000		06/06/2010 15:00	88.6074	1.2688	13.32	45.3486	105.6417515	105.657901	0.910263	105.655877	
2010	157	1600	157.666666667		06/06/2010 16:00	87.3974	1.2519	13.33	45.3891	105.6294165	105.645566	0.898131	105.643745	
2010	157	1700	157.708333333		06/06/2010 17:00	87.2474	1.2498	13.36	45.3941	105.6278874	105.644037	0.896627	105.642241	
2010	157	1800	157.750000000		06/06/2010 18:00	87.4174	1.2521	13.35	45.3884	105.6296204	105.645770	0.898332	105.643946	
2010	157	1900	157.791666667		06/06/2010 19:00	86.8774	1.2446	13.28	45.4064	105.6241155	105.640265	0.892917	105.638531	
2010	157	2000	157.833333333		06/06/2010 20:00	87.1474	1.2484	13.12	45.3974	105.626868	105.643018	0.895625	105.641239	
2010	157	2100	157.875000000		06/06/2010 21:00	86.7474	1.2428	13.02	45.4108	105.6227903	105.638940	0.891614	105.637228	
2010	157	2200	157.916666667		06/06/2010 22:00	86.5674	1.2403	12.95	45.4168	105.6209553	105.637105	0.889809	105.635423	
2010	157	2300	157.958333333		06/06/2010 23:00	86.4674	1.2389	12.88	45.4202	105.6199359	105.636086	0.888807	105.634421	
2010	157	2400	158.000000000		06/07/2010 0:00	86.3674	1.2375	12.81	45.4235	105.6189165	105.635066	0.887804	105.633418	
2010	158	100	158.041666667		06/07/2010 1:00	86.3074	1.2366	12.77	45.4255	105.6183048	105.634455	0.887202	105.632816	
2010	158	200	158.083333333		06/07/2010 2:00	86.1474	1.2344	12.71	45.4309	105.6166737	105.632824	0.885598	105.631212	
2010	158	300	158.125000000		06/07/2010 3:00	85.8374	1.2301	12.67	45.4412	105.6135135	105.629663	0.882490	105.628104	
2010	158	400	158.166666667		06/07/2010 4:00	85.6774	1.2278	12.63	45.4466	105.6118825	105.628032	0.880886	105.626500	
2010	158	500	158.208333333		06/07/2010 5:00	85.5974	1.2267	12.79	45.4493	105.6110669	105.627217	0.880084	105.625698	
2010	158	600	158.250000000		06/07/2010 6:00	85.4074	1.2240	13.54	45.4556	105.60913	105.625280	0.878179	105.623793	
2010	158	700	158.291666667		06/07/2010 7:00	84.3374	1.2091	13.52	45.4914	105.5982222	105.614372	0.867450	105.613064	
2010	158	800	158.333333333		06/07/2010 8:00	85.7074	1.2282	13.44	45.4456	105.6121883	105.628338	0.881187	105.626801	
2010	158	900	158.375000000		06/07/2010 9:00	85.4674	1.2249	13.39	45.4536	105.6097417	105.625892	0.878780	105.624394	
2010	158	1000	158.416666667		06/07/2010 10:00	84.9574	1.2178	13.36	45.4707	105.6045426	105.620692	0.873667	105.619281	
2010	158	1100	158.458333333		06/07/2010 11:00	85.2374	1.2217	13.34	45.4613	105.607397	105.623547	0.876474	105.622088	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1200	158.500000000		06/07/2010 12:00	85.1074	1.2199	13.33	45.4656	105.6060718	105.622222	0.875171	105.620785	
2010	158	1300	158.541666667		06/07/2010 13:00	85.3574	1.2233	13.33	45.4573	105.6086203	105.624770	0.877677	105.623291	
2010	158	1400	158.583333333		06/07/2010 14:00	84.8174	1.2158	13.3	45.4753	105.6031154	105.619265	0.872263	105.617877	
2010	158	1500	158.625000000		06/07/2010 15:00	84.8974	1.2169	13.28	45.4727	105.603931	105.620081	0.873065	105.618679	
2010	158	1600	158.666666667		06/07/2010 16:00	85.7774	1.2292	13.28	45.4432	105.6129019	105.629052	0.881888	105.627502	
2010	158	1700	158.708333333		06/07/2010 17:00	84.7874	1.2154	13.29	45.4763	105.6028096	105.618959	0.871962	105.617576	
2010	158	1800	158.750000000		06/07/2010 18:00	85.7474	1.2288	13.31	45.4442	105.6125961	105.628746	0.881588	105.627202	
2010	158	1900	158.791666667		06/07/2010 19:00	85.7774	1.2292	13.27	45.4432	105.6129019	105.629052	0.881888	105.627502	
2010	158	2000	158.833333333		06/07/2010 20:00	85.8674	1.2305	13.1	45.4402	105.6138194	105.629969	0.882791	105.628405	
2010	158	2100	158.875000000		06/07/2010 21:00	86.1374	1.2342	12.99	45.4312	105.6165718	105.632722	0.885498	105.631112	
2010	158	2200	158.916666667		06/07/2010 22:00	86.3074	1.2366	12.92	45.4255	105.6183048	105.634455	0.887202	105.632816	
2010	158	2300	158.958333333		06/07/2010 23:00	86.3474	1.2372	12.84	45.4242	105.6187126	105.634862	0.887603	105.633217	
2010	158	2400	159.000000000		06/08/2010 0:00	86.5074	1.2394	12.79	45.4188	105.6203437	105.636493	0.889208	105.634822	
2010	159	100	159.041666667		06/08/2010 1:00	86.6474	1.2414	12.73	45.4141	105.6217709	105.637921	0.890611	105.636225	
2010	159	200	159.083333333		06/08/2010 2:00	86.6574	1.2415	12.69	45.4138	105.6218728	105.638023	0.890712	105.636326	
2010	159	300	159.125000000		06/08/2010 3:00	86.7774	1.2432	12.64	45.4098	105.6230961	105.639246	0.891915	105.637529	
2010	159	400	159.166666667		06/08/2010 4:00	86.8674	1.2445	12.61	45.4068	105.6240136	105.640163	0.892817	105.638431	
2010	159	500	159.208333333		06/08/2010 5:00	86.2974	1.2365	12.89	45.4258	105.6182029	105.634353	0.887102	105.632716	
2010	159	600	159.250000000		06/08/2010 6:00	86.6474	1.2414	13.57	45.4141	105.6217709	105.637921	0.890611	105.636225	
2010	159	700	159.291666667		06/08/2010 7:00	86.9474	1.2456	13.54	45.4041	105.6248291	105.640979	0.893619	105.639233	
2010	159	800	159.333333333		06/08/2010 8:00	86.6674	1.2417	13.48	45.4135	105.6219747	105.638125	0.890812	105.636426	
2010	159	900	159.375000000		06/08/2010 9:00	86.3274	1.2369	13.4	45.4248	105.6185087	105.634659	0.887403	105.633017	
2010	159	1000	159.416666667		06/08/2010 10:00	86.5974	1.2407	13.36	45.4158	105.6212611	105.637411	0.890110	105.635724	
2010	159	1100	159.458333333		06/08/2010 11:00	86.1374	1.2342	13.33	45.4312	105.6165718	105.632722	0.885498	105.631112	
2010	159	1200	159.500000000		06/08/2010 12:00	86.2074	1.2352	13.32	45.4289	105.6172854	105.633435	0.886200	105.631814	
2010	159	1300	159.541666667		06/08/2010 13:00	87.0074	1.2464	13.31	45.4021	105.6254408	105.641591	0.894221	105.639835	
2010	159	1400	159.583333333		06/08/2010 14:00	86.0574	1.2331	13.29	45.4339	105.6157563	105.631906	0.884696	105.630310	
2010	159	1500	159.625000000		06/08/2010 15:00	88.1574	1.2625	13.27	45.3636	105.6371641	105.653314	0.905751	105.651365	
2010	159	1600	159.666666667		06/08/2010 16:00	86.9474	1.2456	13.29	45.4041	105.6248291	105.640979	0.893619	105.639233	
2010	159	1700	159.708333333		06/08/2010 17:00	87.7774	1.2572	13.29	45.3763	105.6332903	105.649440	0.901941	105.647555	
2010	159	1800	159.750000000		06/08/2010 18:00	87.9574	1.2597	13.31	45.3703	105.6351253	105.651275	0.903746	105.649360	
2010	159	1900	159.791666667		06/08/2010 19:00	88.2474	1.2637	13.1	45.3606	105.6380816	105.654231	0.906654	105.652268	
2010	159	2000	159.833333333		06/08/2010 20:00	88.3474	1.2651	12.99	45.3573	105.639101	105.655251	0.907656	105.653270	
2010	159	2100	159.875000000		06/08/2010 21:00	88.9174	1.2731	12.91	45.3382	105.6449117	105.661062	0.913371	105.658985	
2010	159	2200	159.916666667		06/08/2010 22:00	89.6974	1.2840	12.84	45.3121	105.6528632	105.669013	0.921192	105.666806	
2010	159	2300	159.958333333		06/08/2010 23:00	89.7874	1.2853	12.78	45.3091	105.6537807	105.669931	0.922094	105.667708	
2010	159	2400	160.000000000		06/09/2010 0:00	90.1874	1.2908	12.73	45.2957	105.6578584	105.674008	0.926105	105.671719	
2010	160	100	160.041666667		06/09/2010 1:00	90.7174	1.2983	12.68	45.2780	105.6632613	105.679411	0.931419	105.677033	
2010	160	200	160.083333333		06/09/2010 2:00	91.1274	1.3040	12.65	45.2643	105.667441	105.683591	0.935530	105.681144	
2010	160	300	160.125000000		06/09/2010 3:00	91.6774	1.3117	12.62	45.2459	105.6730478	105.689198	0.941044	105.686658	
2010	160	400	160.166666667		06/09/2010 4:00	92.1774	1.3187	12.62	45.2292	105.6781449	105.694295	0.946057	105.691671	
2010	160	500	160.208333333		06/09/2010 5:00	92.6174	1.3248	12.92	45.2145	105.6826303	105.698780	0.950469	105.696083	
2010	160	600	160.250000000		06/09/2010 6:00	92.7974	1.3273	13.52	45.2084	105.6844653	105.700615	0.952274	105.697888	
2010	160	700	160.291666667		06/09/2010 7:00	92.7274	1.3263	13.48	45.2108	105.6837517	105.699902	0.951572	105.697186	
2010	160	800	160.333333333		06/09/2010 8:00	93.4674	1.3367	13.45	45.1860	105.6912954	105.707445	0.958991	105.704605	
2010	160	900	160.375000000		06/09/2010 9:00	94.4874	1.3509	13.42	45.1519	105.7016935	105.717843	0.969218	105.714832	
2010	160	1000	160.416666667		06/09/2010 10:00	96.3874	1.3775	13.41	45.0884	105.7210626	105.737212	0.988268	105.733882	
2010	160	1100	160.458333333		06/09/2010 11:00	95.7374	1.3684	13.41	45.1101	105.7144363	105.730586	0.981751	105.727365	
2010	160	1200	160.500000000		06/09/2010 12:00	96.5174	1.3793	13.38	45.0840	105.7223878	105.738538	0.989572	105.735186	
2010	160	1300	160.541666667		06/09/2010 13:00	97.1274	1.3878	13.36	45.0636	105.7286063	105.744756	0.995688	105.741302	
2010	160	1400	160.583333333		06/09/2010 14:00	98.4974	1.4070	13.33	45.0178	105.7425724	105.758722	1.009424	105.755038	
2010	160	1500	160.625000000		06/09/2010 15:00	99.0174	1.4143	13.36	45.0004	105.7478733	105.764023	1.014638	105.760252	
2010	160	1600	160.666666667		06/09/2010 16:00	99.4574	1.4204	13.37	44.9857	105.7523588	105.768509	1.019049	105.764664	
2010	160	1700	160.708333333		06/09/2010 17:00	100.3174	1.4324	13.37	44.9569	105.7611258	105.777276	1.027672	105.773286	
2010	160	1800	160.750000000		06/09/2010 18:00	101.1774	1.4444	13.39	44.9282	105.7698929	105.786043	1.036295	105.781909	
2010	160	1900	160.791666667		06/09/2010 19:00	102.1174	1.4576	13.35	44.8967	105.7794754	105.795625	1.045720	105.791334	
2010	160	2000	160.833333333		06/09/2010 20:00	102.5974	1.4643	13.17	44.8807	105.7843687	105.800518	1.050532	105.796146	
2010	160	2100	160.875000000		06/09/2010 21:00	103.3474	1.4748	13.07	44.8556	105.7920143	105.808164	1.058052	105.803666	
2010	160	2200	160.916666667		06/09/2010 22:00	104.1974	1.4866	12.99	44.8272	105.8006794	105.816829	1.066575	105.812189	
2010	160	2300	160.958333333		06/09/2010 23:00	104.7874	1.4949	12.92	44.8074	105.806694	105.822844	1.072490	105.818104	
2010	160	2400	161.000000000		06/10/2010 0:00	105.5474	1.5055	12.84	44.7820	105.8144416	105.830591	1.080110	105.825724	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	161	100	161.041666667		06/10/2010 1:00	106.3374	1.5165	12.79	44.7556	105.822495	105.838645	1.088031	105.833645	
2010	161	200	161.083333333		06/10/2010 2:00	106.9774	1.5255	12.74	44.7342	105.8290193	105.845169	1.094448	105.840062	
2010	161	300	161.125000000		06/10/2010 3:00	107.7874	1.5368	12.69	44.7071	105.8372767	105.853426	1.102569	105.848183	
2010	161	400	161.166666667		06/10/2010 4:00	108.3274	1.5444	12.65	44.6890	105.8427815	105.858931	1.107984	105.853598	
2010	161	500	161.208333333		06/10/2010 5:00	109.1874	1.5564	12.97	44.6603	105.8515486	105.867698	1.116606	105.862220	
2010	161	600	161.250000000		06/10/2010 6:00	109.4674	1.5603	13.61	44.6509	105.8544029	105.870553	1.119414	105.865028	
2010	161	700	161.291666667		06/10/2010 7:00	110.2574	1.5713	13.57	44.6245	105.8624564	105.878606	1.127335	105.872949	
2010	161	800	161.333333333		06/10/2010 8:00	110.2274	1.5709	13.52	44.6255	105.8621505	105.878300	1.127034	105.872648	
2010	161	900	161.375000000		06/10/2010 9:00	112.0574	1.5965	13.47	44.5643	105.880806	105.896956	1.145382	105.890996	
2010	161	1000	161.416666667		06/10/2010 10:00	112.4874	1.6025	13.43	44.5499	105.8851895	105.901339	1.149693	105.895307	
2010	161	1100	161.458333333		06/10/2010 11:00	113.8874	1.6221	13.4	44.5031	105.8994614	105.915611	1.163730	105.909344	
2010	161	1200	161.500000000		06/10/2010 12:00	113.4674	1.6162	13.39	44.5171	105.8951798	105.911330	1.159519	105.905133	
2010	161	1300	161.541666667		06/10/2010 13:00	114.8574	1.6356	13.37	44.4706	105.9093498	105.925500	1.173456	105.919070	
2010	161	1400	161.583333333		06/10/2010 14:00	115.4374	1.6437	13.38	44.4512	105.9152624	105.931412	1.179271	105.924885	
2010	161	1500	161.625000000		06/10/2010 15:00	116.0974	1.6529	13.47	44.4292	105.9219906	105.938140	1.185889	105.931503	
2010	161	1600	161.666666667		06/10/2010 16:00	116.2874	1.6556	13.46	44.4228	105.9239275	105.940077	1.187794	105.933408	
2010	161	1700	161.708333333		06/10/2010 17:00	118.0974	1.6809	13.42	44.3623	105.9423791	105.958529	1.205941	105.951555	
2010	161	1800	161.750000000		06/10/2010 18:00	119.7974	1.7047	13.43	44.3054	105.9597092	105.975859	1.222986	105.968600	
2010	161	1900	161.791666667		06/10/2010 19:00	120.2174	1.7105	13.4	44.2914	105.9639908	105.980141	1.227197	105.972811	
2010	161	2000	161.833333333		06/10/2010 20:00	120.3574	1.7125	13.19	44.2867	105.965418	105.981568	1.228601	105.974215	
2010	161	2100	161.875000000		06/10/2010 21:00	121.0074	1.7216	13.09	44.2649	105.9720442	105.988194	1.235118	105.980732	
2010	161	2200	161.916666667		06/10/2010 22:00	121.7874	1.7325	13.01	44.2389	105.9799957	105.996146	1.242939	105.988553	
2010	161	2300	161.958333333		06/10/2010 23:00	122.3974	1.7410	12.93	44.2185	105.9862142	106.002364	1.249055	105.994669	
2010	161	2400	162.000000000		06/11/2010 0:00	123.0874	1.7506	12.86	44.1954	105.9932482	106.009398	1.255973	106.001587	
2010	162	100	162.041666667		06/11/2010 1:00	123.5874	1.7576	12.8	44.1787	105.9983453	106.014495	1.260986	106.006600	
2010	162	200	162.083333333		06/11/2010 2:00	123.9774	1.7631	12.74	44.1656	106.0023211	106.018471	1.264897	106.010511	
2010	162	300	162.125000000		06/11/2010 3:00	124.6574	1.7726	12.7	44.1429	106.0092531	106.025403	1.271715	106.017329	
2010	162	400	162.166666667		06/11/2010 4:00	125.2474	1.7808	12.65	44.1231	106.0152677	106.031418	1.277630	106.023244	
2010	162	500	162.208333333		06/11/2010 5:00	125.4174	1.7832	13.01	44.1175	106.0170007	106.033151	1.279335	106.024949	
2010	162	600	162.250000000		06/11/2010 6:00	125.6274	1.7861	13.58	44.1104	106.0191415	106.035291	1.281440	106.027054	
2010	162	700	162.291666667		06/11/2010 7:00	126.6674	1.8007	13.53	44.0756	106.0297435	106.045893	1.291868	106.037482	
2010	162	800	162.333333333		06/11/2010 8:00	127.3274	1.8099	13.48	44.0536	106.0364717	106.052622	1.298485	106.044099	
2010	162	900	162.375000000		06/11/2010 9:00	127.8974	1.8179	13.42	44.0345	106.0422824	106.058432	1.304200	106.049814	
2010	162	1000	162.416666667		06/11/2010 10:00	128.2274	1.8225	13.39	44.0235	106.0456465	106.061796	1.307509	106.053123	
2010	162	1100	162.458333333		06/11/2010 11:00	128.9874	1.8331	13.37	43.9981	106.0533941	106.069544	1.315129	106.060743	
2010	162	1200	162.500000000		06/11/2010 12:00	128.9674	1.8328	13.36	43.9987	106.0531902	106.069340	1.314928	106.060542	
2010	162	1300	162.541666667		06/11/2010 13:00	130.3274	1.8518	13.35	43.9532	106.0670544	106.083204	1.328564	106.074178	
2010	162	1400	162.583333333		06/11/2010 14:00	128.8374	1.8310	13.32	44.0031	106.051865	106.068015	1.313625	106.059239	
2010	162	1500	162.625000000		06/11/2010 15:00	131.8474	1.8731	13.3	43.9024	106.0825496	106.098699	1.343804	106.089418	
2010	162	1600	162.666666667		06/11/2010 16:00	131.6174	1.8698	13.3	43.9101	106.0802049	106.096355	1.341498	106.087112	
2010	162	1700	162.708333333		06/11/2010 17:00	132.3774	1.8805	13.3	43.8847	106.0879525	106.104102	1.349118	106.094732	
2010	162	1800	162.750000000		06/11/2010 18:00	133.4374	1.8953	13.31	43.8492	106.0987584	106.114908	1.359746	106.105360	
2010	162	1900	162.791666667		06/11/2010 19:00	134.2574	1.9067	13.27	43.8218	106.1071176	106.123267	1.367968	106.113582	
2010	162	2000	162.833333333		06/11/2010 20:00	134.9774	1.9168	13.1	43.7977	106.1144575	106.130607	1.375187	106.120801	
2010	162	2100	162.875000000		06/11/2010 21:00	135.7074	1.9270	13	43.7733	106.1218993	106.138049	1.382506	106.128120	
2010	162	2200	162.916666667		06/11/2010 22:00	136.3574	1.9361	12.92	43.7516	106.1285255	106.144675	1.389023	106.134637	
2010	162	2300	162.958333333		06/11/2010 23:00	137.3074	1.9494	12.86	43.7198	106.13821	106.154360	1.398548	106.144162	
2010	162	2400	163.000000000		06/12/2010 0:00	137.6974	1.9548	12.79	43.7067	106.1421858	106.158336	1.402459	106.148073	
2010	163	100	163.041666667		06/12/2010 1:00	138.3874	1.9645	12.74	43.6837	106.1492198	106.165370	1.409377	106.154991	
2010	163	200	163.083333333		06/12/2010 2:00	138.9874	1.9728	12.69	43.6636	106.1553363	106.171486	1.415393	106.161007	
2010	163	300	163.125000000		06/12/2010 3:00	139.4074	1.9787	12.64	43.6495	106.1596179	106.175768	1.419604	106.165218	
2010	163	400	163.166666667		06/12/2010 4:00	140.0474	1.9877	12.6	43.6281	106.1661422	106.182292	1.426021	106.171635	
2010	163	500	163.208333333		06/12/2010 5:00	139.7074	1.9829	12.91	43.6395	106.1626761	106.178826	1.422612	106.168226	
2010	163	600	163.250000000		06/12/2010 6:00	140.1374	1.9889	13.56	43.6251	106.1670596	106.183209	1.426923	106.172537	
2010	163	700	163.291666667		06/12/2010 7:00	141.0774	2.0021	13.51	43.5937	106.1766422	106.192792	1.436348	106.181962	
2010	163	800	163.333333333		06/12/2010 8:00	141.2674	2.0047	13.44	43.5873	106.1785791	106.194729	1.438253	106.183867	
2010	163	900	163.375000000		06/12/2010 9:00	141.6474	2.0100	13.39	43.5746	106.1824529	106.198603	1.442063	106.187677	
2010	163	1000	163.416666667		06/12/2010 10:00	142.3774	2.0202	13.33	43.5502	106.1898947	106.206045	1.449382	106.194996	
2010	163	1100	163.458333333		06/12/2010 11:00	141.9574	2.0143	13.31	43.5643	106.1856131	106.201763	1.445171	106.190785	
2010	163	1200	163.500000000		06/12/2010 12:00	142.9874	2.0287	13.3	43.5298	106.1961132	106.212263	1.455498	106.201112	
2010	163	1300	163.541666667		06/12/2010 13:00	142.6074	2.0234	13.29	43.5425	106.1922394	106.208389	1.451688	106.197302	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1400	163.583333333		06/12/2010 14:00	143.2374	2.0322	13.26	43.5215	106.1986617	106.214812	1.458005	106.203619	
2010	163	1500	163.625000000		06/12/2010 15:00	144.0974	2.0443	13.25	43.4927	106.2074288	106.223579	1.466628	106.212242	
2010	163	1600	163.666666667		06/12/2010 16:00	144.1174	2.0445	13.23	43.4920	106.2076326	106.223782	1.466828	106.212442	
2010	163	1700	163.708333333		06/12/2010 17:00	143.8774	2.0412	13.24	43.5000	106.205186	106.221336	1.464422	106.210036	
2010	163	1800	163.750000000		06/12/2010 18:00	144.8274	2.0545	13.24	43.4683	106.2148705	106.231020	1.473947	106.219561	
2010	163	1900	163.791666667		06/12/2010 19:00	145.0574	2.0577	13.18	43.4606	106.2172152	106.233365	1.476253	106.221867	
2010	163	2000	163.833333333		06/12/2010 20:00	145.2574	2.0605	13.01	43.4539	106.219254	106.235404	1.478258	106.223872	
2010	163	2100	163.875000000		06/12/2010 21:00	145.5974	2.0652	12.91	43.4425	106.2227201	106.238870	1.481667	106.227281	
2010	163	2200	163.916666667		06/12/2010 22:00	145.4174	2.0627	12.84	43.4485	106.2208851	106.237035	1.479863	106.225477	
2010	163	2300	163.958333333		06/12/2010 23:00	145.1974	2.0596	12.77	43.4559	106.2186424	106.234792	1.477657	106.223271	
2010	163	2400	164.000000000		06/13/2010 0:00	145.3174	2.0613	12.72	43.4519	106.2198657	106.236016	1.478860	106.224474	
2010	164	100	164.041666667		06/13/2010 1:00	145.1274	2.0586	12.67	43.4582	106.2179288	106.234079	1.476955	106.222569	
2010	164	200	164.083333333		06/13/2010 2:00	144.5574	2.0507	12.63	43.4773	106.2121181	106.228268	1.471240	106.216854	
2010	164	300	164.125000000		06/13/2010 3:00	144.5074	2.0500	12.61	43.4790	106.2116084	106.227758	1.470739	106.216353	
2010	164	400	164.166666667		06/13/2010 4:00	144.1574	2.0451	12.6	43.4907	106.2080404	106.224190	1.467229	106.212843	
2010	164	500	164.208333333		06/13/2010 5:00	143.5874	2.0371	12.9	43.5097	106.2022297	106.218380	1.461514	106.207128	
2010	164	600	164.250000000		06/13/2010 6:00	143.1674	2.0313	13.5	43.5238	106.1979481	106.214098	1.457303	106.202917	
2010	164	700	164.291666667		06/13/2010 7:00	142.9974	2.0289	13.46	43.5295	106.1962151	106.212365	1.455599	106.201213	
2010	164	800	164.333333333		06/13/2010 8:00	141.8974	2.0135	13.4	43.5663	106.1850015	106.201151	1.444570	106.190184	
2010	164	900	164.375000000		06/13/2010 9:00	141.5574	2.0088	13.33	43.5776	106.1815354	106.197685	1.441161	106.186775	
2010	164	1000	164.416666667		06/13/2010 10:00	140.5874	1.9952	13.29	43.6101	106.171647	106.187797	1.431435	106.177049	
2010	164	1100	164.458333333		06/13/2010 11:00	141.0974	2.0023	13.26	43.5930	106.1768461	106.192996	1.436549	106.182163	
2010	164	1200	164.500000000		06/13/2010 12:00	141.7874	2.0120	13.25	43.5699	106.1838801	106.200030	1.443467	106.189081	
2010	164	1300	164.541666667		06/13/2010 13:00	142.2474	2.0184	13.22	43.5546	106.1885694	106.204719	1.448079	106.193693	
2010	164	1400	164.583333333		06/13/2010 14:00	141.3474	2.0058	13.2	43.5847	106.1793947	106.195544	1.439055	106.184669	
2010	164	1500	164.625000000		06/13/2010 15:00	141.1874	2.0036	13.18	43.5900	106.1777636	106.193913	1.437451	106.183065	
2010	164	1600	164.666666667		06/13/2010 16:00	141.6074	2.0095	13.18	43.5760	106.1820451	106.198195	1.441662	106.187276	
2010	164	1700	164.708333333		06/13/2010 17:00	141.4574	2.0074	13.19	43.5810	106.180516	106.196666	1.440158	106.185772	
2010	164	1800	164.750000000		06/13/2010 18:00	141.5974	2.0093	13.19	43.5763	106.1819432	106.198093	1.441562	106.187176	
2010	164	1900	164.791666667		06/13/2010 19:00	141.8974	2.0135	13.2	43.5663	106.1850015	106.201151	1.444570	106.190184	
2010	164	2000	164.833333333		06/13/2010 20:00	141.8174	2.0124	13.01	43.5689	106.1841859	106.200336	1.443768	106.189382	
2010	164	2100	164.875000000		06/13/2010 21:00	141.8174	2.0124	12.9	43.5689	106.1841859	106.200336	1.443768	106.189382	
2010	164	2200	164.916666667		06/13/2010 22:00	141.8274	2.0125	12.83	43.5686	106.1842879	106.200438	1.443868	106.189482	
2010	164	2300	164.958333333		06/13/2010 23:00	141.7174	2.0110	12.77	43.5723	106.1831665	106.199316	1.442765	106.188379	
2010	164	2400	165.000000000		06/14/2010 0:00	141.4874	2.0078	12.71	43.5800	106.1808218	106.196972	1.440459	106.186073	
2010	165	100	165.041666667		06/14/2010 1:00	141.3474	2.0058	12.67	43.5847	106.1793947	106.195544	1.439055	106.184669	
2010	165	200	165.083333333		06/14/2010 2:00	141.5174	2.0082	12.65	43.5790	106.1811277	106.197277	1.440760	106.186374	
2010	165	300	165.125000000		06/14/2010 3:00	141.2474	2.0044	12.64	43.5880	106.1783752	106.194525	1.438052	106.183666	
2010	165	400	165.166666667		06/14/2010 4:00	141.3074	2.0053	12.62	43.5860	106.1789869	106.195137	1.438654	106.184268	
2010	165	500	165.208333333		06/14/2010 5:00	140.7974	1.9981	12.9	43.6031	106.1737878	106.189938	1.433541	106.179155	
2010	165	600	165.250000000		06/14/2010 6:00	140.3274	1.9916	13.55	43.6188	106.1689965	106.185146	1.428828	106.174442	
2010	165	700	165.291666667		06/14/2010 7:00	139.7574	1.9836	13.52	43.6378	106.1631858	106.179336	1.423113	106.168727	
2010	165	800	165.333333333		06/14/2010 8:00	140.0174	1.9872	13.48	43.6291	106.1658363	106.181986	1.425720	106.171334	
2010	165	900	165.375000000		06/14/2010 9:00	139.8874	1.9854	13.43	43.6335	106.1645111	106.180661	1.424417	106.170031	
2010	165	1000	165.416666667		06/14/2010 10:00	139.7774	1.9839	13.38	43.6372	106.1633897	106.179540	1.423314	106.168928	
2010	165	1100	165.458333333		06/14/2010 11:00	140.2574	1.9906	13.35	43.6211	106.168283	106.184433	1.428126	106.173740	
2010	165	1200	165.500000000		06/14/2010 12:00	138.6274	1.9678	13.34	43.6756	106.1516664	106.167816	1.411783	106.157397	
2010	165	1300	165.541666667		06/14/2010 13:00	139.3274	1.9776	13.33	43.6522	106.1588023	106.174952	1.418802	106.164416	
2010	165	1400	165.583333333		06/14/2010 14:00	139.4374	1.9791	13.29	43.6485	106.1599237	106.176074	1.419905	106.165519	
2010	165	1500	165.625000000		06/14/2010 15:00	139.4574	1.9794	13.29	43.6479	106.1601276	106.176277	1.420105	106.165719	
2010	165	1600	165.666666667		06/14/2010 16:00	139.8874	1.9854	13.27	43.6335	106.1645111	106.180661	1.424417	106.170031	
2010	165	1700	165.708333333		06/14/2010 17:00	139.6874	1.9826	13.27	43.6402	106.1624722	106.178622	1.422411	106.168025	
2010	165	1800	165.750000000		06/14/2010 18:00	139.5274	1.9804	13.31	43.6455	106.1608412	106.176991	1.420807	106.166421	
2010	165	1900	165.791666667		06/14/2010 19:00	140.6674	1.9963	13.2	43.6074	106.1724626	106.188612	1.432237	106.177851	
2010	165	2000	165.833333333		06/14/2010 20:00	140.8974	1.9995	13.06	43.5997	106.1748073	106.190957	1.434543	106.180157	
2010	165	2100	165.875000000		06/14/2010 21:00	141.2474	2.0044	12.97	43.5880	106.1783752	106.194525	1.438052	106.183666	
2010	165	2200	165.916666667		06/14/2010 22:00	141.5674	2.0089	12.9	43.5773	106.1816374	106.197787	1.441261	106.186875	
2010	165	2300	165.958333333		06/14/2010 23:00	141.7574	2.0116	12.82	43.5710	106.1835743	106.199724	1.443166	106.188780	
2010	165	2400	166.000000000		06/15/2010 0:00	142.0374	2.0155	12.77	43.5616	106.1864287	106.202578	1.445973	106.191587	
2010	166	100	166.041666667		06/15/2010 1:00	142.2574	2.0185	12.72	43.5542	106.1886714	106.204821	1.448179	106.193793	
2010	166	200	166.083333333		06/15/2010 2:00	142.6374	2.0239	12.67	43.5415	106.1925452	106.208695	1.451989	106.197603	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	166	300	166.125000000		06/15/2010 3:00	142.8974	2.0275	12.64	43.5328	106.1951957	106.211346	1.454596	106.200210	
2010	166	400	166.166666667		06/15/2010 4:00	143.2074	2.0318	12.62	43.5225	106.1983559	106.214506	1.457704	106.203318	
2010	166	500	166.208333333		06/15/2010 5:00	143.0874	2.0301	12.97	43.5265	106.1971326	106.213282	1.456501	106.202115	
2010	166	600	166.250000000		06/15/2010 6:00	143.0674	2.0299	13.6	43.5271	106.1969287	106.213079	1.456300	106.201914	
2010	166	700	166.291666667		06/15/2010 7:00	143.6274	2.0377	13.56	43.5084	106.2026375	106.218787	1.461915	106.207529	
2010	166	800	166.333333333		06/15/2010 8:00	143.3874	2.0343	13.52	43.5164	106.2001909	106.216341	1.459509	106.205123	
2010	166	900	166.375000000		06/15/2010 9:00	144.2574	2.0465	13.46	43.4873	106.2090598	106.225210	1.468232	106.213846	
2010	166	1000	166.416666667		06/15/2010 10:00	144.9074	2.0556	13.42	43.4656	106.2156861	106.231836	1.474749	106.220363	
2010	166	1100	166.458333333		06/15/2010 11:00	144.6174	2.0515	13.4	43.4753	106.2127297	106.228880	1.471841	106.217455	
2010	166	1200	166.500000000		06/15/2010 12:00	144.7274	2.0531	13.41	43.4716	106.2138511	106.230001	1.472944	106.218558	
2010	166	1300	166.541666667		06/15/2010 13:00	144.1274	2.0447	13.39	43.4917	106.2077346	106.223884	1.466928	106.212542	
2010	166	1400	166.583333333		06/15/2010 14:00	144.7174	2.0529	13.35	43.4720	106.2137492	106.229899	1.472844	106.218458	
2010	166	1500	166.625000000		06/15/2010 15:00	145.0174	2.0571	13.36	43.4619	106.2168074	106.232957	1.475852	106.221466	
2010	166	1600	166.666666667		06/15/2010 16:00	146.0174	2.0711	13.37	43.4285	106.2270017	106.243151	1.485878	106.231492	
2010	166	1700	166.708333333		06/15/2010 17:00	146.7574	2.0814	13.39	43.4037	106.2345454	106.250695	1.493298	106.238912	
2010	166	1800	166.750000000		06/15/2010 18:00	146.5974	2.0792	13.41	43.4091	106.2329143	106.249064	1.491694	106.237308	
2010	166	1900	166.791666667		06/15/2010 19:00	147.4274	2.0908	13.36	43.3813	106.2413755	106.257525	1.500016	106.245630	
2010	166	2000	166.833333333		06/15/2010 20:00	148.2274	2.1020	13.19	43.3546	106.2495309	106.265681	1.508037	106.253651	
2010	166	2100	166.875000000		06/15/2010 21:00	148.6774	2.1083	13.09	43.3395	106.2541183	106.270268	1.512549	106.258163	
2010	166	2200	166.916666667		06/15/2010 22:00	149.2674	2.1165	13.01	43.3198	106.2601329	106.276283	1.518464	106.264078	
2010	166	2300	166.958333333		06/15/2010 23:00	149.7174	2.1228	12.93	43.3047	106.2647203	106.280870	1.522976	106.268590	
2010	166	2400	167.000000000		06/16/2010 0:00	150.1674	2.1291	12.87	43.2897	106.2693077	106.285457	1.527488	106.273102	
2010	167	100	167.041666667		06/16/2010 1:00	150.6574	2.1359	12.81	43.2733	106.2743028	106.290453	1.532401	106.278015	
2010	167	200	167.083333333		06/16/2010 2:00	151.0274	2.1411	12.76	43.2609	106.2780747	106.294225	1.536111	106.281725	
2010	167	300	167.125000000		06/16/2010 3:00	151.0774	2.1418	12.7	43.2592	106.2785844	106.294734	1.536612	106.282226	
2010	167	400	167.166666667		06/16/2010 4:00	151.7574	2.1513	12.66	43.2365	106.2855165	106.301666	1.543430	106.289044	
2010	167	500	167.208333333		06/16/2010 5:00	152.0274	2.1551	12.91	43.2275	106.2882689	106.304419	1.546137	106.291751	
2010	167	600	167.250000000		06/16/2010 6:00	152.2174	2.1577	13.69	43.2211	106.2902058	106.306356	1.548042	106.293656	
2010	167	700	167.291666667		06/16/2010 7:00	152.2374	2.1580	13.63	43.2204	106.2904097	106.306560	1.548243	106.293857	
2010	167	800	167.333333333		06/16/2010 8:00	153.5374	2.1762	13.57	43.1770	106.3036622	106.319812	1.561277	106.306891	
2010	167	900	167.375000000		06/16/2010 9:00	152.8374	2.1664	13.53	43.2004	106.2965262	106.312676	1.554258	106.299872	
2010	167	1000	167.416666667		06/16/2010 10:00	152.8574	2.1667	13.48	43.1997	106.2967301	106.312880	1.554459	106.300073	
2010	167	1100	167.458333333		06/16/2010 11:00	154.2574	2.1862	13.44	43.1529	106.311002	106.327152	1.568496	106.314110	
2010	167	1200	167.500000000		06/16/2010 12:00	155.9574	2.2100	13.42	43.0960	106.3283322	106.344482	1.585541	106.331155	
2010	167	1300	167.541666667		06/16/2010 13:00	154.9474	2.1959	13.42	43.1298	106.318036	106.334186	1.575414	106.321028	
2010	167	1400	167.583333333		06/16/2010 14:00	155.2174	2.1997	13.39	43.1208	106.3207885	106.336938	1.578121	106.323735	
2010	167	1500	167.625000000		06/16/2010 15:00	156.0874	2.2118	13.37	43.0917	106.3296574	106.345807	1.586844	106.332458	
2010	167	1600	167.666666667		06/16/2010 16:00	156.6874	2.2202	13.39	43.0716	106.335774	106.351924	1.592860	106.338474	
2010	167	1700	167.708333333		06/16/2010 17:00	156.8074	2.2219	13.43	43.0676	106.3369973	106.353147	1.594063	106.339677	
2010	167	1800	167.750000000		06/16/2010 18:00	157.0974	2.2259	13.46	43.0579	106.3399536	106.356103	1.596971	106.342585	
2010	167	1900	167.791666667		06/16/2010 19:00	157.6574	2.2338	13.39	43.0392	106.3456624	106.361812	1.602586	106.348200	
2010	167	2000	167.833333333		06/16/2010 20:00	158.1974	2.2413	13.23	43.0211	106.3511672	106.367317	1.608000	106.353614	
2010	167	2100	167.875000000		06/16/2010 21:00	158.5374	2.2461	13.12	43.0097	106.3546333	106.370783	1.611409	106.357023	
2010	167	2200	167.916666667		06/16/2010 22:00	159.0274	2.2529	13.04	42.9933	106.3596284	106.375778	1.616322	106.361936	
2010	167	2300	167.958333333		06/16/2010 23:00	159.4774	2.2592	12.97	42.9783	106.3642158	106.380366	1.620834	106.366448	
2010	167	2400	168.000000000		06/17/2010 0:00	159.8374	2.2642	12.9	42.9663	106.3678858	106.384036	1.624443	106.370057	
2010	168	100	168.041666667		06/17/2010 1:00	160.3474	2.2714	12.84	42.9492	106.3730848	106.389235	1.629557	106.375171	
2010	168	200	168.083333333		06/17/2010 2:00	160.5474	2.2741	12.79	42.9425	106.3751237	106.391273	1.631562	106.377176	
2010	168	300	168.125000000		06/17/2010 3:00	160.8874	2.2789	12.73	42.9311	106.3785897	106.394740	1.634971	106.380585	
2010	168	400	168.166666667		06/17/2010 4:00	161.1774	2.2830	12.69	42.9214	106.381546	106.397696	1.637878	106.383492	
2010	168	500	168.208333333		06/17/2010 5:00	161.3574	2.2855	12.7	42.9154	106.383381	106.399531	1.639683	106.385297	
2010	168	600	168.250000000		06/17/2010 6:00	161.5774	2.2885	13.56	42.9081	106.3856237	106.401774	1.641889	106.387503	
2010	168	700	168.291666667		06/17/2010 7:00	161.7574	2.2911	13.56	42.9020	106.3874587	106.403608	1.643694	106.389308	
2010	168	800	168.333333333		06/17/2010 8:00	161.8074	2.2918	13.54	42.9004	106.3879684	106.404118	1.644195	106.389809	
2010	168	900	168.375000000		06/17/2010 9:00	162.1774	2.2969	13.48	42.8880	106.3917402	106.407890	1.647905	106.393519	
2010	168	1000	168.416666667		06/17/2010 10:00	162.6574	2.3036	13.44	42.8719	106.3966335	106.412783	1.652718	106.398332	
2010	168	1100	168.458333333		06/17/2010 11:00	162.6874	2.3041	13.42	42.8709	106.3969393	106.413089	1.653018	106.398632	
2010	168	1200	168.500000000		06/17/2010 12:00	162.8274	2.3060	13.39	42.8663	106.3983665	106.414516	1.654422	106.400036	
2010	168	1300	168.541666667		06/17/2010 13:00	163.0074	2.3085	13.37	42.8602	106.4002014	106.416351	1.656227	106.401841	
2010	168	1400	168.583333333		06/17/2010 14:00	163.2174	2.3115	13.35	42.8532	106.4023422	106.418492	1.658332	106.403946	
2010	168	1500	168.625000000		06/17/2010 15:00	163.7274	2.3186	13.36	42.8362	106.4075413	106.423691	1.663446	106.409060	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1600	168.666666667		06/17/2010 16:00	163.7474	2.3189	13.36	42.8355	106.4077452	106.423895	1.663646	106.409260	
2010	168	1700	168.708333333		06/17/2010 17:00	164.4874	2.3292	13.35	42.8107	106.4152889	106.431439	1.671066	106.416680	
2010	168	1800	168.750000000		06/17/2010 18:00	164.3774	2.3277	13.35	42.8144	106.4141675	106.430317	1.669963	106.415577	
2010	168	1900	168.791666667		06/17/2010 19:00	164.7574	2.3330	13.35	42.8017	106.4180413	106.434191	1.673773	106.419387	
2010	168	2000	168.833333333		06/17/2010 20:00	164.8274	2.3340	13.16	42.7994	106.4187549	106.434905	1.674475	106.420089	
2010	168	2100	168.875000000		06/17/2010 21:00	165.1174	2.3380	13.05	42.7897	106.4217112	106.437861	1.677382	106.422996	
2010	168	2200	168.916666667		06/17/2010 22:00	165.5674	2.3443	12.97	42.7746	106.4262986	106.442448	1.681894	106.427508	
2010	168	2300	168.958333333		06/17/2010 23:00	165.5974	2.3447	12.89	42.7736	106.4266045	106.442754	1.682195	106.427809	
2010	168	2400	169.000000000		06/18/2010 0:00	165.7574	2.3470	12.83	42.7683	106.4282355	106.444385	1.683799	106.429413	
2010	169	100	169.041666667		06/18/2010 1:00	165.9474	2.3496	12.78	42.7619	106.4301724	106.446322	1.685704	106.431318	
2010	169	200	169.083333333		06/18/2010 2:00	166.0174	2.3506	12.72	42.7596	106.430886	106.447036	1.686406	106.432020	
2010	169	300	169.125000000		06/18/2010 3:00	166.1074	2.3519	12.67	42.7566	106.4318035	106.447953	1.687309	106.432923	
2010	169	400	169.166666667		06/18/2010 4:00	166.3574	2.3553	12.63	42.7482	106.4343521	106.450502	1.689815	106.435429	
2010	169	500	169.208333333		06/18/2010 5:00	165.7574	2.3470	13.09	42.7683	106.4282355	106.444385	1.683799	106.429413	
2010	169	600	169.250000000		06/18/2010 6:00	166.0174	2.3506	13.63	42.7596	106.430886	106.447036	1.686406	106.432020	
2010	169	700	169.291666667		06/18/2010 7:00	166.5874	2.3586	13.56	42.7405	106.4366967	106.452847	1.692121	106.437735	
2010	169	800	169.333333333		06/18/2010 8:00	166.3974	2.3559	13.49	42.7469	106.4347598	106.450910	1.690216	106.435830	
2010	169	900	169.375000000		06/18/2010 9:00	166.5374	2.3579	13.44	42.7422	106.436187	106.452337	1.691620	106.437234	
2010	169	1000	169.416666667		06/18/2010 10:00	167.0774	2.3654	13.4	42.7241	106.4416919	106.457842	1.697034	106.442648	
2010	169	1100	169.458333333		06/18/2010 11:00	167.6974	2.3741	13.37	42.7034	106.4480123	106.464162	1.703251	106.448865	
2010	169	1200	169.500000000		06/18/2010 12:00	167.3274	2.3689	13.35	42.7157	106.4442405	106.460390	1.699541	106.445155	
2010	169	1300	169.541666667		06/18/2010 13:00	167.9674	2.3778	13.32	42.6943	106.4507648	106.466915	1.705958	106.451572	
2010	169	1400	169.583333333		06/18/2010 14:00	167.6374	2.3732	13.27	42.7054	106.4474007	106.463551	1.702649	106.448263	
2010	169	1500	169.625000000		06/18/2010 15:00	168.4174	2.3841	13.26	42.6793	106.4553522	106.471502	1.710470	106.456084	
2010	169	1600	169.666666667		06/18/2010 16:00	169.3474	2.3971	13.25	42.6482	106.4648328	106.480983	1.719794	106.465408	
2010	169	1700	169.708333333		06/18/2010 17:00	170.1274	2.4080	13.26	42.6221	106.4727843	106.488934	1.727615	106.473229	
2010	169	1800	169.750000000		06/18/2010 18:00	170.2074	2.4091	13.27	42.6194	106.4735998	106.489750	1.728417	106.474031	
2010	169	1900	169.791666667		06/18/2010 19:00	170.6874	2.4159	13.29	42.6034	106.478493	106.494643	1.733229	106.478843	
2010	169	2000	169.833333333		06/18/2010 20:00	170.6474	2.4153	13.09	42.6047	106.4780853	106.494235	1.732828	106.478442	
2010	169	2100	169.875000000		06/18/2010 21:00	170.9974	2.4202	12.99	42.5930	106.4816533	106.497803	1.736338	106.481952	
2010	169	2200	169.916666667		06/18/2010 22:00	170.9074	2.4189	12.9	42.5960	106.4807358	106.496886	1.735435	106.481049	
2010	169	2300	169.958333333		06/18/2010 23:00	171.6574	2.4294	12.83	42.5709	106.4883814	106.504531	1.742955	106.488569	
2010	169	2400	170.000000000		06/19/2010 0:00	171.3874	2.4256	12.77	42.5800	106.485629	106.501779	1.740248	106.485862	
2010	170	100	170.041666667		06/19/2010 1:00	171.6974	2.4300	12.71	42.5696	106.4887892	106.504939	1.743356	106.488970	
2010	170	200	170.083333333		06/19/2010 2:00	171.5974	2.4286	12.67	42.5729	106.4877698	106.503920	1.742353	106.487967	
2010	170	300	170.125000000		06/19/2010 3:00	171.5574	2.4280	12.65	42.5743	106.487362	106.503512	1.741952	106.487566	
2010	170	400	170.166666667		06/19/2010 4:00	171.4274	2.4262	12.64	42.5786	106.4860368	106.502187	1.740649	106.486263	
2010	170	500	170.208333333		06/19/2010 5:00	171.2074	2.4231	13.47	42.5860	106.483794	106.499944	1.738443	106.484057	
2010	170	600	170.250000000		06/19/2010 6:00	171.2474	2.4237	13.49	42.5846	106.4842018	106.500352	1.738844	106.484458	
2010	170	700	170.291666667		06/19/2010 7:00	171.2374	2.4235	13.52	42.5850	106.4840999	106.500250	1.738744	106.484358	
2010	170	800	170.333333333		06/19/2010 8:00	170.9374	2.4194	13.51	42.5950	106.4810416	106.497191	1.735736	106.481350	
2010	170	900	170.375000000		06/19/2010 9:00	170.9974	2.4202	13.46	42.5930	106.4816533	106.497803	1.736338	106.481952	
2010	170	1000	170.416666667		06/19/2010 10:00	170.2674	2.4100	13.39	42.6174	106.4742115	106.490361	1.729018	106.474632	
2010	170	1100	170.458333333		06/19/2010 11:00	170.7574	2.4168	13.35	42.6010	106.4792066	106.495356	1.733931	106.479545	
2010	170	1200	170.500000000		06/19/2010 12:00	171.4074	2.4259	13.33	42.5793	106.4858329	106.501983	1.740448	106.486062	
2010	170	1300	170.541666667		06/19/2010 13:00	171.0574	2.4210	13.32	42.5910	106.4822649	106.498415	1.736939	106.482553	
2010	170	1400	170.583333333		06/19/2010 14:00	171.1374	2.4221	13.3	42.5883	106.4830804	106.499230	1.737741	106.483355	
2010	170	1500	170.625000000		06/19/2010 15:00	170.9574	2.4196	13.27	42.5943	106.4812455	106.497395	1.735937	106.481551	
2010	170	1600	170.666666667		06/19/2010 16:00	171.3774	2.4255	13.27	42.5803	106.4855271	106.501677	1.740148	106.485762	
2010	170	1700	170.708333333		06/19/2010 17:00	171.5874	2.4284	13.27	42.5733	106.4876678	106.503818	1.742253	106.487867	
2010	170	1800	170.750000000		06/19/2010 18:00	171.9274	2.4332	13.3	42.5619	106.4911339	106.507284	1.745662	106.491276	
2010	170	1900	170.791666667		06/19/2010 19:00	171.9474	2.4335	13.14	42.5612	106.4913378	106.507488	1.745863	106.491477	
2010	170	2000	170.833333333		06/19/2010 20:00	171.7674	2.4310	13.03	42.5672	106.4895028	106.505653	1.744058	106.489672	
2010	170	2100	170.875000000		06/19/2010 21:00	171.9774	2.4339	12.94	42.5602	106.4916436	106.507793	1.746164	106.491778	
2010	170	2200	170.916666667		06/19/2010 22:00	171.8874	2.4326	12.87	42.5632	106.4907261	106.506876	1.745261	106.490875	
2010	170	2300	170.958333333		06/19/2010 23:00	172.0074	2.4343	12.81	42.5592	106.4919494	106.508099	1.746464	106.492078	
2010	170	2400	171.000000000		06/20/2010 0:00	172.2174	2.4372	12.75	42.5522	106.4940902	106.510240	1.748570	106.494184	
2010	171	100	171.041666667		06/20/2010 1:00	172.2174	2.4372	12.71	42.5522	106.4940902	106.510240	1.748570	106.494184	
2010	171	200	171.083333333		06/20/2010 2:00	172.4274	2.4402	12.67	42.5452	106.496231	106.512381	1.750675	106.496289	
2010	171	300	171.125000000		06/20/2010 3:00	172.4574	2.4406	12.65	42.5442	106.4965368	106.512687	1.750976	106.496590	
2010	171	400	171.166666667		06/20/2010 4:00	172.7474	2.4446	12.64	42.5345	106.4994931	106.515643	1.753884	106.499498	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	171	500	171.208333333		06/20/2010 5:00	172.8274	2.4458	12.64	42.5318	106.5003087	106.516459	1.754686	106.500300	
2010	171	600	171.250000000		06/20/2010 6:00	173.0674	2.4491	13.3	42.5238	106.5027553	106.518905	1.757092	106.502706	
2010	171	700	171.291666667		06/20/2010 7:00	173.1874	2.4508	13.52	42.5198	106.5039786	106.520128	1.758295	106.503909	
2010	171	800	171.333333333		06/20/2010 8:00	173.2374	2.4515	13.49	42.5181	106.5044883	106.520638	1.758797	106.504411	
2010	171	900	171.375000000		06/20/2010 9:00	173.6774	2.4576	13.48	42.5034	106.5089738	106.525124	1.763208	106.508822	
2010	171	1000	171.416666667		06/20/2010 10:00	173.1474	2.4502	13.44	42.5211	106.5035708	106.519721	1.757894	106.503508	
2010	171	1100	171.458333333		06/20/2010 11:00	174.1774	2.4646	13.41	42.4866	106.5140709	106.530221	1.768222	106.513836	
2010	171	1200	171.500000000		06/20/2010 12:00	173.7774	2.4590	13.38	42.5000	106.5099932	106.526143	1.764211	106.509825	
2010	171	1300	171.541666667		06/20/2010 13:00	174.0374	2.4627	13.38	42.4913	106.5126437	106.528794	1.766818	106.512432	
2010	171	1400	171.583333333		06/20/2010 14:00	173.3174	2.4526	13.35	42.5154	106.5053038	106.521454	1.759599	106.505213	
2010	171	1500	171.625000000		06/20/2010 15:00	173.2274	2.4514	13.34	42.5184	106.5043864	106.520536	1.758697	106.504311	
2010	171	1600	171.666666667		06/20/2010 16:00	172.3674	2.4393	13.36	42.5472	106.4956193	106.511769	1.750074	106.495688	
2010	171	1700	171.708333333		06/20/2010 17:00	173.0674	2.4491	13.37	42.5238	106.5027553	106.518905	1.757092	106.502706	
2010	171	1800	171.750000000		06/20/2010 18:00	172.4074	2.4399	13.4	42.5458	106.4960271	106.512177	1.750475	106.496089	
2010	171	1900	171.791666667		06/20/2010 19:00	172.2574	2.4378	13.42	42.5509	106.494498	106.510648	1.748971	106.494585	
2010	171	2000	171.833333333		06/20/2010 20:00	171.7074	2.4301	13.2	42.5693	106.4888911	106.505041	1.743456	106.489070	
2010	171	2100	171.875000000		06/20/2010 21:00	171.4274	2.4262	13.09	42.5786	106.4860368	106.502187	1.740649	106.486263	
2010	171	2200	171.916666667		06/20/2010 22:00	171.3674	2.4254	13	42.5806	106.4854251	106.501575	1.740047	106.485661	
2010	171	2300	171.958333333		06/20/2010 23:00	171.0374	2.4207	12.94	42.5917	106.482061	106.498211	1.736739	106.482353	
2010	171	2400	172.000000000		06/21/2010 0:00	170.8474	2.4181	12.86	42.5980	106.4801241	106.496274	1.734834	106.480448	
2010	172	100	172.041666667		06/21/2010 1:00	170.8174	2.4177	12.8	42.5990	106.4798183	106.495968	1.734533	106.480147	
2010	172	200	172.083333333		06/21/2010 2:00	170.8174	2.4177	12.75	42.5990	106.4798183	106.495968	1.734533	106.480147	
2010	172	300	172.125000000		06/21/2010 3:00	170.6974	2.4160	12.71	42.6030	106.478595	106.494745	1.733330	106.478944	
2010	172	400	172.166666667		06/21/2010 4:00	170.6574	2.4154	12.67	42.6044	106.4781872	106.494337	1.732929	106.478543	
2010	172	500	172.208333333		06/21/2010 5:00	170.8874	2.4187	12.97	42.5967	106.4805319	106.496682	1.735235	106.480849	
2010	172	600	172.250000000		06/21/2010 6:00	171.0074	2.4203	13.56	42.5927	106.4817552	106.497905	1.736438	106.482052	
2010	172	700	172.291666667		06/21/2010 7:00	171.1474	2.4223	13.54	42.5880	106.4831824	106.499332	1.737842	106.483456	
2010	172	800	172.333333333		06/21/2010 8:00	171.2974	2.4244	13.52	42.5830	106.4847115	106.500861	1.739346	106.484960	
2010	172	900	172.375000000		06/21/2010 9:00	171.6274	2.4290	13.46	42.5719	106.4880756	106.504225	1.742654	106.488268	
2010	172	1000	172.416666667		06/21/2010 10:00	171.8274	2.4318	13.44	42.5652	106.4901145	106.506264	1.744660	106.490274	
2010	172	1100	172.458333333		06/21/2010 11:00	172.4374	2.4403	13.41	42.5448	106.4963329	106.512483	1.750776	106.496390	
2010	172	1200	172.500000000		06/21/2010 12:00	172.6574	2.4434	13.38	42.5375	106.4985757	106.514725	1.752981	106.498595	
2010	172	1300	172.541666667		06/21/2010 13:00	173.0974	2.4495	13.36	42.5228	106.5030611	106.519211	1.757393	106.503007	
2010	172	1400	172.583333333		06/21/2010 14:00	173.2874	2.4522	13.35	42.5164	106.504998	106.521148	1.759298	106.504912	
2010	172	1500	172.625000000		06/21/2010 15:00	173.6174	2.4568	13.33	42.5054	106.5083621	106.524512	1.762607	106.508221	
2010	172	1600	172.666666667		06/21/2010 16:00	173.4974	2.4551	13.37	42.5094	106.5071388	106.523289	1.761404	106.507018	
2010	172	1700	172.708333333		06/21/2010 17:00	173.8474	2.4600	13.35	42.4977	106.5107068	106.526857	1.764913	106.510527	
2010	172	1800	172.750000000		06/21/2010 18:00	174.3374	2.4669	13.33	42.4813	106.5157019	106.531852	1.769826	106.515440	
2010	172	1900	172.791666667		06/21/2010 19:00	174.9374	2.4753	13.37	42.4612	106.5218185	106.537968	1.775842	106.521456	
2010	172	2000	172.833333333		06/21/2010 20:00	174.5374	2.4697	13.18	42.4746	106.5177408	106.533891	1.771831	106.517445	
2010	172	2100	172.875000000		06/21/2010 21:00	174.7074	2.4720	13.06	42.4689	106.5194738	106.535624	1.773536	106.519150	
2010	172	2200	172.916666667		06/21/2010 22:00	174.6874	2.4718	12.97	42.4696	106.5192699	106.535420	1.773335	106.518949	
2010	172	2300	172.958333333		06/21/2010 23:00	174.6074	2.4706	12.9	42.4723	106.5184544	106.534604	1.772533	106.518147	
2010	172	2400	173.000000000		06/22/2010 0:00	174.5674	2.4701	12.84	42.4736	106.5180466	106.534196	1.772132	106.517746	
2010	173	100	173.041666667		06/22/2010 1:00	174.5274	2.4695	12.79	42.4749	106.5176388	106.533789	1.771731	106.517345	
2010	173	200	173.083333333		06/22/2010 2:00	174.4174	2.4680	12.73	42.4786	106.5165175	106.532667	1.770628	106.516242	
2010	173	300	173.125000000		06/22/2010 3:00	174.5274	2.4695	12.67	42.4749	106.5176388	106.533789	1.771731	106.517345	
2010	173	400	173.166666667		06/22/2010 4:00	174.3574	2.4671	12.64	42.4806	106.5159058	106.532056	1.770026	106.515640	
2010	173	500	173.208333333		06/22/2010 5:00	173.9674	2.4617	12.95	42.4937	106.5119301	106.528080	1.766116	106.511730	
2010	173	600	173.250000000		06/22/2010 6:00	174.3274	2.4667	13.57	42.4816	106.5156	106.531750	1.769726	106.515340	
2010	173	700	173.291666667		06/22/2010 7:00	173.8574	2.4602	13.5	42.4973	106.5108087	106.526959	1.765013	106.510627	
2010	173	800	173.333333333		06/22/2010 8:00	173.7474	2.4586	13.45	42.5010	106.5096874	106.525837	1.763910	106.509524	
2010	173	900	173.375000000		06/22/2010 9:00	174.1474	2.4642	13.39	42.4876	106.513765	106.529915	1.767921	106.513535	
2010	173	1000	173.416666667		06/22/2010 10:00	174.2674	2.4659	13.35	42.4836	106.5149883	106.531138	1.769124	106.514738	
2010	173	1100	173.458333333		06/22/2010 11:00	175.1274	2.4779	13.31	42.4549	106.5237554	106.539905	1.777747	106.523361	
2010	173	1200	173.500000000		06/22/2010 12:00	175.8774	2.4884	13.31	42.4298	106.531401	106.547551	1.785266	106.530880	
2010	173	1300	173.541666667		06/22/2010 13:00	176.6174	2.4987	13.3	42.4050	106.5389448	106.555095	1.792686	106.538300	
2010	173	1400	173.583333333		06/22/2010 14:00	177.0674	2.5050	13.27	42.3900	106.5435322	106.559682	1.797198	106.542812	
2010	173	1500	173.625000000		06/22/2010 15:00	177.2374	2.5074	13.24	42.3843	106.5452652	106.561415	1.798902	106.544516	
2010	173	1600	173.666666667		06/22/2010 16:00	178.4974	2.5250	13.23	42.3422	106.5581099	106.574260	1.811536	106.557150	
2010	173	1700	173.708333333		06/22/2010 17:00	178.8174	2.5295	13.23	42.3315	106.561372	106.577522	1.814744	106.560358	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	173	1800	173.750000000		06/22/2010 18:00	179.1774	2.5345	13.25	42.3194	106.565042	106.581192	1.818354	106.563968	
2010	173	1900	173.791666667		06/22/2010 19:00	179.7074	2.5419	13.27	42.3017	106.5704449	106.586595	1.823668	106.569282	
2010	173	2000	173.833333333		06/22/2010 20:00	180.2074	2.5489	13.07	42.2850	106.575542	106.591692	1.828681	106.574295	
2010	173	2100	173.875000000		06/22/2010 21:00	180.6274	2.5548	12.97	42.2709	106.5798236	106.595973	1.832892	106.578506	
2010	173	2200	173.916666667		06/22/2010 22:00	181.1774	2.5625	12.88	42.2525	106.5854304	106.601580	1.838406	106.584020	
2010	173	2300	173.958333333		06/22/2010 23:00	181.6674	2.5693	12.82	42.2361	106.5904256	106.606575	1.843319	106.588933	
2010	173	2400	174.000000000		06/23/2010 0:00	182.1274	2.5757	12.76	42.2208	106.5951149	106.611265	1.847931	106.593545	
2010	174	100	174.041666667		06/23/2010 1:00	182.6274	2.5827	12.7	42.2040	106.600212	106.616362	1.852945	106.598559	
2010	174	200	174.083333333		06/23/2010 2:00	183.0474	2.5886	12.67	42.1900	106.6044936	106.620643	1.857156	106.602770	
2010	174	300	174.125000000		06/23/2010 3:00	183.7374	2.5982	12.65	42.1669	106.6115276	106.627677	1.864074	106.609688	
2010	174	400	174.166666667		06/23/2010 4:00	184.2174	2.6049	12.65	42.1509	106.6164208	106.632571	1.868887	106.614501	
2010	174	500	174.208333333		06/23/2010 5:00	184.5374	2.6094	13.04	42.1401	106.619683	106.635833	1.872095	106.617709	
2010	174	600	174.250000000		06/23/2010 6:00	184.8574	2.6139	13.47	42.1294	106.6229451	106.639095	1.875303	106.620917	
2010	174	700	174.291666667		06/23/2010 7:00	185.4074	2.6216	13.44	42.1111	106.628552	106.644702	1.880818	106.626432	
2010	174	800	174.333333333		06/23/2010 8:00	185.2574	2.6195	13.39	42.1161	106.6270228	106.643173	1.879314	106.624928	
2010	174	900	174.375000000		06/23/2010 9:00	186.7574	2.6404	13.33	42.0659	106.6423141	106.658464	1.894354	106.639968	
2010	174	1000	174.416666667		06/23/2010 10:00	187.2474	2.6473	13.31	42.0495	106.6473093	106.663459	1.899267	106.644881	
2010	174	1100	174.458333333		06/23/2010 11:00	187.7274	2.6540	13.28	42.0335	106.6522025	106.668352	1.904079	106.649693	
2010	174	1200	174.500000000		06/23/2010 12:00	187.9774	2.6575	13.26	42.0251	106.6547511	106.670901	1.906586	106.652200	
2010	174	1300	174.541666667		06/23/2010 13:00	187.2774	2.6477	13.24	42.0485	106.6476151	106.663765	1.899567	106.645181	
2010	174	1400	174.583333333		06/23/2010 14:00	188.7274	2.6680	13.21	42.0000	106.6623968	106.678547	1.914106	106.659720	
2010	174	1500	174.625000000		06/23/2010 15:00	187.6274	2.6526	13.2	42.0368	106.6511831	106.667333	1.903077	106.648691	
2010	174	1600	174.666666667		06/23/2010 16:00	188.5274	2.6652	13.19	42.0067	106.6603579	106.676508	1.912100	106.657714	
2010	174	1700	174.708333333		06/23/2010 17:00	188.4674	2.6643	13.2	42.0087	106.6597463	106.675896	1.911499	106.657113	
2010	174	1800	174.750000000		06/23/2010 18:00	188.8074	2.6691	13.22	41.9973	106.6632123	106.679362	1.914908	106.660522	
2010	174	1900	174.791666667		06/23/2010 19:00	188.3774	2.6631	13.24	42.0117	106.6588288	106.674979	1.910596	106.656210	
2010	174	2000	174.833333333		06/23/2010 20:00	188.9374	2.6709	13.06	41.9930	106.6645375	106.680687	1.916211	106.661825	
2010	174	2100	174.875000000		06/23/2010 21:00	188.8274	2.6694	12.94	41.9967	106.6634162	106.679566	1.915108	106.660722	
2010	174	2200	174.916666667		06/23/2010 22:00	188.6174	2.6664	12.86	42.0037	106.6612754	106.677425	1.913003	106.658617	
2010	174	2300	174.958333333		06/23/2010 23:00	189.3074	2.6761	12.79	41.9806	106.6683094	106.684459	1.919921	106.665535	
2010	174	2400	175.000000000		06/24/2010 0:00	189.4974	2.6787	12.74	41.9743	106.6702463	106.686396	1.921826	106.667440	
2010	175	100	175.041666667		06/24/2010 1:00	189.7474	2.6822	12.69	41.9659	106.6727949	106.688945	1.924333	106.669947	
2010	175	200	175.083333333		06/24/2010 2:00	189.8274	2.6833	12.67	41.9632	106.6736104	106.689760	1.925135	106.670749	
2010	175	300	175.125000000		06/24/2010 3:00	190.3474	2.6906	12.65	41.9458	106.6789114	106.695061	1.930348	106.675962	
2010	175	400	175.166666667		06/24/2010 4:00	190.6074	2.6942	12.64	41.9371	106.6815619	106.697712	1.932955	106.678569	
2010	175	500	175.208333333		06/24/2010 5:00	190.2974	2.6899	12.87	41.9475	106.6784017	106.694552	1.929847	106.675461	
2010	175	600	175.250000000		06/24/2010 6:00	190.5174	2.6930	13.44	41.9401	106.6806444	106.696794	1.932053	106.677667	
2010	175	700	175.291666667		06/24/2010 7:00	191.4874	2.7065	13.39	41.9077	106.6905328	106.706683	1.941778	106.687392	
2010	175	800	175.333333333		06/24/2010 8:00	191.8774	2.7120	13.35	41.8947	106.6945086	106.710658	1.945689	106.691303	
2010	175	900	175.375000000		06/24/2010 9:00	192.4074	2.7194	13.3	41.8769	106.6999115	106.716061	1.951003	106.696617	
2010	175	1000	175.416666667		06/24/2010 10:00	191.6574	2.7089	13.26	41.9020	106.6922658	106.708416	1.943483	106.689097	
2010	175	1100	175.458333333		06/24/2010 11:00	191.4574	2.7061	13.23	41.9087	106.690227	106.706377	1.941478	106.687092	
2010	175	1200	175.500000000		06/24/2010 12:00	193.1474	2.7297	13.23	41.8522	106.7074552	106.723605	1.958422	106.704036	
2010	175	1300	175.541666667		06/24/2010 13:00	193.5374	2.7352	13.22	41.8391	106.711431	106.727581	1.962333	106.707947	
2010	175	1400	175.583333333		06/24/2010 14:00	195.1674	2.7580	13.19	41.7846	106.7280475	106.744197	1.978676	106.724290	
2010	175	1500	175.625000000		06/24/2010 15:00	194.0374	2.7422	13.19	41.8224	106.7165281	106.732678	1.967346	106.712960	
2010	175	1600	175.666666667		06/24/2010 16:00	194.6674	2.7510	13.19	41.8013	106.7229504	106.739100	1.973662	106.719276	
2010	175	1700	175.708333333		06/24/2010 17:00	195.9274	2.7686	13.19	41.7592	106.7357951	106.751945	1.986296	106.731910	
2010	175	1800	175.750000000		06/24/2010 18:00	195.9074	2.7683	13.21	41.7599	106.7355913	106.751741	1.986095	106.731709	
2010	175	1900	175.791666667		06/24/2010 19:00	196.4274	2.7756	13.18	41.7425	106.7408922	106.757042	1.991309	106.736923	
2010	175	2000	175.833333333		06/24/2010 20:00	196.6174	2.7782	12.99	41.7361	106.7428292	106.758979	1.993214	106.738828	
2010	175	2100	175.875000000		06/24/2010 21:00	196.5674	2.7775	12.89	41.7378	106.7423194	106.758469	1.992713	106.738327	
2010	175	2200	175.916666667		06/24/2010 22:00	197.0174	2.7838	12.82	41.7227	106.7469068	106.763057	1.997224	106.742838	
2010	175	2300	175.958333333		06/24/2010 23:00	197.2774	2.7875	12.77	41.7141	106.7495573	106.765707	1.999831	106.745445	
2010	175	2400	176.000000000		06/25/2010 0:00	197.4674	2.7901	12.71	41.7077	106.7514942	106.767644	2.001736	106.747350	
2010	176	100	176.041666667		06/25/2010 1:00	197.6074	2.7921	12.68	41.7030	106.7529214	106.769071	2.003140	106.748754	
2010	176	200	176.083333333		06/25/2010 2:00	197.8074	2.7949	12.67	41.6963	106.7549603	106.771110	2.005145	106.750759	
2010	176	300	176.125000000		06/25/2010 3:00	198.0074	2.7977	12.65	41.6896	106.7569991	106.773149	2.007151	106.752765	
2010	176	400	176.166666667		06/25/2010 4:00	198.0574	2.7984	12.64	41.6880	106.7575088	106.773659	2.007652	106.753266	
2010	176	500	176.208333333		06/25/2010 5:00	198.2774	2.8014	12.91	41.6806	106.7597516	106.775901	2.009858	106.755472	
2010	176	600	176.250000000		06/25/2010 6:00	198.7574	2.8081	13.45	41.6646	106.7646448	106.780795	2.014670	106.760284	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	176	700	176.291666667		06/25/2010 7:00	198.7574	2.8081	13.43	41.6646	106.7646448	106.780795	2.014670	106.760284	
2010	176	800	176.333333333		06/25/2010 8:00	198.4074	2.8033	13.41	41.6763	106.7610768	106.777227	2.011161	106.756775	
2010	176	900	176.375000000		06/25/2010 9:00	198.8274	2.8091	13.36	41.6622	106.7653584	106.781508	2.015372	106.760986	
2010	176	1000	176.416666667		06/25/2010 10:00	198.0274	2.7979	13.31	41.6890	106.757203	106.773353	2.007351	106.752965	
2010	176	1100	176.458333333		06/25/2010 11:00	199.5174	2.8188	13.28	41.6391	106.7723924	106.788542	2.022290	106.767904	
2010	176	1200	176.500000000		06/25/2010 12:00	199.0474	2.8122	13.29	41.6549	106.7676011	106.783751	2.017578	106.763192	
2010	176	1300	176.541666667		06/25/2010 13:00	197.6874	2.7932	13.27	41.7003	106.753737	106.769887	2.003942	106.749556	
2010	176	1400	176.583333333		06/25/2010 14:00	199.7474	2.8220	13.23	41.6314	106.7747371	106.790887	2.024596	106.770210	
2010	176	1500	176.625000000		06/25/2010 15:00	200.0474	2.8262	13.21	41.6214	106.7777953	106.793945	2.027604	106.773218	
2010	176	1600	176.666666667		06/25/2010 16:00	199.8474	2.8234	13.2	41.6281	106.7757565	106.791906	2.025599	106.771213	
2010	176	1700	176.708333333		06/25/2010 17:00	199.7874	2.8225	13.21	41.6301	106.7751448	106.791295	2.024998	106.770612	
2010	176	1800	176.750000000		06/25/2010 18:00	200.0974	2.8269	13.21	41.6197	106.778305	106.794455	2.028106	106.773720	
2010	176	1900	176.791666667		06/25/2010 19:00	200.0174	2.8258	13.19	41.6224	106.7774895	106.793639	2.027304	106.772918	
2010	176	2000	176.833333333		06/25/2010 20:00	200.1074	2.8270	13.01	41.6194	106.778407	106.794557	2.028206	106.773820	
2010	176	2100	176.875000000		06/25/2010 21:00	200.1174	2.8271	12.89	41.6191	106.7785089	106.794659	2.028306	106.773920	
2010	176	2200	176.916666667		06/25/2010 22:00	199.9274	2.8245	12.83	41.6254	106.776572	106.792722	2.026401	106.772015	
2010	176	2300	176.958333333		06/25/2010 23:00	200.0574	2.8263	12.76	41.6211	106.7778973	106.794047	2.027705	106.773319	
2010	176	2400	177.000000000		06/26/2010 0:00	200.1474	2.8276	12.71	41.6181	106.7788147	106.794965	2.028607	106.774221	
2010	177	100	177.041666667		06/26/2010 1:00	199.8974	2.8241	12.67	41.6264	106.7762662	106.792416	2.026100	106.771714	
2010	177	200	177.083333333		06/26/2010 2:00	200.0374	2.8260	12.66	41.6217	106.7776934	106.793843	2.027504	106.773118	
2010	177	300	177.125000000		06/26/2010 3:00	200.2474	2.8290	12.65	41.6147	106.7798342	106.795984	2.029610	106.775224	
2010	177	400	177.166666667		06/26/2010 4:00	200.4774	2.8322	12.64	41.6070	106.7821788	106.798329	2.031916	106.777530	
2010	177	500	177.208333333		06/26/2010 5:00	200.2774	2.8294	12.87	41.6137	106.78014	106.796290	2.029910	106.775524	
2010	177	600	177.250000000		06/26/2010 6:00	199.9174	2.8244	13.48	41.6258	106.7764701	106.792620	2.026301	106.771915	
2010	177	700	177.291666667		06/26/2010 7:00	200.3074	2.8298	13.43	41.6127	106.7804458	106.796596	2.030211	106.775825	
2010	177	800	177.333333333		06/26/2010 8:00	200.3874	2.8309	13.39	41.6100	106.7812614	106.797411	2.031013	106.776627	
2010	177	900	177.375000000		06/26/2010 9:00	200.9674	2.8390	13.34	41.5906	106.787174	106.803324	2.036829	106.782443	
2010	177	1000	177.416666667		06/26/2010 10:00	200.9074	2.8382	13.31	41.5926	106.7865624	106.802712	2.036227	106.781841	
2010	177	1100	177.458333333		06/26/2010 11:00	200.9274	2.8385	13.27	41.5920	106.7867662	106.802916	2.036428	106.782042	
2010	177	1200	177.500000000		06/26/2010 12:00	201.9574	2.8529	13.26	41.5575	106.7972663	106.813416	2.046755	106.792369	
2010	177	1300	177.541666667		06/26/2010 13:00	202.1074	2.8550	13.25	41.5525	106.7987954	106.814945	2.048259	106.793873	
2010	177	1400	177.583333333		06/26/2010 14:00	202.4574	2.8599	13.21	41.5408	106.8023634	106.818513	2.051768	106.797382	
2010	177	1500	177.625000000		06/26/2010 15:00	203.1474	2.8695	13.19	41.5177	106.8093974	106.825547	2.058686	106.804300	
2010	177	1600	177.666666667		06/26/2010 16:00	203.0974	2.8688	13.19	41.5194	106.8088877	106.825038	2.058185	106.803799	
2010	177	1700	177.708333333		06/26/2010 17:00	203.1074	2.8689	13.19	41.5191	106.8089896	106.825139	2.058285	106.803899	
2010	177	1800	177.750000000		06/26/2010 18:00	203.3274	2.8720	13.21	41.5117	106.8112324	106.827382	2.060491	106.806105	
2010	177	1900	177.791666667		06/26/2010 19:00	203.7374	2.8777	13.15	41.4980	106.815412	106.831562	2.064602	106.810216	
2010	177	2000	177.833333333		06/26/2010 20:00	203.8974	2.8800	12.97	41.4926	106.8170431	106.833193	2.066206	106.811820	
2010	177	2100	177.875000000		06/26/2010 21:00	203.7274	2.8776	12.87	41.4983	106.81531	106.831460	2.064501	106.810115	
2010	177	2200	177.916666667		06/26/2010 22:00	203.9574	2.8808	12.8	41.4906	106.8176547	106.833805	2.066808	106.812422	
2010	177	2300	177.958333333		06/26/2010 23:00	203.8874	2.8798	12.74	41.4930	106.8169411	106.833091	2.066106	106.811720	
2010	177	2400	178.000000000		06/27/2010 0:00	203.7974	2.8786	12.7	41.4960	106.8160236	106.832173	2.065203	106.810817	
2010	178	100	178.041666667		06/27/2010 1:00	203.7374	2.8777	12.67	41.4980	106.815412	106.831562	2.064602	106.810216	
2010	178	200	178.083333333		06/27/2010 2:00	203.6974	2.8772	12.67	41.4993	106.8150042	106.831154	2.064201	106.809815	
2010	178	300	178.125000000		06/27/2010 3:00	203.4274	2.8734	12.66	41.5084	106.8122518	106.828402	2.061494	106.807108	
2010	178	400	178.166666667		06/27/2010 4:00	203.0174	2.8677	12.64	41.5221	106.8080722	106.824222	2.057383	106.802997	
2010	178	500	178.208333333		06/27/2010 5:00	202.2674	2.8572	12.86	41.5472	106.8004265	106.816576	2.049863	106.795477	
2010	178	600	178.250000000		06/27/2010 6:00	202.5374	2.8610	13.46	41.5381	106.8031789	106.819329	2.052570	106.798184	
2010	178	700	178.291666667		06/27/2010 7:00	201.9574	2.8529	13.43	41.5575	106.7972663	106.813416	2.046755	106.792369	
2010	178	800	178.333333333		06/27/2010 8:00	202.1674	2.8558	13.39	41.5505	106.7994071	106.815557	2.048860	106.794474	
2010	178	900	178.375000000		06/27/2010 9:00	201.0774	2.8406	13.34	41.5870	106.7882954	106.804445	2.037932	106.783546	
2010	178	1000	178.416666667		06/27/2010 10:00	201.9274	2.8524	13.29	41.5585	106.7969605	106.813110	2.046454	106.792068	
2010	178	1100	178.458333333		06/27/2010 11:00	200.2974	2.8297	13.26	41.6130	106.7803439	106.796494	2.030111	106.775725	
2010	178	1200	178.500000000		06/27/2010 12:00	200.9974	2.8394	13.26	41.5896	106.7874798	106.803630	2.037129	106.782743	
2010	178	1300	178.541666667		06/27/2010 13:00	200.4974	2.8325	13.23	41.6064	106.7823827	106.798533	2.032116	106.777730	
2010	178	1400	178.583333333		06/27/2010 14:00	200.9474	2.8387	13.21	41.5913	106.7869701	106.803120	2.036628	106.782242	
2010	178	1500	178.625000000		06/27/2010 15:00	200.9674	2.8390	13.19	41.5906	106.787174	106.803324	2.036829	106.782443	
2010	178	1600	178.666666667		06/27/2010 16:00	201.0174	2.8397	13.18	41.5890	106.7876837	106.803834	2.037330	106.782944	
2010	178	1700	178.708333333		06/27/2010 17:00	200.4374	2.8316	13.18	41.6084	106.7817711	106.797921	2.031515	106.777129	
2010	178	1800	178.750000000		06/27/2010 18:00	201.1474	2.8415	13.19	41.5846	106.789009	106.805159	2.038633	106.784247	
2010	178	1900	178.791666667		06/27/2010 19:00	201.8774	2.8517	13.11	41.5602	106.7964507	106.812601	2.045953	106.791567	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	178	2000	178.833333333		06/27/2010 20:00	201.6974	2.8492	12.95	41.5662	106.7946158	106.810766	2.044148	106.789762	
2010	178	2100	178.875000000		06/27/2010 21:00	201.5874	2.8477	12.85	41.5699	106.7934944	106.809644	2.043045	106.788659	
2010	178	2200	178.916666667		06/27/2010 22:00	201.7774	2.8503	12.78	41.5635	106.7954313	106.811581	2.044950	106.790564	
2010	178	2300	178.958333333		06/27/2010 23:00	201.8374	2.8512	12.72	41.5615	106.796043	106.812193	2.045552	106.791166	
2010	178	2400	179.000000000		06/28/2010 0:00	201.8674	2.8516	12.69	41.5605	106.7963488	106.812499	2.045852	106.791466	
2010	179	100	179.041666667		06/28/2010 1:00	201.8574	2.8515	12.69	41.5609	106.7962469	106.812397	2.045752	106.791366	
2010	179	200	179.083333333		06/28/2010 2:00	201.6874	2.8491	12.67	41.5666	106.7945138	106.810664	2.044048	106.789662	
2010	179	300	179.125000000		06/28/2010 3:00	201.6274	2.8483	12.65	41.5686	106.7939022	106.810052	2.043446	106.789060	
2010	179	400	179.166666667		06/28/2010 4:00	201.3374	2.8442	12.64	41.5783	106.7909459	106.807096	2.040538	106.786152	
2010	179	500	179.208333333		06/28/2010 5:00	200.8874	2.8379	12.83	41.5933	106.7863585	106.802508	2.036027	106.781641	
2010	179	600	179.250000000		06/28/2010 6:00	200.6174	2.8341	13.41	41.6023	106.783606	106.799756	2.033319	106.778933	
2010	179	700	179.291666667		06/28/2010 7:00	200.5374	2.8330	13.39	41.6050	106.7827905	106.798940	2.032517	106.778131	
2010	179	800	179.333333333		06/28/2010 8:00	200.6374	2.8344	13.33	41.6017	106.7838099	106.799960	2.033520	106.779134	
2010	179	900	179.375000000		06/28/2010 9:00	200.5074	2.8326	13.29	41.6060	106.7824847	106.798634	2.032217	106.777831	
2010	179	1000	179.416666667		06/28/2010 10:00	198.7274	2.8077	13.26	41.6656	106.764339	106.780489	2.014370	106.759984	
2010	179	1100	179.458333333		06/28/2010 11:00	200.8674	2.8376	13.23	41.5940	106.7861546	106.802304	2.035826	106.781440	
2010	179	1200	179.500000000		06/28/2010 12:00	199.6274	2.8203	13.23	41.6355	106.7735138	106.789664	2.023393	106.769007	
2010	179	1300	179.541666667		06/28/2010 13:00	200.7874	2.8365	13.21	41.5967	106.785339	106.801489	2.035024	106.780638	
2010	179	1400	179.583333333		06/28/2010 14:00	200.3074	2.8298	13.18	41.6127	106.7804458	106.796596	2.030211	106.775825	
2010	179	1500	179.625000000		06/28/2010 15:00	200.2874	2.8295	13.18	41.6134	106.7802419	106.796392	2.030011	106.775625	
2010	179	1600	179.666666667		06/28/2010 16:00	200.0674	2.8265	13.16	41.6207	106.7779992	106.794149	2.027805	106.773419	
2010	179	1700	179.708333333		06/28/2010 17:00	199.8074	2.8228	13.17	41.6294	106.7753487	106.791499	2.025198	106.770812	
2010	179	1800	179.750000000		06/28/2010 18:00	199.8974	2.8241	13.18	41.6264	106.7762662	106.792416	2.026100	106.771714	
2010	179	1900	179.791666667		06/28/2010 19:00	199.8074	2.8228	13.09	41.6294	106.7753487	106.791499	2.025198	106.770812	
2010	179	2000	179.833333333		06/28/2010 20:00	199.9074	2.8242	12.92	41.6261	106.7763681	106.792518	2.026201	106.771815	
2010	179	2100	179.875000000		06/28/2010 21:00	199.8774	2.8238	12.83	41.6271	106.7760623	106.792212	2.025900	106.771514	
2010	179	2200	179.916666667		06/28/2010 22:00	199.9674	2.8251	12.76	41.6241	106.7769798	106.793130	2.026802	106.772416	
2010	179	2300	179.958333333		06/28/2010 23:00	199.8474	2.8234	12.72	41.6281	106.7757565	106.791906	2.025599	106.771213	
2010	179	2400	180.000000000		06/29/2010 0:00	200.0174	2.8258	12.69	41.6224	106.7774895	106.793639	2.027304	106.772918	
2010	180	100	180.041666667		06/29/2010 1:00	200.0174	2.8258	12.69	41.6224	106.7774895	106.793639	2.027304	106.772918	
2010	180	200	180.083333333		06/29/2010 2:00	200.1274	2.8273	12.68	41.6187	106.7786109	106.794761	2.028406	106.774020	
2010	180	300	180.125000000		06/29/2010 3:00	200.2174	2.8285	12.67	41.6157	106.7795283	106.795678	2.029309	106.774923	
2010	180	400	180.166666667		06/29/2010 4:00	200.4474	2.8318	12.66	41.6080	106.781873	106.798023	2.031615	106.777229	
2010	180	500	180.208333333		06/29/2010 5:00	200.4674	2.8320	13.12	41.6074	106.7820769	106.798227	2.031815	106.777429	
2010	180	600	180.250000000		06/29/2010 6:00	201.1074	2.8410	13.42	41.5860	106.7886012	106.804751	2.038232	106.783846	
2010	180	700	180.291666667		06/29/2010 7:00	200.6774	2.8350	13.41	41.6003	106.7842177	106.800368	2.033921	106.779535	
2010	180	800	180.333333333		06/29/2010 8:00	200.1974	2.8283	13.37	41.6164	106.7793245	106.795474	2.029108	106.774722	
2010	180	900	180.375000000		06/29/2010 9:00	200.2774	2.8294	13.36	41.6137	106.78014	106.796290	2.029910	106.775524	
2010	180	1000	180.416666667		06/29/2010 10:00	200.8074	2.8368	13.31	41.5960	106.7855429	106.801693	2.035224	106.780838	
2010	180	1100	180.458333333		06/29/2010 11:00	200.3474	2.8304	13.29	41.6114	106.7808536	106.797003	2.030612	106.776226	
2010	180	1200	180.500000000		06/29/2010 12:00	201.1474	2.8415	13.28	41.5846	106.789009	106.805159	2.038633	106.784247	
2010	180	1300	180.541666667		06/29/2010 13:00	200.5674	2.8334	13.27	41.6040	106.7830963	106.799246	2.032818	106.778432	
2010	180	1400	180.583333333		06/29/2010 14:00	200.9474	2.8387	13.24	41.5913	106.7869701	106.803120	2.036628	106.782242	
2010	180	1500	180.625000000		06/29/2010 15:00	200.9274	2.8385	13.23	41.5920	106.7867662	106.802916	2.036428	106.782042	
2010	180	1600	180.666666667		06/29/2010 16:00	201.6274	2.8483	13.23	41.5686	106.7939022	106.810052	2.043446	106.789060	
2010	180	1700	180.708333333		06/29/2010 17:00	201.8274	2.8510	13.25	41.5619	106.795941	106.812091	2.045451	106.791065	
2010	180	1800	180.750000000		06/29/2010 18:00	201.7574	2.8501	13.27	41.5642	106.7952274	106.811377	2.044750	106.790364	
2010	180	1900	180.791666667		06/29/2010 19:00	202.6574	2.8626	13.3	41.5341	106.8044022	106.820552	2.053773	106.799387	
2010	180	2000	180.833333333		06/29/2010 20:00	202.6274	2.8622	13.09	41.5351	106.8040964	106.820246	2.053472	106.799086	
2010	180	2100	180.875000000		06/29/2010 21:00	202.7974	2.8646	12.98	41.5294	106.8058294	106.821979	2.055177	106.800791	
2010	180	2200	180.916666667		06/29/2010 22:00	202.9274	2.8664	12.91	41.5251	106.8071547	106.823305	2.056480	106.802094	
2010	180	2300	180.958333333		06/29/2010 23:00	203.3174	2.8719	12.84	41.5120	106.8111304	106.827280	2.060391	106.806005	
2010	180	2400	181.000000000		06/30/2010 0:00	203.3374	2.8722	12.77	41.5114	106.8113343	106.827484	2.060591	106.806205	
2010	181	100	181.041666667		06/30/2010 1:00	203.3774	2.8727	12.73	41.5100	106.8117421	106.827892	2.060992	106.806606	
2010	181	200	181.083333333		06/30/2010 2:00	203.3374	2.8722	12.69	41.5114	106.8113343	106.827484	2.060591	106.806205	
2010	181	300	181.125000000		06/30/2010 3:00	203.4074	2.8731	12.65	41.5090	106.8120479	106.828198	2.061293	106.806907	
2010	181	400	181.166666667		06/30/2010 4:00	203.0974	2.8688	12.62	41.5194	106.8088877	106.825038	2.058185	106.803799	
2010	181	500	181.208333333		06/30/2010 5:00	202.5974	2.8618	13.38	41.5361	106.8037906	106.819940	2.053172	106.798786	
2010	181	600	181.250000000		06/30/2010 6:00	202.0074	2.8536	13.59	41.5559	106.797776	106.813926	2.047256	106.792870	
2010	181	700	181.291666667		06/30/2010 7:00	201.7474	2.8499	13.52	41.5645	106.7951255	106.811275	2.044649	106.790263	
2010	181	800	181.333333333		06/30/2010 8:00	201.6174	2.8481	13.47	41.5689	106.7938002	106.809950	2.043346	106.788960	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	181	900	181.375000000		06/30/2010 9:00	201.3674	2.8446	13.44	41.5773	106.7912517	106.807402	2.040839	106.786453	
2010	181	1000	181.416666667		06/30/2010 10:00	201.3774	2.8448	13.42	41.5769	106.7913536	106.807503	2.040939	106.786553	
2010	181	1100	181.458333333		06/30/2010 11:00	200.7974	2.8367	13.4	41.5963	106.785441	106.801591	2.035124	106.780738	
2010	181	1200	181.500000000		06/30/2010 12:00	199.9074	2.8242	13.39	41.6261	106.7763681	106.792518	2.026201	106.771815	
2010	181	1300	181.541666667		06/30/2010 13:00	200.0774	2.8266	13.38	41.6204	106.7781011	106.794251	2.027905	106.773519	
2010	181	1400	181.583333333		06/30/2010 14:00	199.6274	2.8203	13.36	41.6355	106.7735138	106.789664	2.023393	106.769007	
2010	181	1500	181.625000000		06/30/2010 15:00	199.7774	2.8224	13.33	41.6304	106.7750429	106.791193	2.024897	106.770511	
2010	181	1600	181.666666667		06/30/2010 16:00	199.9574	2.8249	13.32	41.6244	106.7768778	106.793028	2.026702	106.772316	
2010	181	1700	181.708333333		06/30/2010 17:00	199.8874	2.8239	13.32	41.6268	106.7761642	106.792314	2.026000	106.771614	
2010	181	1800	181.750000000		06/30/2010 18:00	199.3974	2.8171	13.34	41.6431	106.7711691	106.787319	2.021087	106.766701	
2010	181	1900	181.791666667		06/30/2010 19:00	200.3874	2.8309	13.37	41.6100	106.7812614	106.797411	2.031013	106.776627	
2010	181	2000	181.833333333		06/30/2010 20:00	200.5874	2.8337	13.17	41.6033	106.7833002	106.799450	2.033019	106.778633	
2010	181	2100	181.875000000		06/30/2010 21:00	200.8074	2.8368	13.05	41.5960	106.7855429	106.801693	2.035224	106.780838	
2010	181	2200	181.916666667		06/30/2010 22:00	200.7674	2.8362	12.97	41.5973	106.7851352	106.801285	2.034823	106.780437	
2010	181	2300	181.958333333		06/30/2010 23:00	201.0574	2.8403	12.91	41.5876	106.7880915	106.804241	2.037731	106.783345	
2010	181	2400	182.000000000		07/01/2010 0:00	201.0774	2.8406	12.85	41.5870	106.7882954	106.804445	2.037932	106.783546	
2010	182	100	182.041666667		07/01/2010 1:00	201.2674	2.8432	12.79	41.5806	106.7902323	106.806382	2.039837	106.785451	
2010	182	200	182.083333333		07/01/2010 2:00	201.1574	2.8417	12.75	41.5843	106.7891109	106.805261	2.038734	106.784348	
2010	182	300	182.125000000		07/01/2010 3:00	201.1974	2.8422	12.71	41.5829	106.7895187	106.805669	2.039135	106.784749	
2010	182	400	182.166666667		07/01/2010 4:00	200.9474	2.8387	12.67	41.5913	106.7869701	106.803120	2.036628	106.782242	
2010	182	500	182.208333333		07/01/2010 5:00	200.6074	2.8340	12.73	41.6027	106.7835041	106.799654	2.033219	106.778833	
2010	182	600	182.250000000		07/01/2010 6:00	200.1774	2.8280	13.56	41.6171	106.7791206	106.795270	2.028908	106.774522	
2010	182	700	182.291666667		07/01/2010 7:00	200.0074	2.8256	13.54	41.6227	106.7773876	106.793537	2.027203	106.772817	
2010	182	800	182.333333333		07/01/2010 8:00	198.2174	2.8006	13.44	41.6826	106.7591399	106.775290	2.009256	106.754870	
2010	182	900	182.375000000		07/01/2010 9:00	199.4674	2.8181	13.4	41.6408	106.7718827	106.788033	2.021789	106.767403	
2010	182	1000	182.416666667		07/01/2010 10:00	198.0274	2.7979	13.36	41.6890	106.757203	106.773353	2.007351	106.752965	
2010	182	1100	182.458333333		07/01/2010 11:00	197.8174	2.7950	13.33	41.6960	106.7550622	106.771212	2.005246	106.750860	
2010	182	1200	182.500000000		07/01/2010 12:00	197.4474	2.7898	13.32	41.7084	106.7512904	106.767440	2.001536	106.747150	
2010	182	1300	182.541666667		07/01/2010 13:00	197.2974	2.7877	13.3	41.7134	106.7497612	106.765911	2.000032	106.745646	
2010	182	1400	182.583333333		07/01/2010 14:00	196.3574	2.7746	13.27	41.7448	106.7401787	106.756328	1.990607	106.736221	
2010	182	1500	182.625000000		07/01/2010 15:00	197.0374	2.7841	13.27	41.7221	106.7471107	106.763261	1.997425	106.743039	
2010	182	1600	182.666666667		07/01/2010 16:00	197.0574	2.7844	13.25	41.7214	106.7473146	106.763464	1.997625	106.743239	
2010	182	1700	182.708333333		07/01/2010 17:00	195.5774	2.7637	13.28	41.7709	106.7322272	106.748377	1.982786	106.728400	
2010	182	1800	182.750000000		07/01/2010 18:00	195.8174	2.7671	13.31	41.7629	106.7346738	106.750824	1.985193	106.730807	
2010	182	1900	182.791666667		07/01/2010 19:00	195.1674	2.7580	13.14	41.7846	106.7280475	106.744197	1.978676	106.724290	
2010	182	2000	182.833333333		07/01/2010 20:00	195.0274	2.7560	13.03	41.7893	106.7266203	106.742770	1.977272	106.722886	
2010	182	2100	182.875000000		07/01/2010 21:00	194.9074	2.7543	12.95	41.7933	106.725397	106.741547	1.976069	106.721683	
2010	182	2200	182.916666667		07/01/2010 22:00	195.1974	2.7584	12.88	41.7836	106.7283534	106.744503	1.978976	106.724590	
2010	182	2300	182.958333333		07/01/2010 23:00	195.2374	2.7590	12.82	41.7823	106.7287611	106.744911	1.979377	106.724991	
2010	182	2400	183.000000000		07/02/2010 0:00	195.3874	2.7610	12.77	41.7773	106.7302903	106.746440	1.980881	106.726495	
2010	183	100	183.041666667		07/02/2010 1:00	195.4774	2.7623	12.72	41.7743	106.7312077	106.747358	1.981784	106.727398	
2010	183	200	183.083333333		07/02/2010 2:00	195.6074	2.7641	12.67	41.7699	106.732533	106.748683	1.983087	106.728701	
2010	183	300	183.125000000		07/02/2010 3:00	195.7774	2.7665	12.64	41.7642	106.734266	106.750416	1.984792	106.730406	
2010	183	400	183.166666667		07/02/2010 4:00	195.8974	2.7682	12.61	41.7602	106.7354893	106.751639	1.985995	106.731609	
2010	183	500	183.208333333		07/02/2010 5:00	195.8774	2.7679	12.81	41.7609	106.7352854	106.751435	1.985794	106.731408	
2010	183	600	183.250000000		07/02/2010 6:00	195.4374	2.7617	13.53	41.7756	106.7308	106.746950	1.981383	106.726997	
2010	183	700	183.291666667		07/02/2010 7:00	195.2874	2.7596	13.5	41.7806	106.7292708	106.745421	1.979879	106.725493	
2010	183	800	183.333333333		07/02/2010 8:00	194.6274	2.7504	13.45	41.8027	106.7225427	106.738692	1.973261	106.718875	
2010	183	900	183.375000000		07/02/2010 9:00	193.5074	2.7348	13.41	41.8401	106.7111251	106.727275	1.962032	106.707646	
2010	183	1000	183.416666667		07/02/2010 10:00	194.3574	2.7467	13.41	41.8117	106.7197902	106.735940	1.970554	106.716168	
2010	183	1100	183.458333333		07/02/2010 11:00	196.1274	2.7714	13.36	41.7525	106.737834	106.753984	1.988301	106.733915	
2010	183	1200	183.500000000		07/02/2010 12:00	193.0374	2.7282	13.34	41.8559	106.7063338	106.722484	1.957319	106.702933	
2010	183	1300	183.541666667		07/02/2010 13:00	193.0974	2.7290	13.32	41.8539	106.7069455	106.723095	1.957921	106.703535	
2010	183	1400	183.583333333		07/02/2010 14:00	192.2474	2.7172	13.33	41.8823	106.6982804	106.714430	1.949399	106.695013	
2010	183	1500	183.625000000		07/02/2010 15:00	191.7974	2.7109	13.35	41.8973	106.693693	106.709843	1.944887	106.690501	
2010	183	1600	183.666666667		07/02/2010 16:00	192.0174	2.7140	13.34	41.8900	106.6959357	106.712086	1.947092	106.692706	
2010	183	1700	183.708333333		07/02/2010 17:00	191.5574	2.7075	13.42	41.9054	106.6912464	106.707396	1.942480	106.688094	
2010	183	1800	183.750000000		07/02/2010 18:00	190.6974	2.6955	13.45	41.9341	106.6824794	106.698629	1.933858	106.679472	
2010	183	1900	183.791666667		07/02/2010 19:00	190.8074	2.6970	13.41	41.9304	106.6836007	106.699751	1.934960	106.680575	
2010	183	2000	183.833333333		07/02/2010 20:00	190.8274	2.6973	13.21	41.9298	106.6838046	106.699954	1.935161	106.680775	
2010	183	2100	183.875000000		07/02/2010 21:00	190.2774	2.6896	13.11	41.9482	106.6781978	106.694348	1.929647	106.675261	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	183	2200	183.916666667		07/02/2010 22:00	189.9474	2.6850	13.03	41.9592	106.6748337	106.690984	1.926338	106.671952	
2010	183	2300	183.958333333		07/02/2010 23:00	190.2674	2.6895	12.96	41.9485	106.6780959	106.694246	1.929546	106.675160	
2010	183	2400	184.000000000		07/03/2010 0:00	190.2874	2.6898	12.89	41.9478	106.6782997	106.694450	1.929747	106.675361	
2010	184	100	184.041666667		07/03/2010 1:00	190.0674	2.6867	12.83	41.9552	106.676057	106.692207	1.927541	106.673155	
2010	184	200	184.083333333		07/03/2010 2:00	190.4774	2.6924	12.78	41.9415	106.6802366	106.696386	1.931652	106.677266	
2010	184	300	184.125000000		07/03/2010 3:00	190.3074	2.6901	12.73	41.9472	106.6785036	106.694653	1.929947	106.675561	
2010	184	400	184.166666667		07/03/2010 4:00	190.4674	2.6923	12.69	41.9418	106.6801347	106.696285	1.931552	106.677166	
2010	184	500	184.208333333		07/03/2010 5:00	190.4774	2.6924	13.12	41.9415	106.6802366	106.696386	1.931652	106.677266	
2010	184	600	184.250000000		07/03/2010 6:00	190.5274	2.6931	13.56	41.9398	106.6807464	106.696896	1.932153	106.677767	
2010	184	700	184.291666667		07/03/2010 7:00	190.8474	2.6976	13.53	41.9291	106.6840085	106.700158	1.935362	106.680976	
2010	184	800	184.333333333		07/03/2010 8:00	190.5374	2.6933	13.49	41.9395	106.6808483	106.696998	1.932253	106.677867	
2010	184	900	184.375000000		07/03/2010 9:00	189.8374	2.6835	13.42	41.9629	106.6737123	106.689862	1.925235	106.670849	
2010	184	1000	184.416666667		07/03/2010 10:00	190.3574	2.6908	13.38	41.9455	106.6790133	106.695163	1.930449	106.676063	
2010	184	1100	184.458333333		07/03/2010 11:00	191.2374	2.7030	13.35	41.9161	106.6879843	106.704134	1.939272	106.684886	
2010	184	1200	184.500000000		07/03/2010 12:00	191.3174	2.7042	13.36	41.9134	106.6887998	106.704950	1.940074	106.685688	
2010	184	1300	184.541666667		07/03/2010 13:00	189.7074	2.6817	13.34	41.9672	106.6723871	106.688537	1.923931	106.669545	
2010	184	1400	184.583333333		07/03/2010 14:00	188.5474	2.6655	13.33	42.0060	106.6605618	106.676712	1.912301	106.657915	
2010	184	1500	184.625000000		07/03/2010 15:00	188.0374	2.6583	13.31	42.0231	106.6553627	106.671513	1.907187	106.652801	
2010	184	1600	184.666666667		07/03/2010 16:00	188.2674	2.6615	13.3	42.0154	106.6577074	106.673857	1.909493	106.655107	
2010	184	1700	184.708333333		07/03/2010 17:00	187.3074	2.6481	13.3	42.0475	106.647921	106.664071	1.899868	106.645482	
2010	184	1800	184.750000000		07/03/2010 18:00	186.7774	2.6407	13.3	42.0652	106.642518	106.658668	1.894554	106.640168	
2010	184	1900	184.791666667		07/03/2010 19:00	186.2174	2.6329	13.28	42.0840	106.6368093	106.652959	1.888939	106.634553	
2010	184	2000	184.833333333		07/03/2010 20:00	185.4374	2.6220	13.1	42.1100	106.6288578	106.645008	1.881119	106.626733	
2010	184	2100	184.875000000		07/03/2010 21:00	184.7474	2.6123	12.99	42.1331	106.6218238	106.637974	1.874201	106.619815	
2010	184	2200	184.916666667		07/03/2010 22:00	183.9574	2.6013	12.91	42.1595	106.6137703	106.629920	1.866280	106.611894	
2010	184	2300	184.958333333		07/03/2010 23:00	183.2374	2.5912	12.86	42.1836	106.6064305	106.622580	1.859061	106.604675	
2010	184	2400	185.000000000		07/04/2010 0:00	182.8374	2.5857	12.8	42.1970	106.6023528	106.618503	1.855050	106.600664	
2010	185	100	185.041666667		07/04/2010 1:00	181.6974	2.5697	12.75	42.2351	106.5907314	106.606881	1.843620	106.589234	
2010	185	200	185.083333333		07/04/2010 2:00	181.4074	2.5657	12.7	42.2448	106.5877751	106.603925	1.840712	106.586326	
2010	185	300	185.125000000		07/04/2010 3:00	180.7974	2.5571	12.65	42.2652	106.5815566	106.597706	1.834596	106.580210	
2010	185	400	185.166666667		07/04/2010 4:00	180.0874	2.5472	12.63	42.2890	106.5743187	106.590469	1.827478	106.573092	
2010	185	500	185.208333333		07/04/2010 5:00	179.3674	2.5372	12.86	42.3131	106.5669789	106.583129	1.820259	106.565873	
2010	185	600	185.250000000		07/04/2010 6:00	178.8574	2.5300	13.54	42.3301	106.5617798	106.577930	1.815145	106.560759	
2010	185	700	185.291666667		07/04/2010 7:00	178.3374	2.5228	13.51	42.3475	106.5564788	106.572629	1.809931	106.555545	
2010	185	800	185.333333333		07/04/2010 8:00	178.0574	2.5189	13.45	42.3569	106.5536244	106.569774	1.807124	106.552738	
2010	185	900	185.375000000		07/04/2010 9:00	177.0174	2.5043	13.42	42.3917	106.5430225	106.559172	1.796697	106.542311	
2010	185	1000	185.416666667		07/04/2010 10:00	176.6374	2.4990	13.36	42.4044	106.5391486	106.555298	1.792887	106.538501	
2010	185	1100	185.458333333		07/04/2010 11:00	176.8574	2.5021	13.33	42.3970	106.5413914	106.557541	1.795092	106.540706	
2010	185	1200	185.500000000		07/04/2010 12:00	175.3274	2.4807	13.31	42.4482	106.5257942	106.541944	1.779752	106.525366	
2010	185	1300	185.541666667		07/04/2010 13:00	175.1774	2.4786	13.29	42.4532	106.5242651	106.540415	1.778248	106.523862	
2010	185	1400	185.583333333		07/04/2010 14:00	175.3374	2.4808	13.27	42.4478	106.5258962	106.542046	1.779852	106.525466	
2010	185	1500	185.625000000		07/04/2010 15:00	174.9574	2.4755	13.26	42.4606	106.5220224	106.538172	1.776042	106.521656	
2010	185	1600	185.666666667		07/04/2010 16:00	174.1474	2.4642	13.26	42.4876	106.513765	106.529915	1.767921	106.513535	
2010	185	1700	185.708333333		07/04/2010 17:00	174.2674	2.4659	13.28	42.4836	106.5149883	106.531138	1.769124	106.514738	
2010	185	1800	185.750000000		07/04/2010 18:00	173.1874	2.4508	13.31	42.5198	106.5039786	106.520128	1.758295	106.503909	
2010	185	1900	185.791666667		07/04/2010 19:00	172.5874	2.4424	13.25	42.5398	106.4978621	106.514012	1.752280	106.497894	
2010	185	2000	185.833333333		07/04/2010 20:00	171.8474	2.4321	13.09	42.5646	106.4903183	106.506468	1.744860	106.490474	
2010	185	2100	185.875000000		07/04/2010 21:00	171.1674	2.4226	12.99	42.5873	106.4833863	106.499536	1.738042	106.483656	
2010	185	2200	185.916666667		07/04/2010 22:00	170.5674	2.4142	12.91	42.6074	106.4772697	106.493420	1.732026	106.477640	
2010	185	2300	185.958333333		07/04/2010 23:00	170.0174	2.4065	12.85	42.6258	106.4716629	106.487813	1.726512	106.472126	
2010	185	2400	186.000000000		07/05/2010 0:00	169.2374	2.3956	12.79	42.6519	106.4637114	106.479861	1.718691	106.464305	
2010	186	100	186.041666667		07/05/2010 1:00	168.3574	2.3833	12.74	42.6813	106.4547405	106.470890	1.709868	106.455482	
2010	186	200	186.083333333		07/05/2010 2:00	167.8974	2.3769	12.69	42.6967	106.4500512	106.466201	1.705256	106.450870	
2010	186	300	186.125000000		07/05/2010 3:00	167.0974	2.3657	12.65	42.7234	106.4418958	106.458046	1.697235	106.442849	
2010	186	400	186.166666667		07/05/2010 4:00	166.1374	2.3523	12.62	42.7555	106.4321093	106.448259	1.687609	106.433223	
2010	186	500	186.208333333		07/05/2010 5:00	164.9574	2.3358	12.84	42.7950	106.4200802	106.436230	1.675778	106.421392	
2010	186	600	186.250000000		07/05/2010 6:00	164.5574	2.3302	13.54	42.8084	106.4160025	106.432152	1.671768	106.417382	
2010	186	700	186.291666667		07/05/2010 7:00	163.2674	2.3122	13.48	42.8515	106.4028519	106.419002	1.658834	106.404448	
2010	186	800	186.333333333		07/05/2010 8:00	162.7274	2.3046	13.42	42.8696	106.3973471	106.413497	1.653419	106.399033	
2010	186	900	186.375000000		07/05/2010 9:00	161.3674	2.2856	13.37	42.9151	106.3834829	106.399633	1.639783	106.385397	
2010	186	1000	186.416666667		07/05/2010 10:00	160.5574	2.2743	13.34	42.9422	106.3752256	106.391375	1.631662	106.377276	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	186	1100	186.458333333		07/05/2010 11:00	161.0174	2.2807	13.31	42.9268	106.3799149	106.396065	1.636274	106.381888	
2010	186	1200	186.500000000		07/05/2010 12:00	160.0374	2.2670	13.32	42.9596	106.3699246	106.386074	1.626448	106.372062	
2010	186	1300	186.541666667		07/05/2010 13:00	159.6274	2.2613	13.31	42.9733	106.365745	106.381895	1.622338	106.367952	
2010	186	1400	186.583333333		07/05/2010 14:00	158.0874	2.2398	13.28	43.0248	106.3500459	106.366196	1.606897	106.352511	
2010	186	1500	186.625000000		07/05/2010 15:00	158.2674	2.2423	13.26	43.0188	106.3518808	106.368031	1.608702	106.354316	
2010	186	1600	186.666666667		07/05/2010 16:00	155.8774	2.2089	13.27	43.0987	106.3275167	106.343666	1.584739	106.330353	
2010	186	1700	186.708333333		07/05/2010 17:00	157.0474	2.2252	13.28	43.0596	106.3394439	106.355594	1.596469	106.342083	
2010	186	1800	186.750000000		07/05/2010 18:00	155.4374	2.2027	13.29	43.1134	106.3230312	106.339181	1.580327	106.325941	
2010	186	1900	186.791666667		07/05/2010 19:00	155.0174	2.1969	13.24	43.1275	106.3187496	106.334899	1.576116	106.321730	
2010	186	2000	186.833333333		07/05/2010 20:00	154.4674	2.1892	13.06	43.1459	106.3131428	106.329293	1.570601	106.316215	
2010	186	2100	186.875000000		07/05/2010 21:00	153.8274	2.1802	12.96	43.1673	106.3066185	106.322768	1.564184	106.309798	
2010	186	2200	186.916666667		07/05/2010 22:00	152.8974	2.1672	12.89	43.1984	106.2971379	106.313288	1.554860	106.300474	
2010	186	2300	186.958333333		07/05/2010 23:00	152.5874	2.1629	12.82	43.2087	106.2939777	106.310128	1.551752	106.297366	
2010	186	2400	187.000000000		07/06/2010 0:00	151.8874	2.1531	12.76	43.2321	106.2868417	106.302992	1.544733	106.290347	
2010	187	100	187.041666667		07/06/2010 1:00	151.6274	2.1495	12.72	43.2408	106.2841912	106.300341	1.542126	106.287740	
2010	187	200	187.083333333		07/06/2010 2:00	151.2974	2.1449	12.68	43.2519	106.2808271	106.296977	1.538818	106.284432	
2010	187	300	187.125000000		07/06/2010 3:00	150.5374	2.1343	12.64	43.2773	106.2730795	106.289229	1.531198	106.276812	
2010	187	400	187.166666667		07/06/2010 4:00	150.1174	2.1284	12.62	43.2913	106.268798	106.284948	1.526987	106.272601	
2010	187	500	187.208333333		07/06/2010 5:00	149.2274	2.1159	12.8	43.3211	106.2597251	106.275875	1.518063	106.263677	
2010	187	600	187.250000000		07/06/2010 6:00	148.8374	2.1105	13.53	43.3342	106.2557494	106.271899	1.514153	106.259767	
2010	187	700	187.291666667		07/06/2010 7:00	148.7374	2.1091	13.48	43.3375	106.2547299	106.270880	1.513150	106.258764	
2010	187	800	187.333333333		07/06/2010 8:00	147.8774	2.0971	13.42	43.3663	106.2459629	106.262113	1.504527	106.250141	
2010	187	900	187.375000000		07/06/2010 9:00	147.8974	2.0974	13.38	43.3656	106.2461668	106.262317	1.504728	106.250342	
2010	187	1000	187.416666667		07/06/2010 10:00	147.0374	2.0853	13.32	43.3944	106.2373998	106.253550	1.496105	106.241719	
2010	187	1100	187.458333333		07/06/2010 11:00	147.7574	2.0954	13.29	43.3703	106.2447396	106.260889	1.503324	106.248938	
2010	187	1200	187.500000000		07/06/2010 12:00	146.4474	2.0771	13.28	43.4141	106.2313852	106.247535	1.490190	106.235804	
2010	187	1300	187.541666667		07/06/2010 13:00	146.2374	2.0742	13.27	43.4211	106.2292444	106.245394	1.488084	106.233698	
2010	187	1400	187.583333333		07/06/2010 14:00	146.8874	2.0832	13.23	43.3994	106.2358706	106.252020	1.494601	106.240215	
2010	187	1500	187.625000000		07/06/2010 15:00	146.2374	2.0742	13.23	43.4211	106.2292444	106.245394	1.488084	106.233698	
2010	187	1600	187.666666667		07/06/2010 16:00	146.4974	2.0778	13.22	43.4124	106.2318949	106.248045	1.490691	106.236305	
2010	187	1700	187.708333333		07/06/2010 17:00	146.1574	2.0730	13.23	43.4238	106.2284288	106.244579	1.487282	106.232896	
2010	187	1800	187.750000000		07/06/2010 18:00	145.8574	2.0689	13.23	43.4338	106.2253706	106.241520	1.484274	106.229888	
2010	187	1900	187.791666667		07/06/2010 19:00	145.9674	2.0704	13.17	43.4301	106.2264919	106.242642	1.485377	106.230991	
2010	187	2000	187.833333333		07/06/2010 20:00	145.9174	2.0697	12.99	43.4318	106.2259822	106.242132	1.484876	106.230490	
2010	187	2100	187.875000000		07/06/2010 21:00	145.5974	2.0652	12.9	43.4425	106.2227201	106.238870	1.481667	106.227281	
2010	187	2200	187.916666667		07/06/2010 22:00	145.4974	2.0638	12.83	43.4459	106.2217007	106.237850	1.480665	106.226279	
2010	187	2300	187.958333333		07/06/2010 23:00	145.2874	2.0609	12.77	43.4529	106.2195599	106.235710	1.478559	106.224173	
2010	187	2400	188.000000000		07/07/2010 0:00	145.1574	2.0591	12.71	43.4572	106.2182346	106.234384	1.477256	106.222870	
2010	188	100	188.041666667		07/07/2010 1:00	144.9274	2.0559	12.67	43.4649	106.21589	106.232040	1.474950	106.220564	
2010	188	200	188.083333333		07/07/2010 2:00	144.7574	2.0535	12.64	43.4706	106.2141569	106.230307	1.473245	106.218859	
2010	188	300	188.125000000		07/07/2010 3:00	144.3574	2.0479	12.63	43.4840	106.2100793	106.226229	1.469235	106.214849	
2010	188	400	188.166666667		07/07/2010 4:00	144.5374	2.0504	12.62	43.4780	106.2119142	106.228064	1.471039	106.216653	
2010	188	500	188.208333333		07/07/2010 5:00	144.1574	2.0451	12.82	43.4907	106.2080404	106.224190	1.467229	106.212843	
2010	188	600	188.250000000		07/07/2010 6:00	143.7274	2.0391	13.5	43.5051	106.2036569	106.219807	1.462918	106.208532	
2010	188	700	188.291666667		07/07/2010 7:00	143.4674	2.0355	13.45	43.5138	106.2010064	106.217156	1.460311	106.205925	
2010	188	800	188.333333333		07/07/2010 8:00	143.7474	2.0394	13.39	43.5044	106.2038608	106.220011	1.463118	106.208732	
2010	188	900	188.375000000		07/07/2010 9:00	143.7874	2.0399	13.33	43.5031	106.2042685	106.220418	1.463519	106.209134	
2010	188	1000	188.416666667		07/07/2010 10:00	143.7074	2.0388	13.28	43.5057	106.203453	106.219603	1.462717	106.208331	
2010	188	1100	188.458333333		07/07/2010 11:00	143.9974	2.0429	13.25	43.4960	106.2064093	106.222559	1.465625	106.211239	
2010	188	1200	188.500000000		07/07/2010 12:00	142.6574	2.0241	13.22	43.5408	106.1927491	106.208899	1.452190	106.197804	
2010	188	1300	188.541666667		07/07/2010 13:00	144.4674	2.0494	13.2	43.4803	106.2112006	106.227350	1.470337	106.215951	
2010	188	1400	188.583333333		07/07/2010 14:00	143.9174	2.0417	13.16	43.4987	106.2055938	106.221744	1.464823	106.210437	
2010	188	1500	188.625000000		07/07/2010 15:00	143.5074	2.0360	13.16	43.5124	106.2014142	106.217564	1.460712	106.206326	
2010	188	1600	188.666666667		07/07/2010 16:00	143.0574	2.0297	13.15	43.5275	106.1968268	106.212977	1.456200	106.201814	
2010	188	1700	188.708333333		07/07/2010 17:00	143.1974	2.0317	13.15	43.5228	106.198254	106.214404	1.457604	106.203218	
2010	188	1800	188.750000000		07/07/2010 18:00	143.1774	2.0314	13.16	43.5235	106.1980501	106.214200	1.457403	106.203017	
2010	188	1900	188.791666667		07/07/2010 19:00	142.9074	2.0276	13.08	43.5325	106.1952976	106.211447	1.454696	106.200310	
2010	188	2000	188.833333333		07/07/2010 20:00	142.4574	2.0213	12.91	43.5475	106.1907102	106.206860	1.450184	106.195798	
2010	188	2100	188.875000000		07/07/2010 21:00	141.7474	2.0114	12.82	43.5713	106.1834723	106.199622	1.443066	106.188680	
2010	188	2200	188.916666667		07/07/2010 22:00	141.2574	2.0046	12.76	43.5877	106.1784772	106.194627	1.438153	106.183767	
2010	188	2300	188.958333333		07/07/2010 23:00	140.9374	2.0001	12.73	43.5984	106.175215	106.191365	1.434944	106.180558	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	188	2400	189.000000000		07/08/2010 0:00	140.6374	1.9959	12.71	43.6084	106.1721568	106.188307	1.431936	106.177550	
2010	189	100	189.041666667		07/08/2010 1:00	139.7974	1.9842	12.68	43.6365	106.1635936	106.179743	1.423514	106.169128	
2010	189	200	189.083333333		07/08/2010 2:00	139.4174	1.9789	12.67	43.6492	106.1597198	106.175870	1.419704	106.165318	
2010	189	300	189.125000000		07/08/2010 3:00	138.9174	1.9719	12.66	43.6659	106.1546227	106.170773	1.414691	106.160305	
2010	189	400	189.166666667		07/08/2010 4:00	138.6974	1.9688	12.65	43.6733	106.15238	106.168530	1.412485	106.158099	
2010	189	500	189.208333333		07/08/2010 5:00	137.9874	1.9589	12.84	43.6970	106.1451421	106.161292	1.405366	106.150980	
2010	189	600	189.250000000		07/08/2010 6:00	137.9074	1.9577	13.44	43.6997	106.1443265	106.160476	1.404564	106.150178	
2010	189	700	189.291666667		07/08/2010 7:00	137.7574	1.9557	13.39	43.7047	106.1427974	106.158947	1.403060	106.148674	
2010	189	800	189.333333333		07/08/2010 8:00	137.0774	1.9461	13.33	43.7275	106.1358653	106.152015	1.396242	106.141856	
2010	189	900	189.375000000		07/08/2010 9:00	137.0874	1.9463	13.29	43.7271	106.1359673	106.152117	1.396343	106.141957	
2010	189	1000	189.416666667		07/08/2010 10:00	136.6974	1.9408	13.24	43.7402	106.1319915	106.148141	1.392432	106.138046	
2010	189	1100	189.458333333		07/08/2010 11:00	136.3274	1.9357	13.21	43.7526	106.1282197	106.144369	1.388723	106.134337	
2010	189	1200	189.500000000		07/08/2010 12:00	135.6474	1.9262	13.18	43.7753	106.1212876	106.137437	1.381905	106.127519	
2010	189	1300	189.541666667		07/08/2010 13:00	135.4674	1.9236	13.18	43.7813	106.1194526	106.135602	1.380100	106.125714	
2010	189	1400	189.583333333		07/08/2010 14:00	135.1474	1.9192	13.15	43.7920	106.1161905	106.132340	1.376891	106.122505	
2010	189	1500	189.625000000		07/08/2010 15:00	135.3874	1.9225	13.14	43.7840	106.1186371	106.134787	1.379298	106.124912	
2010	189	1600	189.666666667		07/08/2010 16:00	134.8574	1.9151	13.13	43.8017	106.1132342	106.129384	1.373984	106.119598	
2010	189	1700	189.708333333		07/08/2010 17:00	135.1374	1.9190	13.14	43.7924	106.1160885	106.132238	1.376791	106.122405	
2010	189	1800	189.750000000		07/08/2010 18:00	134.4274	1.9091	13.15	43.8161	106.1088507	106.125000	1.369672	106.115286	
2010	189	1900	189.791666667		07/08/2010 19:00	134.4574	1.9095	13.06	43.8151	106.1091565	106.125306	1.369973	106.115587	
2010	189	2000	189.833333333		07/08/2010 20:00	134.0474	1.9038	12.89	43.8288	106.1049769	106.121127	1.365862	106.111476	
2010	189	2100	189.875000000		07/08/2010 21:00	133.9674	1.9027	12.81	43.8315	106.1041613	106.120311	1.365060	106.110674	
2010	189	2200	189.916666667		07/08/2010 22:00	133.4374	1.8953	12.76	43.8492	106.0987584	106.114908	1.359746	106.105360	
2010	189	2300	189.958333333		07/08/2010 23:00	133.1374	1.8911	12.72	43.8593	106.0957001	106.111850	1.356738	106.102352	
2010	189	2400	190.000000000		07/09/2010 0:00	132.6274	1.8840	12.7	43.8763	106.0905011	106.106651	1.351625	106.097239	
2010	190	100	190.041666667		07/09/2010 1:00	132.5974	1.8835	12.68	43.8773	106.0901952	106.106345	1.351324	106.096938	
2010	190	200	190.083333333		07/09/2010 2:00	132.2474	1.8786	12.68	43.8890	106.0866273	106.102777	1.347815	106.093429	
2010	190	300	190.125000000		07/09/2010 3:00	132.0974	1.8766	12.67	43.8940	106.0850981	106.101248	1.346311	106.091925	
2010	190	400	190.166666667		07/09/2010 4:00	131.9174	1.8740	12.65	43.9001	106.0832632	106.099413	1.344506	106.090120	
2010	190	500	190.208333333		07/09/2010 5:00	131.2574	1.8648	12.84	43.9221	106.076535	106.092685	1.337889	106.083503	
2010	190	600	190.250000000		07/09/2010 6:00	131.1674	1.8636	13.42	43.9251	106.0756175	106.091767	1.336986	106.082600	
2010	190	700	190.291666667		07/09/2010 7:00	132.1174	1.8768	13.38	43.8934	106.085302	106.101452	1.346511	106.092125	
2010	190	800	190.333333333		07/09/2010 8:00	131.1774	1.8637	13.31	43.9248	106.0757194	106.091869	1.337087	106.082701	
2010	190	900	190.375000000		07/09/2010 9:00	130.9374	1.8603	13.26	43.9328	106.0732728	106.089423	1.334680	106.080294	
2010	190	1000	190.416666667		07/09/2010 10:00	130.8474	1.8591	13.22	43.9358	106.0723553	106.088505	1.333778	106.079392	
2010	190	1100	190.458333333		07/09/2010 11:00	130.4174	1.8531	13.18	43.9502	106.0679718	106.084122	1.329467	106.075081	
2010	190	1200	190.500000000		07/09/2010 12:00	130.7474	1.8577	13.17	43.9392	106.0713359	106.087486	1.332775	106.078389	
2010	190	1300	190.541666667		07/09/2010 13:00	130.6074	1.8557	13.16	43.9439	106.0699087	106.086059	1.331372	106.076986	
2010	190	1400	190.583333333		07/09/2010 14:00	130.7274	1.8574	13.12	43.9399	106.071132	106.087282	1.332575	106.078189	
2010	190	1500	190.625000000		07/09/2010 15:00	130.4774	1.8539	13.11	43.9482	106.0685835	106.084733	1.330068	106.075682	
2010	190	1600	190.666666667		07/09/2010 16:00	131.3774	1.8665	13.11	43.9181	106.0777583	106.093908	1.339092	106.084706	
2010	190	1700	190.708333333		07/09/2010 17:00	131.5274	1.8686	13.11	43.9131	106.0792874	106.095437	1.340596	106.086210	
2010	190	1800	190.750000000		07/09/2010 18:00	132.0174	1.8754	13.11	43.8967	106.0842826	106.100432	1.345509	106.091123	
2010	190	1900	190.791666667		07/09/2010 19:00	132.2974	1.8793	13.05	43.8873	106.087137	106.103287	1.348316	106.093930	
2010	190	2000	190.833333333		07/09/2010 20:00	132.3574	1.8802	12.88	43.8853	106.0877486	106.103898	1.348918	106.094532	
2010	190	2100	190.875000000		07/09/2010 21:00	132.5474	1.8828	12.8	43.8790	106.0896855	106.105835	1.350823	106.096437	
2010	190	2200	190.916666667		07/09/2010 22:00	132.7074	1.8851	12.77	43.8736	106.0913166	106.107466	1.352427	106.098041	
2010	190	2300	190.958333333		07/09/2010 23:00	133.2074	1.8921	12.74	43.8569	106.0964137	106.112564	1.357440	106.103054	
2010	190	2400	191.000000000		07/10/2010 0:00	133.2474	1.8926	12.72	43.8556	106.0968215	106.112971	1.357841	106.103455	
2010	191	100	191.041666667		07/10/2010 1:00	133.4974	1.8961	12.71	43.8472	106.09937	106.115520	1.360348	106.105962	
2010	191	200	191.083333333		07/10/2010 2:00	133.7674	1.8999	12.69	43.8382	106.1021225	106.118272	1.363055	106.108669	
2010	191	300	191.125000000		07/10/2010 3:00	133.9974	1.9031	12.69	43.8305	106.1044671	106.120617	1.365361	106.110975	
2010	191	400	191.166666667		07/10/2010 4:00	134.3774	1.9084	12.68	43.8178	106.1083409	106.124491	1.369171	106.114785	
2010	191	500	191.208333333		07/10/2010 5:00	134.5074	1.9102	12.74	43.8134	106.1096662	106.125816	1.370475	106.116089	
2010	191	600	191.250000000		07/10/2010 6:00	134.4274	1.9091	13.35	43.8161	106.1088507	106.125000	1.369672	106.115286	
2010	191	700	191.291666667		07/10/2010 7:00	134.9974	1.9171	13.32	43.7970	106.1146614	106.130811	1.375388	106.121002	
2010	191	800	191.333333333		07/10/2010 8:00	135.3174	1.9216	13.29	43.7863	106.1179235	106.134073	1.378596	106.124210	
2010	191	900	191.375000000		07/10/2010 9:00	135.0574	1.9179	13.25	43.7950	106.115273	106.131423	1.375989	106.121603	
2010	191	1000	191.416666667		07/10/2010 10:00	135.3174	1.9216	13.19	43.7863	106.1179235	106.134073	1.378596	106.124210	
2010	191	1100	191.458333333		07/10/2010 11:00	135.5974	1.9255	13.17	43.7770	106.1207779	106.136928	1.381403	106.127017	
2010	191	1200	191.500000000		07/10/2010 12:00	133.6074	1.8977	13.18	43.8435	106.1004914	106.116641	1.361451	106.107065	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	191	1300	191.541666667		07/10/2010 13:00	135.8674	1.9292	13.16	43.7679	106.1235303	106.139680	1.384110	106.129724	
2010	191	1400	191.583333333		07/10/2010 14:00	134.7574	1.9137	13.15	43.8051	106.1122147	106.128365	1.372981	106.118595	
2010	191	1500	191.625000000		07/10/2010 15:00	135.4374	1.9232	13.13	43.7823	106.1191468	106.135297	1.379799	106.125413	
2010	191	1600	191.666666667		07/10/2010 16:00	135.6374	1.9260	13.13	43.7756	106.1211857	106.137335	1.381804	106.127418	
2010	191	1700	191.708333333		07/10/2010 17:00	135.2174	1.9202	13.13	43.7897	106.1169041	106.133054	1.377593	106.123207	
2010	191	1800	191.750000000		07/10/2010 18:00	135.0274	1.9175	13.15	43.7960	106.1149672	106.131117	1.375688	106.121302	
2010	191	1900	191.791666667		07/10/2010 19:00	135.0874	1.9183	13.06	43.7940	106.1155788	106.131729	1.376290	106.121904	
2010	191	2000	191.833333333		07/10/2010 20:00	135.3074	1.9214	12.89	43.7867	106.1178216	106.133971	1.378496	106.124110	
2010	191	2100	191.875000000		07/10/2010 21:00	135.0474	1.9178	12.83	43.7954	106.1151711	106.131321	1.375889	106.121503	
2010	191	2200	191.916666667		07/10/2010 22:00	134.8174	1.9146	12.79	43.8031	106.1128264	106.128976	1.373583	106.119197	
2010	191	2300	191.958333333		07/10/2010 23:00	134.6974	1.9129	12.76	43.8071	106.1116031	106.127753	1.372380	106.117994	
2010	191	2400	192.000000000		07/11/2010 0:00	134.6974	1.9129	12.74	43.8071	106.1116031	106.127753	1.372380	106.117994	
2010	192	100	192.041666667		07/11/2010 1:00	134.5574	1.9109	12.73	43.8118	106.1101759	106.126326	1.370976	106.116590	
2010	192	200	192.083333333		07/11/2010 2:00	134.5574	1.9109	12.7	43.8118	106.1101759	106.126326	1.370976	106.116590	
2010	192	300	192.125000000		07/11/2010 3:00	134.3974	1.9087	12.69	43.8171	106.1085448	106.124695	1.369372	106.114986	
2010	192	400	192.166666667		07/11/2010 4:00	134.2474	1.9066	12.68	43.8221	106.1070157	106.123166	1.367868	106.113482	
2010	192	500	192.208333333		07/11/2010 5:00	133.9674	1.9027	12.82	43.8315	106.1041613	106.120311	1.365060	106.110674	
2010	192	600	192.250000000		07/11/2010 6:00	133.8574	1.9011	13.36	43.8352	106.1030399	106.119190	1.363957	106.109571	
2010	192	700	192.291666667		07/11/2010 7:00	133.4274	1.8951	13.33	43.8496	106.0986564	106.114806	1.359646	106.105260	
2010	192	800	192.333333333		07/11/2010 8:00	132.8674	1.8873	13.29	43.8683	106.0929477	106.109098	1.354031	106.099645	
2010	192	900	192.375000000		07/11/2010 9:00	133.3674	1.8943	13.25	43.8516	106.0980448	106.114195	1.359044	106.104658	
2010	192	1000	192.416666667		07/11/2010 10:00	133.0274	1.8895	13.2	43.8629	106.0945787	106.110729	1.355636	106.101250	
2010	192	1100	192.458333333		07/11/2010 11:00	132.2074	1.8781	13.18	43.8904	106.0862195	106.102369	1.347414	106.093028	
2010	192	1200	192.500000000		07/11/2010 12:00	132.9974	1.8891	13.17	43.8639	106.0942729	106.110423	1.355335	106.100949	
2010	192	1300	192.541666667		07/11/2010 13:00	132.4074	1.8809	13.16	43.8837	106.0882583	106.104408	1.349419	106.095033	
2010	192	1400	192.583333333		07/11/2010 14:00	132.2374	1.8785	13.14	43.8894	106.0865253	106.102675	1.347715	106.093329	
2010	192	1500	192.625000000		07/11/2010 15:00	132.2774	1.8791	13.12	43.8880	106.0869331	106.103083	1.348116	106.093730	
2010	192	1600	192.666666667		07/11/2010 16:00	131.5474	1.8689	13.12	43.9124	106.0794913	106.095641	1.340796	106.086410	
2010	192	1700	192.708333333		07/11/2010 17:00	130.8374	1.8589	13.13	43.9362	106.0722534	106.088403	1.333678	106.079292	
2010	192	1800	192.750000000		07/11/2010 18:00	131.0674	1.8622	13.14	43.9285	106.0745981	106.090748	1.335984	106.081598	
2010	192	1900	192.791666667		07/11/2010 19:00	130.7474	1.8577	13.05	43.9392	106.0713359	106.087486	1.332775	106.078389	
2010	192	2000	192.833333333		07/11/2010 20:00	130.3174	1.8517	12.89	43.9536	106.0669524	106.083102	1.328464	106.074078	
2010	192	2100	192.875000000		07/11/2010 21:00	129.8074	1.8445	12.82	43.9706	106.0617534	106.077903	1.323351	106.068965	
2010	192	2200	192.916666667		07/11/2010 22:00	129.4874	1.8401	12.78	43.9813	106.0584912	106.074641	1.320142	106.065756	
2010	192	2300	192.958333333		07/11/2010 23:00	129.1174	1.8349	12.75	43.9937	106.0547193	106.070869	1.316432	106.062046	
2010	192	2400	193.000000000		07/12/2010 0:00	129.0574	1.8341	12.74	43.9957	106.0541077	106.070258	1.315831	106.061445	
2010	193	100	193.041666667		07/12/2010 1:00	128.9174	1.8321	12.72	44.0004	106.0526805	106.068830	1.314427	106.060041	
2010	193	200	193.083333333		07/12/2010 2:00	128.6874	1.8289	12.7	44.0081	106.0503358	106.066486	1.312121	106.057735	
2010	193	300	193.125000000		07/12/2010 3:00	128.4174	1.8251	12.69	44.0171	106.0475834	106.063733	1.309414	106.055028	
2010	193	400	193.166666667		07/12/2010 4:00	128.0374	1.8198	12.67	44.0298	106.0437096	106.059859	1.305604	106.051218	
2010	193	500	193.208333333		07/12/2010 5:00	127.8974	1.8179	12.8	44.0345	106.0422824	106.058432	1.304200	106.049814	
2010	193	600	193.250000000		07/12/2010 6:00	127.3874	1.8107	13.34	44.0516	106.0370834	106.053233	1.299087	106.044701	
2010	193	700	193.291666667		07/12/2010 7:00	127.4874	1.8121	13.38	44.0482	106.0381028	106.054253	1.300089	106.045703	
2010	193	800	193.333333333		07/12/2010 8:00	127.8574	1.8173	13.35	44.0358	106.0418746	106.058024	1.303799	106.049413	
2010	193	900	193.375000000		07/12/2010 9:00	127.0074	1.8054	13.29	44.0643	106.0332095	106.049359	1.295277	106.040891	
2010	193	1000	193.416666667		07/12/2010 10:00	127.6574	1.8145	13.25	44.0425	106.0398358	106.055986	1.301794	106.047408	
2010	193	1100	193.458333333		07/12/2010 11:00	126.8574	1.8033	13.25	44.0693	106.0316804	106.047830	1.293773	106.039387	
2010	193	1200	193.500000000		07/12/2010 12:00	127.5874	1.8135	13.24	44.0449	106.0391222	106.055272	1.301092	106.046706	
2010	193	1300	193.541666667		07/12/2010 13:00	127.3674	1.8104	13.23	44.0522	106.0368795	106.053029	1.298886	106.044500	
2010	193	1400	193.583333333		07/12/2010 14:00	126.1174	1.7930	13.22	44.0940	106.0241367	106.040287	1.286353	106.031967	
2010	193	1500	193.625000000		07/12/2010 15:00	126.1374	1.7933	13.22	44.0934	106.0243406	106.040490	1.286554	106.032168	
2010	193	1600	193.666666667		07/12/2010 16:00	126.5874	1.7995	13.23	44.0783	106.028928	106.045078	1.291066	106.036680	
2010	193	1700	193.708333333		07/12/2010 17:00	126.4474	1.7976	13.27	44.0830	106.0275008	106.043651	1.289662	106.035276	
2010	193	1800	193.750000000		07/12/2010 18:00	126.1874	1.7940	13.31	44.0917	106.0248503	106.041000	1.287055	106.032669	
2010	193	1900	193.791666667		07/12/2010 19:00	125.9474	1.7906	13.28	44.0997	106.0224037	106.038554	1.284649	106.030263	
2010	193	2000	193.833333333		07/12/2010 20:00	125.5874	1.7856	13.09	44.1118	106.0187338	106.034884	1.281039	106.026653	
2010	193	2100	193.875000000		07/12/2010 21:00	125.4174	1.7832	12.99	44.1175	106.0170007	106.033151	1.279335	106.024949	
2010	193	2200	193.916666667		07/12/2010 22:00	125.1374	1.7793	12.91	44.1268	106.0141464	106.030296	1.276527	106.022141	
2010	193	2300	193.958333333		07/12/2010 23:00	124.7474	1.7738	12.86	44.1399	106.0101706	106.026320	1.272617	106.018231	
2010	193	2400	194.000000000		07/13/2010 0:00	124.5474	1.7710	12.8	44.1465	106.0081318	106.024282	1.270612	106.016226	
2010	194	100	194.041666667		07/13/2010 1:00	124.0974	1.7648	12.77	44.1616	106.0035444	106.019694	1.266100	106.011714	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	194	200	194.083333333		07/13/2010 2:00	123.3474	1.7543	12.73	44.1867	105.9958987	106.012049	1.258580	106.004194	
2010	194	300	194.125000000		07/13/2010 3:00	123.4274	1.7554	12.71	44.1840	105.9967142	106.012864	1.259382	106.004996	
2010	194	400	194.166666667		07/13/2010 4:00	123.3274	1.7540	12.7	44.1874	105.9956948	106.011845	1.258379	106.003994	
2010	194	500	194.208333333		07/13/2010 5:00	122.6274	1.7442	12.88	44.2108	105.9885589	106.004709	1.251361	105.996975	
2010	194	600	194.250000000		07/13/2010 6:00	122.6974	1.7452	13.56	44.2084	105.9892725	106.005422	1.252063	105.997677	
2010	194	700	194.291666667		07/13/2010 7:00	122.1374	1.7374	13.51	44.2272	105.9835637	105.999714	1.246448	105.992062	
2010	194	800	194.333333333		07/13/2010 8:00	121.6074	1.7300	13.46	44.2449	105.9781608	105.994311	1.241134	105.986748	
2010	194	900	194.375000000		07/13/2010 9:00	120.0174	1.7077	13.41	44.2981	105.961952	105.978102	1.225192	105.970806	
2010	194	1000	194.416666667		07/13/2010 10:00	121.3974	1.7270	13.36	44.2519	105.97602	105.992170	1.239029	105.984643	
2010	194	1100	194.458333333		07/13/2010 11:00	119.3774	1.6988	13.33	44.3195	105.9554277	105.971577	1.218775	105.964389	
2010	194	1200	194.500000000		07/13/2010 12:00	118.1674	1.6819	13.33	44.3599	105.9430926	105.959242	1.206643	105.952257	
2010	194	1300	194.541666667		07/13/2010 13:00	120.3274	1.7121	13.32	44.2877	105.9651122	105.981262	1.228300	105.973914	
2010	194	1400	194.583333333		07/13/2010 14:00	116.5774	1.6597	13.33	44.4131	105.9268838	105.943034	1.190701	105.936315	
2010	194	1500	194.625000000		07/13/2010 15:00	116.5574	1.6594	13.3	44.4138	105.92668	105.942830	1.190501	105.936115	
2010	194	1600	194.666666667		07/13/2010 16:00	117.6474	1.6746	13.31	44.3773	105.9377917	105.953941	1.201430	105.947044	
2010	194	1700	194.708333333		07/13/2010 17:00	116.6374	1.6605	13.3	44.4111	105.9274955	105.943645	1.191303	105.936917	
2010	194	1800	194.750000000		07/13/2010 18:00	115.9574	1.6510	13.31	44.4338	105.9205634	105.936713	1.184485	105.930099	
2010	194	1900	194.791666667		07/13/2010 19:00	115.2474	1.6411	13.19	44.4576	105.9133255	105.929475	1.177366	105.922980	
2010	194	2000	194.833333333		07/13/2010 20:00	114.9374	1.6367	13.05	44.4680	105.9101653	105.926315	1.174258	105.919872	
2010	194	2100	194.875000000		07/13/2010 21:00	114.6174	1.6323	12.96	44.4787	105.9069032	105.923053	1.171050	105.916664	
2010	194	2200	194.916666667		07/13/2010 22:00	114.2074	1.6265	12.89	44.4924	105.9027235	105.918873	1.166939	105.912553	
2010	194	2300	194.958333333		07/13/2010 23:00	113.9674	1.6232	12.82	44.5004	105.9002769	105.916427	1.164532	105.910146	
2010	194	2400	195.000000000		07/14/2010 0:00	113.7274	1.6198	12.77	44.5084	105.8978303	105.913980	1.162126	105.907740	
2010	195	100	195.041666667		07/14/2010 1:00	113.6074	1.6181	12.74	44.5124	105.896607	105.912757	1.160923	105.906537	
2010	195	200	195.083333333		07/14/2010 2:00	113.3874	1.6151	12.71	44.5198	105.8943643	105.910514	1.158717	105.904331	
2010	195	300	195.125000000		07/14/2010 3:00	113.2374	1.6130	12.68	44.5248	105.8928351	105.908985	1.157213	105.902827	
2010	195	400	195.166666667		07/14/2010 4:00	113.1274	1.6114	12.67	44.5285	105.8917138	105.907864	1.156110	105.901724	
2010	195	500	195.208333333		07/14/2010 5:00	112.6774	1.6052	12.82	44.5435	105.8871264	105.903276	1.151598	105.897212	
2010	195	600	195.250000000		07/14/2010 6:00	112.5174	1.6029	13.53	44.5489	105.8854953	105.901645	1.149994	105.895608	
2010	195	700	195.291666667		07/14/2010 7:00	112.2774	1.5996	13.48	44.5569	105.8830487	105.899199	1.147588	105.893202	
2010	195	800	195.333333333		07/14/2010 8:00	111.3874	1.5871	13.43	44.5867	105.8739758	105.890126	1.138664	105.884278	
2010	195	900	195.375000000		07/14/2010 9:00	111.4674	1.5882	13.39	44.5840	105.8747914	105.890941	1.139466	105.885080	
2010	195	1000	195.416666667		07/14/2010 10:00	112.0574	1.5965	13.34	44.5643	105.880806	105.896956	1.145382	105.890996	
2010	195	1100	195.458333333		07/14/2010 11:00	110.3674	1.5729	13.29	44.6208	105.8635777	105.879728	1.128437	105.874051	
2010	195	1200	195.500000000		07/14/2010 12:00	110.6674	1.5771	13.29	44.6108	105.866636	105.882786	1.131445	105.877059	
2010	195	1300	195.541666667		07/14/2010 13:00	109.8674	1.5659	13.27	44.6375	105.8584806	105.874630	1.123424	105.869038	
2010	195	1400	195.583333333		07/14/2010 14:00	110.4674	1.5743	13.25	44.6175	105.8645972	105.880747	1.129440	105.875054	
2010	195	1500	195.625000000		07/14/2010 15:00	109.6074	1.5622	13.23	44.6462	105.8558301	105.871980	1.120817	105.866431	
2010	195	1600	195.666666667		07/14/2010 16:00	109.5774	1.5618	13.22	44.6472	105.8555243	105.871674	1.120517	105.866131	
2010	195	1700	195.708333333		07/14/2010 17:00	108.7274	1.5500	13.23	44.6757	105.8468592	105.863009	1.111994	105.857608	
2010	195	1800	195.750000000		07/14/2010 18:00	108.7374	1.5501	13.23	44.6753	105.8469612	105.863111	1.112094	105.857708	
2010	195	1900	195.791666667		07/14/2010 19:00	108.7374	1.5501	13.18	44.6753	105.8469612	105.863111	1.112094	105.857708	
2010	195	2000	195.833333333		07/14/2010 20:00	108.4374	1.5459	13.01	44.6854	105.8439029	105.860053	1.109087	105.854701	
2010	195	2100	195.875000000		07/14/2010 21:00	108.0574	1.5406	12.92	44.6981	105.8400291	105.856179	1.105276	105.850890	
2010	195	2200	195.916666667		07/14/2010 22:00	107.9874	1.5396	12.84	44.7004	105.8393155	105.855465	1.104575	105.850189	
2010	195	2300	195.958333333		07/14/2010 23:00	108.1774	1.5423	12.78	44.6941	105.8412524	105.857402	1.106480	105.852094	
2010	195	2400	196.000000000		07/15/2010 0:00	108.0474	1.5404	12.74	44.6984	105.8399271	105.856077	1.105176	105.850790	
2010	196	100	196.041666667		07/15/2010 1:00	108.2974	1.5439	12.71	44.6900	105.8424757	105.858626	1.107683	105.853297	
2010	196	200	196.083333333		07/15/2010 2:00	108.5174	1.5470	12.69	44.6827	105.8447184	105.860868	1.109889	105.855503	
2010	196	300	196.125000000		07/15/2010 3:00	108.6274	1.5486	12.68	44.6790	105.8458398	105.861990	1.110992	105.856606	
2010	196	400	196.166666667		07/15/2010 4:00	108.9374	1.5529	12.67	44.6686	105.849	105.865150	1.114100	105.859714	
2010	196	500	196.208333333		07/15/2010 5:00	108.7574	1.5504	12.82	44.6747	105.847165	105.863315	1.112295	105.857909	
2010	196	600	196.250000000		07/15/2010 6:00	109.3574	1.5588	13.45	44.6546	105.8532816	105.869431	1.118311	105.863925	
2010	196	700	196.291666667		07/15/2010 7:00	108.6274	1.5486	13.42	44.6790	105.8458398	105.861990	1.110992	105.856606	
2010	196	800	196.333333333		07/15/2010 8:00	108.5374	1.5473	13.37	44.6820	105.8449223	105.861072	1.110089	105.855703	
2010	196	900	196.375000000		07/15/2010 9:00	109.6674	1.5631	13.31	44.6442	105.8564418	105.872592	1.121419	105.867033	
2010	196	1000	196.416666667		07/15/2010 10:00	109.3674	1.5589	13.25	44.6543	105.8533835	105.869533	1.118411	105.864025	
2010	196	1100	196.458333333		07/15/2010 11:00	110.0374	1.5683	13.22	44.6318	105.8602136	105.876363	1.125129	105.870743	
2010	196	1200	196.500000000		07/15/2010 12:00	110.0874	1.5690	13.2	44.6302	105.8607234	105.876873	1.125630	105.871244	
2010	196	1300	196.541666667		07/15/2010 13:00	110.2574	1.5713	13.18	44.6245	105.8624564	105.878606	1.127335	105.872949	
2010	196	1400	196.583333333		07/15/2010 14:00	110.4574	1.5741	13.15	44.6178	105.8644952	105.880645	1.129340	105.874954	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	196	1500	196.625000000		07/15/2010 15:00	110.1774	1.5702	13.14	44.6272	105.8616408	105.877791	1.126532	105.872146	
2010	196	1600	196.666666667		07/15/2010 16:00	111.6774	1.5912	13.13	44.5770	105.8769322	105.893082	1.141572	105.887186	
2010	196	1700	196.708333333		07/15/2010 17:00	111.2574	1.5853	13.13	44.5910	105.8726506	105.888800	1.137361	105.882975	
2010	196	1800	196.750000000		07/15/2010 18:00	111.5474	1.5894	13.14	44.5813	105.8756069	105.891757	1.140269	105.885883	
2010	196	1900	196.791666667		07/15/2010 19:00	112.3974	1.6012	13.03	44.5529	105.884272	105.900422	1.148791	105.894405	
2010	196	2000	196.833333333		07/15/2010 20:00	112.4474	1.6019	12.87	44.5512	105.8847817	105.900932	1.149292	105.894906	
2010	196	2100	196.875000000		07/15/2010 21:00	112.6774	1.6052	12.8	44.5435	105.8871264	105.903276	1.151598	105.897212	
2010	196	2200	196.916666667		07/15/2010 22:00	112.8674	1.6078	12.75	44.5372	105.8890633	105.905213	1.153503	105.899117	
2010	196	2300	196.958333333		07/15/2010 23:00	113.1674	1.6120	12.73	44.5272	105.8921216	105.908271	1.156511	105.902125	
2010	196	2400	197.000000000		07/16/2010 0:00	113.5974	1.6180	12.71	44.5128	105.8965051	105.912655	1.160823	105.906437	
2010	197	100	197.041666667		07/16/2010 1:00	114.0874	1.6249	12.71	44.4964	105.9015002	105.917650	1.165736	105.911350	
2010	197	200	197.083333333		07/16/2010 2:00	114.3274	1.6282	12.69	44.4884	105.9039468	105.920097	1.168142	105.913756	
2010	197	300	197.125000000		07/16/2010 3:00	114.9274	1.6366	12.68	44.4683	105.9100634	105.926213	1.174158	105.919772	
2010	197	400	197.166666667		07/16/2010 4:00	114.8274	1.6352	12.67	44.4716	105.909044	105.925194	1.173155	105.918769	
2010	197	500	197.208333333		07/16/2010 5:00	115.0274	1.6380	12.79	44.4650	105.9110828	105.927233	1.175160	105.920774	
2010	197	600	197.250000000		07/16/2010 6:00	115.4274	1.6436	13.35	44.4516	105.9151605	105.931310	1.179171	105.924785	
2010	197	700	197.291666667		07/16/2010 7:00	115.1474	1.6397	13.39	44.4609	105.9123061	105.928456	1.176364	105.921978	
2010	197	800	197.333333333		07/16/2010 8:00	115.9474	1.6509	13.33	44.4342	105.9204615	105.936611	1.184385	105.929999	
2010	197	900	197.375000000		07/16/2010 9:00	115.4974	1.6446	13.29	44.4492	105.9158741	105.932024	1.179873	105.925487	
2010	197	1000	197.416666667		07/16/2010 10:00	116.8774	1.6638	13.24	44.4031	105.9299421	105.946092	1.193709	105.939323	
2010	197	1100	197.458333333		07/16/2010 11:00	115.9474	1.6509	13.21	44.4342	105.9204615	105.936611	1.184385	105.929999	
2010	197	1200	197.500000000		07/16/2010 12:00	116.9374	1.6647	13.2	44.4011	105.9305538	105.946704	1.194311	105.939925	
2010	197	1300	197.541666667		07/16/2010 13:00	117.3274	1.6701	13.19	44.3880	105.9345295	105.950679	1.198221	105.943835	
2010	197	1400	197.583333333		07/16/2010 14:00	116.0274	1.6520	13.16	44.4315	105.921277	105.937427	1.185187	105.930801	
2010	197	1500	197.625000000		07/16/2010 15:00	116.6374	1.6605	13.15	44.4111	105.9274955	105.943645	1.191303	105.936917	
2010	197	1600	197.666666667		07/16/2010 16:00	116.8774	1.6638	13.14	44.4031	105.9299421	105.946092	1.193709	105.939323	
2010	197	1700	197.708333333		07/16/2010 17:00	117.5974	1.6739	13.14	44.3790	105.9372819	105.953432	1.200928	105.946542	
2010	197	1800	197.750000000		07/16/2010 18:00	117.9674	1.6791	13.16	44.3666	105.9410538	105.957204	1.204638	105.950252	
2010	197	1900	197.791666667		07/16/2010 19:00	118.3774	1.6848	13.04	44.3529	105.9452334	105.961383	1.208749	105.954363	
2010	197	2000	197.833333333		07/16/2010 20:00	118.5674	1.6875	12.89	44.3466	105.9471703	105.963320	1.210654	105.956268	
2010	197	2100	197.875000000		07/16/2010 21:00	118.8374	1.6912	12.81	44.3375	105.9499228	105.966073	1.213361	105.958975	
2010	197	2200	197.916666667		07/16/2010 22:00	118.9974	1.6935	12.77	44.3322	105.9515539	105.967704	1.214965	105.960579	
2010	197	2300	197.958333333		07/16/2010 23:00	119.2574	1.6971	12.74	44.3235	105.9542043	105.970354	1.217572	105.963186	
2010	197	2400	198.000000000		07/17/2010 0:00	119.4574	1.6999	12.72	44.3168	105.9562432	105.972393	1.219577	105.965191	
2010	198	100	198.041666667		07/17/2010 1:00	119.3074	1.6978	12.71	44.3218	105.9547141	105.970864	1.218073	105.963687	
2010	198	200	198.083333333		07/17/2010 2:00	119.6374	1.7024	12.69	44.3108	105.9580782	105.974228	1.221382	105.966996	
2010	198	300	198.125000000		07/17/2010 3:00	119.4974	1.7005	12.67	44.3154	105.956651	105.972801	1.219978	105.965592	
2010	198	400	198.166666667		07/17/2010 4:00	119.2474	1.6970	12.65	44.3238	105.9541024	105.970252	1.217472	105.963086	
2010	198	500	198.208333333		07/17/2010 5:00	118.8574	1.6915	12.77	44.3369	105.9501267	105.966276	1.213562	105.959176	
2010	198	600	198.250000000		07/17/2010 6:00	118.8674	1.6917	13.37	44.3365	105.9502286	105.966378	1.213662	105.959276	
2010	198	700	198.291666667		07/17/2010 7:00	118.3874	1.6850	13.42	44.3526	105.9453354	105.961485	1.208849	105.954463	
2010	198	800	198.333333333		07/17/2010 8:00	117.7674	1.6763	13.36	44.3733	105.939015	105.955165	1.202633	105.948247	
2010	198	900	198.375000000		07/17/2010 9:00	117.4374	1.6717	13.31	44.3843	105.9356509	105.951801	1.199324	105.944938	
2010	198	1000	198.416666667		07/17/2010 10:00	117.5674	1.6735	13.27	44.3800	105.9369761	105.953126	1.200627	105.946241	
2010	198	1100	198.458333333		07/17/2010 11:00	116.5574	1.6594	13.24	44.4138	105.92668	105.942830	1.190501	105.936115	
2010	198	1200	198.500000000		07/17/2010 12:00	116.0474	1.6522	13.23	44.4308	105.9214809	105.937631	1.185387	105.931001	
2010	198	1300	198.541666667		07/17/2010 13:00	115.7874	1.6486	13.22	44.4395	105.9188304	105.934980	1.182780	105.928394	
2010	198	1400	198.583333333		07/17/2010 14:00	115.5974	1.6460	13.19	44.4459	105.9168935	105.933043	1.180875	105.926489	
2010	198	1500	198.625000000		07/17/2010 15:00	115.2174	1.6406	13.18	44.4586	105.9130197	105.929170	1.177065	105.922679	
2010	198	1600	198.666666667		07/17/2010 16:00	114.6974	1.6334	13.18	44.4760	105.9077187	105.923869	1.171852	105.917466	
2010	198	1700	198.708333333		07/17/2010 17:00	115.1274	1.6394	13.18	44.4616	105.9121022	105.928252	1.176163	105.921777	
2010	198	1800	198.750000000		07/17/2010 18:00	114.6274	1.6324	13.21	44.4783	105.9070051	105.923155	1.171150	105.916764	
2010	198	1900	198.791666667		07/17/2010 19:00	114.6374	1.6325	13.1	44.4780	105.9071071	105.923257	1.171250	105.916864	
2010	198	2000	198.833333333		07/17/2010 20:00	114.2474	1.6271	12.95	44.4910	105.9031313	105.919281	1.167340	105.912954	
2010	198	2100	198.875000000		07/17/2010 21:00	113.2374	1.6130	12.86	44.5248	105.8928351	105.908985	1.157213	105.902827	
2010	198	2200	198.916666667		07/17/2010 22:00	113.6774	1.6191	12.81	44.5101	105.8973206	105.913470	1.161625	105.907239	
2010	198	2300	198.958333333		07/17/2010 23:00	112.6274	1.6045	12.77	44.5452	105.8866167	105.902767	1.151097	105.896711	
2010	198	2400	199.000000000		07/18/2010 0:00	112.9874	1.6095	12.74	44.5332	105.8902866	105.906436	1.154707	105.900321	
2010	199	100	199.041666667		07/18/2010 1:00	112.7674	1.6064	12.73	44.5405	105.8880439	105.904194	1.152501	105.898115	
2010	199	200	199.083333333		07/18/2010 2:00	112.5174	1.6029	12.7	44.5489	105.8854953	105.901645	1.149994	105.895608	
2010	199	300	199.125000000		07/18/2010 3:00	112.3674	1.6008	12.69	44.5539	105.8839662	105.900116	1.148490	105.894104	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	199	400	199.166666667		07/18/2010 4:00	112.3574	1.6007	12.67	44.5543	105.8838642	105.900014	1.148390	105.894004	
2010	199	500	199.208333333		07/18/2010 5:00	111.6974	1.5915	12.79	44.5763	105.877136	105.893286	1.141773	105.887387	
2010	199	600	199.250000000		07/18/2010 6:00	111.8274	1.5933	13.42	44.5720	105.8784613	105.894611	1.143076	105.888690	
2010	199	700	199.291666667		07/18/2010 7:00	111.3474	1.5866	13.42	44.5880	105.8735681	105.889718	1.138263	105.883877	
2010	199	800	199.333333333		07/18/2010 8:00	111.2274	1.5849	13.37	44.5920	105.8723448	105.888495	1.137060	105.882674	
2010	199	900	199.375000000		07/18/2010 9:00	110.4174	1.5736	13.33	44.6191	105.8640874	105.880237	1.128939	105.874553	
2010	199	1000	199.416666667		07/18/2010 10:00	110.7274	1.5779	13.29	44.6088	105.8672477	105.883397	1.132047	105.877661	
2010	199	1100	199.458333333		07/18/2010 11:00	110.3074	1.5720	13.25	44.6228	105.8629661	105.879116	1.127836	105.873450	
2010	199	1200	199.500000000		07/18/2010 12:00	110.0674	1.5687	13.24	44.6308	105.8605195	105.876669	1.125430	105.871044	
2010	199	1300	199.541666667		07/18/2010 13:00	109.8474	1.5656	13.22	44.6382	105.8582767	105.874427	1.123224	105.868838	
2010	199	1400	199.583333333		07/18/2010 14:00	109.3274	1.5583	13.2	44.6556	105.8529758	105.869126	1.118010	105.863624	
2010	199	1500	199.625000000		07/18/2010 15:00	109.5774	1.5618	13.18	44.6472	105.8555243	105.871674	1.120517	105.866131	
2010	199	1600	199.666666667		07/18/2010 16:00	109.5974	1.5621	13.18	44.6466	105.8557282	105.871878	1.120717	105.866331	
2010	199	1700	199.708333333		07/18/2010 17:00	109.7674	1.5645	13.18	44.6409	105.8574612	105.873611	1.122422	105.868036	
2010	199	1800	199.750000000		07/18/2010 18:00	109.6174	1.5624	13.2	44.6459	105.8559321	105.872082	1.120918	105.866532	
2010	199	1900	199.791666667		07/18/2010 19:00	110.2574	1.5713	13.1	44.6245	105.8624564	105.878606	1.127335	105.872949	
2010	199	2000	199.833333333		07/18/2010 20:00	110.0874	1.5690	12.94	44.6302	105.8607234	105.876873	1.125630	105.871244	
2010	199	2100	199.875000000		07/18/2010 21:00	110.1074	1.5692	12.86	44.6295	105.8609272	105.877077	1.125831	105.871445	
2010	199	2200	199.916666667		07/18/2010 22:00	110.1774	1.5702	12.79	44.6272	105.8616408	105.877791	1.126532	105.872146	
2010	199	2300	199.958333333		07/18/2010 23:00	110.2874	1.5718	12.76	44.6235	105.8627622	105.878912	1.127635	105.873249	
2010	199	2400	200.000000000		07/19/2010 0:00	110.6074	1.5762	12.73	44.6128	105.8660244	105.882174	1.130844	105.876458	
2010	200	100	200.041666667		07/19/2010 1:00	110.8874	1.5801	12.71	44.6034	105.8688787	105.885029	1.133651	105.879265	
2010	200	200	200.083333333		07/19/2010 2:00	111.0374	1.5822	12.69	44.5984	105.8704079	105.886558	1.135155	105.880769	
2010	200	300	200.125000000		07/19/2010 3:00	111.0274	1.5821	12.67	44.5987	105.8703059	105.886456	1.135055	105.880669	
2010	200	400	200.166666667		07/19/2010 4:00	111.1774	1.5842	12.66	44.5937	105.8718351	105.887985	1.136559	105.882173	
2010	200	500	200.208333333		07/19/2010 5:00	111.1274	1.5835	12.76	44.5954	105.8713253	105.887475	1.136058	105.881672	
2010	200	600	200.250000000		07/19/2010 6:00	111.1174	1.5834	13.48	44.5957	105.8712234	105.887373	1.135957	105.881571	
2010	200	700	200.291666667		07/19/2010 7:00	111.6474	1.5908	13.44	44.5780	105.8766263	105.892776	1.141271	105.886885	
2010	200	800	200.333333333		07/19/2010 8:00	111.7874	1.5927	13.38	44.5733	105.8780535	105.894203	1.142675	105.888289	
2010	200	900	200.375000000		07/19/2010 9:00	111.9274	1.5947	13.33	44.5686	105.8794807	105.895631	1.144079	105.889693	
2010	200	1000	200.416666667		07/19/2010 10:00	111.8874	1.5941	13.29	44.5700	105.879073	105.895223	1.143678	105.889292	
2010	200	1100	200.458333333		07/19/2010 11:00	112.0774	1.5968	13.25	44.5636	105.8810099	105.897160	1.145583	105.891197	
2010	200	1200	200.500000000		07/19/2010 12:00	111.9874	1.5955	13.24	44.5666	105.8800924	105.896242	1.144680	105.890294	
2010	200	1300	200.541666667		07/19/2010 13:00	111.8074	1.5930	13.23	44.5726	105.8782574	105.894407	1.142875	105.888489	
2010	200	1400	200.583333333		07/19/2010 14:00	111.7174	1.5917	13.21	44.5757	105.8773399	105.893490	1.141973	105.887587	
2010	200	1500	200.625000000		07/19/2010 15:00	111.1374	1.5836	13.19	44.5951	105.8714273	105.887577	1.136158	105.881772	
2010	200	1600	200.666666667		07/19/2010 16:00	111.4974	1.5887	13.18	44.5830	105.8750972	105.891247	1.139767	105.885381	
2010	200	1700	200.708333333		07/19/2010 17:00	110.8774	1.5800	13.19	44.6038	105.8687768	105.884927	1.133551	105.879165	
2010	200	1800	200.750000000		07/19/2010 18:00	110.5574	1.5755	13.21	44.6145	105.8655146	105.881664	1.130342	105.875956	
2010	200	1900	200.791666667		07/19/2010 19:00	110.3574	1.5727	13.13	44.6211	105.8634758	105.879626	1.128337	105.873951	
2010	200	2000	200.833333333		07/19/2010 20:00	109.9774	1.5674	12.97	44.6339	105.859602	105.875752	1.124527	105.870141	
2010	200	2100	200.875000000		07/19/2010 21:00	109.6574	1.5629	12.88	44.6446	105.8563398	105.872490	1.121319	105.866933	
2010	200	2200	200.916666667		07/19/2010 22:00	109.3274	1.5583	12.82	44.6556	105.8529758	105.869126	1.118010	105.863624	
2010	200	2300	200.958333333		07/19/2010 23:00	108.9574	1.5532	12.78	44.6680	105.8492039	105.865354	1.114300	105.859914	
2010	200	2400	201.000000000		07/20/2010 0:00	109.0674	1.5547	12.75	44.6643	105.8503253	105.866475	1.115403	105.861017	
2010	201	100	201.041666667		07/20/2010 1:00	108.8274	1.5513	12.73	44.6723	105.8478786	105.864028	1.112997	105.858611	
2010	201	200	201.083333333		07/20/2010 2:00	108.7674	1.5505	12.7	44.6743	105.847267	105.863417	1.112395	105.858009	
2010	201	300	201.125000000		07/20/2010 3:00	108.9074	1.5525	12.69	44.6696	105.8486942	105.864844	1.113799	105.859413	
2010	201	400	201.166666667		07/20/2010 4:00	108.9574	1.5532	12.66	44.6680	105.8492039	105.865354	1.114300	105.859914	
2010	201	500	201.208333333		07/20/2010 5:00	108.5774	1.5479	12.78	44.6807	105.8453301	105.861480	1.110490	105.856104	
2010	201	600	201.250000000		07/20/2010 6:00	108.2274	1.5430	13.48	44.6924	105.8417621	105.857912	1.106981	105.852595	
2010	201	700	201.291666667		07/20/2010 7:00	108.5474	1.5474	13.44	44.6817	105.8450243	105.861174	1.110189	105.855803	
2010	201	800	201.333333333		07/20/2010 8:00	108.4674	1.5463	13.38	44.6844	105.8442087	105.860359	1.109387	105.855001	
2010	201	900	201.375000000		07/20/2010 9:00	107.5174	1.5330	13.31	44.7161	105.8345242	105.850674	1.099862	105.845476	
2010	201	1000	201.416666667		07/20/2010 10:00	107.7674	1.5365	13.27	44.7078	105.8370728	105.853223	1.102369	105.847983	
2010	201	1100	201.458333333		07/20/2010 11:00	107.1474	1.5279	13.23	44.7285	105.8307524	105.846902	1.096152	105.841766	
2010	201	1200	201.500000000		07/20/2010 12:00	106.2974	1.5160	13.21	44.7569	105.8220873	105.838237	1.087630	105.833244	
2010	201	1300	201.541666667		07/20/2010 13:00	105.0474	1.4985	13.2	44.7987	105.8093445	105.825494	1.075097	105.820711	
2010	201	1400	201.583333333		07/20/2010 14:00	106.7274	1.5220	13.17	44.7425	105.8264708	105.842621	1.091941	105.837555	
2010	201	1500	201.625000000		07/20/2010 15:00	105.4974	1.5048	13.15	44.7837	105.8139319	105.830082	1.079609	105.825223	
2010	201	1600	201.666666667		07/20/2010 16:00	104.8774	1.4961	13.15	44.8044	105.8076115	105.823761	1.073393	105.819007	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	201	1700	201.708333333		07/20/2010 17:00	104.3574	1.4889	13.17	44.8218	105.8023105	105.818460	1.068179	105.813793	
2010	201	1800	201.750000000		07/20/2010 18:00	104.2474	1.4873	13.18	44.8255	105.8011891	105.817339	1.067076	105.812690	
2010	201	1900	201.791666667		07/20/2010 19:00	104.0974	1.4852	13.08	44.8305	105.79966	105.815810	1.065572	105.811186	
2010	201	2000	201.833333333		07/20/2010 20:00	103.4174	1.4757	12.93	44.8533	105.7927279	105.808878	1.058754	105.804368	
2010	201	2100	201.875000000		07/20/2010 21:00	103.2374	1.4732	12.84	44.8593	105.790893	105.807043	1.056949	105.802563	
2010	201	2200	201.916666667		07/20/2010 22:00	102.6174	1.4646	12.78	44.8800	105.7845725	105.800722	1.050733	105.796347	
2010	201	2300	201.958333333		07/20/2010 23:00	102.1274	1.4577	12.75	44.8964	105.7795774	105.795727	1.045820	105.791434	
2010	201	2400	202.000000000		07/21/2010 0:00	102.1074	1.4574	12.72	44.8971	105.7793735	105.795523	1.045619	105.791233	
2010	202	100	202.041666667		07/21/2010 1:00	101.7274	1.4521	12.71	44.9098	105.7754997	105.791650	1.041809	105.787423	
2010	202	200	202.083333333		07/21/2010 2:00	101.4274	1.4479	12.69	44.9198	105.7724414	105.788591	1.038801	105.784415	
2010	202	300	202.125000000		07/21/2010 3:00	101.0474	1.4426	12.67	44.9325	105.7685676	105.784717	1.034991	105.780605	
2010	202	400	202.166666667		07/21/2010 4:00	100.7374	1.4383	12.66	44.9429	105.7654074	105.781557	1.031883	105.777497	
2010	202	500	202.208333333		07/21/2010 5:00	100.0974	1.4293	12.76	44.9643	105.7588831	105.775033	1.025466	105.771080	
2010	202	600	202.250000000		07/21/2010 6:00	99.7674	1.4247	13.42	44.9753	105.755519	105.771669	1.022158	105.767772	
2010	202	700	202.291666667		07/21/2010 7:00	99.4274	1.4200	13.37	44.9867	105.752053	105.768203	1.018749	105.764363	
2010	202	800	202.333333333		07/21/2010 8:00	99.4874	1.4208	13.31	44.9847	105.7526646	105.768814	1.019350	105.764964	
2010	202	900	202.375000000		07/21/2010 9:00	98.4374	1.4061	13.27	45.0198	105.7419607	105.758111	1.008823	105.754437	
2010	202	1000	202.416666667		07/21/2010 10:00	97.9474	1.3993	13.23	45.0362	105.7369655	105.753115	1.003910	105.749524	
2010	202	1100	202.458333333		07/21/2010 11:00	97.7974	1.3972	13.21	45.0412	105.7354364	105.751586	1.002406	105.748020	
2010	202	1200	202.500000000		07/21/2010 12:00	97.8074	1.3973	13.19	45.0409	105.7355383	105.751688	1.002506	105.748120	
2010	202	1300	202.541666667		07/21/2010 13:00	96.6374	1.3810	13.18	45.0800	105.7236111	105.739761	0.990775	105.736389	
2010	202	1400	202.583333333		07/21/2010 14:00	96.9074	1.3848	13.16	45.0710	105.7263635	105.742513	0.993482	105.739096	
2010	202	1500	202.625000000		07/21/2010 15:00	95.6874	1.3677	13.14	45.1118	105.7139266	105.730076	0.981250	105.726864	
2010	202	1600	202.666666667		07/21/2010 16:00	95.4974	1.3651	13.15	45.1181	105.7119897	105.728140	0.979345	105.724959	
2010	202	1700	202.708333333		07/21/2010 17:00	95.7674	1.3688	13.15	45.1091	105.7147421	105.730892	0.982052	105.727666	
2010	202	1800	202.750000000		07/21/2010 18:00	95.3574	1.3631	13.16	45.1228	105.7105625	105.726712	0.977941	105.723555	
2010	202	1900	202.791666667		07/21/2010 19:00	95.7074	1.3680	13.04	45.1111	105.7141305	105.730280	0.981451	105.727065	
2010	202	2000	202.833333333		07/21/2010 20:00	95.0174	1.3583	12.9	45.1342	105.7070965	105.723246	0.974532	105.720146	
2010	202	2100	202.875000000		07/21/2010 21:00	94.7374	1.3544	12.82	45.1436	105.7042421	105.720392	0.971725	105.717339	
2010	202	2200	202.916666667		07/21/2010 22:00	94.7374	1.3544	12.78	45.1436	105.7042421	105.720392	0.971725	105.717339	
2010	202	2300	202.958333333		07/21/2010 23:00	93.7974	1.3413	12.75	45.1750	105.6946595	105.710809	0.962300	105.707914	
2010	202	2400	203.000000000		07/22/2010 0:00	94.5874	1.3523	12.74	45.1486	105.702713	105.718863	0.970221	105.715835	
2010	203	100	203.041666667		07/22/2010 1:00	94.3074	1.3484	12.72	45.1579	105.6998586	105.716008	0.967414	105.713028	
2010	203	200	203.083333333		07/22/2010 2:00	94.2974	1.3483	12.7	45.1583	105.6997566	105.715906	0.967313	105.712927	
2010	203	300	203.125000000		07/22/2010 3:00	93.7774	1.3410	12.69	45.1757	105.6944556	105.710605	0.962100	105.707714	
2010	203	400	203.166666667		07/22/2010 4:00	94.1874	1.3468	12.67	45.1620	105.6986353	105.714785	0.966210	105.711824	
2010	203	500	203.208333333		07/22/2010 5:00	94.1674	1.3465	12.71	45.1626	105.6984314	105.714581	0.966010	105.711624	
2010	203	600	203.250000000		07/22/2010 6:00	93.3974	1.3357	13.42	45.1884	105.6905818	105.706732	0.958290	105.703904	
2010	203	700	203.291666667		07/22/2010 7:00	93.7574	1.3407	13.36	45.1763	105.6942518	105.710402	0.961899	105.707513	
2010	203	800	203.333333333		07/22/2010 8:00	93.5474	1.3378	13.32	45.1834	105.692111	105.708261	0.959794	105.705408	
2010	203	900	203.375000000		07/22/2010 9:00	93.8474	1.3420	13.27	45.1733	105.6951692	105.711319	0.962801	105.708415	
2010	203	1000	203.416666667		07/22/2010 10:00	93.5574	1.3379	13.25	45.1830	105.6922129	105.708363	0.959894	105.705508	
2010	203	1100	203.458333333		07/22/2010 11:00	94.0474	1.3448	13.21	45.1666	105.6972081	105.713358	0.964807	105.710421	
2010	203	1200	203.500000000		07/22/2010 12:00	93.3974	1.3357	13.2	45.1884	105.6905818	105.706732	0.958290	105.703904	
2010	203	1300	203.541666667		07/22/2010 13:00	94.0074	1.3442	13.19	45.1680	105.6968003	105.712950	0.964406	105.710020	
2010	203	1400	203.583333333		07/22/2010 14:00	93.0674	1.3311	13.18	45.1994	105.6872177	105.703368	0.954981	105.700595	
2010	203	1500	203.625000000		07/22/2010 15:00	93.3574	1.3352	13.18	45.1897	105.6901741	105.706324	0.957888	105.703503	
2010	203	1600	203.666666667		07/22/2010 16:00	93.2274	1.3333	13.18	45.1941	105.6888488	105.704999	0.956585	105.702199	
2010	203	1700	203.708333333		07/22/2010 17:00	93.8674	1.3423	13.2	45.1727	105.6953731	105.711523	0.963002	105.708616	
2010	203	1800	203.750000000		07/22/2010 18:00	94.0574	1.3449	13.23	45.1663	105.69731	105.713460	0.964907	105.710521	
2010	203	1900	203.791666667		07/22/2010 19:00	94.1374	1.3461	13.15	45.1636	105.6981256	105.714275	0.965709	105.711323	
2010	203	2000	203.833333333		07/22/2010 20:00	94.1274	1.3459	12.99	45.1640	105.6980236	105.714173	0.965609	105.711223	
2010	203	2100	203.875000000		07/22/2010 21:00	94.4674	1.3507	12.9	45.1526	105.7014897	105.717639	0.969018	105.714632	
2010	203	2200	203.916666667		07/22/2010 22:00	94.5974	1.3525	12.84	45.1482	105.7028149	105.718965	0.970321	105.715935	
2010	203	2300	203.958333333		07/22/2010 23:00	94.7474	1.3546	12.79	45.1432	105.704344	105.720494	0.971825	105.717439	
2010	203	2400	204.000000000		07/23/2010 0:00	95.0174	1.3583	12.75	45.1342	105.7070965	105.723246	0.974532	105.720146	
2010	204	100	204.041666667		07/23/2010 1:00	95.3274	1.3627	12.73	45.1238	105.7102567	105.726407	0.977640	105.723254	
2010	204	200	204.083333333		07/23/2010 2:00	95.1974	1.3609	12.7	45.1282	105.7089314	105.725081	0.976337	105.721951	
2010	204	300	204.125000000		07/23/2010 3:00	95.7874	1.3691	12.7	45.1084	105.714946	105.731096	0.982253	105.727867	
2010	204	400	204.166666667		07/23/2010 4:00	96.0474	1.3727	12.68	45.0997	105.7175965	105.733746	0.984859	105.730474	
2010	204	500	204.208333333		07/23/2010 5:00	95.9074	1.3708	12.76	45.1044	105.7161693	105.732319	0.983456	105.729070	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	600	204.250000000		07/23/2010 6:00	96.4774	1.3788	13.35	45.0854	105.72198	105.738130	0.989171	105.734785	
2010	204	700	204.291666667		07/23/2010 7:00	96.3474	1.3769	13.44	45.0897	105.7206548	105.736805	0.987867	105.733481	
2010	204	800	204.333333333		07/23/2010 8:00	96.8174	1.3835	13.38	45.0740	105.7254461	105.741596	0.992580	105.738194	
2010	204	900	204.375000000		07/23/2010 9:00	97.2874	1.3901	13.33	45.0583	105.7302374	105.746387	0.997292	105.742906	
2010	204	1000	204.416666667		07/23/2010 10:00	97.9774	1.3997	13.29	45.0352	105.7372714	105.753421	1.004210	105.749824	
2010	204	1100	204.458333333		07/23/2010 11:00	98.0274	1.4004	13.26	45.0335	105.7377811	105.753931	1.004712	105.750326	
2010	204	1200	204.500000000		07/23/2010 12:00	97.2474	1.3895	13.26	45.0596	105.7298296	105.745979	0.996891	105.742505	
2010	204	1300	204.541666667		07/23/2010 13:00	98.8074	1.4113	13.25	45.0074	105.7457326	105.761882	1.012532	105.758146	
2010	204	1400	204.583333333		07/23/2010 14:00	98.5074	1.4071	13.22	45.0175	105.7426743	105.758824	1.009524	105.755138	
2010	204	1500	204.625000000		07/23/2010 15:00	98.4174	1.4059	13.21	45.0205	105.7417568	105.757907	1.008622	105.754236	
2010	204	1600	204.666666667		07/23/2010 16:00	98.8774	1.4123	13.21	45.0051	105.7464462	105.762596	1.013234	105.758848	
2010	204	1700	204.708333333		07/23/2010 17:00	98.5374	1.4075	13.19	45.0165	105.7429801	105.759130	1.009825	105.755439	
2010	204	1800	204.750000000		07/23/2010 18:00	98.7474	1.4105	13.21	45.0094	105.7451209	105.761271	1.011931	105.757545	
2010	204	1900	204.791666667		07/23/2010 19:00	99.6974	1.4238	13.09	44.9777	105.7548054	105.770955	1.021456	105.767070	
2010	204	2000	204.833333333		07/23/2010 20:00	99.2674	1.4177	12.94	44.9921	105.7504219	105.766572	1.017144	105.762758	
2010	204	2100	204.875000000		07/23/2010 21:00	99.3974	1.4196	12.85	44.9877	105.7517472	105.767897	1.018448	105.764062	
2010	204	2200	204.916666667		07/23/2010 22:00	99.1974	1.4168	12.81	44.9944	105.7497083	105.765858	1.016443	105.762057	
2010	204	2300	204.958333333		07/23/2010 23:00	99.4074	1.4197	12.76	44.9874	105.7518491	105.767999	1.018548	105.764162	
2010	204	2400	205.000000000		07/24/2010 0:00	99.1574	1.4162	12.73	44.9957	105.7493005	105.765450	1.016042	105.761656	
2010	205	100	205.041666667		07/24/2010 1:00	99.0574	1.4148	12.71	44.9991	105.7482811	105.764431	1.015039	105.760653	
2010	205	200	205.083333333		07/24/2010 2:00	98.9974	1.4140	12.7	45.0011	105.7476695	105.763819	1.014437	105.760051	
2010	205	300	205.125000000		07/24/2010 3:00	99.0574	1.4148	12.68	44.9991	105.7482811	105.764431	1.015039	105.760653	
2010	205	400	205.166666667		07/24/2010 4:00	98.8974	1.4126	12.67	45.0044	105.74665	105.762800	1.013435	105.759049	
2010	205	500	205.208333333		07/24/2010 5:00	98.5674	1.4080	12.73	45.0155	105.743286	105.759436	1.010126	105.755740	
2010	205	600	205.250000000		07/24/2010 6:00	98.8974	1.4126	13.36	45.0044	105.74665	105.762800	1.013435	105.759049	
2010	205	700	205.291666667		07/24/2010 7:00	99.0674	1.4149	13.41	44.9987	105.7483831	105.764533	1.015139	105.760753	
2010	205	800	205.333333333		07/24/2010 8:00	98.7374	1.4103	13.37	45.0098	105.745019	105.761169	1.011830	105.757444	
2010	205	900	205.375000000		07/24/2010 9:00	98.2774	1.4039	13.3	45.0252	105.7403296	105.756479	1.007218	105.752832	
2010	205	1000	205.416666667		07/24/2010 10:00	97.8674	1.3982	13.25	45.0389	105.73615	105.752300	1.003108	105.748722	
2010	205	1100	205.458333333		07/24/2010 11:00	98.3574	1.4050	13.21	45.0225	105.7411452	105.757295	1.008020	105.753634	
2010	205	1200	205.500000000		07/24/2010 12:00	97.9374	1.3992	13.2	45.0365	105.7368636	105.753013	1.003809	105.749423	
2010	205	1300	205.541666667		07/24/2010 13:00	98.0874	1.4013	13.19	45.0315	105.7383927	105.754543	1.005313	105.750927	
2010	205	1400	205.583333333		07/24/2010 14:00	97.7974	1.3972	13.16	45.0412	105.7354364	105.751586	1.002406	105.748020	
2010	205	1500	205.625000000		07/24/2010 15:00	97.2074	1.3890	13.14	45.0610	105.7294218	105.745572	0.996490	105.742104	
2010	205	1600	205.666666667		07/24/2010 16:00	97.4074	1.3918	13.14	45.0543	105.7314607	105.747610	0.998495	105.744109	
2010	205	1700	205.708333333		07/24/2010 17:00	96.6074	1.3806	13.15	45.0810	105.7233053	105.739455	0.990474	105.736088	
2010	205	1800	205.750000000		07/24/2010 18:00	96.4374	1.3782	13.15	45.0867	105.7215723	105.737722	0.988770	105.734384	
2010	205	1900	205.791666667		07/24/2010 19:00	97.0774	1.3871	13.01	45.0653	105.7280966	105.744246	0.995187	105.740801	
2010	205	2000	205.833333333		07/24/2010 20:00	96.3474	1.3769	12.88	45.0897	105.7206548	105.736805	0.987867	105.733481	
2010	205	2100	205.875000000		07/24/2010 21:00	96.0774	1.3732	12.8	45.0987	105.7179023	105.734052	0.985160	105.730774	
2010	205	2200	205.916666667		07/24/2010 22:00	96.1074	1.3736	12.76	45.0977	105.7182082	105.734358	0.985461	105.731075	
2010	205	2300	205.958333333		07/24/2010 23:00	96.2774	1.3760	12.73	45.0921	105.7199412	105.736091	0.987166	105.732780	
2010	205	2400	206.000000000		07/25/2010 0:00	96.3474	1.3769	12.71	45.0897	105.7206548	105.736805	0.987867	105.733481	
2010	206	100	206.041666667		07/25/2010 1:00	96.4774	1.3788	12.7	45.0854	105.72198	105.738130	0.989171	105.734785	
2010	206	200	206.083333333		07/25/2010 2:00	96.6774	1.3815	12.68	45.0787	105.7240189	105.740169	0.991176	105.736790	
2010	206	300	206.125000000		07/25/2010 3:00	96.8974	1.3846	12.67	45.0713	105.7262616	105.742411	0.993382	105.738996	
2010	206	400	206.166666667		07/25/2010 4:00	96.9374	1.3852	12.65	45.0700	105.7266694	105.742819	0.993783	105.739397	
2010	206	500	206.208333333		07/25/2010 5:00	96.5574	1.3799	12.72	45.0827	105.7227956	105.738945	0.989973	105.735587	
2010	206	600	206.250000000		07/25/2010 6:00	96.2174	1.3751	13.31	45.0941	105.7193295	105.735479	0.986564	105.732178	
2010	206	700	206.291666667		07/25/2010 7:00	96.7874	1.3831	13.4	45.0750	105.7251402	105.741290	0.992279	105.737893	
2010	206	800	206.333333333		07/25/2010 8:00	96.4174	1.3779	13.34	45.0874	105.7213684	105.737518	0.988569	105.734183	
2010	206	900	206.375000000		07/25/2010 9:00	96.3674	1.3772	13.29	45.0890	105.7208587	105.737008	0.988068	105.733682	
2010	206	1000	206.416666667		07/25/2010 10:00	96.2674	1.3758	13.23	45.0924	105.7198392	105.735989	0.987065	105.732679	
2010	206	1100	206.458333333		07/25/2010 11:00	96.4874	1.3789	13.19	45.0850	105.722082	105.738232	0.989271	105.734885	
2010	206	1200	206.500000000		07/25/2010 12:00	95.6374	1.3670	13.18	45.1135	105.7134169	105.729567	0.980749	105.726363	
2010	206	1300	206.541666667		07/25/2010 13:00	96.4874	1.3789	13.17	45.0850	105.722082	105.738232	0.989271	105.734885	
2010	206	1400	206.583333333		07/25/2010 14:00	95.6674	1.3674	13.13	45.1125	105.7137227	105.729873	0.981049	105.726663	
2010	206	1500	206.625000000		07/25/2010 15:00	95.8474	1.3699	13.13	45.1064	105.7155577	105.731708	0.982854	105.728468	
2010	206	1600	206.666666667		07/25/2010 16:00	95.0574	1.3589	13.11	45.1329	105.7075042	105.723654	0.974933	105.720547	
2010	206	1700	206.708333333		07/25/2010 17:00	95.3274	1.3627	13.13	45.1238	105.7102567	105.726407	0.977640	105.723254	
2010	206	1800	206.750000000		07/25/2010 18:00	95.4174	1.3639	13.14	45.1208	105.7111742	105.727324	0.978543	105.724157	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	206	1900	206.791666667		07/25/2010 19:00	94.8274	1.3557	13.1	45.1406	105.7051596	105.721309	0.972627	105.718241	
2010	206	2000	206.833333333		07/25/2010 20:00	94.2574	1.3477	12.91	45.1596	105.6993489	105.715499	0.966912	105.712526	
2010	206	2100	206.875000000		07/25/2010 21:00	94.0274	1.3445	12.83	45.1673	105.6970042	105.713154	0.964606	105.710220	
2010	206	2200	206.916666667		07/25/2010 22:00	93.5774	1.3382	12.78	45.1824	105.6924168	105.708567	0.960094	105.705708	
2010	206	2300	206.958333333		07/25/2010 23:00	93.0374	1.3307	12.77	45.2004	105.6869119	105.703062	0.954680	105.700294	
2010	206	2400	207.000000000		07/26/2010 0:00	92.9374	1.3293	12.75	45.2038	105.6858925	105.702042	0.953677	105.699291	
2010	207	100	207.041666667		07/26/2010 1:00	92.4774	1.3229	12.73	45.2191	105.6812032	105.697353	0.949065	105.694679	
2010	207	200	207.083333333		07/26/2010 2:00	92.0874	1.3174	12.71	45.2322	105.6772274	105.693377	0.945155	105.690769	
2010	207	300	207.125000000		07/26/2010 3:00	91.5074	1.3093	12.69	45.2516	105.6713148	105.687465	0.939340	105.684954	
2010	207	400	207.166666667		07/26/2010 4:00	91.2674	1.3059	12.68	45.2596	105.6688682	105.685018	0.936933	105.682547	
2010	207	500	207.208333333		07/26/2010 5:00	90.3274	1.2928	12.73	45.2911	105.6592856	105.675435	0.927509	105.673123	
2010	207	600	207.250000000		07/26/2010 6:00	89.9974	1.2882	13.25	45.3021	105.6559215	105.672071	0.924200	105.669814	
2010	207	700	207.291666667		07/26/2010 7:00	89.6074	1.2827	13.33	45.3151	105.6519457	105.668096	0.920290	105.665904	
2010	207	800	207.333333333		07/26/2010 8:00	88.5174	1.2675	13.29	45.3516	105.640834	105.656984	0.909361	105.654975	
2010	207	900	207.375000000		07/26/2010 9:00	88.2474	1.2637	13.25	45.3606	105.6380816	105.654231	0.906654	105.652268	
2010	207	1000	207.416666667		07/26/2010 10:00	88.1074	1.2618	13.21	45.3653	105.6366544	105.652804	0.905250	105.650864	
2010	207	1100	207.458333333		07/26/2010 11:00	87.5174	1.2535	13.19	45.3850	105.6306398	105.646790	0.899334	105.644948	
2010	207	1200	207.500000000		07/26/2010 12:00	87.9274	1.2593	13.18	45.3713	105.6348195	105.650969	0.903445	105.649059	
2010	207	1300	207.541666667		07/26/2010 13:00	87.4174	1.2521	13.17	45.3884	105.6296204	105.645770	0.898332	105.643946	
2010	207	1400	207.583333333		07/26/2010 14:00	85.9274	1.2313	13.14	45.4382	105.614431	105.630581	0.883392	105.629006	
2010	207	1500	207.625000000		07/26/2010 15:00	86.7374	1.2426	13.13	45.4111	105.6226883	105.638838	0.891514	105.637128	
2010	207	1600	207.666666667		07/26/2010 16:00	86.4174	1.2382	13.12	45.4218	105.6194262	105.635576	0.888305	105.633919	
2010	207	1700	207.708333333		07/26/2010 17:00	85.6574	1.2275	13.13	45.4472	105.6116786	105.627828	0.880685	105.626299	
2010	207	1800	207.750000000		07/26/2010 18:00	86.1474	1.2344	13.16	45.4309	105.6166737	105.632824	0.885598	105.631212	
2010	207	1900	207.791666667		07/26/2010 19:00	85.8174	1.2298	13.08	45.4419	105.6133097	105.629459	0.882289	105.627904	
2010	207	2000	207.833333333		07/26/2010 20:00	85.2374	1.2217	12.93	45.4613	105.607397	105.623547	0.876474	105.622088	
2010	207	2100	207.875000000		07/26/2010 21:00	85.1074	1.2199	12.84	45.4656	105.6060718	105.622222	0.875171	105.620785	
2010	207	2200	207.916666667		07/26/2010 22:00	85.0074	1.2185	12.8	45.4690	105.6050523	105.621202	0.874168	105.619782	
2010	207	2300	207.958333333		07/26/2010 23:00	84.7174	1.2144	12.76	45.4787	105.602096	105.618246	0.871260	105.616874	
2010	207	2400	208.000000000		07/27/2010 0:00	84.5174	1.2116	12.74	45.4854	105.6000572	105.616207	0.869255	105.614869	
2010	208	100	208.041666667		07/27/2010 1:00	84.3574	1.2094	12.73	45.4907	105.5984261	105.614576	0.867651	105.613265	
2010	208	200	208.083333333		07/27/2010 2:00	84.2274	1.2076	12.71	45.4951	105.5971008	105.613251	0.866348	105.611962	
2010	208	300	208.125000000		07/27/2010 3:00	84.0374	1.2049	12.69	45.5014	105.5951639	105.611314	0.864443	105.610057	
2010	208	400	208.166666667		07/27/2010 4:00	84.5574	1.2122	12.7	45.4840	105.6004649	105.616615	0.869656	105.615270	
2010	208	500	208.208333333		07/27/2010 5:00	84.3974	1.2099	12.69	45.4894	105.5988339	105.614984	0.868052	105.613666	
2010	208	600	208.250000000		07/27/2010 6:00	84.4774	1.2111	12.86	45.4867	105.5996494	105.615799	0.868854	105.614468	
2010	208	700	208.291666667		07/27/2010 7:00	84.3674	1.2095	13.35	45.4904	105.598528	105.614678	0.867751	105.613365	
2010	208	800	208.333333333		07/27/2010 8:00	84.7374	1.2147	13.33	45.4780	105.6022999	105.618450	0.871461	105.617075	
2010	208	900	208.375000000		07/27/2010 9:00	84.3774	1.2097	13.31	45.4901	105.59863	105.614780	0.867851	105.613465	
2010	208	1000	208.416666667		07/27/2010 10:00	83.9774	1.2041	13.27	45.5034	105.5945523	105.610702	0.863841	105.609455	
2010	208	1100	208.458333333		07/27/2010 11:00	84.1174	1.2060	13.21	45.4988	105.5959795	105.612129	0.865245	105.610859	
2010	208	1200	208.500000000		07/27/2010 12:00	84.2774	1.2083	13.18	45.4934	105.5976106	105.613760	0.866849	105.612463	
2010	208	1300	208.541666667		07/27/2010 13:00	83.9074	1.2031	13.18	45.5058	105.5938387	105.609989	0.863139	105.608753	
2010	208	1400	208.583333333		07/27/2010 14:00	82.9574	1.1898	13.18	45.5376	105.5841542	105.600304	0.853614	105.599228	
2010	208	1500	208.625000000		07/27/2010 15:00	82.9674	1.1899	13.16	45.5372	105.5842561	105.600406	0.853714	105.599328	
2010	208	1600	208.666666667		07/27/2010 16:00	83.6574	1.1996	13.16	45.5141	105.5912901	105.607440	0.860632	105.606246	
2010	208	1700	208.708333333		07/27/2010 17:00	82.3074	1.1807	13.18	45.5593	105.5775279	105.593678	0.847097	105.592711	
2010	208	1800	208.750000000		07/27/2010 18:00	82.6374	1.1853	13.19	45.5483	105.580892	105.597042	0.850406	105.596020	
2010	208	1900	208.791666667		07/27/2010 19:00	82.3474	1.1813	13.1	45.5580	105.5779357	105.594086	0.847498	105.593112	
2010	208	2000	208.833333333		07/27/2010 20:00	81.9674	1.1760	12.94	45.5707	105.5740619	105.590212	0.843688	105.589302	
2010	208	2100	208.875000000		07/27/2010 21:00	81.7574	1.1730	12.87	45.5777	105.5719211	105.588071	0.841582	105.587196	
2010	208	2200	208.916666667		07/27/2010 22:00	81.4474	1.1687	12.81	45.5881	105.5687609	105.584911	0.838474	105.584088	
2010	208	2300	208.958333333		07/27/2010 23:00	81.4974	1.1694	12.78	45.5864	105.5692706	105.585420	0.838975	105.584589	
2010	208	2400	209.000000000		07/28/2010 0:00	81.3874	1.1679	12.76	45.5901	105.5681493	105.584299	0.837873	105.583487	
2010	209	100	209.041666667		07/28/2010 1:00	81.2974	1.1666	12.73	45.5931	105.5672318	105.583382	0.836970	105.582584	
2010	209	200	209.083333333		07/28/2010 2:00	81.4074	1.1681	12.72	45.5894	105.5683531	105.584503	0.838073	105.583687	
2010	209	300	209.125000000		07/28/2010 3:00	81.2874	1.1665	12.7	45.5934	105.5671298	105.583280	0.836870	105.582484	
2010	209	400	209.166666667		07/28/2010 4:00	81.1074	1.1640	12.68	45.5994	105.5652949	105.581445	0.835065	105.580679	
2010	209	500	209.208333333		07/28/2010 5:00	80.7274	1.1586	12.74	45.6121	105.5614211	105.577571	0.831255	105.576869	
2010	209	600	209.250000000		07/28/2010 6:00	81.0474	1.1631	13.41	45.6014	105.5646832	105.580833	0.834464	105.580078	
2010	209	700	209.291666667		07/28/2010 7:00	80.5174	1.1557	13.37	45.6192	105.5592803	105.575430	0.829150	105.574764	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	800	209.333333333		07/28/2010 8:00	80.5174	1.1557	13.33	45.6192	105.5592803	105.575430	0.829150	105.574764	
2010	209	900	209.375000000		07/28/2010 9:00	81.1674	1.1648	13.27	45.5974	105.5659065	105.582056	0.835667	105.581281	
2010	209	1000	209.416666667		07/28/2010 10:00	79.8474	1.1463	13.25	45.6416	105.5524502	105.568600	0.822432	105.568046	
2010	209	1100	209.458333333		07/28/2010 11:00	80.6074	1.1570	13.24	45.6161	105.5601978	105.576348	0.830052	105.575666	
2010	209	1200	209.500000000		07/28/2010 12:00	80.3474	1.1533	13.23	45.6248	105.5575473	105.573697	0.827445	105.573059	
2010	209	1300	209.541666667		07/28/2010 13:00	81.0674	1.1634	13.23	45.6008	105.5648871	105.581037	0.834664	105.580278	
2010	209	1400	209.583333333		07/28/2010 14:00	80.8074	1.1598	13.25	45.6095	105.5622366	105.578386	0.832057	105.577671	
2010	209	1500	209.625000000		07/28/2010 15:00	80.3974	1.1540	13.26	45.6232	105.558057	105.574207	0.827946	105.573560	
2010	209	1600	209.666666667		07/28/2010 16:00	81.4874	1.1693	13.29	45.5867	105.5691687	105.585319	0.838875	105.584489	
2010	209	1700	209.708333333		07/28/2010 17:00	80.9274	1.1614	13.29	45.6054	105.5634599	105.579610	0.833260	105.578874	
2010	209	1800	209.750000000		07/28/2010 18:00	81.2074	1.1654	13.18	45.5961	105.5663143	105.582464	0.836068	105.581682	
2010	209	1900	209.791666667		07/28/2010 19:00	81.5574	1.1702	13.03	45.5844	105.5698823	105.586032	0.839577	105.585191	
2010	209	2000	209.833333333		07/28/2010 20:00	81.7274	1.1726	12.93	45.5787	105.5716153	105.587765	0.841282	105.586896	
2010	209	2100	209.875000000		07/28/2010 21:00	82.2574	1.1800	12.87	45.5610	105.5770182	105.593168	0.846596	105.592210	
2010	209	2200	209.916666667		07/28/2010 22:00	82.6074	1.1849	12.82	45.5493	105.5805862	105.596736	0.850105	105.595719	
2010	209	2300	209.958333333		07/28/2010 23:00	82.8774	1.1887	12.79	45.5402	105.5833387	105.599488	0.852812	105.598426	
2010	209	2400	210.000000000		07/29/2010 0:00	83.1474	1.1925	12.75	45.5312	105.5860911	105.602241	0.855519	105.601133	
2010	210	100	210.041666667		07/29/2010 1:00	83.5374	1.1979	12.74	45.5182	105.5900668	105.606217	0.859429	105.605043	
2010	210	200	210.083333333		07/29/2010 2:00	83.8474	1.2022	12.72	45.5078	105.593227	105.609377	0.862538	105.608152	
2010	210	300	210.125000000		07/29/2010 3:00	84.0974	1.2057	12.7	45.4994	105.5957756	105.611925	0.865044	105.610658	
2010	210	400	210.166666667		07/29/2010 4:00	84.3874	1.2098	12.68	45.4897	105.5987319	105.614882	0.867952	105.613566	
2010	210	500	210.208333333		07/29/2010 5:00	84.4474	1.2106	12.73	45.4877	105.5993436	105.615493	0.868553	105.614167	
2010	210	600	210.250000000		07/29/2010 6:00	84.3474	1.2092	13.4	45.4911	105.5983242	105.614474	0.867551	105.613165	
2010	210	700	210.291666667		07/29/2010 7:00	84.8474	1.2162	13.41	45.4743	105.6034213	105.619571	0.872564	105.618178	
2010	210	800	210.333333333		07/29/2010 8:00	84.0974	1.2057	13.36	45.4994	105.5957756	105.611925	0.865044	105.610658	
2010	210	900	210.375000000		07/29/2010 9:00	85.7174	1.2284	13.31	45.4452	105.6122902	105.628440	0.881287	105.626901	
2010	210	1000	210.416666667		07/29/2010 10:00	85.8274	1.2299	13.26	45.4416	105.6134116	105.629561	0.882390	105.628004	
2010	210	1100	210.458333333		07/29/2010 11:00	84.6874	1.2140	13.21	45.4797	105.6017902	105.617940	0.870960	105.616574	
2010	210	1200	210.500000000		07/29/2010 12:00	84.9974	1.2183	13.2	45.4693	105.6049504	105.621100	0.874068	105.619682	
2010	210	1300	210.541666667		07/29/2010 13:00	86.1574	1.2345	13.19	45.4305	105.6167757	105.632926	0.885698	105.631312	
2010	210	1400	210.583333333		07/29/2010 14:00	84.6874	1.2140	13.16	45.4797	105.6017902	105.617940	0.870960	105.616574	
2010	210	1500	210.625000000		07/29/2010 15:00	84.7374	1.2147	13.13	45.4780	105.6022999	105.618450	0.871461	105.617075	
2010	210	1600	210.666666667		07/29/2010 16:00	84.2674	1.2081	13.14	45.4937	105.5975086	105.613658	0.866749	105.612363	
2010	210	1700	210.708333333		07/29/2010 17:00	84.6674	1.2137	13.14	45.4804	105.6015863	105.617736	0.870759	105.616373	
2010	210	1800	210.750000000		07/29/2010 18:00	84.1874	1.2070	13.16	45.4964	105.5966931	105.612843	0.865946	105.611560	
2010	210	1900	210.791666667		07/29/2010 19:00	84.5174	1.2116	13.05	45.4854	105.6000572	105.616207	0.869255	105.614869	
2010	210	2000	210.833333333		07/29/2010 20:00	84.6774	1.2138	12.91	45.4800	105.6016882	105.617838	0.870859	105.616473	
2010	210	2100	210.875000000		07/29/2010 21:00	84.6574	1.2136	12.83	45.4807	105.6014844	105.617634	0.870659	105.616273	
2010	210	2200	210.916666667		07/29/2010 22:00	84.7074	1.2143	12.78	45.4790	105.6019941	105.618144	0.871160	105.616774	
2010	210	2300	210.958333333		07/29/2010 23:00	84.3074	1.2087	12.75	45.4924	105.5979164	105.614066	0.867150	105.612764	
2010	210	2400	211.000000000		07/30/2010 0:00	84.9374	1.2175	12.74	45.4713	105.6043387	105.620489	0.873466	105.619080	
2010	211	100	211.041666667		07/30/2010 1:00	85.0674	1.2193	12.73	45.4670	105.605664	105.621814	0.874770	105.620384	
2010	211	200	211.083333333		07/30/2010 2:00	85.1874	1.2210	12.71	45.4630	105.6068873	105.623037	0.875973	105.621587	
2010	211	300	211.125000000		07/30/2010 3:00	84.9474	1.2176	12.7	45.4710	105.6044407	105.620591	0.873567	105.619181	
2010	211	400	211.166666667		07/30/2010 4:00	85.4074	1.2240	12.69	45.4556	105.60913	105.625280	0.878179	105.623793	
2010	211	500	211.208333333		07/30/2010 5:00	85.3674	1.2235	12.68	45.4569	105.6087223	105.624872	0.877778	105.623392	
2010	211	600	211.250000000		07/30/2010 6:00	85.5774	1.2264	13.38	45.4499	105.610863	105.627013	0.879883	105.625497	
2010	211	700	211.291666667		07/30/2010 7:00	85.5174	1.2256	13.36	45.4519	105.6102514	105.626401	0.879282	105.624896	
2010	211	800	211.333333333		07/30/2010 8:00	85.4374	1.2245	13.3	45.4546	105.6094359	105.625586	0.878479	105.624093	
2010	211	900	211.375000000		07/30/2010 9:00	86.0074	1.2324	13.26	45.4355	105.6152466	105.631396	0.884195	105.629809	
2010	211	1000	211.416666667		07/30/2010 10:00	84.5174	1.2116	13.24	45.4854	105.6000572	105.616207	0.869255	105.614869	
2010	211	1100	211.458333333		07/30/2010 11:00	84.7774	1.2152	13.21	45.4767	105.6027077	105.618857	0.871862	105.617476	
2010	211	1200	211.500000000		07/30/2010 12:00	85.0574	1.2192	13.19	45.4673	105.605562	105.621712	0.874669	105.620283	
2010	211	1300	211.541666667		07/30/2010 13:00	85.6974	1.2281	13.18	45.4459	105.6120863	105.628236	0.881086	105.626700	
2010	211	1400	211.583333333		07/30/2010 14:00	84.0374	1.2049	13.16	45.5014	105.5951639	105.611314	0.864443	105.610057	
2010	211	1500	211.625000000		07/30/2010 15:00	83.4074	1.1961	13.13	45.5225	105.5887416	105.604891	0.858126	105.603740	
2010	211	1600	211.666666667		07/30/2010 16:00	82.7074	1.1863	13.13	45.5459	105.5816056	105.597755	0.851107	105.596721	
2010	211	1700	211.708333333		07/30/2010 17:00	83.2074	1.1933	13.13	45.5292	105.5867027	105.602853	0.856121	105.601735	
2010	211	1800	211.750000000		07/30/2010 18:00	82.3574	1.1814	13.15	45.5576	105.5780377	105.594187	0.847598	105.593212	
2010	211	1900	211.791666667		07/30/2010 19:00	82.7074	1.1863	13.06	45.5459	105.5816056	105.597755	0.851107	105.596721	
2010	211	2000	211.833333333		07/30/2010 20:00	81.9174	1.1753	12.9	45.5723	105.5735522	105.589702	0.843187	105.588801	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	211	2100	211.875000000		07/30/2010 21:00	81.6174	1.1711	12.82	45.5824	105.5704939	105.586644	0.840179	105.585793	
2010	211	2200	211.916666667		07/30/2010 22:00	81.3874	1.1679	12.79	45.5901	105.5681493	105.584299	0.837873	105.583487	
2010	211	2300	211.958333333		07/30/2010 23:00	81.2274	1.1656	12.77	45.5954	105.5665182	105.582668	0.836268	105.581882	
2010	211	2400	212.000000000		07/31/2010 0:00	81.0874	1.1637	12.76	45.6001	105.565091	105.581241	0.834865	105.580479	
2010	212	100	212.041666667		07/31/2010 1:00	80.9074	1.1612	12.74	45.6061	105.563256	105.579406	0.833060	105.578674	
2010	212	200	212.083333333		07/31/2010 2:00	80.7574	1.1591	12.72	45.6111	105.5617269	105.577877	0.831556	105.577170	
2010	212	300	212.125000000		07/31/2010 3:00	80.9474	1.1617	12.7	45.6048	105.5636638	105.579814	0.833461	105.579075	
2010	212	400	212.166666667		07/31/2010 4:00	80.4774	1.1551	12.69	45.6205	105.5588725	105.575022	0.828749	105.574363	
2010	212	500	212.208333333		07/31/2010 5:00	80.2074	1.1514	12.79	45.6295	105.5561201	105.572270	0.826041	105.571655	
2010	212	600	212.250000000		07/31/2010 6:00	80.1074	1.1500	13.21	45.6329	105.5551007	105.571250	0.825039	105.570653	
2010	212	700	212.291666667		07/31/2010 7:00	80.0774	1.1496	13.37	45.6339	105.5547948	105.570945	0.824738	105.570352	
2010	212	800	212.333333333		07/31/2010 8:00	79.8274	1.1461	13.41	45.6422	105.5522463	105.568396	0.822231	105.567845	
2010	212	900	212.375000000		07/31/2010 9:00	79.4874	1.1413	13.42	45.6536	105.5487802	105.564930	0.818822	105.564436	
2010	212	1000	212.416666667		07/31/2010 10:00	79.5574	1.1423	13.37	45.6513	105.5494938	105.565644	0.819524	105.565138	
2010	212	1100	212.458333333		07/31/2010 11:00	79.2174	1.1375	13.32	45.6626	105.5460278	105.562178	0.816115	105.561729	
2010	212	1200	212.500000000		07/31/2010 12:00	78.8574	1.1325	13.29	45.6747	105.5423579	105.558508	0.812506	105.558120	
2010	212	1300	212.541666667		07/31/2010 13:00	78.1774	1.1230	13.27	45.6974	105.5354258	105.551576	0.805688	105.551302	
2010	212	1400	212.583333333		07/31/2010 14:00	77.7474	1.1170	13.25	45.7118	105.5310423	105.547192	0.801377	105.546991	
2010	212	1500	212.625000000		07/31/2010 15:00	77.0274	1.1069	13.21	45.7359	105.5237025	105.539852	0.794158	105.539772	
2010	212	1600	212.666666667		07/31/2010 16:00	77.9874	1.1204	13.19	45.7038	105.5334889	105.549639	0.803783	105.549397	
2010	212	1700	212.708333333		07/31/2010 17:00	77.4474	1.1128	13.25	45.7218	105.527984	105.544134	0.798369	105.543983	
2010	212	1800	212.750000000		07/31/2010 18:00	76.5474	1.1002	13.28	45.7519	105.5188092	105.534959	0.789345	105.534959	
2010	212	1900	212.791666667		07/31/2010 19:00	76.5574	1.1004	13.17	45.7516	105.5189112	105.535061	0.789445	105.535059	
2010	212	2000	212.833333333		07/31/2010 20:00	76.2774	1.0965	13.02	45.7610	105.5160568	105.532207	0.786638	105.532252	
2010	212	2100	212.875000000		07/31/2010 21:00	76.0974	1.0939	12.92	45.7670	105.5142218	105.530372	0.784833	105.530447	
2010	212	2200	212.916666667		07/31/2010 22:00	75.7674	1.0893	12.86	45.7780	105.5108578	105.527008	0.781524	105.527138	
2010	212	2300	212.958333333		07/31/2010 23:00	75.5374	1.0861	12.8	45.7857	105.5085131	105.524663	0.779218	105.524832	
2010	212	2400	213.000000000		08/01/2010 0:00	75.3974	1.0842	12.77	45.7904	105.5070859	105.523236	0.777814	105.523428	
2010	213	100	213.041666667		08/01/2010 1:00	75.1974	1.0814	12.74	45.7971	105.505047	105.521197	0.775809	105.521423	
2010	213	200	213.083333333		08/01/2010 2:00	74.9174	1.0774	12.73	45.8065	105.5021927	105.518342	0.773002	105.518616	
2010	213	300	213.125000000		08/01/2010 3:00	74.8774	1.0769	12.73	45.8078	105.5017849	105.517935	0.772601	105.518215	
2010	213	400	213.166666667		08/01/2010 4:00	74.4574	1.0710	12.72	45.8218	105.4975033	105.513653	0.768390	105.514004	
2010	213	500	213.208333333		08/01/2010 5:00	74.0174	1.0649	12.72	45.8366	105.4930179	105.509168	0.763978	105.509592	
2010	213	600	213.250000000		08/01/2010 6:00	73.8074	1.0619	13.44	45.8436	105.4908771	105.507027	0.761873	105.507487	
2010	213	700	213.291666667		08/01/2010 7:00	72.8074	1.0480	13.44	45.8770	105.4806829	105.496833	0.751846	105.497460	
2010	213	800	213.333333333		08/01/2010 8:00	72.8374	1.0484	13.39	45.8760	105.4809887	105.497139	0.752147	105.497761	
2010	213	900	213.375000000		08/01/2010 9:00	72.7974	1.0478	13.35	45.8774	105.4805809	105.496731	0.751746	105.497360	
2010	213	1000	213.416666667		08/01/2010 10:00	72.0474	1.0373	13.3	45.9024	105.4729353	105.489085	0.744226	105.489840	
2010	213	1100	213.458333333		08/01/2010 11:00	70.6774	1.0182	13.25	45.9483	105.4589692	105.475119	0.730490	105.476104	
2010	213	1200	213.500000000		08/01/2010 12:00	72.3074	1.0410	13.24	45.8937	105.4755858	105.491736	0.746833	105.492447	
2010	213	1300	213.541666667		08/01/2010 13:00	71.8174	1.0341	13.23	45.9101	105.4705906	105.486740	0.741920	105.487534	
2010	213	1400	213.583333333		08/01/2010 14:00	70.6174	1.0174	13.21	45.9503	105.4583575	105.474507	0.729888	105.475502	
2010	213	1500	213.625000000		08/01/2010 15:00	69.8374	1.0065	13.19	45.9764	105.450406	105.466556	0.722068	105.467682	
2010	213	1600	213.666666667		08/01/2010 16:00	69.9374	1.0078	13.19	45.9730	105.4514255	105.467575	0.723070	105.468684	
2010	213	1700	213.708333333		08/01/2010 17:00	69.3174	0.9992	13.2	45.9937	105.445105	105.461255	0.716854	105.462468	
2010	213	1800	213.750000000		08/01/2010 18:00	68.8974	0.9933	13.22	46.0078	105.4408235	105.456973	0.712643	105.458257	
2010	213	1900	213.791666667		08/01/2010 19:00	68.4374	0.9869	13.11	46.0232	105.4361341	105.452284	0.708031	105.453645	
2010	213	2000	213.833333333		08/01/2010 20:00	67.7574	0.9774	12.97	46.0459	105.4292021	105.445352	0.701213	105.446827	
2010	213	2100	213.875000000		08/01/2010 21:00	67.3974	0.9724	12.88	46.0580	105.4255321	105.441682	0.697603	105.443217	
2010	213	2200	213.916666667		08/01/2010 22:00	66.6774	0.9623	12.83	46.0820	105.4181923	105.434342	0.690384	105.435998	
2010	213	2300	213.958333333		08/01/2010 23:00	66.1674	0.9552	12.79	46.0991	105.4129932	105.429143	0.685271	105.430885	
2010	213	2400	214.000000000		08/02/2010 0:00	65.9574	0.9522	12.75	46.1061	105.4108525	105.427002	0.683165	105.428779	
2010	214	100	214.041666667		08/02/2010 1:00	65.4874	0.9457	12.74	46.1218	105.4060612	105.422211	0.678453	105.424067	
2010	214	200	214.083333333		08/02/2010 2:00	64.9974	0.9388	12.72	46.1382	105.401066	105.417216	0.673540	105.419154	
2010	214	300	214.125000000		08/02/2010 3:00	64.4874	0.9317	12.7	46.1553	105.395867	105.412017	0.668427	105.414041	
2010	214	400	214.166666667		08/02/2010 4:00	64.0874	0.9261	12.69	46.1687	105.3917893	105.407939	0.664416	105.410030	
2010	214	500	214.208333333		08/02/2010 5:00	63.4574	0.9173	12.72	46.1897	105.3853669	105.401517	0.658099	105.403713	
2010	214	600	214.250000000		08/02/2010 6:00	62.4774	0.9036	13.47	46.2225	105.3753766	105.391526	0.648273	105.393887	
2010	214	700	214.291666667		08/02/2010 7:00	62.0474	0.8976	13.42	46.2369	105.3709931	105.387143	0.643962	105.389576	
2010	214	800	214.333333333		08/02/2010 8:00	61.2474	0.8864	13.37	46.2637	105.3628377	105.378988	0.635941	105.381555	
2010	214	900	214.375000000		08/02/2010 9:00	61.3374	0.8877	13.31	46.2606	105.3637552	105.379905	0.636843	105.382457	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1000	214.416666667		08/02/2010 10:00	61.0574	0.8837	13.27	46.2700	105.3609008	105.377051	0.634036	105.379650	
2010	214	1100	214.458333333		08/02/2010 11:00	60.9574	0.8824	13.24	46.2734	105.3598814	105.376031	0.633033	105.378647	
2010	214	1200	214.500000000		08/02/2010 12:00	60.3174	0.8734	13.23	46.2948	105.3533571	105.369507	0.626616	105.372230	
2010	214	1300	214.541666667		08/02/2010 13:00	58.7874	0.8520	13.21	46.3459	105.3377599	105.353910	0.611276	105.356890	
2010	214	1400	214.583333333		08/02/2010 14:00	59.0774	0.8561	13.19	46.3362	105.3407162	105.356866	0.614184	105.359798	
2010	214	1500	214.625000000		08/02/2010 15:00	58.8774	0.8533	13.18	46.3429	105.3386774	105.354827	0.612178	105.357792	
2010	214	1600	214.666666667		08/02/2010 16:00	58.5574	0.8488	13.18	46.3536	105.3354152	105.351565	0.608970	105.354584	
2010	214	1700	214.708333333		08/02/2010 17:00	58.1374	0.8429	13.19	46.3677	105.3311337	105.347283	0.604759	105.350373	
2010	214	1800	214.750000000		08/02/2010 18:00	57.7274	0.8372	13.2	46.3814	105.326954	105.343104	0.600648	105.346262	
2010	214	1900	214.791666667		08/02/2010 19:00	57.3774	0.8323	13.12	46.3931	105.3233861	105.339536	0.597139	105.342753	
2010	214	2000	214.833333333		08/02/2010 20:00	56.9974	0.8270	12.96	46.4058	105.3195123	105.335662	0.593329	105.338943	
2010	214	2100	214.875000000		08/02/2010 21:00	56.5474	0.8207	12.88	46.4209	105.3149249	105.331075	0.588817	105.334431	
2010	214	2200	214.916666667		08/02/2010 22:00	55.8674	0.8112	12.82	46.4436	105.3079928	105.324143	0.581999	105.327613	
2010	214	2300	214.958333333		08/02/2010 23:00	56.1274	0.8149	12.77	46.4349	105.3106433	105.326793	0.584606	105.330220	
2010	214	2400	215.000000000		08/03/2010 0:00	55.9674	0.8126	12.74	46.4402	105.3090122	105.325162	0.583002	105.328616	
2010	215	100	215.041666667		08/03/2010 1:00	55.8474	0.8109	12.73	46.4443	105.3077889	105.323939	0.581798	105.327413	
2010	215	200	215.083333333		08/03/2010 2:00	55.8974	0.8116	12.71	46.4426	105.3082986	105.324448	0.582300	105.327914	
2010	215	300	215.125000000		08/03/2010 3:00	55.9974	0.8130	12.7	46.4392	105.309318	105.325468	0.583302	105.328916	
2010	215	400	215.166666667		08/03/2010 4:00	55.9974	0.8130	12.69	46.4392	105.309318	105.325468	0.583302	105.328916	
2010	215	500	215.208333333		08/03/2010 5:00	55.8674	0.8112	12.7	46.4436	105.3079928	105.324143	0.581999	105.327613	
2010	215	600	215.250000000		08/03/2010 6:00	56.1274	0.8149	13.42	46.4349	105.3106433	105.326793	0.584606	105.330220	
2010	215	700	215.291666667		08/03/2010 7:00	55.9474	0.8123	13.4	46.4409	105.3088083	105.324958	0.582801	105.328415	
2010	215	800	215.333333333		08/03/2010 8:00	56.9174	0.8259	13.35	46.4085	105.3186967	105.334847	0.592527	105.338141	
2010	215	900	215.375000000		08/03/2010 9:00	56.1674	0.8154	13.29	46.4336	105.3110511	105.327201	0.585007	105.330621	
2010	215	1000	215.416666667		08/03/2010 10:00	55.9974	0.8130	13.26	46.4392	105.309318	105.325468	0.583302	105.328916	
2010	215	1100	215.458333333		08/03/2010 11:00	56.0574	0.8139	13.23	46.4372	105.3099297	105.326080	0.583904	105.329518	
2010	215	1200	215.500000000		08/03/2010 12:00	56.3474	0.8179	13.23	46.4275	105.312886	105.329036	0.586812	105.332426	
2010	215	1300	215.541666667		08/03/2010 13:00	57.2874	0.8311	13.21	46.3961	105.3224686	105.338618	0.596237	105.341851	
2010	215	1400	215.583333333		08/03/2010 14:00	56.0774	0.8142	13.19	46.4366	105.3101336	105.326283	0.584105	105.329719	
2010	215	1500	215.625000000		08/03/2010 15:00	57.3174	0.8315	13.17	46.3951	105.3227744	105.338924	0.596537	105.342151	
2010	215	1600	215.666666667		08/03/2010 16:00	57.4574	0.8334	13.17	46.3904	105.3242016	105.340351	0.597941	105.343555	
2010	215	1700	215.708333333		08/03/2010 17:00	57.1274	0.8288	13.18	46.4015	105.3208375	105.336987	0.594632	105.340246	
2010	215	1800	215.750000000		08/03/2010 18:00	57.5074	0.8341	13.19	46.3887	105.3247113	105.340861	0.598442	105.344056	
2010	215	1900	215.791666667		08/03/2010 19:00	57.9374	0.8401	13.08	46.3744	105.3290948	105.345245	0.602754	105.348368	
2010	215	2000	215.833333333		08/03/2010 20:00	57.9174	0.8399	12.95	46.3750	105.3288909	105.345041	0.602553	105.348167	
2010	215	2100	215.875000000		08/03/2010 21:00	58.1574	0.8432	12.86	46.3670	105.3313375	105.347487	0.604959	105.350573	
2010	215	2200	215.916666667		08/03/2010 22:00	58.6174	0.8496	12.8	46.3516	105.3360269	105.352177	0.609572	105.355186	
2010	215	2300	215.958333333		08/03/2010 23:00	59.0674	0.8559	12.76	46.3366	105.3406143	105.356764	0.614083	105.359697	
2010	215	2400	216.000000000		08/04/2010 0:00	59.2774	0.8589	12.75	46.3295	105.3427551	105.358905	0.616189	105.361803	
2010	216	100	216.041666667		08/04/2010 1:00	59.8674	0.8671	12.73	46.3098	105.3487697	105.364919	0.622105	105.367719	
2010	216	200	216.083333333		08/04/2010 2:00	60.3074	0.8733	12.72	46.2951	105.3532551	105.369405	0.626516	105.372130	
2010	216	300	216.125000000		08/04/2010 3:00	60.6874	0.8786	12.71	46.2824	105.3571289	105.373279	0.630326	105.375940	
2010	216	400	216.166666667		08/04/2010 4:00	61.1074	0.8844	12.69	46.2683	105.3614105	105.377560	0.634537	105.380151	
2010	216	500	216.208333333		08/04/2010 5:00	61.1774	0.8854	12.69	46.2660	105.3621241	105.378274	0.635239	105.380853	
2010	216	600	216.250000000		08/04/2010 6:00	61.4474	0.8892	13.4	46.2570	105.3648765	105.381026	0.637946	105.383560	
2010	216	700	216.291666667		08/04/2010 7:00	61.5574	0.8907	13.38	46.2533	105.3659979	105.382148	0.639049	105.384663	
2010	216	800	216.333333333		08/04/2010 8:00	62.1574	0.8991	13.34	46.2332	105.3721144	105.388264	0.645065	105.390679	
2010	216	900	216.375000000		08/04/2010 9:00	62.2674	0.9007	13.31	46.2295	105.3732358	105.389386	0.646168	105.391782	
2010	216	1000	216.416666667		08/04/2010 10:00	62.3074	0.9012	13.27	46.2282	105.3736436	105.389793	0.646569	105.392183	
2010	216	1100	216.458333333		08/04/2010 11:00	62.4374	0.9030	13.23	46.2239	105.3749688	105.391119	0.647872	105.393486	
2010	216	1200	216.500000000		08/04/2010 12:00	62.2974	0.9011	13.21	46.2285	105.3735416	105.389691	0.646469	105.392083	
2010	216	1300	216.541666667		08/04/2010 13:00	62.5774	0.9050	13.19	46.2192	105.376396	105.392546	0.649276	105.394890	
2010	216	1400	216.583333333		08/04/2010 14:00	63.2574	0.9145	13.17	46.1964	105.3833281	105.399478	0.656094	105.401708	
2010	216	1500	216.625000000		08/04/2010 15:00	63.2474	0.9144	13.16	46.1968	105.3832261	105.399376	0.655994	105.401608	
2010	216	1600	216.666666667		08/04/2010 16:00	63.1874	0.9135	13.15	46.1988	105.3826145	105.398764	0.655392	105.401006	
2010	216	1700	216.708333333		08/04/2010 17:00	63.5974	0.9192	13.16	46.1851	105.3867941	105.402944	0.659503	105.405117	
2010	216	1800	216.750000000		08/04/2010 18:00	63.6274	0.9197	13.16	46.1841	105.3870999	105.403250	0.659804	105.405418	
2010	216	1900	216.791666667		08/04/2010 19:00	64.0874	0.9261	13.02	46.1687	105.3917893	105.407939	0.664416	105.410030	
2010	216	2000	216.833333333		08/04/2010 20:00	63.9274	0.9239	12.89	46.1740	105.3901582	105.406308	0.662812	105.408426	
2010	216	2100	216.875000000		08/04/2010 21:00	64.3474	0.9297	12.82	46.1600	105.3944398	105.410590	0.667023	105.412637	
2010	216	2200	216.916666667		08/04/2010 22:00	64.5674	0.9328	12.78	46.1526	105.3966825	105.412832	0.669229	105.414843	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	216	2300	216.958333333		08/04/2010 23:00	64.8174	0.9363	12.76	46.1443	105.3992311	105.415381	0.671735	105.417349	
2010	216	2400	217.000000000		08/05/2010 0:00	65.1774	0.9413	12.75	46.1322	105.402901	105.419051	0.675345	105.420959	
2010	217	100	217.041666667		08/05/2010 1:00	65.6674	0.9482	12.73	46.1158	105.4078961	105.424046	0.680258	105.425872	
2010	217	200	217.083333333		08/05/2010 2:00	66.0774	0.9539	12.71	46.1021	105.4120758	105.428226	0.684368	105.429983	
2010	217	300	217.125000000		08/05/2010 3:00	66.5174	0.9601	12.69	46.0874	105.4165612	105.432711	0.688780	105.434394	
2010	217	400	217.166666667		08/05/2010 4:00	66.9074	0.9655	12.68	46.0744	105.420537	105.436687	0.692690	105.438304	
2010	217	500	217.208333333		08/05/2010 5:00	67.1274	0.9686	12.67	46.0670	105.4227797	105.438930	0.694896	105.440510	
2010	217	600	217.250000000		08/05/2010 6:00	67.2674	0.9705	13.41	46.0623	105.4242069	105.440357	0.696300	105.441914	
2010	217	700	217.291666667		08/05/2010 7:00	67.4174	0.9726	13.38	46.0573	105.425736	105.441886	0.697804	105.443418	
2010	217	800	217.333333333		08/05/2010 8:00	68.1774	0.9833	13.32	46.0319	105.4334836	105.449633	0.705424	105.451038	
2010	217	900	217.375000000		08/05/2010 9:00	68.0974	0.9821	13.27	46.0346	105.4326681	105.448818	0.704622	105.450236	
2010	217	1000	217.416666667		08/05/2010 10:00	67.6274	0.9756	13.23	46.0503	105.4278768	105.444027	0.699909	105.445523	
2010	217	1100	217.458333333		08/05/2010 11:00	68.4774	0.9874	13.19	46.0218	105.4365419	105.452692	0.708432	105.454046	
2010	217	1200	217.500000000		08/05/2010 12:00	67.6674	0.9761	13.18	46.0489	105.4282846	105.444434	0.700310	105.445924	
2010	217	1300	217.541666667		08/05/2010 13:00	68.9774	0.9944	13.16	46.0051	105.441639	105.457789	0.713445	105.459059	
2010	217	1400	217.583333333		08/05/2010 14:00	68.8174	0.9922	13.13	46.0105	105.4400079	105.456158	0.711841	105.457455	
2010	217	1500	217.625000000		08/05/2010 15:00	68.8674	0.9929	13.12	46.0088	105.4405176	105.456667	0.712342	105.457956	
2010	217	1600	217.666666667		08/05/2010 16:00	68.7274	0.9909	13.13	46.0135	105.4390904	105.455240	0.710938	105.456552	
2010	217	1700	217.708333333		08/05/2010 17:00	68.2874	0.9848	13.13	46.0282	105.434605	105.450755	0.706527	105.452141	
2010	217	1800	217.750000000		08/05/2010 18:00	68.5074	0.9879	13.15	46.0208	105.4368477	105.452998	0.708733	105.454347	
2010	217	1900	217.791666667		08/05/2010 19:00	68.9574	0.9942	13	46.0058	105.4414351	105.457585	0.713245	105.458859	
2010	217	2000	217.833333333		08/05/2010 20:00	68.1474	0.9828	12.87	46.0329	105.4331778	105.449328	0.705123	105.450737	
2010	217	2100	217.875000000		08/05/2010 21:00	68.1974	0.9835	12.82	46.0312	105.4336875	105.449837	0.705624	105.451238	
2010	217	2200	217.916666667		08/05/2010 22:00	68.1374	0.9827	12.78	46.0332	105.4330759	105.449226	0.705023	105.450637	
2010	217	2300	217.958333333		08/05/2010 23:00	68.5574	0.9886	12.76	46.0192	105.4373574	105.453507	0.709234	105.454848	
2010	217	2400	218.000000000		08/06/2010 0:00	68.5874	0.9890	12.74	46.0182	105.4376633	105.453813	0.709535	105.455149	
2010	218	100	218.041666667		08/06/2010 1:00	68.7674	0.9915	12.73	46.0121	105.4394982	105.455648	0.711339	105.456953	
2010	218	200	218.083333333		08/06/2010 2:00	68.8574	0.9928	12.72	46.0091	105.4404157	105.456566	0.712242	105.457856	
2010	218	300	218.125000000		08/06/2010 3:00	68.7974	0.9919	12.71	46.0111	105.439804	105.455954	0.711640	105.457254	
2010	218	400	218.166666667		08/06/2010 4:00	69.2174	0.9978	12.69	45.9971	105.4440856	105.460235	0.715851	105.461465	
2010	218	500	218.208333333		08/06/2010 5:00	69.3674	0.9999	12.68	45.9921	105.4456147	105.461765	0.717355	105.462969	
2010	218	600	218.250000000		08/06/2010 6:00	69.2674	0.9985	13.41	45.9954	105.4445953	105.460745	0.716353	105.461967	
2010	218	700	218.291666667		08/06/2010 7:00	69.2174	0.9978	13.37	45.9971	105.4440856	105.460235	0.715851	105.461465	
2010	218	800	218.333333333		08/06/2010 8:00	69.6774	1.0042	13.31	45.9817	105.448775	105.464925	0.720464	105.466078	
2010	218	900	218.375000000		08/06/2010 9:00	69.4474	1.0010	13.27	45.9894	105.4464303	105.462580	0.718157	105.463771	
2010	218	1000	218.416666667		08/06/2010 10:00	69.9774	1.0084	13.23	45.9717	105.4518332	105.467983	0.723471	105.469085	
2010	218	1100	218.458333333		08/06/2010 11:00	69.3974	1.0003	13.19	45.9911	105.4459206	105.462070	0.717656	105.463270	
2010	218	1200	218.500000000		08/06/2010 12:00	68.6374	0.9897	13.18	46.0165	105.438173	105.454323	0.710036	105.455650	
2010	218	1300	218.541666667		08/06/2010 13:00	69.7574	1.0053	13.16	45.9790	105.4495905	105.465740	0.721266	105.466880	
2010	218	1400	218.583333333		08/06/2010 14:00	69.1274	0.9965	13.15	46.0001	105.4431681	105.459318	0.714949	105.460563	
2010	218	1500	218.625000000		08/06/2010 15:00	68.8074	0.9921	13.14	46.0108	105.439906	105.456056	0.711741	105.457355	
2010	218	1600	218.666666667		08/06/2010 16:00	69.5874	1.0030	13.14	45.9847	105.4478575	105.464007	0.719561	105.465175	
2010	218	1700	218.708333333		08/06/2010 17:00	68.9674	0.9943	13.15	46.0055	105.4415371	105.457687	0.713345	105.458959	
2010	218	1800	218.750000000		08/06/2010 18:00	69.2974	0.9989	13.17	45.9944	105.4449012	105.461051	0.716653	105.462267	
2010	218	1900	218.791666667		08/06/2010 19:00	69.1174	0.9964	13.04	46.0004	105.4430662	105.459216	0.714849	105.460463	
2010	218	2000	218.833333333		08/06/2010 20:00	69.0374	0.9953	12.91	46.0031	105.4422507	105.458400	0.714047	105.459661	
2010	218	2100	218.875000000		08/06/2010 21:00	69.3474	0.9996	12.84	45.9927	105.4454109	105.461561	0.717155	105.462769	
2010	218	2200	218.916666667		08/06/2010 22:00	69.4274	1.0007	12.79	45.9901	105.4462264	105.462376	0.717957	105.463571	
2010	218	2300	218.958333333		08/06/2010 23:00	69.4274	1.0007	12.77	45.9901	105.4462264	105.462376	0.717957	105.463571	
2010	218	2400	219.000000000		08/07/2010 0:00	69.7374	1.0051	12.75	45.9797	105.4493866	105.465536	0.721065	105.466679	
2010	219	100	219.041666667		08/07/2010 1:00	69.8874	1.0072	12.73	45.9747	105.4509157	105.467066	0.722569	105.468183	
2010	219	200	219.083333333		08/07/2010 2:00	69.9174	1.0076	12.71	45.9737	105.4512216	105.467371	0.722870	105.468484	
2010	219	300	219.125000000		08/07/2010 3:00	70.0874	1.0099	12.7	45.9680	105.4529546	105.469104	0.724574	105.470188	
2010	219	400	219.166666667		08/07/2010 4:00	70.0574	1.0095	12.69	45.9690	105.4526488	105.468799	0.724274	105.469888	
2010	219	500	219.208333333		08/07/2010 5:00	69.9474	1.0080	12.68	45.9727	105.4515274	105.467677	0.723171	105.468785	
2010	219	600	219.250000000		08/07/2010 6:00	70.1174	1.0104	13.27	45.9670	105.4532604	105.469410	0.724875	105.470489	
2010	219	700	219.291666667		08/07/2010 7:00	70.3774	1.0140	13.39	45.9583	105.4559109	105.472061	0.727482	105.473096	
2010	219	800	219.333333333		08/07/2010 8:00	70.5174	1.0160	13.33	45.9536	105.4573381	105.473488	0.728886	105.474500	
2010	219	900	219.375000000		08/07/2010 9:00	70.1074	1.0102	13.29	45.9673	105.4531585	105.469308	0.724775	105.470389	
2010	219	1000	219.416666667		08/07/2010 10:00	70.4974	1.0157	13.25	45.9543	105.4571342	105.473284	0.728685	105.474299	
2010	219	1100	219.458333333		08/07/2010 11:00	69.8774	1.0070	13.22	45.9750	105.4508138	105.466964	0.722469	105.468083	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1200	219.500000000		08/07/2010 12:00	70.6074	1.0172	13.21	45.9506	105.4582556	105.474405	0.729788	105.475402	
2010	219	1300	219.541666667		08/07/2010 13:00	69.3374	0.9995	13.21	45.9931	105.4453089	105.461459	0.717055	105.462669	
2010	219	1400	219.583333333		08/07/2010 14:00	71.0174	1.0229	13.17	45.9369	105.4624352	105.478585	0.733899	105.479513	
2010	219	1500	219.625000000		08/07/2010 15:00	69.8774	1.0070	13.17	45.9750	105.4508138	105.466964	0.722469	105.468083	
2010	219	1600	219.666666667		08/07/2010 16:00	69.1974	0.9975	13.18	45.9978	105.4438817	105.460032	0.715651	105.461265	
2010	219	1700	219.708333333		08/07/2010 17:00	69.3874	1.0002	13.2	45.9914	105.4458186	105.461968	0.717556	105.463170	
2010	219	1800	219.750000000		08/07/2010 18:00	69.2174	0.9978	13.24	45.9971	105.4440856	105.460235	0.715851	105.461465	
2010	219	1900	219.791666667		08/07/2010 19:00	69.0774	0.9958	13.08	46.0018	105.4426584	105.458808	0.714448	105.460062	
2010	219	2000	219.833333333		08/07/2010 20:00	69.0074	0.9949	12.96	46.0041	105.4419448	105.458095	0.713746	105.459360	
2010	219	2100	219.875000000		08/07/2010 21:00	69.0374	0.9953	12.88	46.0031	105.4422507	105.458400	0.714047	105.459661	
2010	219	2200	219.916666667		08/07/2010 22:00	69.1474	0.9968	12.83	45.9994	105.443372	105.459522	0.715150	105.460764	
2010	219	2300	219.958333333		08/07/2010 23:00	69.2974	0.9989	12.79	45.9944	105.4449012	105.461051	0.716653	105.462267	
2010	219	2400	220.000000000		08/08/2010 0:00	69.5074	1.0018	12.76	45.9874	105.4470419	105.463192	0.718759	105.464373	
2010	220	100	220.041666667		08/08/2010 1:00	69.7074	1.0046	12.75	45.9807	105.4490808	105.465231	0.720764	105.466378	
2010	220	200	220.083333333		08/08/2010 2:00	69.9374	1.0078	12.74	45.9730	105.4514255	105.467575	0.723070	105.468684	
2010	220	300	220.125000000		08/08/2010 3:00	70.2974	1.0129	12.72	45.9610	105.4550954	105.471245	0.726680	105.472294	
2010	220	400	220.166666667		08/08/2010 4:00	70.4074	1.0144	12.71	45.9573	105.4562167	105.472367	0.727783	105.473397	
2010	220	500	220.208333333		08/08/2010 5:00	70.3674	1.0139	12.69	45.9586	105.455809	105.471959	0.727382	105.472996	
2010	220	600	220.250000000		08/08/2010 6:00	70.8474	1.0206	13.09	45.9426	105.4607022	105.476852	0.732194	105.477808	
2010	220	700	220.291666667		08/08/2010 7:00	70.7974	1.0199	13.39	45.9443	105.4601925	105.476342	0.731693	105.477307	
2010	220	800	220.333333333		08/08/2010 8:00	70.4174	1.0146	13.35	45.9570	105.4563187	105.472469	0.727883	105.473497	
2010	220	900	220.375000000		08/08/2010 9:00	70.9774	1.0224	13.31	45.9382	105.4620274	105.478177	0.733498	105.479112	
2010	220	1000	220.416666667		08/08/2010 10:00	70.2374	1.0120	13.27	45.9630	105.4544837	105.470634	0.726078	105.471692	
2010	220	1100	220.458333333		08/08/2010 11:00	70.0574	1.0095	13.26	45.9690	105.4526488	105.468799	0.724274	105.469888	
2010	220	1200	220.500000000		08/08/2010 12:00	70.8574	1.0207	13.25	45.9422	105.4608041	105.476954	0.732295	105.477909	
2010	220	1300	220.541666667		08/08/2010 13:00	69.6974	1.0045	13.25	45.9810	105.4489788	105.465129	0.720664	105.466278	
2010	220	1400	220.583333333		08/08/2010 14:00	69.0074	0.9949	13.21	46.0041	105.4419448	105.458095	0.713746	105.459360	
2010	220	1500	220.625000000		08/08/2010 15:00	69.3374	0.9995	13.19	45.9931	105.4453089	105.461459	0.717055	105.462669	
2010	220	1600	220.666666667		08/08/2010 16:00	69.5774	1.0028	13.19	45.9851	105.4477555	105.463905	0.719461	105.465075	
2010	220	1700	220.708333333		08/08/2010 17:00	69.0574	0.9956	13.19	46.0024	105.4424545	105.458604	0.714247	105.459861	
2010	220	1800	220.750000000		08/08/2010 18:00	68.9174	0.9936	13.22	46.0071	105.4410273	105.457177	0.712843	105.458457	
2010	220	1900	220.791666667		08/08/2010 19:00	69.0574	0.9956	13.04	46.0024	105.4424545	105.458604	0.714247	105.459861	
2010	220	2000	220.833333333		08/08/2010 20:00	68.4574	0.9872	12.93	46.0225	105.436338	105.452488	0.708231	105.453845	
2010	220	2100	220.875000000		08/08/2010 21:00	68.1274	0.9826	12.85	46.0336	105.4329739	105.449124	0.704923	105.450537	
2010	220	2200	220.916666667		08/08/2010 22:00	67.8474	0.9786	12.81	46.0429	105.4301195	105.446269	0.702115	105.447729	
2010	220	2300	220.958333333		08/08/2010 23:00	67.7074	0.9767	12.77	46.0476	105.4286923	105.444842	0.700712	105.446326	
2010	220	2400	221.000000000		08/09/2010 0:00	67.0774	0.9679	12.75	46.0687	105.42227	105.438420	0.694395	105.440009	
2010	221	100	221.041666667		08/09/2010 1:00	66.7674	0.9635	12.73	46.0790	105.4191098	105.435260	0.691287	105.436901	
2010	221	200	221.083333333		08/09/2010 2:00	66.5474	0.9605	12.71	46.0864	105.416867	105.433017	0.689081	105.434695	
2010	221	300	221.125000000		08/09/2010 3:00	65.9874	0.9526	12.7	46.1051	105.4111583	105.427308	0.683466	105.429080	
2010	221	400	221.166666667		08/09/2010 4:00	65.6574	0.9480	12.69	46.1162	105.4077942	105.423944	0.680157	105.425771	
2010	221	500	221.208333333		08/09/2010 5:00	65.3074	0.9431	12.67	46.1279	105.4042262	105.420376	0.676648	105.422262	
2010	221	600	221.250000000		08/09/2010 6:00	65.2574	0.9424	13.27	46.1295	105.4037165	105.419866	0.676147	105.421761	
2010	221	700	221.291666667		08/09/2010 7:00	63.3874	0.9163	13.48	46.1921	105.3846533	105.400803	0.657398	105.403012	
2010	221	800	221.333333333		08/09/2010 8:00	62.9674	0.9104	13.41	46.2061	105.3803717	105.396522	0.653186	105.398800	
2010	221	900	221.375000000		08/09/2010 9:00	64.0974	0.9262	13.39	46.1683	105.3918912	105.408041	0.664516	105.410130	
2010	221	1000	221.416666667		08/09/2010 10:00	63.5274	0.9183	13.31	46.1874	105.3860805	105.402230	0.658801	105.404415	
2010	221	1100	221.458333333		08/09/2010 11:00	63.4574	0.9173	13.28	46.1897	105.3853669	105.401517	0.658099	105.403713	
2010	221	1200	221.500000000		08/09/2010 12:00	63.0574	0.9117	13.27	46.2031	105.3812892	105.397439	0.654089	105.399703	
2010	221	1300	221.541666667		08/09/2010 13:00	62.4574	0.9033	13.25	46.2232	105.3751727	105.391323	0.648073	105.393687	
2010	221	1400	221.583333333		08/09/2010 14:00	61.4574	0.8893	13.21	46.2566	105.3649785	105.381128	0.638047	105.383661	
2010	221	1500	221.625000000		08/09/2010 15:00	60.7874	0.8800	13.19	46.2790	105.3581483	105.374298	0.631329	105.376943	
2010	221	1600	221.666666667		08/09/2010 16:00	61.9574	0.8963	13.19	46.2399	105.3700756	105.386225	0.643060	105.388674	
2010	221	1700	221.708333333		08/09/2010 17:00	60.8074	0.8803	13.21	46.2784	105.3583522	105.374502	0.631529	105.377143	
2010	221	1800	221.750000000		08/09/2010 18:00	60.7274	0.8791	13.25	46.2810	105.3575367	105.373687	0.630727	105.376341	
2010	221	1900	221.791666667		08/09/2010 19:00	60.3474	0.8738	13.11	46.2938	105.3536629	105.369813	0.626917	105.372531	
2010	221	2000	221.833333333		08/09/2010 20:00	60.2474	0.8724	12.97	46.2971	105.3526435	105.368793	0.625915	105.371529	
2010	221	2100	221.875000000		08/09/2010 21:00	60.0974	0.8703	12.89	46.3021	105.3511143	105.367264	0.624411	105.370025	
2010	221	2200	221.916666667		08/09/2010 22:00	60.0074	0.8691	12.84	46.3051	105.3501969	105.366347	0.623508	105.369122	
2010	221	2300	221.958333333		08/09/2010 23:00	59.9074	0.8677	12.79	46.3085	105.3491774	105.365327	0.622506	105.368120	
2010	221	2400	222.000000000		08/10/2010 0:00	60.0074	0.8691	12.77	46.3051	105.3501969	105.366347	0.623508	105.369122	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	100	222.041666667		08/10/2010 1:00	59.9274	0.8680	12.74	46.3078	105.3493813	105.365531	0.622706	105.368320	
2010	222	200	222.083333333		08/10/2010 2:00	60.0374	0.8695	12.73	46.3041	105.3505027	105.366653	0.623809	105.369423	
2010	222	300	222.125000000		08/10/2010 3:00	60.1474	0.8710	12.71	46.3004	105.351624	105.367774	0.624912	105.370526	
2010	222	400	222.166666667		08/10/2010 4:00	60.3374	0.8737	12.69	46.2941	105.3535609	105.369711	0.626817	105.372431	
2010	222	500	222.208333333		08/10/2010 5:00	60.3374	0.8737	12.67	46.2941	105.3535609	105.369711	0.626817	105.372431	
2010	222	600	222.250000000		08/10/2010 6:00	60.1674	0.8713	13.16	46.2998	105.3518279	105.367978	0.625113	105.370727	
2010	222	700	222.291666667		08/10/2010 7:00	60.5974	0.8773	13.46	46.2854	105.3562114	105.372361	0.629424	105.375038	
2010	222	800	222.333333333		08/10/2010 8:00	60.1774	0.8715	13.4	46.2994	105.3519299	105.368080	0.625213	105.370827	
2010	222	900	222.375000000		08/10/2010 9:00	59.0874	0.8562	13.35	46.3359	105.3408182	105.356968	0.614284	105.359898	
2010	222	1000	222.416666667		08/10/2010 10:00	60.4674	0.8755	13.31	46.2897	105.3548862	105.371036	0.628120	105.373734	
2010	222	1100	222.458333333		08/10/2010 11:00	62.7174	0.9069	13.29	46.2145	105.3778232	105.393973	0.650680	105.396294	
2010	222	1200	222.500000000		08/10/2010 12:00	60.4174	0.8748	13.28	46.2914	105.3543765	105.370526	0.627619	105.373233	
2010	222	1300	222.541666667		08/10/2010 13:00	60.1374	0.8709	13.27	46.3008	105.3515221	105.367672	0.624812	105.370426	
2010	222	1400	222.583333333		08/10/2010 14:00	58.6674	0.8503	13.28	46.3499	105.3365366	105.352686	0.610073	105.355687	
2010	222	1500	222.625000000		08/10/2010 15:00	58.6074	0.8495	13.27	46.3520	105.3359249	105.352075	0.609471	105.355085	
2010	222	1600	222.666666667		08/10/2010 16:00	59.3074	0.8593	13.27	46.3285	105.3430609	105.359211	0.616490	105.362104	
2010	222	1700	222.708333333		08/10/2010 17:00	59.0074	0.8551	13.26	46.3386	105.3400026	105.356152	0.613482	105.359096	
2010	222	1800	222.750000000		08/10/2010 18:00	58.7974	0.8522	13.28	46.3456	105.3378619	105.354012	0.611376	105.356990	
2010	222	1900	222.791666667		08/10/2010 19:00	58.8974	0.8536	13.19	46.3423	105.3388813	105.355031	0.612379	105.357993	
2010	222	2000	222.833333333		08/10/2010 20:00	58.5774	0.8491	13.04	46.3530	105.3356191	105.351769	0.609171	105.354785	
2010	222	2100	222.875000000		08/10/2010 21:00	58.5774	0.8491	12.95	46.3530	105.3356191	105.351769	0.609171	105.354785	
2010	222	2200	222.916666667		08/10/2010 22:00	58.5374	0.8485	12.88	46.3543	105.3352114	105.351361	0.608769	105.354383	
2010	222	2300	222.958333333		08/10/2010 23:00	58.5974	0.8494	12.83	46.3523	105.335823	105.351973	0.609371	105.354985	
2010	222	2400	223.000000000		08/11/2010 0:00	58.7874	0.8520	12.78	46.3459	105.3377599	105.353910	0.611276	105.356890	
2010	223	100	223.041666667		08/11/2010 1:00	58.9774	0.8547	12.75	46.3396	105.3396968	105.355847	0.613181	105.358795	
2010	223	200	223.083333333		08/11/2010 2:00	59.1074	0.8565	12.73	46.3352	105.3410221	105.357172	0.614485	105.360099	
2010	223	300	223.125000000		08/11/2010 3:00	59.2574	0.8586	12.72	46.3302	105.3425512	105.358701	0.615988	105.361603	
2010	223	400	223.166666667		08/11/2010 4:00	59.4774	0.8617	12.7	46.3229	105.3447939	105.360944	0.618194	105.363808	
2010	223	500	223.208333333		08/11/2010 5:00	59.6874	0.8646	12.69	46.3158	105.3469347	105.363085	0.620300	105.365914	
2010	223	600	223.250000000		08/11/2010 6:00	59.9174	0.8678	13.02	46.3081	105.3492794	105.365429	0.622606	105.368220	
2010	223	700	223.291666667		08/11/2010 7:00	59.9374	0.8681	13.47	46.3075	105.3494833	105.365633	0.622806	105.368420	
2010	223	800	223.333333333		08/11/2010 8:00	60.2374	0.8723	13.44	46.2974	105.3525415	105.368691	0.625814	105.371428	
2010	223	900	223.375000000		08/11/2010 9:00	60.6774	0.8784	13.41	46.2827	105.357027	105.373177	0.630226	105.375840	
2010	223	1000	223.416666667		08/11/2010 10:00	60.9174	0.8818	13.41	46.2747	105.3594736	105.375623	0.632632	105.378246	
2010	223	1100	223.458333333		08/11/2010 11:00	60.2674	0.8727	13.35	46.2964	105.3528474	105.368997	0.626115	105.371729	
2010	223	1200	223.500000000		08/11/2010 12:00	61.0974	0.8843	13.31	46.2687	105.3613086	105.377458	0.634437	105.380051	
2010	223	1300	223.541666667		08/11/2010 13:00	61.6074	0.8914	13.27	46.2516	105.3665076	105.382657	0.639551	105.385165	
2010	223	1400	223.583333333		08/11/2010 14:00	60.4674	0.8755	13.25	46.2897	105.3548862	105.371036	0.628120	105.373734	
2010	223	1500	223.625000000		08/11/2010 15:00	61.7374	0.8933	13.23	46.2473	105.3678329	105.383983	0.640854	105.386468	
2010	223	1600	223.666666667		08/11/2010 16:00	61.5374	0.8905	13.23	46.2540	105.365794	105.381944	0.638849	105.384463	
2010	223	1700	223.708333333		08/11/2010 17:00	61.8874	0.8953	13.24	46.2423	105.369362	105.385512	0.642358	105.387972	
2010	223	1800	223.750000000		08/11/2010 18:00	62.1774	0.8994	13.26	46.2326	105.3723183	105.388468	0.645266	105.390880	
2010	223	1900	223.791666667		08/11/2010 19:00	62.5474	0.9046	13.09	46.2202	105.3760902	105.392240	0.648975	105.394589	
2010	223	2000	223.833333333		08/11/2010 20:00	62.5574	0.9047	12.97	46.2198	105.3761921	105.392342	0.649076	105.394690	
2010	223	2100	223.875000000		08/11/2010 21:00	62.9274	0.9099	12.89	46.2075	105.379964	105.396114	0.652785	105.398399	
2010	223	2200	223.916666667		08/11/2010 22:00	63.1074	0.9124	12.83	46.2014	105.3817989	105.397949	0.654590	105.400204	
2010	223	2300	223.958333333		08/11/2010 23:00	63.2574	0.9145	12.78	46.1964	105.3833281	105.399478	0.656094	105.401708	
2010	223	2400	224.000000000		08/12/2010 0:00	63.6774	0.9204	12.75	46.1824	105.3876096	105.403759	0.660305	105.405919	
2010	224	100	224.041666667		08/12/2010 1:00	63.8574	0.9229	12.73	46.1764	105.3894446	105.405594	0.662110	105.407724	
2010	224	200	224.083333333		08/12/2010 2:00	64.2074	0.9278	12.71	46.1647	105.3930126	105.409162	0.665619	105.411233	
2010	224	300	224.125000000		08/12/2010 3:00	64.1074	0.9264	12.71	46.1680	105.3919932	105.408143	0.664617	105.410231	
2010	224	400	224.166666667		08/12/2010 4:00	64.3074	0.9292	12.69	46.1613	105.394032	105.410182	0.666622	105.412236	
2010	224	500	224.208333333		08/12/2010 5:00	64.3574	0.9299	12.67	46.1596	105.3945417	105.410692	0.667123	105.412737	
2010	224	600	224.250000000		08/12/2010 6:00	64.0874	0.9261	13.16	46.1687	105.3917893	105.407939	0.664416	105.410030	
2010	224	700	224.291666667		08/12/2010 7:00	63.5274	0.9183	13.42	46.1874	105.3860805	105.402230	0.658801	105.404415	
2010	224	800	224.333333333		08/12/2010 8:00	63.9774	0.9246	13.36	46.1723	105.3906679	105.406818	0.663313	105.408927	
2010	224	900	224.375000000		08/12/2010 9:00	63.8174	0.9223	13.31	46.1777	105.3890368	105.405187	0.661709	105.407323	
2010	224	1000	224.416666667		08/12/2010 10:00	63.9174	0.9237	13.27	46.1744	105.3900563	105.406206	0.662711	105.408325	
2010	224	1100	224.458333333		08/12/2010 11:00	63.3974	0.9165	13.23	46.1917	105.3847553	105.400905	0.657498	105.403112	
2010	224	1200	224.500000000		08/12/2010 12:00	64.1174	0.9265	13.22	46.1677	105.3920951	105.408245	0.664717	105.410331	
2010	224	1300	224.541666667		08/12/2010 13:00	63.7274	0.9211	13.2	46.1807	105.3881194	105.404269	0.660806	105.406420	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1400	224.583333333		08/12/2010 14:00	63.5874	0.9191	13.18	46.1854	105.3866922	105.402842	0.659403	105.405017	
2010	224	1500	224.625000000		08/12/2010 15:00	62.7374	0.9072	13.16	46.2138	105.3780271	105.394177	0.650880	105.396494	
2010	224	1600	224.666666667		08/12/2010 16:00	63.0474	0.9116	13.16	46.2035	105.3811873	105.397337	0.653989	105.399603	
2010	224	1700	224.708333333		08/12/2010 17:00	62.4874	0.9037	13.16	46.2222	105.3754785	105.391628	0.648374	105.393988	
2010	224	1800	224.750000000		08/12/2010 18:00	62.4674	0.9035	13.18	46.2229	105.3752746	105.391424	0.648173	105.393787	
2010	224	1900	224.791666667		08/12/2010 19:00	62.3774	0.9022	12.99	46.2259	105.3743572	105.390507	0.647271	105.392885	
2010	224	2000	224.833333333		08/12/2010 20:00	61.8974	0.8955	12.89	46.2419	105.3694639	105.385614	0.642458	105.388072	
2010	224	2100	224.875000000		08/12/2010 21:00	61.5474	0.8906	12.82	46.2536	105.365896	105.382046	0.638949	105.384563	
2010	224	2200	224.916666667		08/12/2010 22:00	61.4874	0.8898	12.77	46.2556	105.3652843	105.381434	0.638347	105.383961	
2010	224	2300	224.958333333		08/12/2010 23:00	61.2474	0.8864	12.76	46.2637	105.3628377	105.378988	0.635941	105.381555	
2010	224	2400	225.000000000		08/13/2010 0:00	61.3974	0.8885	12.74	46.2586	105.3643668	105.380517	0.637445	105.383059	
2010	225	100	225.041666667		08/13/2010 1:00	61.1474	0.8850	12.72	46.2670	105.3618183	105.377968	0.634938	105.380552	
2010	225	200	225.083333333		08/13/2010 2:00	61.0774	0.8840	12.71	46.2693	105.3611047	105.377254	0.634237	105.379851	
2010	225	300	225.125000000		08/13/2010 3:00	61.0474	0.8836	12.7	46.2703	105.3607988	105.376949	0.633936	105.379550	
2010	225	400	225.166666667		08/13/2010 4:00	61.0174	0.8832	12.69	46.2713	105.360493	105.376643	0.633635	105.379249	
2010	225	500	225.208333333		08/13/2010 5:00	60.9574	0.8824	12.67	46.2734	105.3598814	105.376031	0.633033	105.378647	
2010	225	600	225.250000000		08/13/2010 6:00	60.9474	0.8822	13.16	46.2737	105.3597794	105.375929	0.632933	105.378547	
2010	225	700	225.291666667		08/13/2010 7:00	60.7574	0.8796	13.41	46.2800	105.3578425	105.373992	0.631028	105.376642	
2010	225	800	225.333333333		08/13/2010 8:00	60.5974	0.8773	13.36	46.2854	105.3562114	105.372361	0.629424	105.375038	
2010	225	900	225.375000000		08/13/2010 9:00	60.6874	0.8786	13.32	46.2824	105.3571289	105.373279	0.630326	105.375940	
2010	225	1000	225.416666667		08/13/2010 10:00	60.2674	0.8727	13.28	46.2964	105.3528474	105.368997	0.626115	105.371729	
2010	225	1100	225.458333333		08/13/2010 11:00	59.7874	0.8660	13.25	46.3125	105.3479541	105.364104	0.621302	105.366916	
2010	225	1200	225.500000000		08/13/2010 12:00	60.0274	0.8694	13.24	46.3045	105.3504007	105.366551	0.623709	105.369323	
2010	225	1300	225.541666667		08/13/2010 13:00	59.8174	0.8664	13.23	46.3115	105.34826	105.364410	0.621603	105.367217	
2010	225	1400	225.583333333		08/13/2010 14:00	60.0174	0.8692	13.19	46.3048	105.3502988	105.366449	0.623609	105.369223	
2010	225	1500	225.625000000		08/13/2010 15:00	59.6174	0.8636	13.18	46.3182	105.3462211	105.362371	0.619598	105.365212	
2010	225	1600	225.666666667		08/13/2010 16:00	59.6874	0.8646	13.18	46.3158	105.3469347	105.363085	0.620300	105.365914	
2010	225	1700	225.708333333		08/13/2010 17:00	59.4374	0.8611	13.19	46.3242	105.3443862	105.360536	0.617793	105.363407	
2010	225	1800	225.750000000		08/13/2010 18:00	59.0374	0.8555	13.21	46.3376	105.3403085	105.356458	0.613783	105.359397	
2010	225	1900	225.791666667		08/13/2010 19:00	58.9874	0.8548	13.02	46.3392	105.3397988	105.355949	0.613281	105.358895	
2010	225	2000	225.833333333		08/13/2010 20:00	58.7374	0.8513	12.91	46.3476	105.3372502	105.353400	0.610775	105.356389	
2010	225	2100	225.875000000		08/13/2010 21:00	58.6374	0.8499	12.84	46.3509	105.3362308	105.352381	0.609772	105.355386	
2010	225	2200	225.916666667		08/13/2010 22:00	58.5874	0.8492	12.79	46.3526	105.3357211	105.351871	0.609271	105.354885	
2010	225	2300	225.958333333		08/13/2010 23:00	58.9374	0.8541	12.78	46.3409	105.339289	105.355439	0.612780	105.358394	
2010	225	2400	226.000000000		08/14/2010 0:00	58.8474	0.8529	12.76	46.3439	105.3383716	105.354521	0.611878	105.357492	
2010	226	100	226.041666667		08/14/2010 1:00	59.1974	0.8578	12.75	46.3322	105.3419395	105.358089	0.615387	105.361001	
2010	226	200	226.083333333		08/14/2010 2:00	59.3074	0.8593	12.74	46.3285	105.3430609	105.359211	0.616490	105.362104	
2010	226	300	226.125000000		08/14/2010 3:00	60.0774	0.8701	12.72	46.3028	105.3509105	105.367060	0.624210	105.369824	
2010	226	400	226.166666667		08/14/2010 4:00	59.7674	0.8657	12.7	46.3132	105.3477502	105.363900	0.621102	105.366716	
2010	226	500	226.208333333		08/14/2010 5:00	60.0474	0.8696	12.68	46.3038	105.3506046	105.366754	0.623909	105.369523	
2010	226	600	226.250000000		08/14/2010 6:00	60.3374	0.8737	13.04	46.2941	105.3535609	105.369711	0.626817	105.372431	
2010	226	700	226.291666667		08/14/2010 7:00	60.6574	0.8782	13.4	46.2834	105.3568231	105.372973	0.630025	105.375639	
2010	226	800	226.333333333		08/14/2010 8:00	60.5174	0.8762	13.35	46.2881	105.3553959	105.371546	0.628622	105.374236	
2010	226	900	226.375000000		08/14/2010 9:00	60.2574	0.8726	13.31	46.2968	105.3527454	105.368895	0.626015	105.371629	
2010	226	1000	226.416666667		08/14/2010 10:00	60.4774	0.8756	13.25	46.2894	105.3549881	105.371138	0.628221	105.373835	
2010	226	1100	226.458333333		08/14/2010 11:00	60.9874	0.8828	13.21	46.2724	105.3601872	105.376337	0.633334	105.378948	
2010	226	1200	226.500000000		08/14/2010 12:00	60.7174	0.8790	13.19	46.2814	105.3574348	105.373585	0.630627	105.376241	
2010	226	1300	226.541666667		08/14/2010 13:00	59.5374	0.8625	13.2	46.3208	105.3454056	105.361555	0.618796	105.364410	
2010	226	1400	226.583333333		08/14/2010 14:00	60.7174	0.8790	13.17	46.2814	105.3574348	105.373585	0.630627	105.376241	
2010	226	1500	226.625000000		08/14/2010 15:00	61.0274	0.8833	13.15	46.2710	105.360595	105.376745	0.633735	105.379349	
2010	226	1600	226.666666667		08/14/2010 16:00	60.2374	0.8723	13.16	46.2974	105.3525415	105.368691	0.625814	105.371428	
2010	226	1700	226.708333333		08/14/2010 17:00	60.3774	0.8742	13.16	46.2928	105.3539687	105.370119	0.627218	105.372832	
2010	226	1800	226.750000000		08/14/2010 18:00	60.2074	0.8719	13.18	46.2984	105.3522357	105.368386	0.625514	105.371128	
2010	226	1900	226.791666667		08/14/2010 19:00	60.1074	0.8705	13	46.3018	105.3512163	105.367366	0.624511	105.370125	
2010	226	2000	226.833333333		08/14/2010 20:00	59.8874	0.8674	12.89	46.3091	105.3489735	105.365123	0.622305	105.367919	
2010	226	2100	226.875000000		08/14/2010 21:00	59.6974	0.8647	12.83	46.3155	105.3470366	105.363186	0.620400	105.366014	
2010	226	2200	226.916666667		08/14/2010 22:00	59.6374	0.8639	12.78	46.3175	105.346425	105.362575	0.619799	105.365413	
2010	226	2300	226.958333333		08/14/2010 23:00	59.5674	0.8629	12.77	46.3198	105.3457114	105.361861	0.619097	105.364711	
2010	226	2400	227.000000000		08/15/2010 0:00	59.6674	0.8643	12.76	46.3165	105.3467308	105.362881	0.620099	105.365713	
2010	227	100	227.041666667		08/15/2010 1:00	59.6974	0.8647	12.74	46.3155	105.3470366	105.363186	0.620400	105.366014	
2010	227	200	227.083333333		08/15/2010 2:00	59.7974	0.8661	12.73	46.3122	105.3480561	105.364206	0.621403	105.367017	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	300	227.125000000		08/15/2010 3:00	59.9474	0.8682	12.71	46.3071	105.3495852	105.365735	0.622907	105.368521	
2010	227	400	227.166666667		08/15/2010 4:00	60.5074	0.8761	12.69	46.2884	105.355294	105.371444	0.628521	105.374135	
2010	227	500	227.208333333		08/15/2010 5:00	60.4674	0.8755	12.67	46.2897	105.3548862	105.371036	0.628120	105.373734	
2010	227	600	227.250000000		08/15/2010 6:00	60.2474	0.8724	13.05	46.2971	105.3526435	105.368793	0.625915	105.371529	
2010	227	700	227.291666667		08/15/2010 7:00	60.2474	0.8724	13.39	46.2971	105.3526435	105.368793	0.625915	105.371529	
2010	227	800	227.333333333		08/15/2010 8:00	60.1974	0.8717	13.33	46.2988	105.3521338	105.368284	0.625413	105.371027	
2010	227	900	227.375000000		08/15/2010 9:00	59.8174	0.8664	13.29	46.3115	105.34826	105.364410	0.621603	105.367217	
2010	227	1000	227.416666667		08/15/2010 10:00	59.8074	0.8663	13.25	46.3118	105.348158	105.364308	0.621503	105.367117	
2010	227	1100	227.458333333		08/15/2010 11:00	59.5374	0.8625	13.21	46.3208	105.3454056	105.361555	0.618796	105.364410	
2010	227	1200	227.500000000		08/15/2010 12:00	59.5774	0.8631	13.2	46.3195	105.3458133	105.361963	0.619197	105.364811	
2010	227	1300	227.541666667		08/15/2010 13:00	59.5674	0.8629	13.18	46.3198	105.3457114	105.361861	0.619097	105.364711	
2010	227	1400	227.583333333		08/15/2010 14:00	59.7574	0.8656	13.16	46.3135	105.3476483	105.363798	0.621002	105.366616	
2010	227	1500	227.625000000		08/15/2010 15:00	59.2274	0.8582	13.15	46.3312	105.3422454	105.358395	0.615688	105.361302	
2010	227	1600	227.666666667		08/15/2010 16:00	58.8174	0.8524	13.14	46.3449	105.3380657	105.354216	0.611577	105.357191	
2010	227	1700	227.708333333		08/15/2010 17:00	58.4674	0.8476	13.15	46.3566	105.3344978	105.350648	0.608068	105.353682	
2010	227	1800	227.750000000		08/15/2010 18:00	58.2974	0.8452	13.16	46.3623	105.3327647	105.348915	0.606363	105.351977	
2010	227	1900	227.791666667		08/15/2010 19:00	58.5374	0.8485	12.96	46.3543	105.3352114	105.351361	0.608769	105.354383	
2010	227	2000	227.833333333		08/15/2010 20:00	58.0174	0.8413	12.86	46.3717	105.3299104	105.346060	0.603556	105.349170	
2010	227	2100	227.875000000		08/15/2010 21:00	57.2474	0.8305	12.81	46.3974	105.3220608	105.338211	0.595835	105.341449	
2010	227	2200	227.916666667		08/15/2010 22:00	57.2474	0.8305	12.78	46.3974	105.3220608	105.338211	0.595835	105.341449	
2010	227	2300	227.958333333		08/15/2010 23:00	56.9874	0.8269	12.75	46.4061	105.3194103	105.335560	0.593229	105.338843	
2010	227	2400	228.000000000		08/16/2010 0:00	56.6374	0.8220	12.74	46.4178	105.3158423	105.331992	0.589719	105.335333	
2010	228	100	228.041666667		08/16/2010 1:00	56.1474	0.8151	12.72	46.4342	105.3108472	105.326997	0.584806	105.330420	
2010	228	200	228.083333333		08/16/2010 2:00	56.3574	0.8181	12.7	46.4272	105.312988	105.329138	0.586912	105.332526	
2010	228	300	228.125000000		08/16/2010 3:00	56.0674	0.8140	12.68	46.4369	105.3100316	105.326181	0.584004	105.329618	
2010	228	400	228.166666667		08/16/2010 4:00	56.0874	0.8143	12.67	46.4362	105.3102355	105.326385	0.584205	105.329819	
2010	228	500	228.208333333		08/16/2010 5:00	55.9974	0.8130	12.66	46.4392	105.309318	105.325468	0.583302	105.328916	
2010	228	600	228.250000000		08/16/2010 6:00	55.4774	0.8058	13.08	46.4566	105.304017	105.320167	0.578089	105.323703	
2010	228	700	228.291666667		08/16/2010 7:00	55.9674	0.8126	13.42	46.4402	105.3090122	105.325162	0.583002	105.328616	
2010	228	800	228.333333333		08/16/2010 8:00	56.0974	0.8144	13.35	46.4359	105.3103375	105.326487	0.584305	105.329919	
2010	228	900	228.375000000		08/16/2010 9:00	55.1974	0.8019	13.29	46.4660	105.3011627	105.317312	0.575281	105.320895	
2010	228	1000	228.416666667		08/16/2010 10:00	55.3174	0.8035	13.24	46.4620	105.302386	105.318536	0.576485	105.322099	
2010	228	1100	228.458333333		08/16/2010 11:00	54.5074	0.7922	13.2	46.4891	105.2941286	105.310278	0.568363	105.313977	
2010	228	1200	228.500000000		08/16/2010 12:00	54.5874	0.7933	13.19	46.4864	105.2949442	105.311094	0.569165	105.314779	
2010	228	1300	228.541666667		08/16/2010 13:00	53.8374	0.7828	13.18	46.5115	105.2872985	105.303448	0.561645	105.307259	
2010	228	1400	228.583333333		08/16/2010 14:00	54.6874	0.7947	13.15	46.4831	105.2959636	105.312113	0.570168	105.315782	
2010	228	1500	228.625000000		08/16/2010 15:00	54.3074	0.7894	13.13	46.4958	105.2920898	105.308240	0.566358	105.311972	
2010	228	1600	228.666666667		08/16/2010 16:00	54.1974	0.7879	13.13	46.4994	105.2909684	105.307118	0.565255	105.310869	
2010	228	1700	228.708333333		08/16/2010 17:00	54.2974	0.7893	13.13	46.4961	105.2919879	105.308138	0.566258	105.311872	
2010	228	1800	228.750000000		08/16/2010 18:00	53.9274	0.7841	13.16	46.5085	105.288216	105.304366	0.562548	105.308162	
2010	228	1900	228.791666667		08/16/2010 19:00	54.1074	0.7866	12.97	46.5025	105.290051	105.306201	0.564353	105.309967	
2010	228	2000	228.833333333		08/16/2010 20:00	53.5974	0.7795	12.86	46.5195	105.2848519	105.301002	0.559239	105.304853	
2010	228	2100	228.875000000		08/16/2010 21:00	53.4774	0.7778	12.81	46.5235	105.2836286	105.299778	0.558036	105.303650	
2010	228	2200	228.916666667		08/16/2010 22:00	53.5174	0.7784	12.77	46.5222	105.2840364	105.300186	0.558437	105.304051	
2010	228	2300	228.958333333		08/16/2010 23:00	53.6074	0.7796	12.76	46.5192	105.2849539	105.301104	0.559339	105.304953	
2010	228	2400	229.000000000		08/17/2010 0:00	53.9974	0.7851	12.74	46.5061	105.2889296	105.305079	0.563250	105.308864	
2010	229	100	229.041666667		08/17/2010 1:00	53.6874	0.7808	12.73	46.5165	105.2857694	105.301919	0.560141	105.305755	
2010	229	200	229.083333333		08/17/2010 2:00	53.9974	0.7851	12.72	46.5061	105.2889296	105.305079	0.563250	105.308864	
2010	229	300	229.125000000		08/17/2010 3:00	53.9074	0.7838	12.7	46.5091	105.2880121	105.304162	0.562347	105.307961	
2010	229	400	229.166666667		08/17/2010 4:00	54.3474	0.7900	12.69	46.4944	105.2924976	105.308647	0.566759	105.312373	
2010	229	500	229.208333333		08/17/2010 5:00	54.9474	0.7984	12.67	46.4744	105.2986141	105.314764	0.572775	105.318389	
2010	229	600	229.250000000		08/17/2010 6:00	54.9174	0.7979	13.14	46.4754	105.2983083	105.314458	0.572474	105.318088	
2010	229	700	229.291666667		08/17/2010 7:00	54.4374	0.7912	13.42	46.4914	105.2934151	105.309565	0.567661	105.313275	
2010	229	800	229.333333333		08/17/2010 8:00	54.8074	0.7964	13.35	46.4790	105.2971869	105.313337	0.571371	105.316985	
2010	229	900	229.375000000		08/17/2010 9:00	54.8374	0.7968	13.29	46.4780	105.2974927	105.313643	0.571672	105.317286	
2010	229	1000	229.416666667		08/17/2010 10:00	56.3074	0.8174	13.23	46.4289	105.3124782	105.328628	0.586411	105.332025	
2010	229	1100	229.458333333		08/17/2010 11:00	55.3674	0.8042	13.19	46.4603	105.3028957	105.319046	0.576986	105.322600	
2010	229	1200	229.500000000		08/17/2010 12:00	55.5474	0.8067	13.17	46.4543	105.3047306	105.320880	0.578791	105.324405	
2010	229	1300	229.541666667		08/17/2010 13:00	54.8374	0.7968	13.16	46.4780	105.2974927	105.313643	0.571672	105.317286	
2010	229	1400	229.583333333		08/17/2010 14:00	55.1974	0.8019	13.13	46.4660	105.3011627	105.317312	0.575281	105.320895	
2010	229	1500	229.625000000		08/17/2010 15:00	54.5974	0.7935	13.12	46.4861	105.2950461	105.311196	0.569266	105.314880	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1600	229.666666667		08/17/2010 16:00	54.5374	0.7926	13.12	46.4881	105.2944345	105.310584	0.568664	105.314278	
2010	229	1700	229.708333333		08/17/2010 17:00	54.6674	0.7944	13.13	46.4837	105.2957597	105.311910	0.569967	105.315581	
2010	229	1800	229.750000000		08/17/2010 18:00	54.7474	0.7956	13.16	46.4811	105.2965753	105.312725	0.570769	105.316383	
2010	229	1900	229.791666667		08/17/2010 19:00	54.5574	0.7929	12.95	46.4874	105.2946384	105.310788	0.568864	105.314478	
2010	229	2000	229.833333333		08/17/2010 20:00	54.7174	0.7951	12.86	46.4821	105.2962694	105.312419	0.570469	105.316083	
2010	229	2100	229.875000000		08/17/2010 21:00	54.7174	0.7951	12.82	46.4821	105.2962694	105.312419	0.570469	105.316083	
2010	229	2200	229.916666667		08/17/2010 22:00	54.9474	0.7984	12.78	46.4744	105.2986141	105.314764	0.572775	105.318389	
2010	229	2300	229.958333333		08/17/2010 23:00	55.4674	0.8056	12.78	46.4570	105.3039151	105.320065	0.577988	105.323602	
2010	229	2400	230.000000000		08/18/2010 0:00	55.9574	0.8125	12.76	46.4406	105.3089103	105.325060	0.582901	105.328515	
2010	230	100	230.041666667		08/18/2010 1:00	55.9374	0.8122	12.75	46.4413	105.3087064	105.324856	0.582701	105.328315	
2010	230	200	230.083333333		08/18/2010 2:00	56.6274	0.8218	12.74	46.4182	105.3157404	105.331890	0.589619	105.335233	
2010	230	300	230.125000000		08/18/2010 3:00	56.5774	0.8211	12.73	46.4198	105.3152307	105.331381	0.589118	105.334732	
2010	230	400	230.166666667		08/18/2010 4:00	57.3674	0.8322	12.73	46.3934	105.3232841	105.339434	0.597039	105.342653	
2010	230	500	230.208333333		08/18/2010 5:00	57.9474	0.8403	12.71	46.3740	105.3291968	105.345347	0.602854	105.348468	
2010	230	600	230.250000000		08/18/2010 6:00	57.5874	0.8353	12.92	46.3861	105.3255268	105.341677	0.599244	105.344858	
2010	230	700	230.291666667		08/18/2010 7:00	58.1574	0.8432	13.32	46.3670	105.3313375	105.347487	0.604959	105.350573	
2010	230	800	230.333333333		08/18/2010 8:00	58.3674	0.8462	13.31	46.3600	105.3334783	105.349628	0.607065	105.352679	
2010	230	900	230.375000000		08/18/2010 9:00	58.5174	0.8483	13.31	46.3550	105.3350075	105.351157	0.608569	105.354183	
2010	230	1000	230.416666667		08/18/2010 10:00	58.8574	0.8530	13.31	46.3436	105.3384735	105.354623	0.611978	105.357592	
2010	230	1100	230.458333333		08/18/2010 11:00	58.7874	0.8520	13.3	46.3459	105.3377599	105.353910	0.611276	105.356890	
2010	230	1200	230.500000000		08/18/2010 12:00	58.4874	0.8478	13.29	46.3560	105.3347016	105.350851	0.608268	105.353882	
2010	230	1300	230.541666667		08/18/2010 13:00	57.3474	0.8319	13.25	46.3941	105.3230802	105.339230	0.596838	105.342452	
2010	230	1400	230.583333333		08/18/2010 14:00	59.1174	0.8566	13.21	46.3349	105.341124	105.357274	0.614585	105.360199	
2010	230	1500	230.625000000		08/18/2010 15:00	58.4474	0.8473	13.18	46.3573	105.3342939	105.350444	0.607867	105.353481	
2010	230	1600	230.666666667		08/18/2010 16:00	59.3274	0.8596	13.15	46.3279	105.3432648	105.359415	0.616690	105.362304	
2010	230	1700	230.708333333		08/18/2010 17:00	58.9074	0.8537	13.15	46.3419	105.3389832	105.355133	0.612479	105.358093	
2010	230	1800	230.750000000		08/18/2010 18:00	59.2174	0.8580	13.16	46.3316	105.3421434	105.358293	0.615587	105.361201	
2010	230	1900	230.791666667		08/18/2010 19:00	59.6474	0.8640	12.96	46.3172	105.3465269	105.362677	0.619899	105.365513	
2010	230	2000	230.833333333		08/18/2010 20:00	59.1674	0.8573	12.88	46.3332	105.3416337	105.357784	0.615086	105.360700	
2010	230	2100	230.875000000		08/18/2010 21:00	59.2874	0.8590	12.83	46.3292	105.342857	105.359007	0.616289	105.361903	
2010	230	2200	230.916666667		08/18/2010 22:00	60.2674	0.8727	12.8	46.2964	105.3528474	105.368997	0.626115	105.371729	
2010	230	2300	230.958333333		08/18/2010 23:00	60.4074	0.8747	12.78	46.2918	105.3542745	105.370424	0.627519	105.373133	
2010	230	2400	231.000000000		08/19/2010 0:00	60.9174	0.8818	12.76	46.2747	105.3594736	105.375623	0.632632	105.378246	
2010	231	100	231.041666667		08/19/2010 1:00	61.1574	0.8851	12.75	46.2667	105.3619202	105.378070	0.635039	105.380653	
2010	231	200	231.083333333		08/19/2010 2:00	61.6674	0.8923	12.73	46.2496	105.3671193	105.383269	0.640152	105.385766	
2010	231	300	231.125000000		08/19/2010 3:00	61.9274	0.8959	12.71	46.2409	105.3697698	105.385920	0.642759	105.388373	
2010	231	400	231.166666667		08/19/2010 4:00	62.3474	0.9018	12.7	46.2269	105.3740513	105.390201	0.646970	105.392584	
2010	231	500	231.208333333		08/19/2010 5:00	62.7574	0.9075	12.69	46.2132	105.378231	105.394381	0.651081	105.396695	
2010	231	600	231.250000000		08/19/2010 6:00	63.0174	0.9111	13.12	46.2045	105.3808815	105.397031	0.653688	105.399302	
2010	231	700	231.291666667		08/19/2010 7:00	63.3774	0.9162	13.42	46.1924	105.3845514	105.400701	0.657297	105.402911	
2010	231	800	231.333333333		08/19/2010 8:00	63.4374	0.9170	13.37	46.1904	105.385163	105.401313	0.657899	105.403513	
2010	231	900	231.375000000		08/19/2010 9:00	64.2574	0.9285	13.33	46.1630	105.3935223	105.409672	0.666120	105.411734	
2010	231	1000	231.416666667		08/19/2010 10:00	64.4174	0.9307	13.28	46.1576	105.3951534	105.411303	0.667725	105.413339	
2010	231	1100	231.458333333		08/19/2010 11:00	63.8574	0.9229	13.25	46.1764	105.3894446	105.405594	0.662110	105.407724	
2010	231	1200	231.500000000		08/19/2010 12:00	64.7674	0.9356	13.23	46.1459	105.3987213	105.414871	0.671234	105.416848	
2010	231	1300	231.541666667		08/19/2010 13:00	64.4974	0.9318	13.21	46.1550	105.3959689	105.412119	0.668527	105.414141	
2010	231	1400	231.583333333		08/19/2010 14:00	63.6574	0.9201	13.18	46.1831	105.3874058	105.403556	0.660105	105.405719	
2010	231	1500	231.625000000		08/19/2010 15:00	64.4274	0.9308	13.17	46.1573	105.3952553	105.411405	0.667825	105.413439	
2010	231	1600	231.666666667		08/19/2010 16:00	64.4974	0.9318	13.17	46.1550	105.3959689	105.412119	0.668527	105.414141	
2010	231	1700	231.708333333		08/19/2010 17:00	64.0274	0.9253	13.18	46.1707	105.3911776	105.407327	0.663814	105.409428	
2010	231	1800	231.750000000		08/19/2010 18:00	63.8574	0.9229	13.2	46.1764	105.3894446	105.405594	0.662110	105.407724	
2010	231	1900	231.791666667		08/19/2010 19:00	63.6874	0.9205	13.01	46.1820	105.3877116	105.403861	0.660405	105.406019	
2010	231	2000	231.833333333		08/19/2010 20:00	63.3274	0.9155	12.9	46.1941	105.3840417	105.400191	0.656796	105.402410	
2010	231	2100	231.875000000		08/19/2010 21:00	63.1674	0.9132	12.85	46.1994	105.3824106	105.398560	0.655192	105.400806	
2010	231	2200	231.916666667		08/19/2010 22:00	62.4974	0.9039	12.81	46.2218	105.3755805	105.391730	0.648474	105.394088	
2010	231	2300	231.958333333		08/19/2010 23:00	62.6974	0.9067	12.78	46.2152	105.3776193	105.393769	0.650479	105.396093	
2010	231	2400	232.000000000		08/20/2010 0:00	62.6574	0.9061	12.76	46.2165	105.3772115	105.393361	0.650078	105.395692	
2010	232	100	232.041666667		08/20/2010 1:00	62.4874	0.9037	12.74	46.2222	105.3754785	105.391628	0.648374	105.393988	
2010	232	200	232.083333333		08/20/2010 2:00	62.1874	0.8995	12.73	46.2322	105.3724203	105.388570	0.645366	105.390980	
2010	232	300	232.125000000		08/20/2010 3:00	62.0074	0.8970	12.71	46.2382	105.3705853	105.386735	0.643561	105.389175	
2010	232	400	232.166666667		08/20/2010 4:00	61.6674	0.8923	12.69	46.2496	105.3671193	105.383269	0.640152	105.385766	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	232	500	232.208333333		08/20/2010 5:00	61.5774	0.8910	12.68	46.2526	105.3662018	105.382352	0.639250	105.384864	
2010	232	600	232.250000000		08/20/2010 6:00	61.2374	0.8863	13.27	46.2640	105.3627357	105.378886	0.635841	105.381455	
2010	232	700	232.291666667		08/20/2010 7:00	60.5274	0.8763	13.5	46.2877	105.3554978	105.371648	0.628722	105.374336	
2010	232	800	232.333333333		08/20/2010 8:00	60.8974	0.8815	13.43	46.2754	105.3592697	105.375420	0.632432	105.378046	
2010	232	900	232.375000000		08/20/2010 9:00	61.3874	0.8884	13.37	46.2590	105.3642649	105.380415	0.637345	105.382959	
2010	232	1000	232.416666667		08/20/2010 10:00	59.2574	0.8586	13.33	46.3302	105.3425512	105.358701	0.615988	105.361603	
2010	232	1100	232.458333333		08/20/2010 11:00	60.2574	0.8726	13.3	46.2968	105.3527454	105.368895	0.626015	105.371629	
2010	232	1200	232.500000000		08/20/2010 12:00	59.9174	0.8678	13.29	46.3081	105.3492794	105.365429	0.622606	105.368220	
2010	232	1300	232.541666667		08/20/2010 13:00	58.4874	0.8478	13.27	46.3560	105.3347016	105.350851	0.608268	105.353882	
2010	232	1400	232.583333333		08/20/2010 14:00	58.8474	0.8529	13.24	46.3439	105.3383716	105.354521	0.611878	105.357492	
2010	232	1500	232.625000000		08/20/2010 15:00	58.8574	0.8530	13.23	46.3436	105.3384735	105.354623	0.611978	105.357592	
2010	232	1600	232.666666667		08/20/2010 16:00	58.0374	0.8415	13.22	46.3710	105.3301142	105.346264	0.603756	105.349370	
2010	232	1700	232.708333333		08/20/2010 17:00	58.2474	0.8445	13.23	46.3640	105.332255	105.348405	0.605862	105.351476	
2010	232	1800	232.750000000		08/20/2010 18:00	57.9774	0.8407	13.25	46.3730	105.3295026	105.345652	0.603155	105.348769	
2010	232	1900	232.791666667		08/20/2010 19:00	57.8074	0.8383	13.04	46.3787	105.3277696	105.343919	0.601450	105.347064	
2010	232	2000	232.833333333		08/20/2010 20:00	57.2974	0.8312	12.94	46.3958	105.3225705	105.338720	0.596337	105.341951	
2010	232	2100	232.875000000		08/20/2010 21:00	57.1574	0.8292	12.88	46.4004	105.3211433	105.337293	0.594933	105.340547	
2010	232	2200	232.916666667		08/20/2010 22:00	56.8374	0.8248	12.83	46.4112	105.3178812	105.334031	0.591725	105.337339	
2010	232	2300	232.958333333		08/20/2010 23:00	56.8474	0.8249	12.8	46.4108	105.3179831	105.334133	0.591825	105.337439	
2010	232	2400	233.000000000		08/21/2010 0:00	56.9474	0.8263	12.78	46.4075	105.3190025	105.335152	0.592828	105.338442	
2010	233	100	233.041666667		08/21/2010 1:00	57.1474	0.8291	12.77	46.4008	105.3210414	105.337191	0.594833	105.340447	
2010	233	200	233.083333333		08/21/2010 2:00	56.9774	0.8267	12.75	46.4065	105.3193084	105.335458	0.593128	105.338742	
2010	233	300	233.125000000		08/21/2010 3:00	57.5474	0.8347	12.73	46.3874	105.3251191	105.341269	0.598843	105.344457	
2010	233	400	233.166666667		08/21/2010 4:00	57.5374	0.8346	12.72	46.3877	105.3250171	105.341167	0.598743	105.344357	
2010	233	500	233.208333333		08/21/2010 5:00	57.8274	0.8386	12.7	46.3780	105.3279735	105.344123	0.601651	105.347265	
2010	233	600	233.250000000		08/21/2010 6:00	57.6974	0.8368	13.51	46.3824	105.3266482	105.342798	0.600347	105.345961	
2010	233	700	233.291666667		08/21/2010 7:00	58.3074	0.8453	13.46	46.3620	105.3328667	105.349017	0.606463	105.352077	
2010	233	800	233.333333333		08/21/2010 8:00	58.0974	0.8424	13.46	46.3690	105.3307259	105.346876	0.604358	105.349972	
2010	233	900	233.375000000		08/21/2010 9:00	58.4774	0.8477	13.4	46.3563	105.3345997	105.350750	0.608168	105.353782	
2010	233	1000	233.416666667		08/21/2010 10:00	58.0074	0.8411	13.34	46.3720	105.3298084	105.345958	0.603456	105.349070	
2010	233	1100	233.458333333		08/21/2010 11:00	58.4974	0.8480	13.29	46.3556	105.3348036	105.350953	0.608368	105.353982	
2010	233	1200	233.500000000		08/21/2010 12:00	58.1974	0.8438	13.28	46.3657	105.3317453	105.347895	0.605361	105.350975	
2010	233	1300	233.541666667		08/21/2010 13:00	57.2574	0.8306	13.26	46.3971	105.3221628	105.338313	0.595936	105.341550	
2010	233	1400	233.583333333		08/21/2010 14:00	58.6274	0.8498	13.23	46.3513	105.3361288	105.352279	0.609672	105.355286	
2010	233	1500	233.625000000		08/21/2010 15:00	57.8674	0.8392	13.22	46.3767	105.3283812	105.344531	0.602052	105.347666	
2010	233	1600	233.666666667		08/21/2010 16:00	57.8374	0.8387	13.23	46.3777	105.3280754	105.344225	0.601751	105.347365	
2010	233	1700	233.708333333		08/21/2010 17:00	57.6574	0.8362	13.18	46.3837	105.3262404	105.342390	0.599946	105.345560	
2010	233	1800	233.750000000		08/21/2010 18:00	56.7974	0.8242	13.03	46.4125	105.3174734	105.333623	0.591324	105.336938	
2010	233	1900	233.791666667		08/21/2010 19:00	57.1874	0.8297	12.94	46.3994	105.3214492	105.337599	0.595234	105.340848	
2010	233	2000	233.833333333		08/21/2010 20:00	56.7574	0.8237	12.87	46.4138	105.3170656	105.333215	0.590923	105.336537	
2010	233	2100	233.875000000		08/21/2010 21:00	56.5074	0.8202	12.83	46.4222	105.3145171	105.330667	0.588416	105.334030	
2010	233	2200	233.916666667		08/21/2010 22:00	56.2874	0.8171	12.79	46.4295	105.3122744	105.328424	0.586210	105.331824	
2010	233	2300	233.958333333		08/21/2010 23:00	55.9974	0.8130	12.77	46.4392	105.309318	105.325468	0.583302	105.328916	
2010	233	2400	234.000000000		08/22/2010 0:00	55.8874	0.8115	12.75	46.4429	105.3081967	105.324347	0.582200	105.327814	
2010	234	100	234.041666667		08/22/2010 1:00	55.6774	0.8086	12.74	46.4499	105.3060559	105.322206	0.580094	105.325708	
2010	234	200	234.083333333		08/22/2010 2:00	55.4774	0.8058	12.71	46.4566	105.304017	105.320167	0.578089	105.323703	
2010	234	300	234.125000000		08/22/2010 3:00	55.3874	0.8045	12.7	46.4596	105.3030996	105.319249	0.577186	105.322800	
2010	234	400	234.166666667		08/22/2010 4:00	55.5474	0.8067	12.68	46.4543	105.3047306	105.320880	0.578791	105.324405	
2010	234	500	234.208333333		08/22/2010 5:00	55.6374	0.8080	12.67	46.4513	105.3056481	105.321798	0.579693	105.325307	
2010	234	600	234.250000000		08/22/2010 6:00	55.9674	0.8126	13.3	46.4402	105.3090122	105.325162	0.583002	105.328616	
2010	234	700	234.291666667		08/22/2010 7:00	55.4974	0.8060	13.49	46.4560	105.3042209	105.320371	0.578289	105.323903	
2010	234	800	234.333333333		08/22/2010 8:00	55.0774	0.8002	13.44	46.4700	105.2999394	105.316089	0.574078	105.319692	
2010	234	900	234.375000000		08/22/2010 9:00	54.9274	0.7981	13.38	46.4750	105.2984102	105.314560	0.572574	105.318188	
2010	234	1000	234.416666667		08/22/2010 10:00	55.1774	0.8016	13.34	46.4667	105.3009588	105.317109	0.575081	105.320695	
2010	234	1100	234.458333333		08/22/2010 11:00	55.3774	0.8044	13.31	46.4600	105.3029976	105.319147	0.577086	105.322700	
2010	234	1200	234.500000000		08/22/2010 12:00	53.7574	0.7817	13.31	46.5142	105.286483	105.302633	0.560843	105.306457	
2010	234	1300	234.541666667		08/22/2010 13:00	55.2574	0.8027	13.28	46.4640	105.3017743	105.317924	0.575883	105.321497	
2010	234	1400	234.583333333		08/22/2010 14:00	54.6974	0.7949	13.29	46.4827	105.2960656	105.312215	0.570268	105.315882	
2010	234	1500	234.625000000		08/22/2010 15:00	54.1974	0.7879	13.31	46.4994	105.2909684	105.307118	0.565255	105.310869	
2010	234	1600	234.666666667		08/22/2010 16:00	54.4474	0.7914	13.31	46.4911	105.293517	105.309667	0.567762	105.313376	
2010	234	1700	234.708333333		08/22/2010 17:00	54.4874	0.7919	13.32	46.4897	105.2939248	105.310075	0.568163	105.313777	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1800	234.750000000		08/22/2010 18:00	53.8774	0.7834	13.34	46.5101	105.2877063	105.303856	0.562047	105.307661	
2010	234	1900	234.791666667		08/22/2010 19:00	53.5774	0.7792	13.15	46.5202	105.284648	105.300798	0.559039	105.304653	
2010	234	2000	234.833333333		08/22/2010 20:00	53.2474	0.7746	13.04	46.5312	105.2812839	105.297434	0.555730	105.301344	
2010	234	2100	234.875000000		08/22/2010 21:00	52.8474	0.7690	12.95	46.5446	105.2772062	105.293356	0.551719	105.297333	
2010	234	2200	234.916666667		08/22/2010 22:00	52.5074	0.7643	12.89	46.5560	105.2737402	105.289890	0.548310	105.293924	
2010	234	2300	234.958333333		08/22/2010 23:00	52.1274	0.7590	12.84	46.5687	105.2698664	105.286016	0.544500	105.290114	
2010	234	2400	235.000000000		08/23/2010 0:00	51.7374	0.7535	12.79	46.5817	105.2658907	105.282040	0.540590	105.286204	
2010	235	100	235.041666667		08/23/2010 1:00	51.3774	0.7485	12.76	46.5938	105.2622207	105.278371	0.536981	105.282595	
2010	235	200	235.083333333		08/23/2010 2:00	50.7874	0.7402	12.73	46.6135	105.2562062	105.272356	0.531065	105.276679	
2010	235	300	235.125000000		08/23/2010 3:00	50.4374	0.7353	12.72	46.6252	105.2526382	105.268788	0.527556	105.273170	
2010	235	400	235.166666667		08/23/2010 4:00	49.9574	0.7286	12.7	46.6413	105.247745	105.263895	0.522743	105.268357	
2010	235	500	235.208333333		08/23/2010 5:00	49.5774	0.7233	12.7	46.6540	105.2438711	105.260021	0.518933	105.264547	
2010	235	600	235.250000000		08/23/2010 6:00	49.0174	0.7155	13.08	46.6727	105.2381624	105.254312	0.513318	105.258932	
2010	235	700	235.291666667		08/23/2010 7:00	48.4274	0.7072	13.55	46.6924	105.2321478	105.248298	0.507403	105.253017	
2010	235	800	235.333333333		08/23/2010 8:00	48.4074	0.7070	13.49	46.6931	105.2319439	105.248094	0.507202	105.252816	
2010	235	900	235.375000000		08/23/2010 9:00	47.1274	0.6891	13.43	46.7359	105.2188953	105.235045	0.494368	105.239982	
2010	235	1000	235.416666667		08/23/2010 10:00	47.8974	0.6998	13.39	46.7102	105.2267449	105.242895	0.502089	105.247703	
2010	235	1100	235.458333333		08/23/2010 11:00	47.3174	0.6917	13.34	46.7296	105.2208322	105.236982	0.496273	105.241887	
2010	235	1200	235.500000000		08/23/2010 12:00	47.2974	0.6914	13.33	46.7302	105.2206283	105.236778	0.496073	105.241687	
2010	235	1300	235.541666667		08/23/2010 13:00	45.8374	0.6710	13.32	46.7791	105.2057448	105.221895	0.481434	105.227048	
2010	235	1400	235.583333333		08/23/2010 14:00	45.2174	0.6624	13.3	46.7998	105.1994244	105.215574	0.475218	105.220832	
2010	235	1500	235.625000000		08/23/2010 15:00	44.6774	0.6548	13.28	46.8178	105.1939195	105.210069	0.469804	105.215418	
2010	235	1600	235.666666667		08/23/2010 16:00	44.0674	0.6463	13.29	46.8383	105.187701	105.203851	0.463688	105.209302	
2010	235	1700	235.708333333		08/23/2010 17:00	43.5874	0.6396	13.3	46.8543	105.1828078	105.198958	0.458875	105.204489	
2010	235	1800	235.750000000		08/23/2010 18:00	43.4074	0.6371	13.31	46.8603	105.1809728	105.197123	0.457070	105.202684	
2010	235	1900	235.791666667		08/23/2010 19:00	43.0074	0.6315	13.12	46.8737	105.1768951	105.193045	0.453060	105.198674	
2010	235	2000	235.833333333		08/23/2010 20:00	42.2574	0.6210	13.01	46.8988	105.1692495	105.185399	0.445540	105.191154	
2010	235	2100	235.875000000		08/23/2010 21:00	42.0674	0.6184	12.93	46.9051	105.1673126	105.183462	0.443635	105.189249	
2010	235	2200	235.916666667		08/23/2010 22:00	41.6174	0.6121	12.87	46.9202	105.1627252	105.178875	0.439123	105.184737	
2010	235	2300	235.958333333		08/23/2010 23:00	41.2174	0.6065	12.82	46.9336	105.1586475	105.174797	0.435112	105.180726	
2010	235	2400	236.000000000		08/24/2010 0:00	41.1174	0.6051	12.77	46.9369	105.1576281	105.173778	0.434110	105.179724	
2010	236	100	236.041666667		08/24/2010 1:00	40.6674	0.5988	12.73	46.9520	105.1530407	105.169190	0.429598	105.175212	
2010	236	200	236.083333333		08/24/2010 2:00	40.6074	0.5980	12.7	46.9540	105.152429	105.168579	0.428996	105.174610	
2010	236	300	236.125000000		08/24/2010 3:00	40.2674	0.5932	12.69	46.9653	105.148963	105.165113	0.425587	105.171201	
2010	236	400	236.166666667		08/24/2010 4:00	39.9574	0.5889	12.67	46.9757	105.1458028	105.161953	0.422479	105.168093	
2010	236	500	236.208333333		08/24/2010 5:00	39.7274	0.5857	12.66	46.9834	105.1434581	105.159608	0.420173	105.165787	
2010	236	600	236.250000000		08/24/2010 6:00	39.1074	0.5770	13.07	47.0041	105.1371377	105.153288	0.413957	105.159571	
2010	236	700	236.291666667		08/24/2010 7:00	38.8074	0.5728	13.56	47.0142	105.1340794	105.150229	0.410949	105.156563	
2010	236	800	236.333333333		08/24/2010 8:00	39.8374	0.5872	13.49	46.9797	105.1445795	105.160729	0.421276	105.166890	
2010	236	900	236.375000000		08/24/2010 9:00	39.0374	0.5760	13.41	47.0065	105.1364241	105.152574	0.413255	105.158869	
2010	236	1000	236.416666667		08/24/2010 10:00	38.5774	0.5696	13.35	47.0219	105.1317347	105.147885	0.408643	105.154257	
2010	236	1100	236.458333333		08/24/2010 11:00	38.2974	0.5657	13.32	47.0312	105.1288804	105.145030	0.405835	105.151449	
2010	236	1200	236.500000000		08/24/2010 12:00	37.6754	0.5570	13.29	47.0520	105.1225396	105.138689	0.399599	105.145213	
2010	236	1300	236.541666667		08/24/2010 13:00	37.6564	0.5567	13.27	47.0527	105.1223459	105.138496	0.399408	105.145022	
2010	236	1400	236.583333333		08/24/2010 14:00	36.8914	0.5460	13.23	47.0783	105.1145473	105.130697	0.391738	105.137352	
2010	236	1500	236.625000000		08/24/2010 15:00	36.7134	0.5435	13.21	47.0842	105.1127327	105.128883	0.389953	105.135567	
2010	236	1600	236.666666667		08/24/2010 16:00	36.6744	0.5430	13.2	47.0855	105.1123351	105.128485	0.389562	105.135176	
2010	236	1700	236.708333333		08/24/2010 17:00	36.4154	0.5394	13.2	47.0942	105.1096948	105.125845	0.386966	105.132580	
2010	236	1800	236.750000000		08/24/2010 18:00	36.4314	0.5396	13.21	47.0936	105.1098579	105.126008	0.387126	105.132740	
2010	236	1900	236.791666667		08/24/2010 19:00	36.4284	0.5396	13.01	47.0937	105.1098274	105.125977	0.387096	105.132710	
2010	236	2000	236.833333333		08/24/2010 20:00	36.1064	0.5351	12.9	47.1045	105.1065448	105.122695	0.383867	105.129481	
2010	236	2100	236.875000000		08/24/2010 21:00	36.0474	0.5342	12.84	47.1065	105.1059434	105.122093	0.383276	105.128890	
2010	236	2200	236.916666667		08/24/2010 22:00	36.4114	0.5393	12.79	47.0943	105.1096541	105.125804	0.386926	105.132540	
2010	236	2300	236.958333333		08/24/2010 23:00	36.0174	0.5338	12.75	47.1075	105.1056375	105.121787	0.382975	105.128589	
2010	236	2400	237.000000000		08/25/2010 0:00	36.2364	0.5369	12.72	47.1002	105.1078701	105.124020	0.385171	105.130785	
2010	237	100	237.041666667		08/25/2010 1:00	36.3374	0.5383	12.71	47.0968	105.1088997	105.125050	0.386184	105.131798	
2010	237	200	237.083333333		08/25/2010 2:00	36.3574	0.5386	12.69	47.0961	105.1091036	105.125253	0.386384	105.131998	
2010	237	300	237.125000000		08/25/2010 3:00	36.7244	0.5437	12.67	47.0838	105.1128448	105.128995	0.390064	105.135678	
2010	237	400	237.166666667		08/25/2010 4:00	36.8174	0.5450	12.65	47.0807	105.1137929	105.129943	0.390996	105.136610	
2010	237	500	237.208333333		08/25/2010 5:00	37.2314	0.5508	12.65	47.0669	105.1180133	105.134163	0.395147	105.140761	
2010	237	600	237.250000000		08/25/2010 6:00	37.1354	0.5494	13.27	47.0701	105.1170347	105.133185	0.394185	105.139799	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	237	700	237.291666667		08/25/2010 7:00	37.0694	0.5485	13.51	47.0723	105.1163619	105.132512	0.393523	105.139137	
2010	237	800	237.333333333		08/25/2010 8:00	37.7274	0.5577	13.42	47.0503	105.1230697	105.139219	0.400120	105.145734	
2010	237	900	237.375000000		08/25/2010 9:00	37.3264	0.5521	13.35	47.0637	105.1189818	105.135132	0.396100	105.141714	
2010	237	1000	237.416666667		08/25/2010 10:00	37.4024	0.5532	13.31	47.0612	105.1197565	105.135906	0.396862	105.142476	
2010	237	1100	237.458333333		08/25/2010 11:00	37.5804	0.5557	13.27	47.0552	105.1215711	105.137721	0.398646	105.144260	
2010	237	1200	237.500000000		08/25/2010 12:00	37.9674	0.5611	13.24	47.0423	105.1255163	105.141666	0.402527	105.148141	
2010	237	1300	237.541666667		08/25/2010 13:00	37.6484	0.5566	13.22	47.0529	105.1222643	105.138414	0.399328	105.144942	
2010	237	1400	237.583333333		08/25/2010 14:00	37.3144	0.5519	13.19	47.0641	105.1188594	105.135009	0.395979	105.141593	
2010	237	1500	237.625000000		08/25/2010 15:00	37.1874	0.5502	13.18	47.0684	105.1175648	105.133715	0.394706	105.140320	
2010	237	1600	237.666666667		08/25/2010 16:00	37.4834	0.5543	13.17	47.0585	105.1205823	105.136732	0.397674	105.143288	
2010	237	1700	237.708333333		08/25/2010 17:00	36.7264	0.5437	13.18	47.0838	105.1128652	105.129015	0.390084	105.135698	
2010	237	1800	237.750000000		08/25/2010 18:00	37.2194	0.5506	13.2	47.0673	105.117891	105.134041	0.395027	105.140641	
2010	237	1900	237.791666667		08/25/2010 19:00	36.8214	0.5450	12.99	47.0806	105.1138337	105.129984	0.391036	105.136650	
2010	237	2000	237.833333333		08/25/2010 20:00	36.5394	0.5411	12.89	47.0900	105.1109589	105.127109	0.388209	105.133823	
2010	237	2100	237.875000000		08/25/2010 21:00	36.1224	0.5353	12.83	47.1040	105.1067079	105.122858	0.384028	105.129642	
2010	237	2200	237.916666667		08/25/2010 22:00	35.8804	0.5319	12.78	47.1121	105.1042409	105.120391	0.381602	105.127216	
2010	237	2300	237.958333333		08/25/2010 23:00	35.6774	0.5291	12.75	47.1189	105.1021715	105.118321	0.379566	105.125180	
2010	237	2400	238.000000000		08/26/2010 0:00	35.6574	0.5288	12.73	47.1195	105.1019676	105.118117	0.379366	105.124980	
2010	238	100	238.041666667		08/26/2010 1:00	35.7084	0.5295	12.72	47.1178	105.1024875	105.118637	0.379877	105.125491	
2010	238	200	238.083333333		08/26/2010 2:00	35.9884	0.5334	12.71	47.1085	105.1053419	105.121492	0.382684	105.128298	
2010	238	300	238.125000000		08/26/2010 3:00	35.8584	0.5316	12.7	47.1128	105.1040167	105.120166	0.381381	105.126995	
2010	238	400	238.166666667		08/26/2010 4:00	36.2704	0.5373	12.69	47.0990	105.1082167	105.124367	0.385512	105.131126	
2010	238	500	238.208333333		08/26/2010 5:00	36.0064	0.5337	12.68	47.1079	105.1055254	105.121675	0.382865	105.128479	
2010	238	600	238.250000000		08/26/2010 6:00	35.7794	0.5305	13.18	47.1154	105.1032113	105.119361	0.380589	105.126203	
2010	238	700	238.291666667		08/26/2010 7:00	36.3204	0.5380	13.46	47.0974	105.1087264	105.124876	0.386013	105.131627	
2010	238	800	238.333333333		08/26/2010 8:00	35.1714	0.5220	13.41	47.1358	105.0970132	105.113163	0.374493	105.120107	
2010	238	900	238.375000000		08/26/2010 9:00	35.5654	0.5275	13.32	47.1226	105.1010297	105.117180	0.378443	105.124057	
2010	238	1000	238.416666667		08/26/2010 10:00	35.9474	0.5328	13.27	47.1098	105.1049239	105.121074	0.382273	105.127887	
2010	238	1100	238.458333333		08/26/2010 11:00	36.7104	0.5435	13.22	47.0843	105.1127021	105.128852	0.389923	105.135537	
2010	238	1200	238.500000000		08/26/2010 12:00	34.2184	0.5087	13.19	47.1677	105.0872981	105.103448	0.364938	105.110552	
2010	238	1300	238.541666667		08/26/2010 13:00	36.0644	0.5345	13.18	47.1059	105.1061167	105.122266	0.383446	105.129060	
2010	238	1400	238.583333333		08/26/2010 14:00	36.2444	0.5370	13.16	47.0999	105.1079516	105.124101	0.385251	105.130865	
2010	238	1500	238.625000000		08/26/2010 15:00	35.1064	0.5211	13.18	47.1380	105.0963506	105.112500	0.373841	105.119455	
2010	238	1600	238.666666667		08/26/2010 16:00	35.6134	0.5282	13.21	47.1210	105.1015191	105.117669	0.378924	105.124538	
2010	238	1700	238.708333333		08/26/2010 17:00	35.6754	0.5290	13.26	47.1189	105.1021511	105.118301	0.379546	105.125160	
2010	238	1800	238.750000000		08/26/2010 18:00	35.5544	0.5273	13.31	47.1230	105.1009176	105.117067	0.378333	105.123947	
2010	238	1900	238.791666667		08/26/2010 19:00	35.2574	0.5232	13.11	47.1329	105.0978899	105.114040	0.375355	105.120969	
2010	238	2000	238.833333333		08/26/2010 20:00	35.6014	0.5280	12.99	47.1214	105.1013967	105.117547	0.378804	105.124418	
2010	238	2100	238.875000000		08/26/2010 21:00	35.2914	0.5237	12.91	47.1318	105.0982365	105.114386	0.375696	105.121310	
2010	238	2200	238.916666667		08/26/2010 22:00	35.7644	0.5303	12.85	47.1160	105.1030584	105.119208	0.380438	105.126052	
2010	238	2300	238.958333333		08/26/2010 23:00	35.8474	0.5314	12.8	47.1132	105.1039045	105.120054	0.381271	105.126885	
2010	238	2400	239.000000000		08/27/2010 0:00	36.3804	0.5389	12.75	47.0953	105.109338	105.125488	0.386615	105.132229	
2010	239	100	239.041666667		08/27/2010 1:00	36.5324	0.5410	12.71	47.0903	105.1108876	105.127037	0.388139	105.133753	
2010	239	200	239.083333333		08/27/2010 2:00	36.8894	0.5460	12.7	47.0783	105.1145269	105.130677	0.391718	105.137332	
2010	239	300	239.125000000		08/27/2010 3:00	37.0684	0.5485	12.69	47.0723	105.1163517	105.132501	0.393513	105.139127	
2010	239	400	239.166666667		08/27/2010 4:00	37.6914	0.5572	12.68	47.0515	105.1227027	105.138852	0.399759	105.145373	
2010	239	500	239.208333333		08/27/2010 5:00	37.9974	0.5615	12.67	47.0413	105.1258221	105.141972	0.402827	105.148441	
2010	239	600	239.250000000		08/27/2010 6:00	38.6374	0.5704	13.59	47.0199	105.1323464	105.148496	0.409244	105.154858	
2010	239	700	239.291666667		08/27/2010 7:00	39.0574	0.5763	13.56	47.0058	105.136628	105.152778	0.413455	105.159069	
2010	239	800	239.333333333		08/27/2010 8:00	39.2074	0.5784	13.5	47.0008	105.1381571	105.154307	0.414959	105.160573	
2010	239	900	239.375000000		08/27/2010 9:00	39.6374	0.5844	13.43	46.9864	105.1425406	105.158690	0.419271	105.164885	
2010	239	1000	239.416666667		08/27/2010 10:00	40.5474	0.5971	13.39	46.9560	105.1518173	105.167967	0.428395	105.174009	
2010	239	1100	239.458333333		08/27/2010 11:00	40.1674	0.5918	13.36	46.9687	105.1479435	105.164093	0.424585	105.170199	
2010	239	1200	239.500000000		08/27/2010 12:00	39.7074	0.5854	13.35	46.9841	105.1432542	105.159404	0.419973	105.165587	
2010	239	1300	239.541666667		08/27/2010 13:00	41.0774	0.6045	13.35	46.9383	105.1572203	105.173370	0.433709	105.179323	
2010	239	1400	239.583333333		08/27/2010 14:00	40.2974	0.5936	13.32	46.9643	105.1492688	105.165419	0.425888	105.171502	
2010	239	1500	239.625000000		08/27/2010 15:00	40.7274	0.5996	13.31	46.9500	105.1536523	105.169802	0.430199	105.175813	
2010	239	1600	239.666666667		08/27/2010 16:00	40.3274	0.5940	13.31	46.9633	105.1495746	105.165724	0.426189	105.171803	
2010	239	1700	239.708333333		08/27/2010 17:00	40.2674	0.5932	13.32	46.9653	105.148963	105.165113	0.425587	105.171201	
2010	239	1800	239.750000000		08/27/2010 18:00	40.4074	0.5952	13.35	46.9607	105.1503902	105.166540	0.426991	105.172605	
2010	239	1900	239.791666667		08/27/2010 19:00	40.0774	0.5905	13.15	46.9717	105.1470261	105.163176	0.423682	105.169296	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	2000	239.833333333		08/27/2010 20:00	40.3574	0.5945	13.05	46.9623	105.1498804	105.166030	0.426490	105.172104	
2010	239	2100	239.875000000		08/27/2010 21:00	40.1774	0.5919	12.97	46.9684	105.1480455	105.164195	0.424685	105.170299	
2010	239	2200	239.916666667		08/27/2010 22:00	40.2974	0.5936	12.89	46.9643	105.1492688	105.165419	0.425888	105.171502	
2010	239	2300	239.958333333		08/27/2010 23:00	40.5274	0.5968	12.84	46.9566	105.1516135	105.167763	0.428194	105.173808	
2010	239	2400	240.000000000		08/28/2010 0:00	40.6474	0.5985	12.8	46.9526	105.1528368	105.168987	0.429397	105.175011	
2010	240	100	240.041666667		08/28/2010 1:00	40.7874	0.6005	12.76	46.9480	105.154264	105.170414	0.430801	105.176415	
2010	240	200	240.083333333		08/28/2010 2:00	41.0874	0.6047	12.74	46.9379	105.1573222	105.173472	0.433809	105.179423	
2010	240	300	240.125000000		08/28/2010 3:00	41.1874	0.6061	12.72	46.9346	105.1583416	105.174491	0.434812	105.180426	
2010	240	400	240.166666667		08/28/2010 4:00	41.3774	0.6087	12.7	46.9282	105.1602786	105.176428	0.436717	105.182331	
2010	240	500	240.208333333		08/28/2010 5:00	41.6474	0.6125	12.69	46.9192	105.163031	105.179181	0.439424	105.185038	
2010	240	600	240.250000000		08/28/2010 6:00	41.7474	0.6139	12.9	46.9158	105.1640504	105.180200	0.440426	105.186040	
2010	240	700	240.291666667		08/28/2010 7:00	41.9374	0.6165	13.52	46.9095	105.1659873	105.182137	0.442331	105.187945	
2010	240	800	240.333333333		08/28/2010 8:00	42.1374	0.6193	13.49	46.9028	105.1680262	105.184176	0.444337	105.189951	
2010	240	900	240.375000000		08/28/2010 9:00	41.0674	0.6044	13.42	46.9386	105.1571183	105.173268	0.433608	105.179222	
2010	240	1000	240.416666667		08/28/2010 10:00	42.4074	0.6231	13.41	46.8938	105.1707786	105.186928	0.447044	105.192658	
2010	240	1100	240.458333333		08/28/2010 11:00	43.9874	0.6452	13.36	46.8409	105.1868855	105.203035	0.462885	105.208499	
2010	240	1200	240.500000000		08/28/2010 12:00	43.2174	0.6344	13.34	46.8667	105.1790359	105.195186	0.455165	105.200779	
2010	240	1300	240.541666667		08/28/2010 13:00	42.9574	0.6308	13.32	46.8754	105.1763854	105.192535	0.452558	105.198172	
2010	240	1400	240.583333333		08/28/2010 14:00	41.8474	0.6153	13.29	46.9125	105.1650698	105.181220	0.441429	105.187043	
2010	240	1500	240.625000000		08/28/2010 15:00	42.2474	0.6209	13.29	46.8991	105.1691475	105.185297	0.445440	105.191054	
2010	240	1600	240.666666667		08/28/2010 16:00	41.5974	0.6118	13.3	46.9209	105.1625213	105.178671	0.438922	105.184536	
2010	240	1700	240.708333333		08/28/2010 17:00	41.9974	0.6174	13.32	46.9075	105.166599	105.182749	0.442933	105.188547	
2010	240	1800	240.750000000		08/28/2010 18:00	41.6974	0.6132	13.33	46.9175	105.1635407	105.179691	0.439925	105.185539	
2010	240	1900	240.791666667		08/28/2010 19:00	41.4274	0.6094	13.14	46.9265	105.1607883	105.176938	0.437218	105.182832	
2010	240	2000	240.833333333		08/28/2010 20:00	41.2874	0.6075	13.02	46.9312	105.1593611	105.175511	0.435814	105.181428	
2010	240	2100	240.875000000		08/28/2010 21:00	40.8074	0.6008	12.95	46.9473	105.1544678	105.170618	0.431002	105.176616	
2010	240	2200	240.916666667		08/28/2010 22:00	40.6474	0.5985	12.89	46.9526	105.1528368	105.168987	0.429397	105.175011	
2010	240	2300	240.958333333		08/28/2010 23:00	40.3974	0.5950	12.83	46.9610	105.1502882	105.166438	0.426891	105.172505	
2010	240	2400	241.000000000		08/29/2010 0:00	40.3174	0.5939	12.78	46.9637	105.1494727	105.165623	0.426089	105.171703	
2010	241	100	241.041666667		08/29/2010 1:00	40.1874	0.5921	12.75	46.9680	105.1481474	105.164297	0.424785	105.170399	
2010	241	200	241.083333333		08/29/2010 2:00	40.2374	0.5928	12.72	46.9663	105.1486571	105.164807	0.425287	105.170901	
2010	241	300	241.125000000		08/29/2010 3:00	39.7674	0.5862	12.71	46.9821	105.1438659	105.160016	0.420574	105.166188	
2010	241	400	241.166666667		08/29/2010 4:00	39.9874	0.5893	12.69	46.9747	105.1461086	105.162258	0.422780	105.168394	
2010	241	500	241.208333333		08/29/2010 5:00	39.6074	0.5840	12.66	46.9874	105.1422348	105.158385	0.418970	105.164584	
2010	241	600	241.250000000		08/29/2010 6:00	39.1674	0.5778	12.98	47.0021	105.1377493	105.153899	0.414558	105.160172	
2010	241	700	241.291666667		08/29/2010 7:00	39.1374	0.5774	13.54	47.0031	105.1374435	105.153593	0.414257	105.159871	
2010	241	800	241.333333333		08/29/2010 8:00	38.5174	0.5687	13.48	47.0239	105.1311231	105.147273	0.408041	105.153655	
2010	241	900	241.375000000		08/29/2010 9:00	38.3074	0.5658	13.42	47.0309	105.1289823	105.145132	0.405936	105.151550	
2010	241	1000	241.416666667		08/29/2010 10:00	37.9774	0.5612	13.37	47.0419	105.1256182	105.141768	0.402627	105.148241	
2010	241	1100	241.458333333		08/29/2010 11:00	37.7674	0.5583	13.33	47.0490	105.1234774	105.139627	0.400521	105.146135	
2010	241	1200	241.500000000		08/29/2010 12:00	37.5334	0.5550	13.33	47.0568	105.121092	105.137242	0.398175	105.143789	
2010	241	1300	241.541666667		08/29/2010 13:00	37.8674	0.5597	13.31	47.0456	105.1244968	105.140647	0.401524	105.147138	
2010	241	1400	241.583333333		08/29/2010 14:00	38.0074	0.5616	13.29	47.0409	105.125924	105.142074	0.402928	105.148542	
2010	241	1500	241.625000000		08/29/2010 15:00	37.4274	0.5535	13.29	47.0603	105.1200114	105.136161	0.397112	105.142726	
2010	241	1600	241.666666667		08/29/2010 16:00	36.9424	0.5467	13.29	47.0766	105.1150672	105.131217	0.392250	105.137864	
2010	241	1700	241.708333333		08/29/2010 17:00	36.9224	0.5465	13.31	47.0772	105.1148633	105.131013	0.392049	105.137663	
2010	241	1800	241.750000000		08/29/2010 18:00	36.5944	0.5419	13.34	47.0882	105.1115196	105.127669	0.388760	105.134374	
2010	241	1900	241.791666667		08/29/2010 19:00	36.3294	0.5382	13.14	47.0971	105.1088181	105.124968	0.386103	105.131717	
2010	241	2000	241.833333333		08/29/2010 20:00	35.9704	0.5332	13.03	47.1091	105.1051584	105.121308	0.382504	105.128118	
2010	241	2100	241.875000000		08/29/2010 21:00	35.5514	0.5273	12.95	47.1231	105.100887	105.117037	0.378303	105.123917	
2010	241	2200	241.916666667		08/29/2010 22:00	35.0834	0.5208	12.88	47.1387	105.0961161	105.112266	0.373610	105.119224	
2010	241	2300	241.958333333		08/29/2010 23:00	34.9624	0.5191	12.83	47.1428	105.0948826	105.111032	0.372397	105.118011	
2010	241	2400	242.000000000		08/30/2010 0:00	34.5464	0.5133	12.78	47.1567	105.0906418	105.106792	0.368226	105.113840	
2010	242	100	242.041666667		08/30/2010 1:00	34.2264	0.5088	12.74	47.1674	105.0873797	105.103530	0.365018	105.110632	
2010	242	200	242.083333333		08/30/2010 2:00	33.9414	0.5048	12.71	47.1769	105.0844743	105.100624	0.362160	105.107774	
2010	242	300	242.125000000		08/30/2010 3:00	33.4824	0.4984	12.69	47.1923	105.0797952	105.095945	0.357558	105.103172	
2010	242	400	242.166666667		08/30/2010 4:00	33.1154	0.4933	12.67	47.2045	105.0760539	105.092204	0.353879	105.099493	
2010	242	500	242.208333333		08/30/2010 5:00	32.5564	0.4854	12.65	47.2232	105.0703553	105.086505	0.348274	105.093888	
2010	242	600	242.250000000		08/30/2010 6:00	32.3564	0.4826	12.8	47.2299	105.0683165	105.084466	0.346269	105.091883	
2010	242	700	242.291666667		08/30/2010 7:00	31.8724	0.4759	13.56	47.2461	105.0633825	105.079532	0.341416	105.087030	
2010	242	800	242.333333333		08/30/2010 8:00	31.6364	0.4726	13.53	47.2540	105.0609767	105.077126	0.339049	105.084664	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	242	900	242.375000000		08/30/2010 9:00	30.3234	0.4542	13.48	47.2979	105.0475917	105.063741	0.325885	105.071499	
2010	242	1000	242.416666667		08/30/2010 10:00	30.6784	0.4592	13.43	47.2861	105.0512106	105.067360	0.329444	105.075058	
2010	242	1100	242.458333333		08/30/2010 11:00	30.1834	0.4523	13.38	47.3026	105.0461645	105.062314	0.324481	105.070095	
2010	242	1200	242.500000000		08/30/2010 12:00	29.4924	0.4426	13.36	47.3257	105.0391203	105.055270	0.317553	105.063167	
2010	242	1300	242.541666667		08/30/2010 13:00	30.3474	0.4546	13.35	47.2971	105.0478363	105.063986	0.326125	105.071739	
2010	242	1400	242.583333333		08/30/2010 14:00	29.8864	0.4481	13.32	47.3125	105.0431368	105.059287	0.321503	105.067117	
2010	242	1500	242.625000000		08/30/2010 15:00	28.4544	0.4281	13.31	47.3604	105.0285387	105.044688	0.307146	105.052760	
2010	242	1600	242.666666667		08/30/2010 16:00	27.9474	0.4210	13.3	47.3774	105.0233702	105.039520	0.302062	105.047676	
2010	242	1700	242.708333333		08/30/2010 17:00	28.7854	0.4327	13.32	47.3494	105.0319129	105.048063	0.310464	105.056078	
2010	242	1800	242.750000000		08/30/2010 18:00	27.9794	0.4215	13.35	47.3763	105.0236964	105.039846	0.302383	105.047997	
2010	242	1900	242.791666667		08/30/2010 19:00	27.5444	0.4154	13.12	47.3909	105.0192619	105.035412	0.298021	105.043636	
2010	242	2000	242.833333333		08/30/2010 20:00	27.1664	0.4101	13.02	47.4035	105.0154085	105.031558	0.294232	105.039846	
2010	242	2100	242.875000000		08/30/2010 21:00	26.8094	0.4051	12.95	47.4155	105.0117692	105.027919	0.290652	105.036266	
2010	242	2200	242.916666667		08/30/2010 22:00	26.6354	0.4027	12.88	47.4213	105.0099954	105.026145	0.288908	105.034522	
2010	242	2300	242.958333333		08/30/2010 23:00	26.5154	0.4010	12.82	47.4253	105.0087721	105.024922	0.287704	105.033318	
2010	242	2400	243.000000000		08/31/2010 0:00	26.3594	0.3988	12.78	47.4305	105.0071818	105.023332	0.286140	105.031754	
2010	243	100	243.041666667		08/31/2010 1:00	26.1694	0.3962	12.74	47.4369	105.0052449	105.021395	0.284235	105.029849	
2010	243	200	243.083333333		08/31/2010 2:00	26.1574	0.3960	12.71	47.4373	105.0051225	105.021272	0.284115	105.029729	
2010	243	300	243.125000000		08/31/2010 3:00	26.1344	0.3957	12.69	47.4380	105.0048881	105.021038	0.283884	105.029498	
2010	243	400	243.166666667		08/31/2010 4:00	26.0564	0.3946	12.67	47.4406	105.0040929	105.020243	0.283102	105.028716	
2010	243	500	243.208333333		08/31/2010 5:00	25.9114	0.3926	12.65	47.4455	105.0026148	105.018765	0.281648	105.027262	
2010	243	600	243.250000000		08/31/2010 6:00	25.5934	0.3881	13.37	47.4561	104.999373	105.015523	0.278460	105.024074	
2010	243	700	243.291666667		08/31/2010 7:00	25.1554	0.3820	13.56	47.4708	104.9949079	105.011058	0.274068	105.019682	
2010	243	800	243.333333333		08/31/2010 8:00	25.5224	0.3871	13.52	47.4585	104.9986492	105.014799	0.277748	105.023362	
2010	243	900	243.375000000		08/31/2010 9:00	25.4184	0.3857	13.46	47.4620	104.997589	105.013739	0.276705	105.022319	
2010	243	1000	243.416666667		08/31/2010 10:00	25.4164	0.3857	13.42	47.4620	104.9975686	105.013718	0.276685	105.022299	
2010	243	1100	243.458333333		08/31/2010 11:00	24.4704	0.3724	13.4	47.4937	104.9879249	105.004075	0.267200	105.012814	
2010	243	1200	243.500000000		08/31/2010 12:00	24.9684	0.3794	13.39	47.4770	104.9930016	105.009151	0.272194	105.017808	
2010	243	1300	243.541666667		08/31/2010 13:00	24.6264	0.3746	13.39	47.4885	104.9895152	105.005665	0.268764	105.014378	
2010	243	1400	243.583333333		08/31/2010 14:00	24.1174	0.3675	13.39	47.5055	104.9843263	105.000476	0.263661	105.009275	
2010	243	1500	243.625000000		08/31/2010 15:00	24.4954	0.3728	13.38	47.4928	104.9881797	105.004330	0.267451	105.013065	
2010	243	1600	243.666666667		08/31/2010 16:00	24.4154	0.3717	13.44	47.4955	104.9873642	105.003514	0.266649	105.012263	
2010	243	1700	243.708333333		08/31/2010 17:00	24.0794	0.3670	13.49	47.5068	104.9839389	105.000089	0.263280	105.008894	
2010	243	1800	243.750000000		08/31/2010 18:00	23.8644	0.3640	13.28	47.5140	104.9817472	104.997897	0.261124	105.006738	
2010	243	1900	243.791666667		08/31/2010 19:00	23.4494	0.3582	13.16	47.5278	104.9775166	104.993666	0.256963	105.002577	
2010	243	2000	243.833333333		08/31/2010 20:00	23.1904	0.3545	13.07	47.5365	104.9748763	104.991026	0.254367	104.999981	
2010	243	2100	243.875000000		08/31/2010 21:00	22.9804	0.3516	13	47.5435	104.9727355	104.988885	0.252261	104.997875	
2010	243	2200	243.916666667		08/31/2010 22:00	22.7794	0.3488	12.94	47.5502	104.9706865	104.986836	0.250246	104.995860	
2010	243	2300	243.958333333		08/31/2010 23:00	22.7954	0.3490	12.88	47.5497	104.9708496	104.986999	0.250406	104.996020	
2010	243	2400	244.000000000		09/01/2010 0:00	22.7054	0.3478	12.83	47.5527	104.9699321	104.986082	0.249504	104.995118	
2010	244	100	244.041666667		09/01/2010 1:00	22.7064	0.3478	12.78	47.5527	104.9699423	104.986092	0.249514	104.995128	
2010	244	200	244.083333333		09/01/2010 2:00	22.6224	0.3466	12.74	47.5555	104.969086	104.985236	0.248672	104.994286	
2010	244	300	244.125000000		09/01/2010 3:00	22.6934	0.3476	12.72	47.5531	104.9698098	104.985960	0.249383	104.994997	
2010	244	400	244.166666667		09/01/2010 4:00	22.7764	0.3488	12.7	47.5503	104.9706559	104.986806	0.250216	104.995830	
2010	244	500	244.208333333		09/01/2010 5:00	22.7174	0.3479	12.68	47.5523	104.9700544	104.986204	0.249624	104.995238	
2010	244	600	244.250000000		09/01/2010 6:00	22.7294	0.3481	12.78	47.5519	104.9701767	104.986327	0.249744	104.995358	
2010	244	700	244.291666667		09/01/2010 7:00	22.6364	0.3468	13.49	47.5550	104.9692287	104.985379	0.248812	104.994426	
2010	244	800	244.333333333		09/01/2010 8:00	22.9584	0.3513	13.47	47.5443	104.9725112	104.988661	0.252040	104.997654	
2010	244	900	244.375000000		09/01/2010 9:00	23.5494	0.3596	13.42	47.5245	104.978536	104.994686	0.257966	105.003580	
2010	244	1000	244.416666667		09/01/2010 10:00	22.1484	0.3400	13.36	47.5713	104.9642539	104.980404	0.243919	104.989533	
2010	244	1100	244.458333333		09/01/2010 11:00	22.3534	0.3429	13.33	47.5645	104.9663437	104.982494	0.245974	104.991588	
2010	244	1200	244.500000000		09/01/2010 12:00	21.2004	0.3267	13.31	47.6031	104.9545898	104.970740	0.234414	104.980028	
2010	244	1300	244.541666667		09/01/2010 13:00	22.9024	0.3505	13.3	47.5461	104.9719403	104.988090	0.251479	104.997093	
2010	244	1400	244.583333333		09/01/2010 14:00	22.8194	0.3494	13.29	47.5489	104.9710942	104.987244	0.250647	104.996261	
2010	244	1500	244.625000000		09/01/2010 15:00	22.8774	0.3502	13.29	47.5470	104.9716855	104.987835	0.251228	104.996842	
2010	244	1600	244.666666667		09/01/2010 16:00	22.2734	0.3417	13.27	47.5672	104.9655282	104.981678	0.245172	104.990786	
2010	244	1700	244.708333333		09/01/2010 17:00	22.2874	0.3419	13.27	47.5667	104.9656709	104.981821	0.245313	104.990927	
2010	244	1800	244.750000000		09/01/2010 18:00	22.5644	0.3458	13.29	47.5574	104.9684947	104.984645	0.248090	104.993704	
2010	244	1900	244.791666667		09/01/2010 19:00	22.5134	0.3451	13.07	47.5591	104.9679748	104.984125	0.247579	104.993193	
2010	244	2000	244.833333333		09/01/2010 20:00	22.3674	0.3430	12.97	47.5640	104.9664864	104.982636	0.246115	104.991729	
2010	244	2100	244.875000000		09/01/2010 21:00	22.8384	0.3496	12.9	47.5483	104.9712879	104.987438	0.250837	104.996451	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	2200	244.916666667		09/01/2010 22:00	22.7214	0.3480	12.83	47.5522	104.9700952	104.986245	0.249664	104.995278	
2010	244	2300	244.958333333		09/01/2010 23:00	22.9564	0.3513	12.78	47.5443	104.9724908	104.988641	0.252020	104.997634	
2010	244	2400	245.000000000		09/02/2010 0:00	23.0244	0.3522	12.75	47.5420	104.973184	104.989334	0.252702	104.998316	
2010	245	100	245.041666667		09/02/2010 1:00	23.1914	0.3546	12.71	47.5365	104.9748865	104.991036	0.254377	104.999991	
2010	245	200	245.083333333		09/02/2010 2:00	23.5444	0.3595	12.67	47.5247	104.978485	104.994635	0.257916	105.003530	
2010	245	300	245.125000000		09/02/2010 3:00	23.6514	0.3610	12.65	47.5211	104.9795758	104.995726	0.258989	105.004603	
2010	245	400	245.166666667		09/02/2010 4:00	23.7694	0.3626	12.63	47.5171	104.9807787	104.996929	0.260172	105.005786	
2010	245	500	245.208333333		09/02/2010 5:00	23.8754	0.3641	12.62	47.5136	104.9818593	104.998009	0.261235	105.006849	
2010	245	600	245.250000000		09/02/2010 6:00	23.7934	0.3630	12.97	47.5163	104.9810234	104.997173	0.260412	105.006027	
2010	245	700	245.291666667		09/02/2010 7:00	23.4554	0.3583	13.58	47.5276	104.9775778	104.993728	0.257024	105.002638	
2010	245	800	245.333333333		09/02/2010 8:00	23.6794	0.3614	13.51	47.5201	104.9798613	104.996011	0.259269	105.004883	
2010	245	900	245.375000000		09/02/2010 9:00	23.8474	0.3637	13.46	47.5145	104.9815739	104.997724	0.260954	105.006568	
2010	245	1000	245.416666667		09/02/2010 10:00	23.0304	0.3523	13.41	47.5418	104.9732452	104.989395	0.252762	104.998376	
2010	245	1100	245.458333333		09/02/2010 11:00	23.3374	0.3566	13.36	47.5316	104.9763748	104.992525	0.255840	105.001454	
2010	245	1200	245.500000000		09/02/2010 12:00	24.0914	0.3671	13.34	47.5064	104.9840613	105.000211	0.263400	105.009014	
2010	245	1300	245.541666667		09/02/2010 13:00	23.5904	0.3601	13.31	47.5231	104.978954	104.995104	0.258377	105.003991	
2010	245	1400	245.583333333		09/02/2010 14:00	23.3314	0.3565	13.27	47.5318	104.9763137	104.992463	0.255780	105.001394	
2010	245	1500	245.625000000		09/02/2010 15:00	23.4824	0.3586	13.25	47.5267	104.977853	104.994003	0.257294	105.002908	
2010	245	1600	245.666666667		09/02/2010 16:00	23.3044	0.3561	13.25	47.5327	104.9760384	104.992188	0.255510	105.001124	
2010	245	1700	245.708333333		09/02/2010 17:00	23.6124	0.3604	13.25	47.5224	104.9791782	104.995328	0.258598	105.004212	
2010	245	1800	245.750000000		09/02/2010 18:00	24.0464	0.3665	13.23	47.5079	104.9836025	104.999752	0.262949	105.008563	
2010	245	1900	245.791666667		09/02/2010 19:00	23.5364	0.3594	13.03	47.5249	104.9784035	104.994553	0.257836	105.003450	
2010	245	2000	245.833333333		09/02/2010 20:00	23.5614	0.3597	12.95	47.5241	104.9786583	104.994808	0.258086	105.003700	
2010	245	2100	245.875000000		09/02/2010 21:00	23.3814	0.3572	12.87	47.5301	104.9768234	104.992973	0.256282	105.001896	
2010	245	2200	245.916666667		09/02/2010 22:00	23.2304	0.3551	12.82	47.5352	104.9752841	104.991434	0.254768	105.000382	
2010	245	2300	245.958333333		09/02/2010 23:00	23.7124	0.3618	12.77	47.5190	104.9801977	104.996347	0.259600	105.005214	
2010	245	2400	246.000000000		09/03/2010 0:00	23.4414	0.3581	12.74	47.5281	104.977435	104.993585	0.256883	105.002497	
2010	246	100	246.041666667		09/03/2010 1:00	23.5934	0.3602	12.71	47.5230	104.9789846	104.995134	0.258407	105.004021	
2010	246	200	246.083333333		09/03/2010 2:00	23.6524	0.3610	12.69	47.5210	104.979586	104.995736	0.258999	105.004613	
2010	246	300	246.125000000		09/03/2010 3:00	23.1664	0.3542	12.67	47.5373	104.9746316	104.990781	0.254126	104.999740	
2010	246	400	246.166666667		09/03/2010 4:00	23.5344	0.3594	12.66	47.5250	104.9783831	104.994533	0.257816	105.003430	
2010	246	500	246.208333333		09/03/2010 5:00	23.6174	0.3605	12.64	47.5222	104.9792292	104.995379	0.258648	105.004262	
2010	246	600	246.250000000		09/03/2010 6:00	22.9994	0.3519	12.86	47.5429	104.9729292	104.989079	0.252452	104.998066	
2010	246	700	246.291666667		09/03/2010 7:00	22.8794	0.3502	13.51	47.5469	104.9717059	104.987856	0.251248	104.996862	
2010	246	800	246.333333333		09/03/2010 8:00	22.7864	0.3489	13.44	47.5500	104.9707578	104.986908	0.250316	104.995930	
2010	246	900	246.375000000		09/03/2010 9:00	23.7104	0.3618	13.39	47.5191	104.9801773	104.996327	0.259580	105.005194	
2010	246	1000	246.416666667		09/03/2010 10:00	22.3094	0.3422	13.34	47.5660	104.9658952	104.982045	0.245533	104.991147	
2010	246	1100	246.458333333		09/03/2010 11:00	22.7754	0.3487	13.3	47.5504	104.9706457	104.986796	0.250206	104.995820	
2010	246	1200	246.500000000		09/03/2010 12:00	21.7434	0.3343	13.28	47.5849	104.9601252	104.976275	0.239858	104.985472	
2010	246	1300	246.541666667		09/03/2010 13:00	22.6664	0.3472	13.27	47.5540	104.9695345	104.985684	0.249113	104.994727	
2010	246	1400	246.583333333		09/03/2010 14:00	23.3064	0.3562	13.23	47.5326	104.9760588	104.992209	0.255530	105.001144	
2010	246	1500	246.625000000		09/03/2010 15:00	22.8884	0.3503	13.24	47.5466	104.9717976	104.987947	0.251339	104.996953	
2010	246	1600	246.666666667		09/03/2010 16:00	22.9914	0.3518	13.26	47.5432	104.9728476	104.988997	0.252371	104.997985	
2010	246	1700	246.708333333		09/03/2010 17:00	23.1144	0.3535	13.28	47.5390	104.9741015	104.990251	0.253605	104.999219	
2010	246	1800	246.750000000		09/03/2010 18:00	22.6994	0.3477	13.3	47.5529	104.9698709	104.986021	0.249444	104.995058	
2010	246	1900	246.791666667		09/03/2010 19:00	22.6964	0.3476	13.09	47.5530	104.9698403	104.985990	0.249414	104.995028	
2010	246	2000	246.833333333		09/03/2010 20:00	22.8624	0.3500	12.97	47.5475	104.9715326	104.987682	0.251078	104.996692	
2010	246	2100	246.875000000		09/03/2010 21:00	22.4264	0.3439	12.9	47.5620	104.9670879	104.983238	0.246706	104.992320	
2010	246	2200	246.916666667		09/03/2010 22:00	22.8284	0.3495	12.84	47.5486	104.971186	104.987336	0.250737	104.996351	
2010	246	2300	246.958333333		09/03/2010 23:00	22.5314	0.3453	12.79	47.5585	104.9681583	104.984308	0.247759	104.993373	
2010	246	2400	247.000000000		09/04/2010 0:00	22.4884	0.3447	12.75	47.5600	104.9677199	104.983870	0.247328	104.992942	
2010	247	100	247.041666667		09/04/2010 1:00	22.4954	0.3448	12.73	47.5597	104.9677913	104.983941	0.247398	104.993012	
2010	247	200	247.083333333		09/04/2010 2:00	22.6254	0.3467	12.71	47.5554	104.9691166	104.985266	0.248702	104.994316	
2010	247	300	247.125000000		09/04/2010 3:00	22.5294	0.3453	12.7	47.5586	104.9681379	104.984288	0.247739	104.993353	
2010	247	400	247.166666667		09/04/2010 4:00	22.5424	0.3455	12.67	47.5582	104.9682704	104.984420	0.247869	104.993483	
2010	247	500	247.208333333		09/04/2010 5:00	22.6704	0.3473	12.67	47.5539	104.9695753	104.985725	0.249153	104.994767	
2010	247	600	247.250000000		09/04/2010 6:00	21.8704	0.3361	12.82	47.5806	104.9614199	104.977570	0.241132	104.986746	
2010	247	700	247.291666667		09/04/2010 7:00	22.2924	0.3420	13.46	47.5665	104.9657219	104.981872	0.245363	104.990977	
2010	247	800	247.333333333		09/04/2010 8:00	22.2964	0.3421	13.38	47.5664	104.9657627	104.981912	0.245403	104.991017	
2010	247	900	247.375000000		09/04/2010 9:00	22.9264	0.3509	13.33	47.5453	104.972185	104.988335	0.251720	104.997334	
2010	247	1000	247.416666667		09/04/2010 10:00	22.7824	0.3488	13.29	47.5501	104.970717	104.986867	0.250276	104.995890	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	247	1100	247.458333333		09/04/2010 11:00	22.4554	0.3443	13.26	47.5611	104.9673835	104.983533	0.246997	104.992611	
2010	247	1200	247.500000000		09/04/2010 12:00	21.6864	0.3335	13.25	47.5868	104.9595442	104.975694	0.239287	104.984901	
2010	247	1300	247.541666667		09/04/2010 13:00	22.6184	0.3466	13.25	47.5556	104.9690452	104.985195	0.248631	104.994245	
2010	247	1400	247.583333333		09/04/2010 14:00	21.7804	0.3348	13.25	47.5837	104.9605024	104.976652	0.240229	104.985843	
2010	247	1500	247.625000000		09/04/2010 15:00	22.3074	0.3422	13.23	47.5660	104.9658748	104.982025	0.245513	104.991127	
2010	247	1600	247.666666667		09/04/2010 16:00	22.2284	0.3411	13.25	47.5687	104.9650694	104.981219	0.244721	104.990335	
2010	247	1700	247.708333333		09/04/2010 17:00	22.1674	0.3403	13.28	47.5707	104.9644476	104.980597	0.244110	104.989724	
2010	247	1800	247.750000000		09/04/2010 18:00	22.3394	0.3427	13.29	47.5650	104.966201	104.982351	0.245834	104.991448	
2010	247	1900	247.791666667		09/04/2010 19:00	22.0954	0.3392	13.08	47.5731	104.9637136	104.979863	0.243388	104.989002	
2010	247	2000	247.833333333		09/04/2010 20:00	21.9764	0.3376	12.98	47.5771	104.9625005	104.978650	0.242195	104.987809	
2010	247	2100	247.875000000		09/04/2010 21:00	22.0104	0.3381	12.91	47.5760	104.9628471	104.978997	0.242535	104.988149	
2010	247	2200	247.916666667		09/04/2010 22:00	21.7984	0.3351	12.85	47.5831	104.9606859	104.976836	0.240410	104.986024	
2010	247	2300	247.958333333		09/04/2010 23:00	21.7484	0.3344	12.79	47.5847	104.9601762	104.976326	0.239909	104.985523	
2010	247	2400	248.000000000		09/05/2010 0:00	21.4354	0.3300	12.74	47.5952	104.9569854	104.973135	0.236770	104.982384	
2010	248	100	248.041666667		09/05/2010 1:00	21.3814	0.3293	12.71	47.5970	104.9564349	104.972585	0.236229	104.981843	
2010	248	200	248.083333333		09/05/2010 2:00	21.2624	0.3276	12.69	47.6010	104.9552218	104.971372	0.235036	104.980650	
2010	248	300	248.125000000		09/05/2010 3:00	21.2024	0.3268	12.68	47.6030	104.9546102	104.970760	0.234434	104.980048	
2010	248	400	248.166666667		09/05/2010 4:00	20.8014	0.3212	12.66	47.6164	104.9505223	104.966672	0.230414	104.976028	
2010	248	500	248.208333333		09/05/2010 5:00	20.6974	0.3197	12.65	47.6199	104.9494621	104.965612	0.229371	104.974985	
2010	248	600	248.250000000		09/05/2010 6:00	21.1904	0.3266	12.84	47.6034	104.9544878	104.970638	0.234314	104.979928	
2010	248	700	248.291666667		09/05/2010 7:00	20.1994	0.3127	13.58	47.6365	104.9443854	104.960535	0.224378	104.969992	
2010	248	800	248.333333333		09/05/2010 8:00	20.0024	0.3100	13.52	47.6431	104.9423771	104.958527	0.222402	104.968016	
2010	248	900	248.375000000		09/05/2010 9:00	20.0944	0.3113	13.46	47.6400	104.943315	104.959465	0.223325	104.968939	
2010	248	1000	248.416666667		09/05/2010 10:00	20.5004	0.3170	13.41	47.6265	104.9474538	104.963604	0.227396	104.973010	
2010	248	1100	248.458333333		09/05/2010 11:00	21.5974	0.3323	13.37	47.5898	104.9586369	104.974787	0.238395	104.984009	
2010	248	1200	248.500000000		09/05/2010 12:00	20.1434	0.3120	13.37	47.6384	104.9438145	104.959964	0.223816	104.969430	
2010	248	1300	248.541666667		09/05/2010 13:00	18.8104	0.2933	13.35	47.6830	104.9302256	104.946375	0.210451	104.956065	
2010	248	1400	248.583333333		09/05/2010 14:00	18.7744	0.2928	13.35	47.6842	104.9298586	104.946008	0.210090	104.955704	
2010	248	1500	248.625000000		09/05/2010 15:00	20.0224	0.3103	13.33	47.6425	104.942581	104.958731	0.222603	104.968217	
2010	248	1600	248.666666667		09/05/2010 16:00	20.3664	0.3151	13.33	47.6309	104.9460878	104.962238	0.226052	104.971666	
2010	248	1700	248.708333333		09/05/2010 17:00	19.9794	0.3097	13.36	47.6439	104.9421426	104.958292	0.222172	104.967786	
2010	248	1800	248.750000000		09/05/2010 18:00	20.1134	0.3115	13.35	47.6394	104.9435087	104.959659	0.223515	104.969129	
2010	248	1900	248.791666667		09/05/2010 19:00	19.8964	0.3085	13.14	47.6467	104.9412965	104.957446	0.221340	104.966954	
2010	248	2000	248.833333333		09/05/2010 20:00	19.7514	0.3065	13.04	47.6515	104.9398184	104.955968	0.219886	104.965500	
2010	248	2100	248.875000000		09/05/2010 21:00	19.7154	0.3060	12.96	47.6527	104.9394514	104.955601	0.219525	104.965139	
2010	248	2200	248.916666667		09/05/2010 22:00	19.5854	0.3042	12.9	47.6571	104.9381261	104.954276	0.218221	104.963835	
2010	248	2300	248.958333333		09/05/2010 23:00	19.4644	0.3025	12.84	47.6611	104.9368926	104.953042	0.217008	104.962622	
2010	248	2400	249.000000000		09/06/2010 0:00	19.2034	0.2988	12.78	47.6698	104.9342319	104.950382	0.214391	104.960005	
2010	249	100	249.041666667		09/06/2010 1:00	19.3454	0.3008	12.75	47.6651	104.9356795	104.951829	0.215815	104.961429	
2010	249	200	249.083333333		09/06/2010 2:00	19.0724	0.2970	12.71	47.6742	104.9328965	104.949046	0.213078	104.958692	
2010	249	300	249.125000000		09/06/2010 3:00	18.9184	0.2948	12.69	47.6794	104.9313266	104.947476	0.211534	104.957148	
2010	249	400	249.166666667		09/06/2010 4:00	18.8954	0.2945	12.67	47.6801	104.9310921	104.947242	0.211303	104.956917	
2010	249	500	249.208333333		09/06/2010 5:00	18.7654	0.2927	12.66	47.6845	104.9297669	104.945917	0.210000	104.955614	
2010	249	600	249.250000000		09/06/2010 6:00	18.5874	0.2902	12.81	47.6904	104.9279523	104.944102	0.208215	104.953829	
2010	249	700	249.291666667		09/06/2010 7:00	18.2694	0.2858	13.58	47.7011	104.9247105	104.940860	0.205027	104.950641	
2010	249	800	249.333333333		09/06/2010 8:00	18.2364	0.2853	13.54	47.7022	104.9243741	104.940524	0.204696	104.950310	
2010	249	900	249.375000000		09/06/2010 9:00	18.6164	0.2906	13.49	47.6895	104.9282479	104.944398	0.208506	104.954120	
2010	249	1000	249.416666667		09/06/2010 10:00	17.4734	0.2747	13.44	47.7277	104.9165959	104.932746	0.197046	104.942660	
2010	249	1100	249.458333333		09/06/2010 11:00	17.9094	0.2807	13.39	47.7131	104.9210406	104.937190	0.201417	104.947031	
2010	249	1200	249.500000000		09/06/2010 12:00	19.1874	0.2986	13.38	47.6704	104.9340688	104.950219	0.214231	104.959845	
2010	249	1300	249.541666667		09/06/2010 13:00	17.3564	0.2730	13.36	47.7316	104.9154032	104.931553	0.195873	104.941487	
2010	249	1400	249.583333333		09/06/2010 14:00	17.8104	0.2794	13.33	47.7164	104.9200314	104.936181	0.200425	104.946039	
2010	249	1500	249.625000000		09/06/2010 15:00	18.0904	0.2833	13.33	47.7071	104.9228858	104.939036	0.203232	104.948846	
2010	249	1600	249.666666667		09/06/2010 16:00	17.8044	0.2793	13.33	47.7166	104.9199702	104.936120	0.200364	104.945978	
2010	249	1700	249.708333333		09/06/2010 17:00	17.9714	0.2816	13.35	47.7110	104.9216727	104.937822	0.202039	104.947653	
2010	249	1800	249.750000000		09/06/2010 18:00	17.6574	0.2772	13.26	47.7215	104.9184717	104.934621	0.198891	104.944505	
2010	249	1900	249.791666667		09/06/2010 19:00	17.3294	0.2726	13.11	47.7325	104.915128	104.931278	0.195602	104.941216	
2010	249	2000	249.833333333		09/06/2010 20:00	17.6354	0.2769	13.01	47.7223	104.9182474	104.934397	0.198670	104.944284	
2010	249	2100	249.875000000		09/06/2010 21:00	17.1364	0.2699	12.93	47.7390	104.9131605	104.929310	0.193667	104.939281	
2010	249	2200	249.916666667		09/06/2010 22:00	17.2094	0.2710	12.87	47.7365	104.9139047	104.930054	0.194399	104.940013	
2010	249	2300	249.958333333		09/06/2010 23:00	17.4914	0.2749	12.81	47.7271	104.9167794	104.932929	0.197226	104.942840	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	2400	250.000000000		09/07/2010 0:00	17.0994	0.2694	12.77	47.7402	104.9127833	104.928933	0.193296	104.938910	
2010	250	100	250.041666667		09/07/2010 1:00	17.0054	0.2681	12.73	47.7434	104.911825	104.927975	0.192353	104.937967	
2010	250	200	250.083333333		09/07/2010 2:00	17.0114	0.2682	12.71	47.7432	104.9118862	104.928036	0.192414	104.938028	
2010	250	300	250.125000000		09/07/2010 3:00	16.8984	0.2666	12.69	47.7469	104.9107343	104.926884	0.191281	104.936895	
2010	250	400	250.166666667		09/07/2010 4:00	16.8284	0.2656	12.67	47.7493	104.9100207	104.926170	0.190579	104.936193	
2010	250	500	250.208333333		09/07/2010 5:00	16.8694	0.2662	12.65	47.7479	104.9104386	104.926588	0.190990	104.936604	
2010	250	600	250.250000000		09/07/2010 6:00	16.7464	0.2645	12.81	47.7520	104.9091847	104.925335	0.189757	104.935371	
2010	250	700	250.291666667		09/07/2010 7:00	16.7924	0.2651	13.55	47.7505	104.9096537	104.925803	0.190218	104.935832	
2010	250	800	250.333333333		09/07/2010 8:00	16.8644	0.2661	13.54	47.7481	104.9103877	104.926537	0.190940	104.936554	
2010	250	900	250.375000000		09/07/2010 9:00	16.7114	0.2640	13.51	47.7532	104.9088279	104.924978	0.189406	104.935020	
2010	250	1000	250.416666667		09/07/2010 10:00	16.7774	0.2649	13.48	47.7510	104.9095008	104.925651	0.190067	104.935681	
2010	250	1100	250.458333333		09/07/2010 11:00	17.0574	0.2688	13.46	47.7416	104.9123551	104.928505	0.192875	104.938489	
2010	250	1200	250.500000000		09/07/2010 12:00	17.2094	0.2710	13.46	47.7365	104.9139047	104.930054	0.194399	104.940013	
2010	250	1300	250.541666667		09/07/2010 13:00	17.1874	0.2707	13.44	47.7373	104.9136804	104.929830	0.194178	104.939792	
2010	250	1400	250.583333333		09/07/2010 14:00	17.1514	0.2702	13.43	47.7385	104.9133134	104.929463	0.193817	104.939431	
2010	250	1500	250.625000000		09/07/2010 15:00	17.2234	0.2712	13.43	47.7361	104.9140474	104.930197	0.194539	104.940153	
2010	250	1600	250.666666667		09/07/2010 16:00	17.0924	0.2693	13.42	47.7404	104.9127119	104.928862	0.193226	104.938840	
2010	250	1700	250.708333333		09/07/2010 17:00	17.2224	0.2711	13.42	47.7361	104.9140372	104.930187	0.194529	104.940143	
2010	250	1800	250.750000000		09/07/2010 18:00	17.4114	0.2738	13.27	47.7298	104.9159639	104.932114	0.196424	104.942038	
2010	250	1900	250.791666667		09/07/2010 19:00	17.5174	0.2753	13.14	47.7262	104.9170445	104.933194	0.197487	104.943101	
2010	250	2000	250.833333333		09/07/2010 20:00	17.5884	0.2763	13.04	47.7239	104.9177683	104.933918	0.198199	104.943813	
2010	250	2100	250.875000000		09/07/2010 21:00	17.8344	0.2797	12.97	47.7156	104.920276	104.936426	0.200665	104.946279	
2010	250	2200	250.916666667		09/07/2010 22:00	18.0304	0.2824	12.9	47.7091	104.9222741	104.938424	0.202630	104.948244	
2010	250	2300	250.958333333		09/07/2010 23:00	18.2944	0.2861	12.84	47.7002	104.9249654	104.941115	0.205277	104.950891	
2010	250	2400	251.000000000		09/08/2010 0:00	18.4814	0.2887	12.79	47.6940	104.9268717	104.943022	0.207152	104.952766	
2010	251	100	251.041666667		09/08/2010 1:00	18.7204	0.2921	12.76	47.6860	104.9293081	104.945458	0.209549	104.955163	
2010	251	200	251.083333333		09/08/2010 2:00	19.0114	0.2961	12.73	47.6763	104.9322746	104.948424	0.212466	104.958080	
2010	251	300	251.125000000		09/08/2010 3:00	19.2644	0.2997	12.71	47.6678	104.9348538	104.951004	0.215003	104.960617	
2010	251	400	251.166666667		09/08/2010 4:00	19.5124	0.3031	12.69	47.6595	104.9373819	104.953532	0.217490	104.963104	
2010	251	500	251.208333333		09/08/2010 5:00	19.7594	0.3066	12.67	47.6512	104.9398999	104.956050	0.219966	104.965580	
2010	251	600	251.250000000		09/08/2010 6:00	19.9854	0.3098	12.72	47.6437	104.9422038	104.958354	0.222232	104.967846	
2010	251	700	251.291666667		09/08/2010 7:00	20.1394	0.3119	13.53	47.6385	104.9437737	104.959924	0.223776	104.969390	
2010	251	800	251.333333333		09/08/2010 8:00	20.3184	0.3144	13.51	47.6326	104.9455985	104.961748	0.225571	104.971185	
2010	251	900	251.375000000		09/08/2010 9:00	20.1584	0.3122	13.46	47.6379	104.9439674	104.960117	0.223967	104.969581	
2010	251	1000	251.416666667		09/08/2010 10:00	21.2424	0.3273	13.43	47.6016	104.9550179	104.971168	0.234835	104.980449	
2010	251	1100	251.458333333		09/08/2010 11:00	22.5674	0.3458	13.41	47.5573	104.9685253	104.984675	0.248120	104.993734	
2010	251	1200	251.500000000		09/08/2010 12:00	21.4574	0.3303	13.39	47.5945	104.9572097	104.973360	0.236991	104.982605	
2010	251	1300	251.541666667		09/08/2010 13:00	21.8234	0.3354	13.38	47.5822	104.9609408	104.977091	0.240661	104.986275	
2010	251	1400	251.583333333		09/08/2010 14:00	21.3004	0.3281	13.41	47.5997	104.9556092	104.971759	0.235417	104.981031	
2010	251	1500	251.625000000		09/08/2010 15:00	21.6354	0.3328	13.36	47.5885	104.9590243	104.975174	0.238776	104.984390	
2010	251	1600	251.666666667		09/08/2010 16:00	21.5864	0.3321	13.37	47.5901	104.9585248	104.974675	0.238284	104.983898	
2010	251	1700	251.708333333		09/08/2010 17:00	22.4494	0.3442	13.39	47.5613	104.9673224	104.983472	0.246937	104.992551	
2010	251	1800	251.750000000		09/08/2010 18:00	22.3074	0.3422	13.33	47.5660	104.9658748	104.982025	0.245513	104.991127	
2010	251	1900	251.791666667		09/08/2010 19:00	22.1564	0.3401	13.16	47.5711	104.9643355	104.980485	0.243999	104.989613	
2010	251	2000	251.833333333		09/08/2010 20:00	22.2004	0.3407	13.06	47.5696	104.964784	104.980934	0.244440	104.990054	
2010	251	2100	251.875000000		09/08/2010 21:00	22.4364	0.3440	12.99	47.5617	104.9671898	104.983340	0.246807	104.992421	
2010	251	2200	251.916666667		09/08/2010 22:00	22.5664	0.3458	12.92	47.5574	104.9685151	104.984665	0.248110	104.993724	
2010	251	2300	251.958333333		09/08/2010 23:00	22.8014	0.3491	12.86	47.5495	104.9709107	104.987061	0.250466	104.996080	
2010	251	2400	252.000000000		09/09/2010 0:00	23.1074	0.3534	12.8	47.5393	104.9740302	104.990180	0.253534	104.999148	
2010	252	100	252.041666667		09/09/2010 1:00	23.2244	0.3550	12.76	47.5354	104.9752229	104.991373	0.254707	105.000321	
2010	252	200	252.083333333		09/09/2010 2:00	23.3794	0.3572	12.72	47.5302	104.976803	104.992953	0.256262	105.001876	
2010	252	300	252.125000000		09/09/2010 3:00	23.6154	0.3605	12.7	47.5223	104.9792088	104.995359	0.258628	105.004242	
2010	252	400	252.166666667		09/09/2010 4:00	23.8414	0.3636	12.68	47.5147	104.9815127	104.997663	0.260894	105.006508	
2010	252	500	252.208333333		09/09/2010 5:00	24.0374	0.3664	12.67	47.5082	104.9835108	104.999661	0.262859	105.008473	
2010	252	600	252.250000000		09/09/2010 6:00	24.1484	0.3679	12.65	47.5045	104.9846423	105.000792	0.263972	105.009586	
2010	252	700	252.291666667		09/09/2010 7:00	24.2124	0.3688	13.28	47.5023	104.9852948	105.001445	0.264614	105.010228	
2010	252	800	252.333333333		09/09/2010 8:00	24.0304	0.3663	13.54	47.5084	104.9834394	104.999589	0.262789	105.008403	
2010	252	900	252.375000000		09/09/2010 9:00	25.3994	0.3854	13.47	47.4626	104.9973953	105.013545	0.276515	105.022129	
2010	252	1000	252.416666667		09/09/2010 10:00	23.9254	0.3648	13.45	47.5119	104.982369	104.998519	0.261736	105.007350	
2010	252	1100	252.458333333		09/09/2010 11:00	24.2084	0.3688	13.41	47.5024	104.985254	105.001404	0.264573	105.010187	
2010	252	1200	252.500000000		09/09/2010 12:00	25.0154	0.3801	13.36	47.4755	104.9934807	105.009631	0.272665	105.018279	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	252	1300	252.541666667		09/09/2010 13:00	23.5034	0.3589	13.35	47.5260	104.9780671	104.994217	0.257505	105.003119	
2010	252	1400	252.583333333		09/09/2010 14:00	24.3764	0.3711	13.36	47.4968	104.9869666	105.003116	0.266258	105.011872	
2010	252	1500	252.625000000		09/09/2010 15:00	24.5174	0.3731	13.34	47.4921	104.988404	105.004554	0.267672	105.013286	
2010	252	1600	252.666666667		09/09/2010 16:00	23.6914	0.3615	13.35	47.5197	104.9799836	104.996133	0.259390	105.005004	
2010	252	1700	252.708333333		09/09/2010 17:00	24.2934	0.3700	13.37	47.4996	104.9861205	105.002270	0.265426	105.011040	
2010	252	1800	252.750000000		09/09/2010 18:00	24.3744	0.3711	13.29	47.4969	104.9869462	105.003096	0.266238	105.011852	
2010	252	1900	252.791666667		09/09/2010 19:00	24.1984	0.3686	13.12	47.5028	104.9851521	105.001302	0.264473	105.010087	
2010	252	2000	252.833333333		09/09/2010 20:00	24.0654	0.3668	13.02	47.5072	104.9837962	104.999946	0.263140	105.008754	
2010	252	2100	252.875000000		09/09/2010 21:00	23.9404	0.3650	12.94	47.5114	104.9825219	104.998672	0.261886	105.007500	
2010	252	2200	252.916666667		09/09/2010 22:00	23.5934	0.3602	12.89	47.5230	104.9789846	104.995134	0.258407	105.004021	
2010	252	2300	252.958333333		09/09/2010 23:00	23.6834	0.3614	12.83	47.5200	104.979902	104.996052	0.259310	105.004924	
2010	252	2400	253.000000000		09/10/2010 0:00	23.4974	0.3588	12.77	47.5262	104.9780059	104.994156	0.257445	105.003059	
2010	253	100	253.041666667		09/10/2010 1:00	23.3204	0.3564	12.74	47.5321	104.9762015	104.992351	0.255670	105.001284	
2010	253	200	253.083333333		09/10/2010 2:00	23.0714	0.3529	12.71	47.5405	104.9736632	104.989813	0.253173	104.998787	
2010	253	300	253.125000000		09/10/2010 3:00	22.7514	0.3484	12.67	47.5512	104.970401	104.986551	0.249965	104.995579	
2010	253	400	253.166666667		09/10/2010 4:00	22.8324	0.3495	12.66	47.5485	104.9712268	104.987377	0.250777	104.996391	
2010	253	500	253.208333333		09/10/2010 5:00	22.4664	0.3444	12.63	47.5607	104.9674957	104.983645	0.247107	104.992721	
2010	253	600	253.250000000		09/10/2010 6:00	22.1594	0.3401	12.8	47.5710	104.964366	104.980516	0.244029	104.989643	
2010	253	700	253.291666667		09/10/2010 7:00	21.7374	0.3342	13.59	47.5851	104.9600641	104.976214	0.239798	104.985412	
2010	253	800	253.333333333		09/10/2010 8:00	21.4224	0.3298	13.52	47.5956	104.9568529	104.973003	0.236640	104.982254	
2010	253	900	253.375000000		09/10/2010 9:00	21.0924	0.3252	13.47	47.6067	104.9534888	104.969639	0.233331	104.978945	
2010	253	1000	253.416666667		09/10/2010 10:00	20.9594	0.3234	13.43	47.6111	104.952133	104.968283	0.231998	104.977612	
2010	253	1100	253.458333333		09/10/2010 11:00	20.6474	0.3190	13.39	47.6215	104.9489524	104.965102	0.228869	104.974483	
2010	253	1200	253.500000000		09/10/2010 12:00	19.9314	0.3090	13.38	47.6455	104.9416533	104.957803	0.221691	104.967305	
2010	253	1300	253.541666667		09/10/2010 13:00	20.7004	0.3197	13.36	47.6198	104.9494927	104.965643	0.229401	104.975015	
2010	253	1400	253.583333333		09/10/2010 14:00	19.5794	0.3041	13.34	47.6573	104.938065	104.954215	0.218161	104.963775	
2010	253	1500	253.625000000		09/10/2010 15:00	19.4964	0.3029	13.33	47.6600	104.9372188	104.953369	0.217329	104.962943	
2010	253	1600	253.666666667		09/10/2010 16:00	20.2414	0.3133	13.33	47.6351	104.9448135	104.960963	0.224799	104.970413	
2010	253	1700	253.708333333		09/10/2010 17:00	19.6024	0.3044	13.34	47.6565	104.9382994	104.954449	0.218392	104.964006	
2010	253	1800	253.750000000		09/10/2010 18:00	19.5764	0.3040	13.27	47.6574	104.9380344	104.954184	0.218131	104.963745	
2010	253	1900	253.791666667		09/10/2010 19:00	19.3384	0.3007	13.11	47.6653	104.9356082	104.951758	0.215745	104.961359	
2010	253	2000	253.833333333		09/10/2010 20:00	19.0644	0.2969	13.02	47.6745	104.9328149	104.948965	0.212998	104.958612	
2010	253	2100	253.875000000		09/10/2010 21:00	18.6274	0.2908	12.93	47.6891	104.9283601	104.944510	0.208616	104.954230	
2010	253	2200	253.916666667		09/10/2010 22:00	18.6134	0.2906	12.88	47.6896	104.9282173	104.944367	0.208476	104.954090	
2010	253	2300	253.958333333		09/10/2010 23:00	18.0434	0.2826	12.82	47.7086	104.9224066	104.938556	0.202761	104.948375	
2010	253	2400	254.000000000		09/11/2010 0:00	18.2804	0.2859	12.77	47.7007	104.9248227	104.940972	0.205137	104.950751	
2010	254	100	254.041666667		09/11/2010 1:00	18.0434	0.2826	12.72	47.7086	104.9224066	104.938556	0.202761	104.948375	
2010	254	200	254.083333333		09/11/2010 2:00	17.4254	0.2740	12.69	47.7293	104.9161066	104.932256	0.196564	104.942178	
2010	254	300	254.125000000		09/11/2010 3:00	17.5614	0.2759	12.67	47.7248	104.917493	104.933643	0.197928	104.943542	
2010	254	400	254.166666667		09/11/2010 4:00	17.0484	0.2687	12.64	47.7419	104.9122634	104.928413	0.192784	104.938398	
2010	254	500	254.208333333		09/11/2010 5:00	17.0604	0.2689	12.62	47.7415	104.9123857	104.928536	0.192905	104.938519	
2010	254	600	254.250000000		09/11/2010 6:00	16.3124	0.2584	12.84	47.7665	104.9047604	104.920910	0.185405	104.931019	
2010	254	700	254.291666667		09/11/2010 7:00	16.2694	0.2578	13.6	47.7680	104.9043221	104.920472	0.184974	104.930588	
2010	254	800	254.333333333		09/11/2010 8:00	16.3914	0.2595	13.54	47.7639	104.9055658	104.921716	0.186197	104.931811	
2010	254	900	254.375000000		09/11/2010 9:00	16.0254	0.2544	13.5	47.7761	104.9018347	104.917985	0.182527	104.928141	
2010	254	1000	254.416666667		09/11/2010 10:00	15.7214	0.2502	13.45	47.7863	104.8987357	104.914885	0.179479	104.925093	
2010	254	1100	254.458333333		09/11/2010 11:00	15.8224	0.2516	13.4	47.7829	104.8997653	104.915915	0.180492	104.926106	
2010	254	1200	254.500000000		09/11/2010 12:00	14.9544	0.2394	13.39	47.8120	104.8909167	104.907067	0.171789	104.917403	
2010	254	1300	254.541666667		09/11/2010 13:00	14.7664	0.2368	13.36	47.8182	104.8890002	104.905150	0.169904	104.915518	
2010	254	1400	254.583333333		09/11/2010 14:00	15.1334	0.2419	13.34	47.8060	104.8927415	104.908891	0.173584	104.919198	
2010	254	1500	254.625000000		09/11/2010 15:00	15.0314	0.2405	13.32	47.8094	104.8917016	104.907851	0.172561	104.918175	
2010	254	1600	254.666666667		09/11/2010 16:00	14.5164	0.2333	13.33	47.8266	104.8864516	104.902601	0.167398	104.913012	
2010	254	1700	254.708333333		09/11/2010 17:00	14.8394	0.2378	13.34	47.8158	104.8897444	104.905894	0.170636	104.916250	
2010	254	1800	254.750000000		09/11/2010 18:00	14.7574	0.2367	13.27	47.8185	104.8889084	104.905058	0.169814	104.915428	
2010	254	1900	254.791666667		09/11/2010 19:00	14.4624	0.2326	13.1	47.8284	104.8859011	104.902051	0.166856	104.912470	
2010	254	2000	254.833333333		09/11/2010 20:00	14.3544	0.2311	13.01	47.8320	104.8848002	104.900950	0.165773	104.911387	
2010	254	2100	254.875000000		09/11/2010 21:00	13.8624	0.2242	12.94	47.8485	104.8797846	104.895934	0.160840	104.906454	
2010	254	2200	254.916666667		09/11/2010 22:00	14.1444	0.2281	12.87	47.8390	104.8826594	104.898809	0.163668	104.909282	
2010	254	2300	254.958333333		09/11/2010 23:00	14.0004	0.2261	12.82	47.8439	104.8811914	104.897341	0.162224	104.907838	
2010	254	2400	255.000000000		09/12/2010 0:00	13.4964	0.2191	12.76	47.8607	104.8760535	104.892203	0.157171	104.902785	
2010	255	100	255.041666667		09/12/2010 1:00	13.5604	0.2200	12.72	47.8586	104.876706	104.892856	0.157812	104.903426	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	255	200	255.083333333		09/12/2010 2:00	13.4564	0.2185	12.69	47.8621	104.8756458	104.891796	0.156770	104.902384	
2010	255	300	255.125000000		09/12/2010 3:00	13.4754	0.2188	12.66	47.8614	104.8758394	104.891989	0.156960	104.902574	
2010	255	400	255.166666667		09/12/2010 4:00	13.2854	0.2161	12.64	47.8678	104.8739025	104.890052	0.155055	104.900669	
2010	255	500	255.208333333		09/12/2010 5:00	13.3684	0.2173	12.61	47.8650	104.8747487	104.890898	0.155887	104.901501	
2010	255	600	255.250000000		09/12/2010 6:00	12.6334	0.2070	12.76	47.8896	104.8672559	104.883406	0.148518	104.894132	
2010	255	700	255.291666667		09/12/2010 7:00	12.5804	0.2063	13.61	47.8914	104.8667156	104.882865	0.147987	104.893601	
2010	255	800	255.333333333		09/12/2010 8:00	13.4284	0.2181	13.54	47.8630	104.8753603	104.891510	0.156489	104.902103	
2010	255	900	255.375000000		09/12/2010 9:00	11.7544	0.1947	13.46	47.9190	104.8582952	104.874445	0.139705	104.885319	
2010	255	1000	255.416666667		09/12/2010 10:00	13.0294	0.2125	13.39	47.8763	104.8712928	104.887443	0.152488	104.898102	
2010	255	1100	255.458333333		09/12/2010 11:00	12.5464	0.2058	13.34	47.8925	104.866369	104.882519	0.147646	104.893260	
2010	255	1200	255.500000000		09/12/2010 12:00	12.0054	0.1982	13.32	47.9106	104.8608539	104.877004	0.142221	104.887835	
2010	255	1300	255.541666667		09/12/2010 13:00	11.9954	0.1981	13.29	47.9109	104.860752	104.876902	0.142121	104.887735	
2010	255	1400	255.583333333		09/12/2010 14:00	12.2824	0.2021	13.25	47.9013	104.8636777	104.879828	0.144999	104.890613	
2010	255	1500	255.625000000		09/12/2010 15:00	12.3524	0.2031	13.25	47.8990	104.8643913	104.880541	0.145701	104.891315	
2010	255	1600	255.666666667		09/12/2010 16:00	12.1144	0.1998	13.25	47.9069	104.8619651	104.878115	0.143314	104.888928	
2010	255	1700	255.708333333		09/12/2010 17:00	12.3944	0.2037	13.25	47.8976	104.8648195	104.880969	0.146122	104.891736	
2010	255	1800	255.750000000		09/12/2010 18:00	12.4554	0.2045	13.17	47.8955	104.8654413	104.881591	0.146733	104.892347	
2010	255	1900	255.791666667		09/12/2010 19:00	12.1774	0.2006	13.01	47.9048	104.8626073	104.878757	0.143946	104.889560	
2010	255	2000	255.833333333		09/12/2010 20:00	12.1004	0.1996	12.92	47.9074	104.8618224	104.877972	0.143174	104.888788	
2010	255	2100	255.875000000		09/12/2010 21:00	12.2354	0.2014	12.86	47.9029	104.8631986	104.879348	0.144527	104.890141	
2010	255	2200	255.916666667		09/12/2010 22:00	12.1504	0.2003	12.8	47.9057	104.8623321	104.878482	0.143675	104.889289	
2010	255	2300	255.958333333		09/12/2010 23:00	12.0354	0.1987	12.75	47.9096	104.8611598	104.877310	0.142522	104.888136	
2010	255	2400	256.000000000		09/13/2010 0:00	12.1114	0.1997	12.72	47.9070	104.8619345	104.878084	0.143284	104.888898	
2010	256	100	256.041666667		09/13/2010 1:00	12.2044	0.2010	12.69	47.9039	104.8628826	104.879032	0.144217	104.889831	
2010	256	200	256.083333333		09/13/2010 2:00	12.0724	0.1992	12.67	47.9083	104.861537	104.877687	0.142893	104.888507	
2010	256	300	256.125000000		09/13/2010 3:00	12.1664	0.2005	12.65	47.9052	104.8624952	104.878645	0.143836	104.889450	
2010	256	400	256.166666667		09/13/2010 4:00	12.1654	0.2005	12.64	47.9052	104.862485	104.878635	0.143826	104.889440	
2010	256	500	256.208333333		09/13/2010 5:00	12.1404	0.2001	12.62	47.9061	104.8622302	104.878380	0.143575	104.889189	
2010	256	600	256.250000000		09/13/2010 6:00	11.7264	0.1943	12.74	47.9199	104.8580098	104.874160	0.139424	104.885038	
2010	256	700	256.291666667		09/13/2010 7:00	11.8194	0.1956	13.56	47.9168	104.8589578	104.875108	0.140356	104.885970	
2010	256	800	256.333333333		09/13/2010 8:00	11.7344	0.1944	13.48	47.9196	104.8580913	104.874241	0.139504	104.885118	
2010	256	900	256.375000000		09/13/2010 9:00	11.6674	0.1935	13.41	47.9219	104.8574083	104.873558	0.138832	104.884446	
2010	256	1000	256.416666667		09/13/2010 10:00	12.7924	0.2092	13.37	47.8843	104.8688768	104.885027	0.150112	104.895726	
2010	256	1100	256.458333333		09/13/2010 11:00	12.6954	0.2079	13.33	47.8875	104.867888	104.884038	0.149140	104.894754	
2010	256	1200	256.500000000		09/13/2010 12:00	11.4614	0.1906	13.31	47.9288	104.8553083	104.871458	0.136767	104.882381	
2010	256	1300	256.541666667		09/13/2010 13:00	13.5464	0.2198	13.28	47.8590	104.8765632	104.892713	0.157672	104.903286	
2010	256	1400	256.583333333		09/13/2010 14:00	12.6624	0.2074	13.26	47.8886	104.8675515	104.883701	0.148809	104.894423	
2010	256	1500	256.625000000		09/13/2010 15:00	12.0674	0.1991	13.25	47.9085	104.861486	104.877636	0.142843	104.888457	
2010	256	1600	256.666666667		09/13/2010 16:00	12.9654	0.2117	13.25	47.8785	104.8706404	104.886790	0.151847	104.897461	
2010	256	1700	256.708333333		09/13/2010 17:00	13.2104	0.2151	13.28	47.8703	104.873138	104.889288	0.154303	104.899917	
2010	256	1800	256.750000000		09/13/2010 18:00	13.0124	0.2123	13.14	47.8769	104.8711195	104.887269	0.152318	104.897932	
2010	256	1900	256.791666667		09/13/2010 19:00	13.0334	0.2126	13.01	47.8762	104.8713336	104.887483	0.152529	104.898143	
2010	256	2000	256.833333333		09/13/2010 20:00	13.0214	0.2124	12.92	47.8766	104.8712113	104.887361	0.152408	104.898022	
2010	256	2100	256.875000000		09/13/2010 21:00	13.0094	0.2123	12.86	47.8770	104.8710889	104.887239	0.152288	104.897902	
2010	256	2200	256.916666667		09/13/2010 22:00	13.0194	0.2124	12.79	47.8767	104.8711909	104.887341	0.152388	104.898002	
2010	256	2300	256.958333333		09/13/2010 23:00	13.0544	0.2129	12.75	47.8755	104.8715477	104.887698	0.152739	104.898353	
2010	256	2400	257.000000000		09/14/2010 0:00	13.0314	0.2126	12.71	47.8763	104.8713132	104.887463	0.152508	104.898122	
2010	257	100	257.041666667		09/14/2010 1:00	13.0544	0.2129	12.69	47.8755	104.8715477	104.887698	0.152739	104.898353	
2010	257	200	257.083333333		09/14/2010 2:00	13.4264	0.2181	12.69	47.8631	104.8753399	104.891490	0.156469	104.902083	
2010	257	300	257.125000000		09/14/2010 3:00	13.4694	0.2187	12.67	47.8616	104.8757783	104.891928	0.156900	104.902514	
2010	257	400	257.166666667		09/14/2010 4:00	13.6634	0.2214	12.65	47.8551	104.877756	104.893906	0.158845	104.904459	
2010	257	500	257.208333333		09/14/2010 5:00	13.8564	0.2241	12.65	47.8487	104.8797234	104.895873	0.160780	104.906394	
2010	257	600	257.250000000		09/14/2010 6:00	13.9024	0.2247	12.76	47.8471	104.8801924	104.896342	0.161241	104.906855	
2010	257	700	257.291666667		09/14/2010 7:00	14.1494	0.2282	13.57	47.8389	104.8827103	104.898860	0.163718	104.909332	
2010	257	800	257.333333333		09/14/2010 8:00	13.9774	0.2258	13.54	47.8446	104.8809569	104.897107	0.161993	104.907607	
2010	257	900	257.375000000		09/14/2010 9:00	14.6874	0.2357	13.46	47.8209	104.8881948	104.904345	0.169112	104.914726	
2010	257	1000	257.416666667		09/14/2010 10:00	14.0284	0.2265	13.39	47.8429	104.8814768	104.897627	0.162505	104.908119	
2010	257	1100	257.458333333		09/14/2010 11:00	16.2684	0.2578	13.33	47.7680	104.9043119	104.920462	0.184964	104.930578	
2010	257	1200	257.500000000		09/14/2010 12:00	15.6794	0.2496	13.31	47.7877	104.8983075	104.914457	0.179058	104.924672	
2010	257	1300	257.541666667		09/14/2010 13:00	15.0444	0.2407	13.29	47.8089	104.8918342	104.907984	0.172692	104.918306	
2010	257	1400	257.583333333		09/14/2010 14:00	15.2514	0.2436	13.26	47.8020	104.8939444	104.910094	0.174767	104.920381	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	257	1500	257.625000000		09/14/2010 15:00	16.3914	0.2595	13.24	47.7639	104.9055658	104.921716	0.186197	104.931811	
2010	257	1600	257.666666667		09/14/2010 16:00	16.0494	0.2548	13.25	47.7753	104.9020794	104.918229	0.182768	104.928382	
2010	257	1700	257.708333333		09/14/2010 17:00	16.2064	0.2569	13.27	47.7701	104.9036799	104.919830	0.184342	104.929956	
2010	257	1800	257.750000000		09/14/2010 18:00	16.5354	0.2615	13.16	47.7591	104.9070338	104.923184	0.187641	104.933255	
2010	257	1900	257.791666667		09/14/2010 19:00	16.2434	0.2575	13.02	47.7688	104.904057	104.920207	0.184713	104.930327	
2010	257	2000	257.833333333		09/14/2010 20:00	16.5944	0.2624	12.93	47.7571	104.9076352	104.923785	0.188232	104.933846	
2010	257	2100	257.875000000		09/14/2010 21:00	16.9754	0.2677	12.86	47.7444	104.9115192	104.927669	0.192053	104.937667	
2010	257	2200	257.916666667		09/14/2010 22:00	17.2704	0.2718	12.8	47.7345	104.9145265	104.930676	0.195010	104.940624	
2010	257	2300	257.958333333		09/14/2010 23:00	17.2914	0.2721	12.76	47.7338	104.9147406	104.930890	0.195221	104.940835	
2010	257	2400	258.000000000		09/15/2010 0:00	17.6154	0.2766	12.73	47.7230	104.9180435	104.934193	0.198469	104.944083	
2010	258	100	258.041666667		09/15/2010 1:00	17.7434	0.2784	12.7	47.7187	104.9193484	104.935498	0.199753	104.945367	
2010	258	200	258.083333333		09/15/2010 2:00	18.0084	0.2821	12.68	47.7098	104.9220498	104.938200	0.202410	104.948024	
2010	258	300	258.125000000		09/15/2010 3:00	18.1504	0.2841	12.66	47.7051	104.9234974	104.939647	0.203834	104.949448	
2010	258	400	258.166666667		09/15/2010 4:00	18.2674	0.2857	12.65	47.7011	104.9246901	104.940840	0.205007	104.950621	
2010	258	500	258.208333333		09/15/2010 5:00	18.3744	0.2872	12.63	47.6976	104.9257809	104.941931	0.206079	104.951693	
2010	258	600	258.250000000		09/15/2010 6:00	18.4214	0.2879	12.72	47.6960	104.9262601	104.942410	0.206551	104.952165	
2010	258	700	258.291666667		09/15/2010 7:00	17.3294	0.2726	13.59	47.7325	104.915128	104.931278	0.195602	104.941216	
2010	258	800	258.333333333		09/15/2010 8:00	18.7104	0.2919	13.5	47.6863	104.9292062	104.945356	0.209448	104.955062	
2010	258	900	258.375000000		09/15/2010 9:00	18.5724	0.2900	13.42	47.6909	104.9277994	104.943949	0.208065	104.953679	
2010	258	1000	258.416666667		09/15/2010 10:00	18.0414	0.2826	13.38	47.7087	104.9223862	104.938536	0.202741	104.948355	
2010	258	1100	258.458333333		09/15/2010 11:00	18.3384	0.2867	13.35	47.6988	104.9254139	104.941564	0.205719	104.951333	
2010	258	1200	258.500000000		09/15/2010 12:00	19.0704	0.2970	13.34	47.6743	104.9328761	104.949026	0.213058	104.958672	
2010	258	1300	258.541666667		09/15/2010 13:00	19.7704	0.3068	13.31	47.6509	104.9400121	104.956162	0.220076	104.965690	
2010	258	1400	258.583333333		09/15/2010 14:00	19.5704	0.3040	13.27	47.6576	104.9379732	104.954123	0.218071	104.963685	
2010	258	1500	258.625000000		09/15/2010 15:00	20.0874	0.3112	13.27	47.6403	104.9432436	104.959393	0.223255	104.968869	
2010	258	1600	258.666666667		09/15/2010 16:00	19.8984	0.3085	13.28	47.6466	104.9413169	104.957467	0.221360	104.966974	
2010	258	1700	258.708333333		09/15/2010 17:00	20.0494	0.3107	13.22	47.6415	104.9428562	104.959006	0.222874	104.968488	
2010	258	1800	258.750000000		09/15/2010 18:00	20.0744	0.3110	13.1	47.6407	104.9431111	104.959261	0.223124	104.968738	
2010	258	1900	258.791666667		09/15/2010 19:00	20.4064	0.3156	12.99	47.6296	104.9464956	104.962645	0.226453	104.972067	
2010	258	2000	258.833333333		09/15/2010 20:00	20.8084	0.3213	12.9	47.6162	104.9505937	104.966743	0.230484	104.976098	
2010	258	2100	258.875000000		09/15/2010 21:00	20.5654	0.3179	12.84	47.6243	104.9481165	104.964266	0.228047	104.973661	
2010	258	2200	258.916666667		09/15/2010 22:00	20.6514	0.3191	12.78	47.6214	104.9489932	104.965143	0.228910	104.974524	
2010	258	2300	258.958333333		09/15/2010 23:00	20.8514	0.3219	12.75	47.6147	104.951032	104.967182	0.230915	104.976529	
2010	258	2400	259.000000000		09/16/2010 0:00	20.9694	0.3235	12.73	47.6108	104.9522349	104.968385	0.232098	104.977712	
2010	259	100	259.041666667		09/16/2010 1:00	21.1584	0.3262	12.73	47.6045	104.9541616	104.970311	0.233993	104.979607	
2010	259	200	259.083333333		09/16/2010 2:00	21.3474	0.3288	12.71	47.5981	104.9560883	104.972238	0.235888	104.981502	
2010	259	300	259.125000000		09/16/2010 3:00	21.3344	0.3286	12.69	47.5986	104.9559558	104.972106	0.235758	104.981372	
2010	259	400	259.166666667		09/16/2010 4:00	21.5974	0.3323	12.68	47.5898	104.9586369	104.974787	0.238395	104.984009	
2010	259	500	259.208333333		09/16/2010 5:00	21.4814	0.3307	12.67	47.5937	104.9574544	104.973604	0.237231	104.982845	
2010	259	600	259.250000000		09/16/2010 6:00	21.4294	0.3299	12.67	47.5954	104.9569243	104.973074	0.236710	104.982324	
2010	259	700	259.291666667		09/16/2010 7:00	21.2884	0.3280	13.46	47.6001	104.9554869	104.971637	0.235296	104.980910	
2010	259	800	259.333333333		09/16/2010 8:00	20.3184	0.3144	13.45	47.6326	104.9455985	104.961748	0.225571	104.971185	
2010	259	900	259.375000000		09/16/2010 9:00	21.5864	0.3321	13.41	47.5901	104.9585248	104.974675	0.238284	104.983898	
2010	259	1000	259.416666667		09/16/2010 10:00	21.0194	0.3242	13.38	47.6091	104.9527446	104.968894	0.232599	104.978213	
2010	259	1100	259.458333333		09/16/2010 11:00	21.4694	0.3305	13.33	47.5941	104.957332	104.973482	0.237111	104.982725	
2010	259	1200	259.500000000		09/16/2010 12:00	20.8094	0.3213	13.29	47.6161	104.9506038	104.966754	0.230494	104.976108	
2010	259	1300	259.541666667		09/16/2010 13:00	19.3564	0.3010	13.29	47.6647	104.9357916	104.951941	0.215925	104.961539	
2010	259	1400	259.583333333		09/16/2010 14:00	20.7754	0.3208	13.26	47.6173	104.9502572	104.966407	0.230153	104.975767	
2010	259	1500	259.625000000		09/16/2010 15:00	20.3494	0.3148	13.25	47.6315	104.9459145	104.962064	0.225882	104.971496	
2010	259	1600	259.666666667		09/16/2010 16:00	20.5974	0.3183	13.27	47.6232	104.9484427	104.964593	0.228368	104.973982	
2010	259	1700	259.708333333		09/16/2010 17:00	20.1704	0.3123	13.2	47.6375	104.9440897	104.960240	0.224087	104.969701	
2010	259	1800	259.750000000		09/16/2010 18:00	19.8964	0.3085	13.06	47.6467	104.9412965	104.957446	0.221340	104.966954	
2010	259	1900	259.791666667		09/16/2010 19:00	19.7084	0.3059	12.95	47.6530	104.93938	104.955530	0.219455	104.965069	
2010	259	2000	259.833333333		09/16/2010 20:00	19.5304	0.3034	12.87	47.6589	104.9375654	104.953715	0.217670	104.963284	
2010	259	2100	259.875000000		09/16/2010 21:00	19.6934	0.3057	12.81	47.6535	104.9392271	104.955377	0.219304	104.964918	
2010	259	2200	259.916666667		09/16/2010 22:00	19.7194	0.3060	12.78	47.6526	104.9394921	104.955642	0.219565	104.965179	
2010	259	2300	259.958333333		09/16/2010 23:00	19.5634	0.3039	12.75	47.6578	104.9379019	104.954052	0.218001	104.963615	
2010	259	2400	260.000000000		09/17/2010 0:00	19.6454	0.3050	12.73	47.6551	104.9387378	104.954888	0.218823	104.964437	
2010	260	100	260.041666667		09/17/2010 1:00	19.7274	0.3062	12.72	47.6523	104.9395737	104.955724	0.219645	104.965259	
2010	260	200	260.083333333		09/17/2010 2:00	19.7634	0.3067	12.71	47.6511	104.9399407	104.956091	0.220006	104.965620	
2010	260	300	260.125000000		09/17/2010 3:00	19.8104	0.3073	12.71	47.6495	104.9404198	104.956570	0.220477	104.966091	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	260	400	260.166666667		09/17/2010 4:00	19.8164	0.3074	12.7	47.6493	104.940481	104.956631	0.220538	104.966152	
2010	260	500	260.208333333		09/17/2010 5:00	19.8914	0.3084	12.68	47.6468	104.9412456	104.957395	0.221290	104.966904	
2010	260	600	260.250000000		09/17/2010 6:00	19.9284	0.3090	12.76	47.6456	104.9416227	104.957773	0.221660	104.967274	
2010	260	700	260.291666667		09/17/2010 7:00	20.2754	0.3138	13.42	47.6340	104.9451601	104.961310	0.225140	104.970754	
2010	260	800	260.333333333		09/17/2010 8:00	19.3994	0.3016	13.41	47.6633	104.93623	104.952380	0.216357	104.961971	
2010	260	900	260.375000000		09/17/2010 9:00	20.2984	0.3141	13.38	47.6332	104.9453946	104.961544	0.225370	104.970984	
2010	260	1000	260.416666667		09/17/2010 10:00	20.0624	0.3108	13.35	47.6411	104.9429888	104.959139	0.223004	104.968618	
2010	260	1100	260.458333333		09/17/2010 11:00	20.3464	0.3148	13.34	47.6316	104.9458839	104.962034	0.225852	104.971466	
2010	260	1200	260.500000000		09/17/2010 12:00	19.8484	0.3078	13.33	47.6483	104.9408072	104.956957	0.220858	104.966472	
2010	260	1300	260.541666667		09/17/2010 13:00	21.1414	0.3259	13.31	47.6050	104.9539883	104.970138	0.233823	104.979437	
2010	260	1400	260.583333333		09/17/2010 14:00	20.0064	0.3101	13.29	47.6430	104.9424179	104.958568	0.222443	104.968057	
2010	260	1500	260.625000000		09/17/2010 15:00	19.6644	0.3053	13.29	47.6544	104.9389315	104.955081	0.219014	104.964628	
2010	260	1600	260.666666667		09/17/2010 16:00	19.7214	0.3061	13.29	47.6525	104.9395125	104.955662	0.219585	104.965199	
2010	260	1700	260.708333333		09/17/2010 17:00	19.6614	0.3052	13.31	47.6545	104.9389009	104.955051	0.218983	104.964597	
2010	260	1800	260.750000000		09/17/2010 18:00	19.6444	0.3050	13.12	47.6551	104.9387276	104.954877	0.218813	104.964427	
2010	260	1900	260.791666667		09/17/2010 19:00	19.6364	0.3049	13	47.6554	104.938646	104.954796	0.218733	104.964347	
2010	260	2000	260.833333333		09/17/2010 20:00	19.4584	0.3024	12.91	47.6613	104.9368315	104.952981	0.216948	104.962562	
2010	260	2100	260.875000000		09/17/2010 21:00	19.4714	0.3026	12.85	47.6609	104.936964	104.953114	0.217078	104.962692	
2010	260	2200	260.916666667		09/17/2010 22:00	19.2924	0.3001	12.79	47.6669	104.9351392	104.951289	0.215284	104.960898	
2010	260	2300	260.958333333		09/17/2010 23:00	20.4034	0.3156	12.77	47.6297	104.946465	104.962615	0.226423	104.972037	
2010	260	2400	261.000000000		09/18/2010 0:00	19.4414	0.3022	12.73	47.6619	104.9366582	104.952808	0.216778	104.962392	
2010	261	100	261.041666667		09/18/2010 1:00	19.5004	0.3030	12.73	47.6599	104.9372596	104.953409	0.217369	104.962983	
2010	261	200	261.083333333		09/18/2010 2:00	19.3944	0.3015	12.71	47.6635	104.936179	104.952329	0.216306	104.961920	
2010	261	300	261.125000000		09/18/2010 3:00	19.5114	0.3031	12.69	47.6595	104.9373718	104.953522	0.217479	104.963093	
2010	261	400	261.166666667		09/18/2010 4:00	19.4404	0.3021	12.68	47.6619	104.936648	104.952798	0.216768	104.962382	
2010	261	500	261.208333333		09/18/2010 5:00	19.5244	0.3033	12.67	47.6591	104.9375043	104.953654	0.217610	104.963224	
2010	261	600	261.250000000		09/18/2010 6:00	19.5004	0.3030	12.69	47.6599	104.9372596	104.953409	0.217369	104.962983	
2010	261	700	261.291666667		09/18/2010 7:00	19.4424	0.3022	13.52	47.6618	104.9366684	104.952818	0.216788	104.962402	
2010	261	800	261.333333333		09/18/2010 8:00	19.2534	0.2995	13.5	47.6682	104.9347416	104.950891	0.214893	104.960507	
2010	261	900	261.375000000		09/18/2010 9:00	19.2734	0.2998	13.46	47.6675	104.9349455	104.951095	0.215093	104.960707	
2010	261	1000	261.416666667		09/18/2010 10:00	18.9734	0.2956	13.43	47.6775	104.9318873	104.948037	0.212085	104.957699	
2010	261	1100	261.458333333		09/18/2010 11:00	19.7424	0.3064	13.4	47.6518	104.9397266	104.955876	0.219796	104.965410	
2010	261	1200	261.500000000		09/18/2010 12:00	20.2394	0.3133	13.38	47.6352	104.9447931	104.960943	0.224779	104.970393	
2010	261	1300	261.541666667		09/18/2010 13:00	19.9324	0.3090	13.35	47.6455	104.9416635	104.957813	0.221701	104.967315	
2010	261	1400	261.583333333		09/18/2010 14:00	18.7754	0.2928	13.34	47.6842	104.9298688	104.946019	0.210100	104.955714	
2010	261	1500	261.625000000		09/18/2010 15:00	19.1064	0.2975	13.35	47.6731	104.9332431	104.949393	0.213419	104.959033	
2010	261	1600	261.666666667		09/18/2010 16:00	19.0684	0.2969	13.36	47.6744	104.9328557	104.949006	0.213038	104.958652	
2010	261	1700	261.708333333		09/18/2010 17:00	18.9474	0.2953	13.3	47.6784	104.9316222	104.947772	0.211825	104.957439	
2010	261	1800	261.750000000		09/18/2010 18:00	19.0204	0.2963	13.14	47.6760	104.9323664	104.948516	0.212557	104.958171	
2010	261	1900	261.791666667		09/18/2010 19:00	18.7824	0.2929	13.03	47.6839	104.9299402	104.946090	0.210170	104.955784	
2010	261	2000	261.833333333		09/18/2010 20:00	18.7524	0.2925	12.96	47.6849	104.9296343	104.945784	0.209869	104.955483	
2010	261	2100	261.875000000		09/18/2010 21:00	18.7234	0.2921	12.88	47.6859	104.9293387	104.945489	0.209579	104.955193	
2010	261	2200	261.916666667		09/18/2010 22:00	18.5204	0.2893	12.83	47.6927	104.9272693	104.943419	0.207543	104.953157	
2010	261	2300	261.958333333		09/18/2010 23:00	18.5054	0.2891	12.78	47.6932	104.9271164	104.943266	0.207393	104.953007	
2010	261	2400	262.000000000		09/19/2010 0:00	18.2794	0.2859	12.75	47.7007	104.9248125	104.940962	0.205127	104.950741	
2010	262	100	262.041666667		09/19/2010 1:00	18.2954	0.2861	12.73	47.7002	104.9249756	104.941125	0.205287	104.950901	
2010	262	200	262.083333333		09/19/2010 2:00	18.0364	0.2825	12.73	47.7089	104.9223353	104.938485	0.202691	104.948305	
2010	262	300	262.125000000		09/19/2010 3:00	17.8354	0.2797	12.72	47.7156	104.9202862	104.936436	0.200675	104.946289	
2010	262	400	262.166666667		09/19/2010 4:00	17.7404	0.2784	12.71	47.7188	104.9193178	104.935468	0.199723	104.945337	
2010	262	500	262.208333333		09/19/2010 5:00	17.5874	0.2762	12.7	47.7239	104.9177581	104.933908	0.198189	104.943803	
2010	262	600	262.250000000		09/19/2010 6:00	17.5404	0.2756	12.69	47.7255	104.9172789	104.933429	0.197717	104.943331	
2010	262	700	262.291666667		09/19/2010 7:00	17.3384	0.2728	12.75	47.7322	104.9152197	104.931370	0.195692	104.941306	
2010	262	800	262.333333333		09/19/2010 8:00	17.3384	0.2728	13.48	47.7322	104.9152197	104.931370	0.195692	104.941306	
2010	262	900	262.375000000		09/19/2010 9:00	17.4924	0.2749	13.49	47.7271	104.9167896	104.932939	0.197236	104.942850	
2010	262	1000	262.416666667		09/19/2010 10:00	16.7934	0.2651	13.5	47.7504	104.9096639	104.925814	0.190228	104.935842	
2010	262	1100	262.458333333		09/19/2010 11:00	16.9934	0.2679	13.51	47.7438	104.9117027	104.927853	0.192233	104.937847	
2010	262	1200	262.500000000		09/19/2010 12:00	16.5814	0.2622	13.49	47.7575	104.9075027	104.923653	0.188102	104.933716	
2010	262	1300	262.541666667		09/19/2010 13:00	16.2164	0.2571	13.46	47.7697	104.9037818	104.919932	0.184443	104.930057	
2010	262	1400	262.583333333		09/19/2010 14:00	16.2014	0.2569	13.46	47.7702	104.9036289	104.919779	0.184292	104.929906	
2010	262	1500	262.625000000		09/19/2010 15:00	15.9214	0.2530	13.44	47.7796	104.9007745	104.916924	0.181485	104.927099	
2010	262	1600	262.666666667		09/19/2010 16:00	15.9684	0.2536	13.44	47.7780	104.9012536	104.917403	0.181956	104.927570	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	262	1700	262.708333333		09/19/2010 17:00	15.8034	0.2513	13.31	47.7836	104.8995716	104.915721	0.180302	104.925916	
2010	262	1800	262.750000000		09/19/2010 18:00	15.6014	0.2485	13.16	47.7903	104.8975124	104.913662	0.178276	104.923890	
2010	262	1900	262.791666667		09/19/2010 19:00	15.6044	0.2485	13.06	47.7902	104.8975429	104.913693	0.178306	104.923920	
2010	262	2000	262.833333333		09/19/2010 20:00	15.4924	0.2470	12.99	47.7940	104.8964012	104.912551	0.177183	104.922797	
2010	262	2100	262.875000000		09/19/2010 21:00	15.3974	0.2456	12.91	47.7971	104.8954327	104.911583	0.176231	104.921845	
2010	262	2200	262.916666667		09/19/2010 22:00	15.2084	0.2430	12.86	47.8035	104.893506	104.909656	0.174336	104.919950	
2010	262	2300	262.958333333		09/19/2010 23:00	15.2084	0.2430	12.8	47.8035	104.893506	104.909656	0.174336	104.919950	
2010	262	2400	263.000000000		09/20/2010 0:00	15.0484	0.2408	12.76	47.8088	104.891875	104.908025	0.172732	104.918346	
2010	263	100	263.041666667		09/20/2010 1:00	14.9114	0.2388	12.74	47.8134	104.8904783	104.906628	0.171358	104.916972	
2010	263	200	263.083333333		09/20/2010 2:00	14.9484	0.2394	12.73	47.8122	104.8908555	104.907005	0.171729	104.917343	
2010	263	300	263.125000000		09/20/2010 3:00	14.8654	0.2382	12.72	47.8149	104.8900094	104.906159	0.170897	104.916511	
2010	263	400	263.166666667		09/20/2010 4:00	14.7154	0.2361	12.71	47.8199	104.8884803	104.904630	0.169393	104.915007	
2010	263	500	263.208333333		09/20/2010 5:00	14.6614	0.2354	12.71	47.8218	104.8879298	104.904080	0.168851	104.914465	
2010	263	600	263.250000000		09/20/2010 6:00	14.4654	0.2326	12.82	47.8283	104.8859317	104.902082	0.166886	104.912500	
2010	263	700	263.291666667		09/20/2010 7:00	14.8664	0.2382	13.5	47.8149	104.8900196	104.906169	0.170907	104.916521	
2010	263	800	263.333333333		09/20/2010 8:00	14.6284	0.2349	13.48	47.8229	104.8875934	104.903743	0.168521	104.914135	
2010	263	900	263.375000000		09/20/2010 9:00	14.5084	0.2332	13.45	47.8269	104.8863701	104.902520	0.167317	104.912931	
2010	263	1000	263.416666667		09/20/2010 10:00	13.4994	0.2191	13.43	47.8606	104.8760841	104.892234	0.157201	104.902815	
2010	263	1100	263.458333333		09/20/2010 11:00	14.3984	0.2317	13.41	47.8305	104.8852487	104.901399	0.166215	104.911829	
2010	263	1200	263.500000000		09/20/2010 12:00	13.4224	0.2180	13.39	47.8632	104.8752992	104.891449	0.156429	104.902043	
2010	263	1300	263.541666667		09/20/2010 13:00	15.1444	0.2421	13.36	47.8056	104.8928536	104.909003	0.173694	104.919308	
2010	263	1400	263.583333333		09/20/2010 14:00	14.6144	0.2347	13.34	47.8233	104.8874507	104.903600	0.168380	104.913994	
2010	263	1500	263.625000000		09/20/2010 15:00	14.3904	0.2316	13.34	47.8308	104.8851672	104.901317	0.166134	104.911748	
2010	263	1600	263.666666667		09/20/2010 16:00	14.4144	0.2319	13.35	47.8300	104.8854118	104.901562	0.166375	104.911989	
2010	263	1700	263.708333333		09/20/2010 17:00	14.1384	0.2280	13.38	47.8392	104.8825982	104.898748	0.163608	104.909222	
2010	263	1800	263.750000000		09/20/2010 18:00	14.0294	0.2265	13.24	47.8429	104.881487	104.897637	0.162515	104.908129	
2010	263	1900	263.791666667		09/20/2010 19:00	13.9514	0.2254	13.1	47.8455	104.8806919	104.896842	0.161733	104.907347	
2010	263	2000	263.833333333		09/20/2010 20:00	13.9314	0.2252	13.01	47.8462	104.880488	104.896638	0.161532	104.907146	
2010	263	2100	263.875000000		09/20/2010 21:00	13.7304	0.2223	12.95	47.8529	104.878439	104.894589	0.159517	104.905131	
2010	263	2200	263.916666667		09/20/2010 22:00	13.6934	0.2218	12.88	47.8541	104.8780618	104.894212	0.159146	104.904760	
2010	263	2300	263.958333333		09/20/2010 23:00	13.5514	0.2198	12.83	47.8589	104.8766142	104.892764	0.157722	104.903336	
2010	263	2400	264.000000000		09/21/2010 0:00	13.4014	0.2177	12.78	47.8639	104.8750851	104.891235	0.156218	104.901832	
2010	264	100	264.041666667		09/21/2010 1:00	13.3114	0.2165	12.74	47.8669	104.8741676	104.890317	0.155316	104.900930	
2010	264	200	264.083333333		09/21/2010 2:00	13.3124	0.2165	12.71	47.8669	104.8741778	104.890328	0.155326	104.900940	
2010	264	300	264.125000000		09/21/2010 3:00	13.2634	0.2158	12.69	47.8685	104.8736783	104.889828	0.154835	104.900449	
2010	264	400	264.166666667		09/21/2010 4:00	13.1414	0.2141	12.68	47.8726	104.8724346	104.888584	0.153611	104.899225	
2010	264	500	264.208333333		09/21/2010 5:00	13.1324	0.2140	12.67	47.8729	104.8723428	104.888493	0.153521	104.899135	
2010	264	600	264.250000000		09/21/2010 6:00	12.9064	0.2108	12.7	47.8804	104.8700389	104.886189	0.151255	104.896869	
2010	264	700	264.291666667		09/21/2010 7:00	12.2264	0.2013	13.65	47.9032	104.8631069	104.879257	0.144437	104.890051	
2010	264	800	264.333333333		09/21/2010 8:00	12.5454	0.2058	13.58	47.8925	104.8663588	104.882509	0.147636	104.893250	
2010	264	900	264.375000000		09/21/2010 9:00	12.4314	0.2042	13.5	47.8963	104.8651967	104.881347	0.146493	104.892107	
2010	264	1000	264.416666667		09/21/2010 10:00	12.4114	0.2039	13.44	47.8970	104.8649928	104.881143	0.146292	104.891906	
2010	264	1100	264.458333333		09/21/2010 11:00	15.2034	0.2429	13.41	47.8036	104.8934551	104.909605	0.174286	104.919900	
2010	264	1200	264.500000000		09/21/2010 12:00	12.6364	0.2071	13.42	47.8895	104.8672865	104.883436	0.148548	104.894162	
2010	264	1300	264.541666667		09/21/2010 13:00	12.4254	0.2041	13.4	47.8965	104.8651355	104.881285	0.146432	104.892046	
2010	264	1400	264.583333333		09/21/2010 14:00	11.5984	0.1925	13.36	47.9242	104.8567049	104.872855	0.138141	104.883755	
2010	264	1500	264.625000000		09/21/2010 15:00	11.1624	0.1865	13.36	47.9388	104.8522602	104.868410	0.133769	104.879383	
2010	264	1600	264.666666667		09/21/2010 16:00	11.9294	0.1972	13.37	47.9131	104.8600792	104.876229	0.141459	104.887073	
2010	264	1700	264.708333333		09/21/2010 17:00	11.5064	0.1913	13.4	47.9273	104.855767	104.871917	0.137218	104.882832	
2010	264	1800	264.750000000		09/21/2010 18:00	11.7874	0.1952	13.25	47.9179	104.8586316	104.874781	0.140036	104.885650	
2010	264	1900	264.791666667		09/21/2010 19:00	11.6834	0.1937	13.12	47.9214	104.8575714	104.873721	0.138993	104.884607	
2010	264	2000	264.833333333		09/21/2010 20:00	11.7294	0.1944	13.04	47.9198	104.8580403	104.874190	0.139454	104.885068	
2010	264	2100	264.875000000		09/21/2010 21:00	11.8814	0.1965	12.97	47.9147	104.8595899	104.875740	0.140978	104.886592	
2010	264	2200	264.916666667		09/21/2010 22:00	11.8444	0.1960	12.9	47.9160	104.8592127	104.875363	0.140607	104.886221	
2010	264	2300	264.958333333		09/21/2010 23:00	11.4884	0.1910	12.84	47.9279	104.8555835	104.871733	0.137038	104.882652	
2010	264	2400	265.000000000		09/22/2010 0:00	11.7114	0.1941	12.78	47.9204	104.8578568	104.874007	0.139274	104.884888	
2010	265	100	265.041666667		09/22/2010 1:00	11.6024	0.1926	12.74	47.9241	104.8567457	104.872896	0.138181	104.883795	
2010	265	200	265.083333333		09/22/2010 2:00	11.6154	0.1928	12.7	47.9236	104.8568782	104.873028	0.138311	104.883925	
2010	265	300	265.125000000		09/22/2010 3:00	11.9484	0.1974	12.68	47.9125	104.8602729	104.876423	0.141650	104.887264	
2010	265	400	265.166666667		09/22/2010 4:00	11.8164	0.1956	12.66	47.9169	104.8589272	104.875077	0.140326	104.885940	
2010	265	500	265.208333333		09/22/2010 5:00	11.9354	0.1973	12.65	47.9129	104.8601403	104.876290	0.141520	104.887134	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	265	600	265.250000000		09/22/2010 6:00	11.9824	0.1979	12.67	47.9114	104.8606195	104.876769	0.141991	104.887605	
2010	265	700	265.291666667		09/22/2010 7:00	11.3074	0.1885	13.69	47.9339	104.8537384	104.869888	0.135223	104.880837	
2010	265	800	265.333333333		09/22/2010 8:00	11.6954	0.1939	13.6	47.9210	104.8576937	104.873844	0.139113	104.884727	
2010	265	900	265.375000000		09/22/2010 9:00	11.1004	0.1856	13.54	47.9409	104.8516282	104.867778	0.133147	104.878761	
2010	265	1000	265.416666667		09/22/2010 10:00	12.1754	0.2006	13.48	47.9049	104.862587	104.878737	0.143926	104.889540	
2010	265	1100	265.458333333		09/22/2010 11:00	11.4054	0.1898	13.44	47.9307	104.8547374	104.870887	0.136206	104.881820	
2010	265	1200	265.500000000		09/22/2010 12:00	11.4034	0.1898	13.42	47.9307	104.854717	104.870867	0.136185	104.881799	
2010	265	1300	265.541666667		09/22/2010 13:00	10.5694	0.1782	13.39	47.9586	104.846215	104.862365	0.127823	104.873437	
2010	265	1400	265.583333333		09/22/2010 14:00	12.9234	0.2111	13.36	47.8799	104.8702122	104.886362	0.151426	104.897040	
2010	265	1500	265.625000000		09/22/2010 15:00	11.6954	0.1939	13.34	47.9210	104.8576937	104.873844	0.139113	104.884727	
2010	265	1600	265.666666667		09/22/2010 16:00	10.5234	0.1775	13.37	47.9602	104.8457461	104.861896	0.127362	104.872976	
2010	265	1700	265.708333333		09/22/2010 17:00	10.7664	0.1809	13.39	47.9520	104.8482233	104.864373	0.129799	104.875413	
2010	265	1800	265.750000000		09/22/2010 18:00	11.4594	0.1906	13.22	47.9288	104.8552879	104.871438	0.136747	104.882361	
2010	265	1900	265.791666667		09/22/2010 19:00	11.2344	0.1875	13.1	47.9364	104.8529942	104.869144	0.134491	104.880105	
2010	265	2000	265.833333333		09/22/2010 20:00	11.1524	0.1863	13.01	47.9391	104.8521583	104.868308	0.133669	104.879283	
2010	265	2100	265.875000000		09/22/2010 21:00	11.1374	0.1861	12.94	47.9396	104.8520054	104.868155	0.133518	104.879132	
2010	265	2200	265.916666667		09/22/2010 22:00	10.8774	0.1825	12.88	47.9483	104.8493549	104.865505	0.130912	104.876526	
2010	265	2300	265.958333333		09/22/2010 23:00	11.1714	0.1866	12.83	47.9385	104.852352	104.868502	0.133859	104.879473	
2010	265	2400	266.000000000		09/23/2010 0:00	10.9984	0.1842	12.77	47.9443	104.8505884	104.866738	0.132125	104.877739	
2010	266	100	266.041666667		09/23/2010 1:00	11.0884	0.1854	12.73	47.9413	104.8515058	104.867656	0.133027	104.878641	
2010	266	200	266.083333333		09/23/2010 2:00	10.9564	0.1836	12.7	47.9457	104.8501602	104.866310	0.131704	104.877318	
2010	266	300	266.125000000		09/23/2010 3:00	11.0744	0.1852	12.68	47.9417	104.8513631	104.867513	0.132887	104.878501	
2010	266	400	266.166666667		09/23/2010 4:00	10.9084	0.1829	12.67	47.9473	104.8496709	104.865821	0.131222	104.876836	
2010	266	500	266.208333333		09/23/2010 5:00	10.7544	0.1808	12.65	47.9524	104.848101	104.864251	0.129678	104.875292	
2010	266	600	266.250000000		09/23/2010 6:00	10.6354	0.1791	12.76	47.9564	104.8468879	104.863038	0.128485	104.874099	
2010	266	700	266.291666667		09/23/2010 7:00	10.4724	0.1768	13.63	47.9619	104.8452262	104.861376	0.126851	104.872465	
2010	266	800	266.333333333		09/23/2010 8:00	10.2574	0.1738	13.57	47.9690	104.8430344	104.859184	0.124695	104.870309	
2010	266	900	266.375000000		09/23/2010 9:00	10.6104	0.1787	13.5	47.9572	104.846633	104.862783	0.128235	104.873849	
2010	266	1000	266.416666667		09/23/2010 10:00	10.6614	0.1795	13.48	47.9555	104.8471529	104.863303	0.128746	104.874360	
2010	266	1100	266.458333333		09/23/2010 11:00	10.4694	0.1768	13.46	47.9620	104.8451956	104.861345	0.126821	104.872435	
2010	266	1200	266.500000000		09/23/2010 12:00	10.4634	0.1767	13.45	47.9622	104.8451345	104.861284	0.126761	104.872375	
2010	266	1300	266.541666667		09/23/2010 13:00	10.1684	0.1726	13.49	47.9720	104.8421272	104.858277	0.123803	104.869417	
2010	266	1400	266.583333333		09/23/2010 14:00	10.8224	0.1817	13.49	47.9502	104.8487942	104.864944	0.130360	104.875974	
2010	266	1500	266.625000000		09/23/2010 15:00	10.1204	0.1719	13.54	47.9736	104.8416378	104.857788	0.123322	104.868936	
2010	266	1600	266.666666667		09/23/2010 16:00	10.0864	0.1714	13.49	47.9748	104.8412912	104.857441	0.122981	104.868595	
2010	266	1700	266.708333333		09/23/2010 17:00	9.9914	0.1701	13.39	47.9779	104.8403228	104.856473	0.122028	104.867642	
2010	266	1800	266.750000000		09/23/2010 18:00	9.9694	0.1698	13.27	47.9787	104.8400985	104.856248	0.121808	104.867422	
2010	266	1900	266.791666667		09/23/2010 19:00	9.7874	0.1672	13.16	47.9848	104.8382432	104.854393	0.119983	104.865597	
2010	266	2000	266.833333333		09/23/2010 20:00	9.8464	0.1681	13.08	47.9828	104.8388446	104.854994	0.120574	104.866188	
2010	266	2100	266.875000000		09/23/2010 21:00	9.7474	0.1667	13.01	47.9861	104.8378354	104.853985	0.119582	104.865196	
2010	266	2200	266.916666667		09/23/2010 22:00	9.5864	0.1644	12.94	47.9915	104.8361941	104.852344	0.117968	104.863582	
2010	266	2300	266.958333333		09/23/2010 23:00	9.6574	0.1654	12.88	47.9891	104.8369179	104.853068	0.118679	104.864293	
2010	266	2400	267.000000000		09/24/2010 0:00	9.6804	0.1657	12.83	47.9883	104.8371524	104.853302	0.118910	104.864524	
2010	267	100	267.041666667		09/24/2010 1:00	9.7764	0.1671	12.79	47.9851	104.838131	104.854281	0.119873	104.865487	
2010	267	200	267.083333333		09/24/2010 2:00	9.9524	0.1695	12.75	47.9792	104.8399252	104.856075	0.121637	104.867251	
2010	267	300	267.125000000		09/24/2010 3:00	9.9114	0.1690	12.71	47.9806	104.8395072	104.855657	0.121226	104.866840	
2010	267	400	267.166666667		09/24/2010 4:00	10.0584	0.1710	12.69	47.9757	104.8410058	104.857156	0.122700	104.868314	
2010	267	500	267.208333333		09/24/2010 5:00	10.2114	0.1732	12.67	47.9706	104.8425655	104.858715	0.124234	104.869848	
2010	267	600	267.250000000		09/24/2010 6:00	10.1874	0.1728	12.7	47.9714	104.8423209	104.858471	0.123993	104.869607	
2010	267	700	267.291666667		09/24/2010 7:00	10.3174	0.1746	13.61	47.9670	104.8436461	104.859796	0.125297	104.870911	
2010	267	800	267.333333333		09/24/2010 8:00	10.0844	0.1714	13.6	47.9748	104.8412708	104.857421	0.122961	104.868575	
2010	267	900	267.375000000		09/24/2010 9:00	11.3834	0.1895	13.52	47.9314	104.8545131	104.870663	0.135985	104.881599	
2010	267	1000	267.416666667		09/24/2010 10:00	10.8054	0.1815	13.46	47.9507	104.8486209	104.864771	0.130190	104.875804	
2010	267	1100	267.458333333		09/24/2010 11:00	10.9464	0.1834	13.41	47.9460	104.8500583	104.866208	0.131603	104.877217	
2010	267	1200	267.500000000		09/24/2010 12:00	11.8934	0.1967	13.38	47.9143	104.8597122	104.875862	0.141098	104.886712	
2010	267	1300	267.541666667		09/24/2010 13:00	11.0314	0.1846	13.37	47.9432	104.8509248	104.867075	0.132456	104.878070	
2010	267	1400	267.583333333		09/24/2010 14:00	12.0254	0.1985	13.34	47.9099	104.8610578	104.877208	0.142422	104.888036	
2010	267	1500	267.625000000		09/24/2010 15:00	11.1254	0.1859	13.37	47.9400	104.851883	104.868033	0.133398	104.879012	
2010	267	1600	267.666666667		09/24/2010 16:00	12.2844	0.2021	13.36	47.9013	104.8636981	104.879848	0.145019	104.890633	
2010	267	1700	267.708333333		09/24/2010 17:00	11.6454	0.1932	13.37	47.9226	104.857184	104.873334	0.138612	104.884226	
2010	267	1800	267.750000000		09/24/2010 18:00	11.9244	0.1971	13.23	47.9133	104.8600282	104.876178	0.141409	104.887023	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	267	1900	267.791666667		09/24/2010 19:00	11.8974	0.1967	13.09	47.9142	104.859753	104.875903	0.141139	104.886753	
2010	267	2000	267.833333333		09/24/2010 20:00	11.8124	0.1955	13.01	47.9170	104.8588865	104.875036	0.140286	104.885900	
2010	267	2100	267.875000000		09/24/2010 21:00	12.1584	0.2004	12.94	47.9055	104.8624137	104.878563	0.143755	104.889369	
2010	267	2200	267.916666667		09/24/2010 22:00	12.2964	0.2023	12.88	47.9009	104.8638205	104.879970	0.145139	104.890753	
2010	267	2300	267.958333333		09/24/2010 23:00	12.5074	0.2053	12.81	47.8938	104.8659714	104.882121	0.147255	104.892869	
2010	267	2400	268.000000000		09/25/2010 0:00	12.7564	0.2087	12.77	47.8855	104.8685098	104.884660	0.149751	104.895365	
2010	268	100	268.041666667		09/25/2010 1:00	12.8494	0.2100	12.72	47.8824	104.8694579	104.885608	0.150684	104.896298	
2010	268	200	268.083333333		09/25/2010 2:00	13.1484	0.2142	12.69	47.8724	104.8725059	104.888656	0.153682	104.899296	
2010	268	300	268.125000000		09/25/2010 3:00	13.3564	0.2171	12.67	47.8654	104.8746263	104.890776	0.155767	104.901381	
2010	268	400	268.166666667		09/25/2010 4:00	13.5914	0.2204	12.65	47.8575	104.877022	104.893172	0.158123	104.903737	
2010	268	500	268.208333333		09/25/2010 5:00	13.7224	0.2222	12.62	47.8532	104.8783574	104.894507	0.159437	104.905051	
2010	268	600	268.250000000		09/25/2010 6:00	13.6394	0.2211	12.66	47.8559	104.8775113	104.893661	0.158605	104.904219	
2010	268	700	268.291666667		09/25/2010 7:00	13.8494	0.2240	13.63	47.8489	104.8796521	104.895802	0.160710	104.906324	
2010	268	800	268.333333333		09/25/2010 8:00	13.8644	0.2242	13.56	47.8484	104.879805	104.895955	0.160860	104.906474	
2010	268	900	268.375000000		09/25/2010 9:00	14.1464	0.2282	13.49	47.8390	104.8826798	104.898830	0.163688	104.909302	
2010	268	1000	268.416666667		09/25/2010 10:00	13.5804	0.2202	13.44	47.8579	104.8769098	104.893060	0.158013	104.903627	
2010	268	1100	268.458333333		09/25/2010 11:00	13.9084	0.2248	13.39	47.8469	104.8802535	104.896403	0.161302	104.906916	
2010	268	1200	268.500000000		09/25/2010 12:00	14.2474	0.2296	13.36	47.8356	104.8837094	104.899859	0.164701	104.910315	
2010	268	1300	268.541666667		09/25/2010 13:00	14.7704	0.2369	13.33	47.8181	104.889041	104.905191	0.169944	104.915558	
2010	268	1400	268.583333333		09/25/2010 14:00	15.0544	0.2408	13.3	47.8086	104.8919361	104.908086	0.172792	104.918406	
2010	268	1500	268.625000000		09/25/2010 15:00	14.7124	0.2361	13.28	47.8200	104.8884497	104.904600	0.169363	104.914977	
2010	268	1600	268.666666667		09/25/2010 16:00	15.2204	0.2432	13.29	47.8031	104.8936284	104.909778	0.174456	104.920070	
2010	268	1700	268.708333333		09/25/2010 17:00	15.5264	0.2474	13.31	47.7928	104.8967478	104.912898	0.177524	104.923138	
2010	268	1800	268.750000000		09/25/2010 18:00	15.6554	0.2492	13.16	47.7885	104.8980628	104.914213	0.178818	104.924432	
2010	268	1900	268.791666667		09/25/2010 19:00	15.1434	0.2421	13.04	47.8056	104.8928434	104.908993	0.173684	104.919298	
2010	268	2000	268.833333333		09/25/2010 20:00	15.4984	0.2471	12.95	47.7938	104.8964624	104.912612	0.177244	104.922858	
2010	268	2100	268.875000000		09/25/2010 21:00	15.9914	0.2539	12.88	47.7773	104.9014881	104.917638	0.182187	104.927801	
2010	268	2200	268.916666667		09/25/2010 22:00	15.5364	0.2476	12.82	47.7925	104.8968497	104.913000	0.177625	104.923239	
2010	268	2300	268.958333333		09/25/2010 23:00	15.5464	0.2477	12.78	47.7922	104.8969517	104.913102	0.177725	104.923339	
2010	268	2400	269.000000000		09/26/2010 0:00	15.4924	0.2470	12.73	47.7940	104.8964012	104.912551	0.177183	104.922797	
2010	269	100	269.041666667		09/26/2010 1:00	15.7484	0.2505	12.71	47.7854	104.8990109	104.915161	0.179750	104.925364	
2010	269	200	269.083333333		09/26/2010 2:00	15.7274	0.2503	12.7	47.7861	104.8987968	104.914947	0.179540	104.925154	
2010	269	300	269.125000000		09/26/2010 3:00	15.8954	0.2526	12.68	47.7805	104.9005095	104.916659	0.181224	104.926838	
2010	269	400	269.166666667		09/26/2010 4:00	16.0484	0.2547	12.67	47.7754	104.9020692	104.918219	0.182758	104.928372	
2010	269	500	269.208333333		09/26/2010 5:00	15.9174	0.2529	12.66	47.7797	104.9007337	104.916884	0.181445	104.927059	
2010	269	600	269.250000000		09/26/2010 6:00	15.9074	0.2528	12.67	47.7801	104.9006318	104.916782	0.181344	104.926958	
2010	269	700	269.291666667		09/26/2010 7:00	16.1804	0.2566	12.89	47.7709	104.9034148	104.919565	0.184082	104.929696	
2010	269	800	269.333333333		09/26/2010 8:00	16.1264	0.2558	13.46	47.7728	104.9028643	104.919014	0.183540	104.929154	
2010	269	900	269.375000000		09/26/2010 9:00	16.3004	0.2583	13.43	47.7669	104.9046381	104.920788	0.185285	104.930899	
2010	269	1000	269.416666667		09/26/2010 10:00	16.3674	0.2592	13.39	47.7647	104.9053211	104.921471	0.185957	104.931571	
2010	269	1100	269.458333333		09/26/2010 11:00	15.9604	0.2535	13.34	47.7783	104.9011721	104.917322	0.181876	104.927490	
2010	269	1200	269.500000000		09/26/2010 12:00	16.9824	0.2678	13.29	47.7441	104.9115906	104.927740	0.192123	104.937737	
2010	269	1300	269.541666667		09/26/2010 13:00	16.6614	0.2633	13.29	47.7549	104.9083182	104.924468	0.188904	104.934518	
2010	269	1400	269.583333333		09/26/2010 14:00	16.8514	0.2660	13.28	47.7485	104.9102551	104.926405	0.190809	104.936423	
2010	269	1500	269.625000000		09/26/2010 15:00	16.6494	0.2631	13.29	47.7553	104.9081959	104.924346	0.188784	104.934398	
2010	269	1600	269.666666667		09/26/2010 16:00	16.8144	0.2654	13.29	47.7497	104.9098779	104.926028	0.190438	104.936052	
2010	269	1700	269.708333333		09/26/2010 17:00	16.9074	0.2667	13.29	47.7466	104.910826	104.926976	0.191371	104.936985	
2010	269	1800	269.750000000		09/26/2010 18:00	16.7654	0.2648	13.08	47.7514	104.9093784	104.925528	0.189947	104.935561	
2010	269	1900	269.791666667		09/26/2010 19:00	16.8694	0.2662	12.97	47.7479	104.9104386	104.926588	0.190990	104.936604	
2010	269	2000	269.833333333		09/26/2010 20:00	16.6324	0.2629	12.9	47.7558	104.9080226	104.924172	0.188613	104.934228	
2010	269	2100	269.875000000		09/26/2010 21:00	16.7054	0.2639	12.83	47.7534	104.9087668	104.924917	0.189345	104.934959	
2010	269	2200	269.916666667		09/26/2010 22:00	16.6094	0.2626	12.79	47.7566	104.9077881	104.923938	0.188383	104.933997	
2010	269	2300	269.958333333		09/26/2010 23:00	16.5614	0.2619	12.75	47.7582	104.9072988	104.923449	0.187902	104.933516	
2010	269	2400	270.000000000		09/27/2010 0:00	16.3124	0.2584	12.73	47.7665	104.9047604	104.920910	0.185405	104.931019	
2010	270	100	270.041666667		09/27/2010 1:00	16.1914	0.2567	12.72	47.7706	104.9035269	104.919677	0.184192	104.929806	
2010	270	200	270.083333333		09/27/2010 2:00	16.2524	0.2576	12.71	47.7685	104.9041488	104.920299	0.184803	104.930417	
2010	270	300	270.125000000		09/27/2010 3:00	16.2044	0.2569	12.7	47.7701	104.9036595	104.919809	0.184322	104.929936	
2010	270	400	270.166666667		09/27/2010 4:00	16.0194	0.2543	12.69	47.7763	104.9017735	104.917923	0.182467	104.928081	
2010	270	500	270.208333333		09/27/2010 5:00	15.7424	0.2505	12.67	47.7856	104.8989497	104.915100	0.179690	104.925304	
2010	270	600	270.250000000		09/27/2010 6:00	15.5414	0.2477	12.68	47.7923	104.8969007	104.913051	0.177675	104.923289	
2010	270	700	270.291666667		09/27/2010 7:00	15.1994	0.2429	13.48	47.8038	104.8934143	104.909564	0.174246	104.919860	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	270	800	270.333333333		09/27/2010 8:00	15.4504	0.2464	13.42	47.7954	104.895973	104.912123	0.176762	104.922376	
2010	270	900	270.375000000		09/27/2010 9:00	14.9104	0.2388	13.37	47.8134	104.8904681	104.906618	0.171348	104.916962	
2010	270	1000	270.416666667		09/27/2010 10:00	15.4414	0.2463	13.33	47.7957	104.8958813	104.912031	0.176672	104.922286	
2010	270	1100	270.458333333		09/27/2010 11:00	14.8424	0.2379	13.29	47.8157	104.8897749	104.905925	0.170666	104.916280	
2010	270	1200	270.500000000		09/27/2010 12:00	15.1154	0.2417	13.26	47.8066	104.892558	104.908708	0.173403	104.919017	
2010	270	1300	270.541666667		09/27/2010 13:00	13.9464	0.2254	13.25	47.8457	104.8806409	104.896791	0.161683	104.907297	
2010	270	1400	270.583333333		09/27/2010 14:00	15.2594	0.2437	13.23	47.8018	104.8940259	104.910176	0.174847	104.920461	
2010	270	1500	270.625000000		09/27/2010 15:00	15.4644	0.2466	13.21	47.7949	104.8961157	104.912266	0.176903	104.922517	
2010	270	1600	270.666666667		09/27/2010 16:00	14.2774	0.2300	13.22	47.8346	104.8840152	104.900165	0.165001	104.910615	
2010	270	1700	270.708333333		09/27/2010 17:00	14.4194	0.2320	13.24	47.8298	104.8854628	104.901613	0.166425	104.912039	
2010	270	1800	270.750000000		09/27/2010 18:00	14.2134	0.2291	13.06	47.8367	104.8833628	104.899513	0.164360	104.909974	
2010	270	1900	270.791666667		09/27/2010 19:00	14.1174	0.2278	12.95	47.8399	104.8823841	104.898534	0.163397	104.909011	
2010	270	2000	270.833333333		09/27/2010 20:00	14.1044	0.2276	12.87	47.8404	104.8822516	104.898401	0.163267	104.908881	
2010	270	2100	270.875000000		09/27/2010 21:00	14.1264	0.2279	12.81	47.8396	104.8824759	104.898626	0.163487	104.909101	
2010	270	2200	270.916666667		09/27/2010 22:00	14.2204	0.2292	12.77	47.8365	104.8834341	104.899584	0.164430	104.910044	
2010	270	2300	270.958333333		09/27/2010 23:00	14.3234	0.2306	12.73	47.8331	104.8844841	104.900634	0.165463	104.911077	
2010	270	2400	271.000000000		09/28/2010 0:00	14.2884	0.2301	12.71	47.8342	104.8841273	104.900277	0.165112	104.910726	
2010	271	100	271.041666667		09/28/2010 1:00	14.4284	0.2321	12.71	47.8295	104.8855545	104.901704	0.166515	104.912129	
2010	271	200	271.083333333		09/28/2010 2:00	14.5484	0.2338	12.71	47.8255	104.8867778	104.902928	0.167718	104.913332	
2010	271	300	271.125000000		09/28/2010 3:00	14.8784	0.2384	12.69	47.8145	104.8901419	104.906292	0.171027	104.916641	
2010	271	400	271.166666667		09/28/2010 4:00	15.0284	0.2405	12.67	47.8095	104.8916711	104.907821	0.172531	104.918145	
2010	271	500	271.208333333		09/28/2010 5:00	15.1004	0.2415	12.67	47.8071	104.8924051	104.908555	0.173253	104.918867	
2010	271	600	271.250000000		09/28/2010 6:00	15.0534	0.2408	12.67	47.8086	104.8919259	104.908076	0.172782	104.918396	
2010	271	700	271.291666667		09/28/2010 7:00	15.2804	0.2440	13.48	47.8010	104.89424	104.910390	0.175058	104.920672	
2010	271	800	271.333333333		09/28/2010 8:00	15.1304	0.2419	13.43	47.8061	104.8927109	104.908861	0.173554	104.919168	
2010	271	900	271.375000000		09/28/2010 9:00	15.2304	0.2433	13.37	47.8027	104.8937303	104.909880	0.174556	104.920170	
2010	271	1000	271.416666667		09/28/2010 10:00	15.4044	0.2457	13.33	47.7969	104.8955041	104.911654	0.176301	104.921915	
2010	271	1100	271.458333333		09/28/2010 11:00	15.6084	0.2486	13.28	47.7901	104.8975837	104.913734	0.178346	104.923960	
2010	271	1200	271.500000000		09/28/2010 12:00	15.2464	0.2435	13.25	47.8022	104.8938934	104.910043	0.174717	104.920331	
2010	271	1300	271.541666667		09/28/2010 13:00	14.9164	0.2389	13.23	47.8132	104.8905293	104.906679	0.171408	104.917022	
2010	271	1400	271.583333333		09/28/2010 14:00	15.1894	0.2427	13.21	47.8041	104.8933123	104.909462	0.174145	104.919759	
2010	271	1500	271.625000000		09/28/2010 15:00	16.0284	0.2545	13.2	47.7760	104.9018653	104.918015	0.182558	104.928172	
2010	271	1600	271.666666667		09/28/2010 16:00	16.1814	0.2566	13.21	47.7709	104.903425	104.919575	0.184092	104.929706	
2010	271	1700	271.708333333		09/28/2010 17:00	15.6724	0.2495	13.23	47.7879	104.8982361	104.914386	0.178988	104.924602	
2010	271	1800	271.750000000		09/28/2010 18:00	15.4904	0.2469	13.05	47.7940	104.8963808	104.912531	0.177163	104.922777	
2010	271	1900	271.791666667		09/28/2010 19:00	15.5354	0.2476	12.93	47.7925	104.8968395	104.912989	0.177615	104.923229	
2010	271	2000	271.833333333		09/28/2010 20:00	15.3694	0.2452	12.86	47.7981	104.8951473	104.911297	0.175950	104.921564	
2010	271	2100	271.875000000		09/28/2010 21:00	15.5674	0.2480	12.8	47.7915	104.8971658	104.913316	0.177935	104.923549	
2010	271	2200	271.916666667		09/28/2010 22:00	15.3894	0.2455	12.76	47.7974	104.8953512	104.911501	0.176151	104.921765	
2010	271	2300	271.958333333		09/28/2010 23:00	15.5074	0.2472	12.73	47.7935	104.8965541	104.912704	0.177334	104.922948	
2010	271	2400	272.000000000		09/29/2010 0:00	15.3064	0.2444	12.72	47.8002	104.8945051	104.910655	0.175319	104.920933	
2010	272	100	272.041666667		09/29/2010 1:00	15.8134	0.2515	12.72	47.7832	104.8996735	104.915823	0.180402	104.926016	
2010	272	200	272.083333333		09/29/2010 2:00	16.1184	0.2557	12.71	47.7730	104.9027828	104.918933	0.183460	104.929074	
2010	272	300	272.125000000		09/29/2010 3:00	15.8714	0.2523	12.68	47.7813	104.9002648	104.916415	0.180983	104.926597	
2010	272	400	272.166666667		09/29/2010 4:00	15.7854	0.2511	12.67	47.7842	104.8993881	104.915538	0.180121	104.925735	
2010	272	500	272.208333333		09/29/2010 5:00	16.1144	0.2557	12.65	47.7732	104.902742	104.918892	0.183420	104.929034	
2010	272	600	272.250000000		09/29/2010 6:00	15.8084	0.2514	12.65	47.7834	104.8996226	104.915772	0.180352	104.925966	
2010	272	700	272.291666667		09/29/2010 7:00	15.9164	0.2529	13.57	47.7798	104.9007235	104.916873	0.181435	104.927049	
2010	272	800	272.333333333		09/29/2010 8:00	15.7904	0.2511	13.49	47.7840	104.8994391	104.915589	0.180171	104.925785	
2010	272	900	272.375000000		09/29/2010 9:00	16.0534	0.2548	13.43	47.7752	104.9021201	104.918270	0.182808	104.928422	
2010	272	1000	272.416666667		09/29/2010 10:00	16.4224	0.2600	13.38	47.7629	104.9058818	104.922032	0.186508	104.932122	
2010	272	1100	272.458333333		09/29/2010 11:00	16.8344	0.2657	13.33	47.7491	104.9100818	104.926232	0.190639	104.936253	
2010	272	1200	272.500000000		09/29/2010 12:00	16.6844	0.2636	13.31	47.7541	104.9085527	104.924703	0.189135	104.934749	
2010	272	1300	272.541666667		09/29/2010 13:00	17.2054	0.2709	13.29	47.7367	104.9138639	104.930014	0.194359	104.939973	
2010	272	1400	272.583333333		09/29/2010 14:00	17.3974	0.2736	13.27	47.7302	104.9158212	104.931971	0.196284	104.941898	
2010	272	1500	272.625000000		09/29/2010 15:00	16.5684	0.2620	13.27	47.7580	104.9073702	104.923520	0.187972	104.933586	
2010	272	1600	272.666666667		09/29/2010 16:00	17.1164	0.2697	13.27	47.7396	104.9129566	104.929106	0.193466	104.939080	
2010	272	1700	272.708333333		09/29/2010 17:00	17.3594	0.2731	13.29	47.7315	104.9154338	104.931584	0.195903	104.941517	
2010	272	1800	272.750000000		09/29/2010 18:00	17.5074	0.2751	13.1	47.7266	104.9169425	104.933092	0.197387	104.943001	
2010	272	1900	272.791666667		09/29/2010 19:00	17.3774	0.2733	12.99	47.7309	104.9156173	104.931767	0.196083	104.941697	
2010	272	2000	272.833333333		09/29/2010 20:00	17.5064	0.2751	12.91	47.7266	104.9169323	104.933082	0.197377	104.942991	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	272	2100	272.875000000		09/29/2010 21:00	17.4224	0.2739	12.84	47.7294	104.916076	104.932226	0.196534	104.942148	
2010	272	2200	272.916666667		09/29/2010 22:00	17.7154	0.2780	12.8	47.7196	104.9190629	104.935213	0.199472	104.945086	
2010	272	2300	272.958333333		09/29/2010 23:00	17.7614	0.2787	12.76	47.7181	104.9195319	104.935682	0.199933	104.945547	
2010	272	2400	273.000000000		09/30/2010 0:00	17.8344	0.2797	12.73	47.7156	104.920276	104.936426	0.200665	104.946279	
2010	273	100	273.041666667		09/30/2010 1:00	17.9874	0.2818	12.72	47.7105	104.9218358	104.937986	0.202199	104.947813	
2010	273	200	273.083333333		09/30/2010 2:00	18.3284	0.2866	12.71	47.6991	104.925312	104.941462	0.205618	104.951232	
2010	273	300	273.125000000		09/30/2010 3:00	18.2904	0.2861	12.71	47.7004	104.9249246	104.941074	0.205237	104.950851	
2010	273	400	273.166666667		09/30/2010 4:00	18.5064	0.2891	12.68	47.6932	104.9271266	104.943276	0.207403	104.953017	
2010	273	500	273.208333333		09/30/2010 5:00	18.7054	0.2919	12.67	47.6865	104.9291552	104.945305	0.209398	104.955012	
2010	273	600	273.250000000		09/30/2010 6:00	18.6094	0.2905	12.66	47.6897	104.9281766	104.944326	0.208436	104.954050	
2010	273	700	273.291666667		09/30/2010 7:00	18.6874	0.2916	13.58	47.6871	104.9289717	104.945122	0.209218	104.954832	
2010	273	800	273.333333333		09/30/2010 8:00	19.4924	0.3029	13.5	47.6602	104.9371781	104.953328	0.217289	104.962903	
2010	273	900	273.375000000		09/30/2010 9:00	19.1154	0.2976	13.44	47.6728	104.9333348	104.949485	0.213509	104.959123	
2010	273	1000	273.416666667		09/30/2010 10:00	20.1354	0.3119	13.39	47.6387	104.9437329	104.959883	0.223736	104.969350	
2010	273	1100	273.458333333		09/30/2010 11:00	20.4884	0.3168	13.35	47.6269	104.9473315	104.963481	0.227275	104.972889	
2010	273	1200	273.500000000		09/30/2010 12:00	20.7794	0.3209	13.33	47.6171	104.950298	104.966448	0.230193	104.975807	
2010	273	1300	273.541666667		09/30/2010 13:00	20.6904	0.3196	13.29	47.6201	104.9493907	104.965541	0.229301	104.974915	
2010	273	1400	273.583333333		09/30/2010 14:00	21.1054	0.3254	13.27	47.6062	104.9536213	104.969771	0.233462	104.979076	
2010	273	1500	273.625000000		09/30/2010 15:00	21.0954	0.3253	13.25	47.6066	104.9535194	104.969669	0.233361	104.978975	
2010	273	1600	273.666666667		09/30/2010 16:00	21.5664	0.3319	13.25	47.5908	104.9583209	104.974471	0.238084	104.983698	
2010	273	1700	273.708333333		09/30/2010 17:00	21.9874	0.3377	13.27	47.5767	104.9626126	104.978762	0.242305	104.987919	
2010	273	1800	273.750000000		09/30/2010 18:00	22.1254	0.3397	13.07	47.5721	104.9640194	104.980169	0.243688	104.989302	
2010	273	1900	273.791666667		09/30/2010 19:00	22.3184	0.3424	12.96	47.5657	104.9659869	104.982137	0.245624	104.991238	
2010	273	2000	273.833333333		09/30/2010 20:00	22.4524	0.3442	12.9	47.5612	104.967353	104.983503	0.246967	104.992581	
2010	273	2100	273.875000000		09/30/2010 21:00	22.7684	0.3487	12.83	47.5506	104.9705743	104.986724	0.250135	104.995749	
2010	273	2200	273.916666667		09/30/2010 22:00	22.9584	0.3513	12.79	47.5443	104.9725112	104.988661	0.252040	104.997654	
2010	273	2300	273.958333333		09/30/2010 23:00	23.1214	0.3536	12.75	47.5388	104.9741729	104.990323	0.253675	104.999289	
2010	273	2400	274.000000000		10/01/2010 0:00	23.3094	0.3562	12.74	47.5325	104.9760894	104.992239	0.255560	105.001174	
2010	274	100	274.041666667		10/01/2010 1:00	23.6294	0.3607	12.72	47.5218	104.9793515	104.995501	0.258768	105.004382	
2010	274	200	274.083333333		10/01/2010 2:00	23.5804	0.3600	12.71	47.5235	104.978852	104.995002	0.258277	105.003891	
2010	274	300	274.125000000		10/01/2010 3:00	23.6854	0.3615	12.69	47.5199	104.9799224	104.996072	0.259330	105.004944	
2010	274	400	274.166666667		10/01/2010 4:00	23.6754	0.3613	12.67	47.5203	104.9798205	104.995970	0.259229	105.004843	
2010	274	500	274.208333333		10/01/2010 5:00	23.8054	0.3631	12.66	47.5159	104.9811457	104.997296	0.260533	105.006147	
2010	274	600	274.250000000		10/01/2010 6:00	23.7564	0.3625	12.64	47.5176	104.9806462	104.996796	0.260042	105.005656	
2010	274	700	274.291666667		10/01/2010 7:00	23.2024	0.3547	13.56	47.5361	104.9749986	104.991148	0.254487	105.000101	
2010	274	800	274.333333333		10/01/2010 8:00	24.4114	0.3716	13.48	47.4957	104.9873234	105.003473	0.266609	105.012223	
2010	274	900	274.375000000		10/01/2010 9:00	24.0694	0.3668	13.43	47.5071	104.983837	104.999987	0.263180	105.008794	
2010	274	1000	274.416666667		10/01/2010 10:00	23.7734	0.3627	13.38	47.5170	104.9808195	104.996969	0.260212	105.005826	
2010	274	1100	274.458333333		10/01/2010 11:00	24.3044	0.3701	13.33	47.4992	104.9862326	105.002382	0.265536	105.011150	
2010	274	1200	274.500000000		10/01/2010 12:00	24.3664	0.3710	13.31	47.4972	104.9868647	105.003015	0.266158	105.011772	
2010	274	1300	274.541666667		10/01/2010 13:00	24.1214	0.3676	13.28	47.5054	104.9843671	105.000517	0.263701	105.009315	
2010	274	1400	274.583333333		10/01/2010 14:00	24.6044	0.3743	13.25	47.4892	104.9892909	105.005441	0.268544	105.014158	
2010	274	1500	274.625000000		10/01/2010 15:00	24.5664	0.3738	13.25	47.4905	104.9889035	105.005053	0.268163	105.013777	
2010	274	1600	274.666666667		10/01/2010 16:00	24.0394	0.3664	13.25	47.5081	104.9835312	104.999681	0.262879	105.008493	
2010	274	1700	274.708333333		10/01/2010 17:00	24.6954	0.3756	13.29	47.4862	104.9902186	105.006368	0.269456	105.015070	
2010	274	1800	274.750000000		10/01/2010 18:00	24.6474	0.3749	13.08	47.4878	104.9897293	105.005879	0.268975	105.014589	
2010	274	1900	274.791666667		10/01/2010 19:00	24.3944	0.3714	12.97	47.4962	104.9871501	105.003300	0.266438	105.012052	
2010	274	2000	274.833333333		10/01/2010 20:00	24.5304	0.3733	12.9	47.4917	104.9885365	105.004686	0.267802	105.013416	
2010	274	2100	274.875000000		10/01/2010 21:00	24.3504	0.3708	12.84	47.4977	104.9867016	105.002851	0.265997	105.011611	
2010	274	2200	274.916666667		10/01/2010 22:00	24.1734	0.3683	12.78	47.5036	104.9848972	105.001047	0.264223	105.009837	
2010	274	2300	274.958333333		10/01/2010 23:00	24.3284	0.3705	12.75	47.4984	104.9864773	105.002627	0.265777	105.011391	
2010	274	2400	275.000000000		10/02/2010 0:00	24.1574	0.3681	12.73	47.5042	104.9847341	105.000884	0.264062	105.009676	
2010	275	100	275.041666667		10/02/2010 1:00	24.2274	0.3690	12.71	47.5018	104.9854477	105.001598	0.264764	105.010378	
2010	275	200	275.083333333		10/02/2010 2:00	24.1754	0.3683	12.69	47.5036	104.9849176	105.001067	0.264243	105.009857	
2010	275	300	275.125000000		10/02/2010 3:00	23.9034	0.3645	12.69	47.5126	104.9821448	104.998295	0.261515	105.007129	
2010	275	400	275.166666667		10/02/2010 4:00	23.9804	0.3656	12.67	47.5101	104.9829297	104.999080	0.262287	105.007901	
2010	275	500	275.208333333		10/02/2010 5:00	23.8614	0.3639	12.65	47.5141	104.9817166	104.997866	0.261094	105.006708	
2010	275	600	275.250000000		10/02/2010 6:00	23.5314	0.3593	12.65	47.5251	104.9783525	104.994502	0.257786	105.003400	
2010	275	700	275.291666667		10/02/2010 7:00	23.1094	0.3534	13.63	47.5392	104.9740506	104.990200	0.253554	104.999168	
2010	275	800	275.333333333		10/02/2010 8:00	22.7734	0.3487	13.56	47.5504	104.9706253	104.986775	0.250186	104.995800	
2010	275	900	275.375000000		10/02/2010 9:00	22.4524	0.3442	13.48	47.5612	104.967353	104.983503	0.246967	104.992581	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	275	1000	275.416666667		10/02/2010 10:00	22.9114	0.3506	13.42	47.5458	104.9720321	104.988182	0.251569	104.997183	
2010	275	1100	275.458333333		10/02/2010 11:00	22.7454	0.3483	13.36	47.5514	104.9703399	104.986490	0.249905	104.995519	
2010	275	1200	275.500000000		10/02/2010 12:00	22.5464	0.3455	13.33	47.5580	104.9683112	104.984461	0.247910	104.993524	
2010	275	1300	275.541666667		10/02/2010 13:00	22.3694	0.3431	13.29	47.5640	104.9665068	104.982657	0.246135	104.991749	
2010	275	1400	275.583333333		10/02/2010 14:00	23.1264	0.3537	13.27	47.5386	104.9742239	104.990374	0.253725	104.999339	
2010	275	1500	275.625000000		10/02/2010 15:00	22.7364	0.3482	13.25	47.5517	104.9702481	104.986398	0.249815	104.995429	
2010	275	1600	275.666666667		10/02/2010 16:00	22.4704	0.3445	13.25	47.5606	104.9675364	104.983686	0.247148	104.992762	
2010	275	1700	275.708333333		10/02/2010 17:00	22.9944	0.3518	13.21	47.5431	104.9728782	104.989028	0.252401	104.998015	
2010	275	1800	275.750000000		10/02/2010 18:00	22.3774	0.3432	13.03	47.5637	104.9665884	104.982738	0.246215	104.991829	
2010	275	1900	275.791666667		10/02/2010 19:00	22.3184	0.3424	12.94	47.5657	104.9659869	104.982137	0.245624	104.991238	
2010	275	2000	275.833333333		10/02/2010 20:00	22.3224	0.3424	12.86	47.5655	104.9660277	104.982178	0.245664	104.991278	
2010	275	2100	275.875000000		10/02/2010 21:00	22.3864	0.3433	12.8	47.5634	104.9666801	104.982830	0.246305	104.991919	
2010	275	2200	275.916666667		10/02/2010 22:00	22.2824	0.3419	12.76	47.5669	104.9656199	104.981770	0.245263	104.990877	
2010	275	2300	275.958333333		10/02/2010 23:00	22.6734	0.3473	12.74	47.5538	104.9696059	104.985756	0.249183	104.994797	
2010	275	2400	276.000000000		10/03/2010 0:00	22.2794	0.3418	12.72	47.5670	104.9655894	104.981739	0.245233	104.990847	
2010	276	100	276.041666667		10/03/2010 1:00	22.4114	0.3437	12.72	47.5625	104.966935	104.983085	0.246556	104.992170	
2010	276	200	276.083333333		10/03/2010 2:00	22.6124	0.3465	12.71	47.5558	104.968984	104.985134	0.248571	104.994185	
2010	276	300	276.125000000		10/03/2010 3:00	22.6124	0.3465	12.7	47.5558	104.968984	104.985134	0.248571	104.994185	
2010	276	400	276.166666667		10/03/2010 4:00	22.8004	0.3491	12.69	47.5495	104.9709005	104.987050	0.250456	104.996070	
2010	276	500	276.208333333		10/03/2010 5:00	22.9194	0.3508	12.68	47.5456	104.9721137	104.988263	0.251649	104.997263	
2010	276	600	276.250000000		10/03/2010 6:00	23.0384	0.3524	12.67	47.5416	104.9733268	104.989477	0.252843	104.998457	
2010	276	700	276.291666667		10/03/2010 7:00	23.0134	0.3521	12.99	47.5424	104.9730719	104.989222	0.252592	104.998206	
2010	276	800	276.333333333		10/03/2010 8:00	23.2444	0.3553	13.47	47.5347	104.9754268	104.991577	0.254908	105.000522	
2010	276	900	276.375000000		10/03/2010 9:00	23.6314	0.3607	13.43	47.5217	104.9793719	104.995522	0.258788	105.004402	
2010	276	1000	276.416666667		10/03/2010 10:00	23.2044	0.3547	13.43	47.5360	104.975019	104.991169	0.254507	105.000121	
2010	276	1100	276.458333333		10/03/2010 11:00	23.2414	0.3553	13.41	47.5348	104.9753962	104.991546	0.254878	105.000492	
2010	276	1200	276.500000000		10/03/2010 12:00	23.7704	0.3627	13.4	47.5171	104.9807889	104.996939	0.260182	105.005796	
2010	276	1300	276.541666667		10/03/2010 13:00	23.9164	0.3647	13.41	47.5122	104.9822773	104.998427	0.261646	105.007260	
2010	276	1400	276.583333333		10/03/2010 14:00	23.9644	0.3654	13.4	47.5106	104.9827666	104.998916	0.262127	105.007741	
2010	276	1500	276.625000000		10/03/2010 15:00	23.9644	0.3654	13.4	47.5106	104.9827666	104.998916	0.262127	105.007741	
2010	276	1600	276.666666667		10/03/2010 16:00	23.8694	0.3640	13.41	47.5138	104.9817982	104.997948	0.261175	105.006789	
2010	276	1700	276.708333333		10/03/2010 17:00	23.9514	0.3652	13.31	47.5110	104.9826341	104.998784	0.261997	105.007611	
2010	276	1800	276.750000000		10/03/2010 18:00	23.8664	0.3640	13.14	47.5139	104.9817676	104.997917	0.261144	105.006758	
2010	276	1900	276.791666667		10/03/2010 19:00	23.7354	0.3622	13.05	47.5183	104.9804321	104.996582	0.259831	105.005445	
2010	276	2000	276.833333333		10/03/2010 20:00	23.5984	0.3603	12.97	47.5228	104.9790355	104.995185	0.258457	105.004071	
2010	276	2100	276.875000000		10/03/2010 21:00	23.5364	0.3594	12.91	47.5249	104.9784035	104.994553	0.257836	105.003450	
2010	276	2200	276.916666667		10/03/2010 22:00	23.2284	0.3551	12.84	47.5352	104.9752637	104.991413	0.254748	105.000362	
2010	276	2300	276.958333333		10/03/2010 23:00	23.2034	0.3547	12.8	47.5361	104.9750088	104.991159	0.254497	105.000111	
2010	276	2400	277.000000000		10/04/2010 0:00	23.0844	0.3531	12.76	47.5400	104.9737957	104.989946	0.253304	104.998918	
2010	277	100	277.041666667		10/04/2010 1:00	22.9554	0.3513	12.74	47.5444	104.9724806	104.988630	0.252010	104.997624	
2010	277	200	277.083333333		10/04/2010 2:00	22.7774	0.3488	12.73	47.5503	104.9706661	104.986816	0.250226	104.995840	
2010	277	300	277.125000000		10/04/2010 3:00	22.5984	0.3463	12.71	47.5563	104.9688413	104.984991	0.248431	104.994045	
2010	277	400	277.166666667		10/04/2010 4:00	22.3864	0.3433	12.71	47.5634	104.9666801	104.982830	0.246305	104.991919	
2010	277	500	277.208333333		10/04/2010 5:00	22.3154	0.3423	12.7	47.5658	104.9659563	104.982106	0.245593	104.991207	
2010	277	600	277.250000000		10/04/2010 6:00	22.0664	0.3388	12.69	47.5741	104.963418	104.979568	0.243097	104.988711	
2010	277	700	277.291666667		10/04/2010 7:00	21.3094	0.3283	13.56	47.5994	104.955701	104.971851	0.235507	104.981121	
2010	277	800	277.333333333		10/04/2010 8:00	22.0294	0.3383	13.53	47.5753	104.9630408	104.979191	0.242726	104.988340	
2010	277	900	277.375000000		10/04/2010 9:00	21.6714	0.3333	13.46	47.5873	104.9593913	104.975541	0.239136	104.984750	
2010	277	1000	277.416666667		10/04/2010 10:00	20.8764	0.3222	13.43	47.6139	104.9512869	104.967437	0.231166	104.976780	
2010	277	1100	277.458333333		10/04/2010 11:00	21.3074	0.3282	13.39	47.5995	104.9556806	104.971830	0.235487	104.981101	
2010	277	1200	277.500000000		10/04/2010 12:00	20.8054	0.3212	13.38	47.6163	104.9505631	104.966713	0.230454	104.976068	
2010	277	1300	277.541666667		10/04/2010 13:00	20.2164	0.3130	13.36	47.6360	104.9445587	104.960709	0.224548	104.970162	
2010	277	1400	277.583333333		10/04/2010 14:00	20.8794	0.3223	13.34	47.6138	104.9513174	104.967467	0.231196	104.976810	
2010	277	1500	277.625000000		10/04/2010 15:00	19.8624	0.3080	13.34	47.6478	104.9409499	104.957100	0.220999	104.966613	
2010	277	1600	277.666666667		10/04/2010 16:00	20.5364	0.3175	13.35	47.6253	104.9478208	104.963971	0.227757	104.973371	
2010	277	1700	277.708333333		10/04/2010 17:00	20.0604	0.3108	13.41	47.6412	104.9429684	104.959118	0.222984	104.968598	
2010	277	1800	277.750000000		10/04/2010 18:00	20.2544	0.3135	13.19	47.6347	104.9449461	104.961096	0.224929	104.970543	
2010	277	1900	277.791666667		10/04/2010 19:00	19.7264	0.3061	13.07	47.6524	104.9395635	104.955713	0.219635	104.965249	
2010	277	2000	277.833333333		10/04/2010 20:00	19.8194	0.3074	13	47.6492	104.9405116	104.956661	0.220568	104.966182	
2010	277	2100	277.875000000		10/04/2010 21:00	19.7584	0.3066	12.93	47.6513	104.9398897	104.956040	0.219956	104.965570	
2010	277	2200	277.916666667		10/04/2010 22:00	20.0554	0.3107	12.87	47.6413	104.9429174	104.959067	0.222934	104.968548	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	277	2300	277.958333333		10/04/2010 23:00	20.0674	0.3109	12.8	47.6409	104.9430397	104.959190	0.223054	104.968668	
2010	277	2400	278.000000000		10/05/2010 0:00	20.1134	0.3115	12.76	47.6394	104.9435087	104.959659	0.223515	104.969129	
2010	278	100	278.041666667		10/05/2010 1:00	20.1944	0.3127	12.73	47.6367	104.9443344	104.960484	0.224328	104.969942	
2010	278	200	278.083333333		10/05/2010 2:00	20.3734	0.3152	12.7	47.6307	104.9461592	104.962309	0.226122	104.971736	
2010	278	300	278.125000000		10/05/2010 3:00	20.2544	0.3135	12.67	47.6347	104.9449461	104.961096	0.224929	104.970543	
2010	278	400	278.166666667		10/05/2010 4:00	20.6454	0.3190	12.67	47.6216	104.948932	104.965082	0.228849	104.974463	
2010	278	500	278.208333333		10/05/2010 5:00	20.7744	0.3208	12.66	47.6173	104.9502471	104.966397	0.230143	104.975757	
2010	278	600	278.250000000		10/05/2010 6:00	20.9734	0.3236	12.64	47.6106	104.9522757	104.968426	0.232138	104.977752	
2010	278	700	278.291666667		10/05/2010 7:00	21.2014	0.3268	13.68	47.6030	104.9546	104.970750	0.234424	104.980038	
2010	278	800	278.333333333		10/05/2010 8:00	20.4064	0.3156	13.61	47.6296	104.9464956	104.962645	0.226453	104.972067	
2010	278	900	278.375000000		10/05/2010 9:00	20.6824	0.3195	13.55	47.6204	104.9493092	104.965459	0.229220	104.974834	
2010	278	1000	278.416666667		10/05/2010 10:00	21.7074	0.3338	13.48	47.5861	104.9597583	104.975908	0.239497	104.985111	
2010	278	1100	278.458333333		10/05/2010 11:00	21.3844	0.3293	13.43	47.5969	104.9564655	104.972615	0.236259	104.981873	
2010	278	1200	278.500000000		10/05/2010 12:00	20.9094	0.3227	13.4	47.6128	104.9516233	104.967773	0.231496	104.977110	
2010	278	1300	278.541666667		10/05/2010 13:00	21.6094	0.3325	13.37	47.5894	104.9587592	104.974909	0.238515	104.984129	
2010	278	1400	278.583333333		10/05/2010 14:00	21.6004	0.3323	13.35	47.5897	104.9586675	104.974817	0.238425	104.984039	
2010	278	1500	278.625000000		10/05/2010 15:00	21.6484	0.3330	13.34	47.5881	104.9591568	104.975307	0.238906	104.984520	
2010	278	1600	278.666666667		10/05/2010 16:00	21.6004	0.3323	13.34	47.5897	104.9586675	104.974817	0.238425	104.984039	
2010	278	1700	278.708333333		10/05/2010 17:00	21.7984	0.3351	13.37	47.5831	104.9606859	104.976836	0.240410	104.986024	
2010	278	1800	278.750000000		10/05/2010 18:00	21.7904	0.3350	13.15	47.5833	104.9606044	104.976754	0.240330	104.985944	
2010	278	1900	278.791666667		10/05/2010 19:00	21.6904	0.3336	13.05	47.5867	104.959585	104.975735	0.239327	104.984941	
2010	278	2000	278.833333333		10/05/2010 20:00	21.7984	0.3351	12.97	47.5831	104.9606859	104.976836	0.240410	104.986024	
2010	278	2100	278.875000000		10/05/2010 21:00	21.7084	0.3338	12.91	47.5861	104.9597685	104.975918	0.239507	104.985121	
2010	278	2200	278.916666667		10/05/2010 22:00	21.8764	0.3362	12.84	47.5804	104.9614811	104.977631	0.241192	104.986806	
2010	278	2300	278.958333333		10/05/2010 23:00	21.6424	0.3329	12.79	47.5883	104.9590956	104.975245	0.238846	104.984460	
2010	278	2400	279.000000000		10/06/2010 0:00	21.1064	0.3254	12.74	47.6062	104.9536315	104.969781	0.233472	104.979086	
2010	279	100	279.041666667		10/06/2010 1:00	21.2954	0.3281	12.71	47.5999	104.9555582	104.971708	0.235367	104.980981	
2010	279	200	279.083333333		10/06/2010 2:00	21.4714	0.3305	12.67	47.5940	104.9573524	104.973502	0.237131	104.982745	
2010	279	300	279.125000000		10/06/2010 3:00	21.6244	0.3327	12.66	47.5889	104.9589121	104.975062	0.238665	104.984279	
2010	279	400	279.166666667		10/06/2010 4:00	21.6004	0.3323	12.65	47.5897	104.9586675	104.974817	0.238425	104.984039	
2010	279	500	279.208333333		10/06/2010 5:00	21.8154	0.3353	12.63	47.5825	104.9608592	104.977009	0.240580	104.986194	
2010	279	600	279.250000000		10/06/2010 6:00	21.9134	0.3367	12.61	47.5792	104.9618583	104.978008	0.241563	104.987177	
2010	279	700	279.291666667		10/06/2010 7:00	22.6904	0.3476	13.72	47.5532	104.9697792	104.985929	0.249353	104.994967	
2010	279	800	279.333333333		10/06/2010 8:00	21.7614	0.3346	13.63	47.5843	104.9603087	104.976459	0.240039	104.985653	
2010	279	900	279.375000000		10/06/2010 9:00	22.1514	0.3400	13.56	47.5712	104.9642845	104.980434	0.243949	104.989563	
2010	279	1000	279.416666667		10/06/2010 10:00	22.0814	0.3390	13.5	47.5736	104.9635709	104.979721	0.243247	104.988861	
2010	279	1100	279.458333333		10/06/2010 11:00	22.8144	0.3493	13.44	47.5491	104.9710433	104.987193	0.250597	104.996211	
2010	279	1200	279.500000000		10/06/2010 12:00	22.8264	0.3495	13.41	47.5487	104.9711656	104.987315	0.250717	104.996331	
2010	279	1300	279.541666667		10/06/2010 13:00	22.8624	0.3500	13.37	47.5475	104.9715326	104.987682	0.251078	104.996692	
2010	279	1400	279.583333333		10/06/2010 14:00	22.5784	0.3460	13.34	47.5570	104.9686374	104.984787	0.248230	104.993844	
2010	279	1500	279.625000000		10/06/2010 15:00	21.9724	0.3375	13.33	47.5772	104.9624597	104.978610	0.242154	104.987768	
2010	279	1600	279.666666667		10/06/2010 16:00	22.8214	0.3494	13.32	47.5488	104.9711146	104.987264	0.250667	104.996281	
2010	279	1700	279.708333333		10/06/2010 17:00	23.1584	0.3541	13.35	47.5376	104.9745501	104.990700	0.254046	104.999660	
2010	279	1800	279.750000000		10/06/2010 18:00	22.8844	0.3503	13.13	47.5467	104.9717569	104.987907	0.251299	104.996913	
2010	279	1900	279.791666667		10/06/2010 19:00	22.8234	0.3494	13.04	47.5488	104.971135	104.987285	0.250687	104.996301	
2010	279	2000	279.833333333		10/06/2010 20:00	22.6714	0.3473	12.95	47.5539	104.9695855	104.985735	0.249163	104.994777	
2010	279	2100	279.875000000		10/06/2010 21:00	22.6684	0.3473	12.89	47.5540	104.9695549	104.985705	0.249133	104.994747	
2010	279	2200	279.916666667		10/06/2010 22:00	22.7574	0.3485	12.83	47.5510	104.9704622	104.986612	0.250025	104.995639	
2010	279	2300	279.958333333		10/06/2010 23:00	22.9664	0.3514	12.79	47.5440	104.9725928	104.988743	0.252121	104.997735	
2010	279	2400	280.000000000		10/07/2010 0:00	22.9894	0.3517	12.75	47.5432	104.9728272	104.988977	0.252351	104.997965	
2010	280	100	280.041666667		10/07/2010 1:00	23.0344	0.3524	12.71	47.5417	104.973286	104.989436	0.252802	104.998416	
2010	280	200	280.083333333		10/07/2010 2:00	23.3204	0.3564	12.71	47.5321	104.9762015	104.992351	0.255670	105.001284	
2010	280	300	280.125000000		10/07/2010 3:00	23.5804	0.3600	12.69	47.5235	104.978852	104.995002	0.258277	105.003891	
2010	280	400	280.166666667		10/07/2010 4:00	23.5554	0.3596	12.67	47.5243	104.9785972	104.994747	0.258026	105.003640	
2010	280	500	280.208333333		10/07/2010 5:00	23.9224	0.3648	12.67	47.5120	104.9823385	104.998488	0.261706	105.007320	
2010	280	600	280.250000000		10/07/2010 6:00	24.2794	0.3698	12.66	47.5001	104.9859778	105.002128	0.265285	105.010899	
2010	280	700	280.291666667		10/07/2010 7:00	24.3494	0.3707	13.1	47.4977	104.9866914	105.002841	0.265987	105.011601	
2010	280	800	280.333333333		10/07/2010 8:00	24.5884	0.3741	13.55	47.4897	104.9891278	105.005278	0.268383	105.013997	
2010	280	900	280.375000000		10/07/2010 9:00	24.4724	0.3725	13.53	47.4936	104.9879453	105.004095	0.267220	105.012834	
2010	280	1000	280.416666667		10/07/2010 10:00	24.5744	0.3739	13.48	47.4902	104.9889851	105.005135	0.268243	105.013857	
2010	280	1100	280.458333333		10/07/2010 11:00	25.2764	0.3837	13.47	47.4667	104.9961414	105.012291	0.275282	105.020896	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	280	1200	280.500000000		10/07/2010 12:00	25.1424	0.3818	13.52	47.4712	104.9947754	105.010925	0.273938	105.019552	
2010	280	1300	280.541666667		10/07/2010 13:00	25.1894	0.3825	13.53	47.4696	104.9952545	105.011404	0.274409	105.020023	
2010	280	1400	280.583333333		10/07/2010 14:00	24.8704	0.3780	13.54	47.4803	104.9920026	105.008152	0.271211	105.016825	
2010	280	1500	280.625000000		10/07/2010 15:00	24.9184	0.3787	13.55	47.4787	104.9924919	105.008642	0.271692	105.017306	
2010	280	1600	280.666666667		10/07/2010 16:00	24.8004	0.3770	13.55	47.4826	104.991289	105.007439	0.270509	105.016123	
2010	280	1700	280.708333333		10/07/2010 17:00	24.6814	0.3754	13.33	47.4866	104.9900759	105.006226	0.269316	105.014930	
2010	280	1800	280.750000000		10/07/2010 18:00	24.5164	0.3731	13.2	47.4921	104.9883938	105.004544	0.267662	105.013276	
2010	280	1900	280.791666667		10/07/2010 19:00	24.5514	0.3736	13.1	47.4910	104.9887506	105.004900	0.268013	105.013627	
2010	280	2000	280.833333333		10/07/2010 20:00	24.5034	0.3729	13.03	47.4926	104.9882613	105.004411	0.267531	105.013145	
2010	280	2100	280.875000000		10/07/2010 21:00	24.5154	0.3731	12.97	47.4922	104.9883836	105.004533	0.267652	105.013266	
2010	280	2200	280.916666667		10/07/2010 22:00	24.5144	0.3731	12.9	47.4922	104.9883734	105.004523	0.267642	105.013256	
2010	280	2300	280.958333333		10/07/2010 23:00	24.6214	0.3745	12.85	47.4886	104.9894642	105.005614	0.268714	105.014328	
2010	280	2400	281.000000000		10/08/2010 0:00	24.7264	0.3760	12.79	47.4851	104.9905346	105.006684	0.269767	105.015381	
2010	281	100	281.041666667		10/08/2010 1:00	24.9054	0.3785	12.76	47.4791	104.9923594	105.008509	0.271562	105.017176	
2010	281	200	281.083333333		10/08/2010 2:00	25.0474	0.3805	12.73	47.4744	104.9938069	105.009957	0.272986	105.018600	
2010	281	300	281.125000000		10/08/2010 3:00	25.2714	0.3836	12.72	47.4669	104.9960905	105.012240	0.275232	105.020846	
2010	281	400	281.166666667		10/08/2010 4:00	25.3984	0.3854	12.71	47.4626	104.9973851	105.013535	0.276505	105.022119	
2010	281	500	281.208333333		10/08/2010 5:00	25.6754	0.3893	12.69	47.4534	105.0002089	105.016359	0.279282	105.024896	
2010	281	600	281.250000000		10/08/2010 6:00	25.8404	0.3916	12.69	47.4479	105.001891	105.018041	0.280937	105.026551	
2010	281	700	281.291666667		10/08/2010 7:00	25.9004	0.3924	13.11	47.4459	105.0025026	105.018652	0.281538	105.027152	
2010	281	800	281.333333333		10/08/2010 8:00	25.7564	0.3904	13.56	47.4507	105.0010347	105.017184	0.280094	105.025708	
2010	281	900	281.375000000		10/08/2010 9:00	26.2914	0.3979	13.51	47.4328	105.0064886	105.022638	0.285458	105.031072	
2010	281	1000	281.416666667		10/08/2010 10:00	25.9794	0.3935	13.49	47.4432	105.003308	105.019458	0.282330	105.027944	
2010	281	1100	281.458333333		10/08/2010 11:00	24.8374	0.3776	13.43	47.4814	104.9916662	105.007816	0.270880	105.016494	
2010	281	1200	281.500000000		10/08/2010 12:00	26.2104	0.3968	13.42	47.4355	105.0056628	105.021813	0.284646	105.030260	
2010	281	1300	281.541666667		10/08/2010 13:00	25.8774	0.3921	13.44	47.4466	105.0022682	105.018418	0.281308	105.026922	
2010	281	1400	281.583333333		10/08/2010 14:00	25.7584	0.3904	13.44	47.4506	105.001055	105.017205	0.280114	105.025728	
2010	281	1500	281.625000000		10/08/2010 15:00	25.7234	0.3899	13.43	47.4518	105.0006982	105.016848	0.279763	105.025377	
2010	281	1600	281.666666667		10/08/2010 16:00	25.4274	0.3858	13.43	47.4617	104.9976808	105.013831	0.276796	105.022410	
2010	281	1700	281.708333333		10/08/2010 17:00	25.5584	0.3876	13.35	47.4573	104.9990162	105.015166	0.278109	105.023723	
2010	281	1800	281.750000000		10/08/2010 18:00	25.4144	0.3856	13.19	47.4621	104.9975482	105.013698	0.276665	105.022279	
2010	281	1900	281.791666667		10/08/2010 19:00	25.1884	0.3825	13.08	47.4697	104.9952443	105.011394	0.274399	105.020013	
2010	281	2000	281.833333333		10/08/2010 20:00	24.9554	0.3792	13.01	47.4775	104.9928691	105.009019	0.272063	105.017677	
2010	281	2100	281.875000000		10/08/2010 21:00	24.9524	0.3792	12.94	47.4776	104.9928385	105.008988	0.272033	105.017647	
2010	281	2200	281.916666667		10/08/2010 22:00	24.9884	0.3797	12.88	47.4764	104.9932055	105.009355	0.272394	105.018008	
2010	281	2300	281.958333333		10/08/2010 23:00	25.0104	0.3800	12.83	47.4756	104.9934298	105.009580	0.272615	105.018229	
2010	281	2400	282.000000000		10/09/2010 0:00	24.9764	0.3795	12.78	47.4768	104.9930832	105.009233	0.272274	105.017888	
2010	282	100	282.041666667		10/09/2010 1:00	25.0834	0.3810	12.73	47.4732	104.9941739	105.010324	0.273347	105.018961	
2010	282	200	282.083333333		10/09/2010 2:00	25.0584	0.3807	12.71	47.4740	104.9939191	105.010069	0.273096	105.018710	
2010	282	300	282.125000000		10/09/2010 3:00	25.3434	0.3846	12.69	47.4645	104.9968244	105.012974	0.275953	105.021567	
2010	282	400	282.166666667		10/09/2010 4:00	25.6274	0.3886	12.69	47.4550	104.9997196	105.015869	0.278801	105.024415	
2010	282	500	282.208333333		10/09/2010 5:00	25.9464	0.3931	12.68	47.4443	105.0029716	105.019121	0.281999	105.027613	
2010	282	600	282.250000000		10/09/2010 6:00	26.2784	0.3977	12.67	47.4332	105.006356	105.022506	0.285328	105.030942	
2010	282	700	282.291666667		10/09/2010 7:00	26.4074	0.3995	13.23	47.4289	105.0076711	105.023821	0.286621	105.032235	
2010	282	800	282.333333333		10/09/2010 8:00	26.6214	0.4025	13.58	47.4217	105.0098527	105.026002	0.288767	105.034381	
2010	282	900	282.375000000		10/09/2010 9:00	26.6674	0.4031	13.55	47.4202	105.0103216	105.026471	0.289228	105.034842	
2010	282	1000	282.416666667		10/09/2010 10:00	27.3544	0.4127	13.52	47.3972	105.017325	105.033475	0.296116	105.041730	
2010	282	1100	282.458333333		10/09/2010 11:00	27.7694	0.4185	13.49	47.3833	105.0215556	105.037705	0.300277	105.045891	
2010	282	1200	282.500000000		10/09/2010 12:00	27.8764	0.4200	13.49	47.3798	105.0226464	105.038796	0.301350	105.046964	
2010	282	1300	282.541666667		10/09/2010 13:00	28.4324	0.4278	13.48	47.3612	105.0283144	105.044464	0.306925	105.052539	
2010	282	1400	282.583333333		10/09/2010 14:00	28.4194	0.4276	13.5	47.3616	105.0281819	105.044332	0.306795	105.052409	
2010	282	1500	282.625000000		10/09/2010 15:00	29.1304	0.4376	13.49	47.3378	105.0354299	105.051580	0.313923	105.059537	
2010	282	1600	282.666666667		10/09/2010 16:00	29.1534	0.4379	13.49	47.3371	105.0356644	105.051814	0.314154	105.059768	
2010	282	1700	282.708333333		10/09/2010 17:00	29.6014	0.4441	13.29	47.3221	105.0402314	105.056381	0.318646	105.064260	
2010	282	1800	282.750000000		10/09/2010 18:00	29.6834	0.4453	13.17	47.3193	105.0410674	105.057217	0.319468	105.065082	
2010	282	1900	282.791666667		10/09/2010 19:00	29.8964	0.4483	13.07	47.3122	105.0432387	105.059389	0.321604	105.067218	
2010	282	2000	282.833333333		10/09/2010 20:00	30.1804	0.4522	12.99	47.3027	105.0461339	105.062284	0.324451	105.070065	
2010	282	2100	282.875000000		10/09/2010 21:00	30.4874	0.4565	12.93	47.2924	105.0492635	105.065413	0.327529	105.073143	
2010	282	2200	282.916666667		10/09/2010 22:00	30.6754	0.4592	12.88	47.2862	105.05118	105.067330	0.329414	105.075028	
2010	282	2300	282.958333333		10/09/2010 23:00	30.9354	0.4628	12.82	47.2775	105.0538305	105.069980	0.332021	105.077635	
2010	282	2400	283.000000000		10/10/2010 0:00	31.0654	0.4646	12.78	47.2731	105.0551558	105.071306	0.333324	105.078938	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	100	283.041666667		10/10/2010 1:00	31.1834	0.4663	12.75	47.2692	105.0563587	105.072509	0.334508	105.080122	
2010	283	200	283.083333333		10/10/2010 2:00	31.5394	0.4712	12.72	47.2573	105.0599878	105.076138	0.338077	105.083691	
2010	283	300	283.125000000		10/10/2010 3:00	31.4454	0.4699	12.71	47.2604	105.0590296	105.075179	0.337134	105.082748	
2010	283	400	283.166666667		10/10/2010 4:00	31.8474	0.4755	12.7	47.2470	105.0631276	105.079277	0.341165	105.086779	
2010	283	500	283.208333333		10/10/2010 5:00	32.0014	0.4777	12.69	47.2418	105.0646976	105.080847	0.342709	105.088323	
2010	283	600	283.250000000		10/10/2010 6:00	32.1104	0.4792	12.67	47.2382	105.0658087	105.081959	0.343802	105.089416	
2010	283	700	283.291666667		10/10/2010 7:00	32.3104	0.4820	13.48	47.2315	105.0678476	105.083997	0.345807	105.091421	
2010	283	800	283.333333333		10/10/2010 8:00	33.1984	0.4944	13.45	47.2018	105.0769	105.093050	0.354711	105.100325	
2010	283	900	283.375000000		10/10/2010 9:00	32.7464	0.4881	13.42	47.2169	105.0722922	105.088442	0.350179	105.095793	
2010	283	1000	283.416666667		10/10/2010 10:00	33.0294	0.4921	13.36	47.2074	105.0751772	105.091327	0.353016	105.098630	
2010	283	1100	283.458333333		10/10/2010 11:00	32.8614	0.4897	13.37	47.2130	105.0734646	105.089614	0.351332	105.096946	
2010	283	1200	283.500000000		10/10/2010 12:00	33.2674	0.4954	13.41	47.1995	105.0776034	105.093753	0.355403	105.101017	
2010	283	1300	283.541666667		10/10/2010 13:00	32.8984	0.4902	13.42	47.2118	105.0738418	105.089992	0.351703	105.097317	
2010	283	1400	283.583333333		10/10/2010 14:00	33.5554	0.4994	13.42	47.1898	105.0805394	105.096689	0.358290	105.103904	
2010	283	1500	283.625000000		10/10/2010 15:00	33.4014	0.4972	13.51	47.1950	105.0789695	105.095119	0.356746	105.102360	
2010	283	1600	283.666666667		10/10/2010 16:00	33.3614	0.4967	13.51	47.1963	105.0785617	105.094712	0.356345	105.101959	
2010	283	1700	283.708333333		10/10/2010 17:00	33.3504	0.4965	13.28	47.1967	105.0784496	105.094599	0.356235	105.101849	
2010	283	1800	283.750000000		10/10/2010 18:00	33.2804	0.4956	13.17	47.1990	105.077736	105.093886	0.355533	105.101147	
2010	283	1900	283.791666667		10/10/2010 19:00	33.2654	0.4953	13.08	47.1995	105.077583	105.093733	0.355382	105.100996	
2010	283	2000	283.833333333		10/10/2010 20:00	33.0424	0.4922	13	47.2070	105.0753097	105.091460	0.353147	105.098761	
2010	283	2100	283.875000000		10/10/2010 21:00	33.1844	0.4942	12.94	47.2022	105.0767573	105.092907	0.354570	105.100184	
2010	283	2200	283.916666667		10/10/2010 22:00	32.9024	0.4903	12.87	47.2117	105.0738825	105.090032	0.351743	105.097357	
2010	283	2300	283.958333333		10/10/2010 23:00	32.7354	0.4879	12.82	47.2173	105.0721801	105.088330	0.350069	105.095683	
2010	283	2400	284.000000000		10/11/2010 0:00	32.5114	0.4848	12.77	47.2247	105.0698966	105.086046	0.347823	105.093437	
2010	284	100	284.041666667		10/11/2010 1:00	32.2664	0.4814	12.73	47.2329	105.067399	105.083549	0.345366	105.090980	
2010	284	200	284.083333333		10/11/2010 2:00	32.1934	0.4804	12.69	47.2354	105.0666548	105.082805	0.344634	105.090248	
2010	284	300	284.125000000		10/11/2010 3:00	32.0154	0.4779	12.67	47.2413	105.0648403	105.080990	0.342850	105.088464	
2010	284	400	284.166666667		10/11/2010 4:00	31.6634	0.4730	12.66	47.2531	105.0612519	105.077402	0.339320	105.084934	
2010	284	500	284.208333333		10/11/2010 5:00	31.5554	0.4715	12.65	47.2567	105.0601509	105.076301	0.338237	105.083851	
2010	284	600	284.250000000		10/11/2010 6:00	31.3184	0.4681	12.64	47.2646	105.0577349	105.073885	0.335861	105.081475	
2010	284	700	284.291666667		10/11/2010 7:00	30.7954	0.4608	13.7	47.2821	105.0524033	105.068553	0.330617	105.076231	
2010	284	800	284.333333333		10/11/2010 8:00	30.4854	0.4565	13.66	47.2925	105.0492431	105.065393	0.327509	105.073123	
2010	284	900	284.375000000		10/11/2010 9:00	30.3484	0.4546	13.59	47.2971	105.0478465	105.063996	0.326136	105.071750	
2010	284	1000	284.416666667		10/11/2010 10:00	29.6374	0.4446	13.55	47.3209	105.0405984	105.056748	0.319007	105.064621	
2010	284	1100	284.458333333		10/11/2010 11:00	30.0984	0.4511	13.51	47.3055	105.045298	105.061448	0.323629	105.069243	
2010	284	1200	284.500000000		10/11/2010 12:00	29.4724	0.4423	13.48	47.3264	105.0389164	105.055066	0.317352	105.062966	
2010	284	1300	284.541666667		10/11/2010 13:00	29.7984	0.4469	13.47	47.3155	105.0422397	105.058390	0.320621	105.066235	
2010	284	1400	284.583333333		10/11/2010 14:00	29.4334	0.4418	13.46	47.3277	105.0385188	105.054669	0.316961	105.062575	
2010	284	1500	284.625000000		10/11/2010 15:00	29.6934	0.4454	13.45	47.3190	105.0411693	105.057319	0.319568	105.065182	
2010	284	1600	284.666666667		10/11/2010 16:00	29.3504	0.4406	13.46	47.3305	105.0376727	105.053823	0.316129	105.061743	
2010	284	1700	284.708333333		10/11/2010 17:00	29.4474	0.4420	13.4	47.3272	105.0386615	105.054811	0.317102	105.062716	
2010	284	1800	284.750000000		10/11/2010 18:00	29.1974	0.4385	13.24	47.3356	105.036113	105.052263	0.314595	105.060209	
2010	284	1900	284.791666667		10/11/2010 19:00	29.2704	0.4395	13.14	47.3331	105.0368571	105.053007	0.315327	105.060941	
2010	284	2000	284.833333333		10/11/2010 20:00	29.3404	0.4405	13.05	47.3308	105.0375707	105.053721	0.316029	105.061643	
2010	284	2100	284.875000000		10/11/2010 21:00	29.5304	0.4432	12.99	47.3245	105.0395076	105.055657	0.317934	105.063548	
2010	284	2200	284.916666667		10/11/2010 22:00	29.1824	0.4383	12.92	47.3361	105.03596	105.052110	0.314445	105.060059	
2010	284	2300	284.958333333		10/11/2010 23:00	29.6734	0.4451	12.86	47.3197	105.0409654	105.057115	0.319368	105.064982	
2010	284	2400	285.000000000		10/12/2010 0:00	30.4774	0.4564	12.81	47.2928	105.0491616	105.065311	0.327429	105.073043	
2010	285	100	285.041666667		10/12/2010 1:00	30.0384	0.4503	12.76	47.3075	105.0446863	105.060836	0.323027	105.068641	
2010	285	200	285.083333333		10/12/2010 2:00	30.2154	0.4527	12.72	47.3015	105.0464907	105.062641	0.324802	105.070416	
2010	285	300	285.125000000		10/12/2010 3:00	30.2424	0.4531	12.68	47.3006	105.0467659	105.062916	0.325073	105.070687	
2010	285	400	285.166666667		10/12/2010 4:00	30.6774	0.4592	12.66	47.2861	105.0512004	105.067350	0.329434	105.075048	
2010	285	500	285.208333333		10/12/2010 5:00	30.8564	0.4617	12.65	47.2801	105.0530252	105.069175	0.331229	105.076843	
2010	285	600	285.250000000		10/12/2010 6:00	31.0904	0.4650	12.63	47.2723	105.0554106	105.071560	0.333575	105.079189	
2010	285	700	285.291666667		10/12/2010 7:00	30.7344	0.4600	13.81	47.2842	105.0517815	105.067931	0.330006	105.075620	
2010	285	800	285.333333333		10/12/2010 8:00	30.7334	0.4600	13.74	47.2842	105.0517713	105.067921	0.329996	105.075610	
2010	285	900	285.375000000		10/12/2010 9:00	30.9204	0.4626	13.66	47.2780	105.0536776	105.069827	0.331871	105.077485	
2010	285	1000	285.416666667		10/12/2010 10:00	31.3994	0.4693	13.59	47.2619	105.0585606	105.074710	0.336673	105.082287	
2010	285	1100	285.458333333		10/12/2010 11:00	31.1264	0.4655	13.54	47.2711	105.0557776	105.071927	0.333936	105.079550	
2010	285	1200	285.500000000		10/12/2010 12:00	31.9534	0.4770	13.53	47.2434	105.0642082	105.080358	0.342228	105.087842	
2010	285	1300	285.541666667		10/12/2010 13:00	32.0274	0.4780	13.49	47.2409	105.0649626	105.081112	0.342970	105.088584	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (m above MSL, NAVD88)	Water-Level Elevation (m above MSL, NAVD88)	Head above XD (m)	Water-Level Elevation (m above MSL, NAVD88)	Comments
2010	285	1400	285.583333333		10/12/2010 14:00	31.7074	0.4736	13.47	47.2516	105.0617005	105.077850	0.339761	105.085375	
2010	285	1500	285.625000000		10/12/2010 15:00	31.9054	0.4763	13.45	47.2450	105.0637189	105.079869	0.341747	105.087361	
2010	285	1600	285.666666667		10/12/2010 16:00	32.1524	0.4798	13.45	47.2368	105.0662369	105.082387	0.344223	105.089837	
2010	285	1700	285.708333333		10/12/2010 17:00	32.6034	0.4861	13.4	47.2217	105.0708345	105.086984	0.348745	105.094359	
2010	285	1800	285.750000000		10/12/2010 18:00	32.4624	0.4841	13.24	47.2264	105.0693971	105.085547	0.347331	105.092945	
2010	285	1900	285.791666667		10/12/2010 19:00	32.5714	0.4857	13.14	47.2227	105.0705083	105.086658	0.348424	105.094038	
2010	285	2000	285.833333333		10/12/2010 20:00	32.8544	0.4896	13.06	47.2133	105.0733932	105.089543	0.351262	105.096876	
2010	285	2100	285.875000000		10/12/2010 21:00	32.9864	0.4914	12.98	47.2089	105.0747389	105.090889	0.352585	105.098199	
2010	285	2200	285.916666667		10/12/2010 22:00	33.4924	0.4985	12.92	47.1919	105.0798971	105.096047	0.357658	105.103272	
2010	285	2300	285.958333333		10/12/2010 23:00	33.6024	0.5001	12.86	47.1883	105.0810185	105.097168	0.358761	105.104375	
2010	285	2400	286.000000000		10/13/2010 0:00	33.8034	0.5029	12.8	47.1815	105.0830675	105.099217	0.360777	105.106391	
2010	286	100	286.041666667		10/13/2010 1:00	34.2404	0.5090	12.75	47.1669	105.0875224	105.103672	0.365158	105.110772	
2010	286	200	286.083333333		10/13/2010 2:00	34.4404	0.5118	12.7	47.1602	105.0895613	105.105711	0.367164	105.112778	
2010	286	300	286.125000000		10/13/2010 3:00	34.9944	0.5195	12.66	47.1417	105.0952088	105.111359	0.372718	105.118332	
2010	286	400	286.166666667		10/13/2010 4:00	35.3134	0.5240	12.64	47.1310	105.0984608	105.114611	0.375917	105.121531	
2010	286	500	286.208333333		10/13/2010 5:00	35.7894	0.5306	12.61	47.1151	105.1033133	105.119463	0.380689	105.126303	
2010	286	600	286.250000000		10/13/2010 6:00	36.2674	0.5373	12.6	47.0991	105.1081861	105.124336	0.385482	105.131096	
2010	286	700	286.291666667		10/13/2010 7:00	35.9654	0.5331	13.85	47.1092	105.1051074	105.121257	0.382454	105.128068	
2010	286	800	286.333333333		10/13/2010 8:00	36.7914	0.5446	13.76	47.0816	105.1135279	105.129678	0.390736	105.136350	
2010	286	900	286.375000000		10/13/2010 9:00	36.3194	0.5380	13.67	47.0974	105.1087162	105.124866	0.386003	105.131617	
2010	286	1000	286.416666667		10/13/2010 10:00	36.8884	0.5460	13.6	47.0784	105.1145167	105.130667	0.391708	105.137322	
2010	286	1100	286.458333333		10/13/2010 11:00	37.2094	0.5505	13.54	47.0676	105.117789	105.133939	0.394927	105.140541	
2010	286	1200	286.500000000		10/13/2010 12:00	37.3264	0.5521	13.5	47.0637	105.1189818	105.135132	0.396100	105.141714	
2010	286	1300	286.541666667		10/13/2010 13:00	37.7474	0.5580	13.46	47.0496	105.1232735	105.139423	0.400321	105.145935	
2010	286	1400	286.583333333		10/13/2010 14:00	37.5004	0.5545	13.43	47.0579	105.1207556	105.136905	0.397844	105.143458	
2010	286	1500	286.625000000		10/13/2010 15:00	37.5724	0.5555	13.42	47.0555	105.1214895	105.137639	0.398566	105.144180	
2010	286	1600	286.666666667		10/13/2010 16:00	37.8674	0.5597	13.41	47.0456	105.1244968	105.140647	0.401524	105.147138	
2010	286	1700	286.708333333		10/13/2010 17:00	38.0874	0.5627	13.37	47.0383	105.1267396	105.142889	0.403730	105.149344	
2010	286	1800	286.750000000		10/13/2010 18:00	38.0674	0.5625	13.2	47.0389	105.1265357	105.142686	0.403529	105.149143	
2010	286	1900	286.791666667		10/13/2010 19:00	37.8974	0.5601	13.1	47.0446	105.1248027	105.140952	0.401825	105.147439	
2010	286	2000	286.833333333		10/13/2010 20:00	38.0474	0.5622	13.02	47.0396	105.1263318	105.142482	0.403329	105.148943	
2010	286	2100	286.875000000		10/13/2010 21:00	38.4174	0.5673	12.95	47.0272	105.1301037	105.146253	0.407038	105.152652	
2010	286	2200	286.916666667		10/13/2010 22:00	37.7574	0.5581	12.89	47.0493	105.1233755	105.139525	0.400421	105.146035	
2010	286	2300	286.958333333		10/13/2010 23:00	39.2174	0.5785	12.84	47.0005	105.138259	105.154409	0.415060	105.160674	
2010	286	2400	287.000000000		10/14/2010 0:00	39.3274	0.5801	12.78	46.9968	105.1393804	105.155530	0.416162	105.161776	
2010	287	100	287.041666667		10/14/2010 1:00	39.5274	0.5829	12.74	46.9901	105.1414192	105.157569	0.418168	105.163782	
2010	287	200	287.083333333		10/14/2010 2:00	39.8074	0.5868	12.7	46.9807	105.1442736	105.160423	0.420975	105.166589	
2010	287	300	287.125000000		10/14/2010 3:00	40.5374	0.5970	12.66	46.9563	105.1517154	105.167865	0.428294	105.173908	
2010	287	400	287.166666667		10/14/2010 4:00	41.1074	0.6049	12.63	46.9373	105.1575261	105.173676	0.434009	105.179623	
2010	287	500	287.208333333		10/14/2010 5:00	41.4574	0.6098	12.61	46.9255	105.1610941	105.177244	0.437519	105.183133	
2010	287	600	287.250000000		10/14/2010 6:00	42.1574	0.6196	12.59	46.9021	105.16823	105.184380	0.444537	105.190151	
2010	287	700	287.291666667		10/14/2010 7:00	42.3074	0.6217	13.36	46.8971	105.1697592	105.185909	0.446041	105.191655	
2010	287	800	287.333333333		10/14/2010 8:00	42.3974	0.6230	13.81	46.8941	105.1706767	105.186826	0.446944	105.192558	
2010	287	900	287.375000000		10/14/2010 9:00	42.6274	0.6262	13.7	46.8864	105.1730213	105.189171	0.449250	105.194864	
2010	287	1000	287.416666667		10/14/2010 10:00	41.7674	0.6142	13.61	46.9152	105.1642543	105.180404	0.440627	105.186241	
2010	287	1100	287.458333333		10/14/2010 11:00	43.5574	0.6392	13.53	46.8553	105.1825019	105.198652	0.458574	105.204188	
2010	287	1200	287.500000000		10/14/2010 12:00	44.9274	0.6583	13.49	46.8095	105.196468	105.212618	0.472310	105.217924	
2010	287	1300	287.541666667		10/14/2010 13:00	42.4274	0.6234	13.44	46.8931	105.1709825	105.187132	0.447244	105.192858	
2010	287	1400	287.583333333		10/14/2010 14:00	43.2574	0.6350	13.42	46.8653	105.1794437	105.195594	0.455566	105.201180	
2010	287	1500	287.625000000		10/14/2010 15:00	43.5174	0.6386	13.42	46.8566	105.1820942	105.198244	0.458173	105.203787	
2010	287	1600	287.666666667		10/14/2010 16:00	43.0774	0.6325	13.44	46.8714	105.1776087	105.193759	0.453761	105.199375	
2010	287	1700	287.708333333		10/14/2010 17:00	42.9474	0.6307	13.34	46.8757	105.1762835	105.192433	0.452458	105.198072	
2010	287	1800	287.750000000		10/14/2010 18:00	42.7874	0.6284	13.19	46.8811	105.1746524	105.190802	0.450854	105.196468	
2010	287	1900	287.791666667		10/14/2010 19:00	42.4674	0.6239	13.1	46.8918	105.1713902	105.187540	0.447645	105.193259	
2010	287	2000	287.833333333		10/14/2010 20:00	42.0274	0.6178	13.02	46.9065	105.1669048	105.183055	0.443234	105.188848	
2010	287	2100	287.875000000		10/14/2010 21:00	42.4474	0.6237	12.95	46.8924	105.1711864	105.187336	0.447445	105.193059	
2010	287	2200	287.916666667		10/14/2010 22:00	42.1974	0.6202	12.89	46.9008	105.1686378	105.184788	0.444938	105.190552	
2010	287	2300	287.958333333		10/14/2010 23:00	42.1974	0.6202	12.83	46.9008	105.1686378	105.184788	0.444938	105.190552	
2010	287	2400	288.000000000		10/15/2010 0:00	42.4774	0.6241	12.78	46.8914	105.1714922	105.187642	0.447746	105.193360	
2010	288	100	288.041666667		10/15/2010 1:00	42.1274	0.6192	12.73	46.9031	105.1679242	105.184074	0.444236	105.189850	
2010	288	200	288.083333333		10/15/2010 2:00	42.7874	0.6284	12.7	46.8811	105.1746524	105.190802	0.450854	105.196468	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	300	288.125000000		10/15/2010 3:00	43.0274	0.6318	12.68	46.8730	105.177099	105.193249	0.453260	105.198874	
2010	288	400	288.166666667		10/15/2010 4:00	43.2074	0.6343	12.66	46.8670	105.178934	105.195084	0.455065	105.200679	
2010	288	500	288.208333333		10/15/2010 5:00	43.5774	0.6395	12.63	46.8546	105.1827058	105.198856	0.458775	105.204389	
2010	288	600	288.250000000		10/15/2010 6:00	43.5574	0.6392	12.61	46.8553	105.1825019	105.198652	0.458574	105.204188	
2010	288	700	288.291666667		10/15/2010 7:00	43.2874	0.6354	13.72	46.8643	105.1797495	105.195899	0.455867	105.201481	
2010	288	800	288.333333333		10/15/2010 8:00	44.1574	0.6476	13.67	46.8352	105.1886185	105.204768	0.464590	105.210204	
2010	288	900	288.375000000		10/15/2010 9:00	43.1574	0.6336	13.6	46.8687	105.1784243	105.194574	0.454564	105.200178	
2010	288	1000	288.416666667		10/15/2010 10:00	43.5774	0.6395	13.54	46.8546	105.1827058	105.198856	0.458775	105.204389	
2010	288	1100	288.458333333		10/15/2010 11:00	44.3974	0.6509	13.49	46.8272	105.1910651	105.207215	0.466996	105.212610	
2010	288	1200	288.500000000		10/15/2010 12:00	43.8374	0.6431	13.47	46.8459	105.1853563	105.201506	0.461382	105.206996	
2010	288	1300	288.541666667		10/15/2010 13:00	43.1274	0.6332	13.44	46.8697	105.1781184	105.194268	0.454263	105.199877	
2010	288	1400	288.583333333		10/15/2010 14:00	43.2374	0.6347	13.44	46.8660	105.1792398	105.195390	0.455366	105.200980	
2010	288	1500	288.625000000		10/15/2010 15:00	43.6774	0.6409	13.45	46.8513	105.1837253	105.199875	0.459777	105.205391	
2010	288	1600	288.666666667		10/15/2010 16:00	43.4474	0.6376	13.49	46.8590	105.1813806	105.197530	0.457471	105.203085	
2010	288	1700	288.708333333		10/15/2010 17:00	43.2674	0.6351	13.38	46.8650	105.1795456	105.195695	0.455666	105.201280	
2010	288	1800	288.750000000		10/15/2010 18:00	42.9774	0.6311	13.23	46.8747	105.1765893	105.192739	0.452759	105.198373	
2010	288	1900	288.791666667		10/15/2010 19:00	42.7774	0.6283	13.14	46.8814	105.1745505	105.190700	0.450754	105.196368	
2010	288	2000	288.833333333		10/15/2010 20:00	42.4874	0.6242	13.06	46.8911	105.1715941	105.187744	0.447846	105.193460	
2010	288	2100	288.875000000		10/15/2010 21:00	42.2474	0.6209	12.99	46.8991	105.1691475	105.185297	0.445440	105.191054	
2010	288	2200	288.916666667		10/15/2010 22:00	42.0274	0.6178	12.93	46.9065	105.1669048	105.183055	0.443234	105.188848	
2010	288	2300	288.958333333		10/15/2010 23:00	41.5874	0.6117	12.86	46.9212	105.1624193	105.178569	0.438822	105.184436	
2010	288	2400	289.000000000		10/16/2010 0:00	41.2474	0.6069	12.81	46.9326	105.1589533	105.175103	0.435413	105.181027	
2010	289	100	289.041666667		10/16/2010 1:00	41.3374	0.6082	12.76	46.9296	105.1598708	105.176021	0.436316	105.181930	
2010	289	200	289.083333333		10/16/2010 2:00	40.7574	0.6001	12.72	46.9490	105.1539581	105.170108	0.430500	105.176114	
2010	289	300	289.125000000		10/16/2010 3:00	40.5774	0.5975	12.66	46.9550	105.1521232	105.168273	0.428695	105.174309	
2010	289	400	289.166666667		10/16/2010 4:00	40.2174	0.5925	12.64	46.9670	105.1484533	105.164603	0.425086	105.170700	
2010	289	500	289.208333333		10/16/2010 5:00	39.9074	0.5882	12.62	46.9774	105.145293	105.161443	0.421978	105.167592	
2010	289	600	289.250000000		10/16/2010 6:00	39.6974	0.5852	12.6	46.9844	105.1431523	105.159302	0.419872	105.165486	
2010	289	700	289.291666667		10/16/2010 7:00	39.4274	0.5815	13.85	46.9934	105.1403998	105.156550	0.417165	105.162779	
2010	289	800	289.333333333		10/16/2010 8:00	38.3174	0.5660	13.8	47.0306	105.1290842	105.145234	0.406036	105.151650	
2010	289	900	289.375000000		10/16/2010 9:00	38.6174	0.5701	13.69	47.0205	105.1321425	105.148292	0.409044	105.154658	
2010	289	1000	289.416666667		10/16/2010 10:00	39.0474	0.5762	13.62	47.0061	105.136526	105.152676	0.413355	105.158969	
2010	289	1100	289.458333333		10/16/2010 11:00	38.8474	0.5734	13.57	47.0128	105.1344872	105.150637	0.411350	105.156964	
2010	289	1200	289.500000000		10/16/2010 12:00	39.3074	0.5798	13.51	46.9975	105.1391765	105.155326	0.415962	105.161576	
2010	289	1300	289.541666667		10/16/2010 13:00	38.1074	0.5630	13.49	47.0376	105.1269435	105.143093	0.403930	105.149544	
2010	289	1400	289.583333333		10/16/2010 14:00	38.7874	0.5725	13.48	47.0148	105.1338755	105.150025	0.410748	105.156362	
2010	289	1500	289.625000000		10/16/2010 15:00	39.3474	0.5803	13.47	46.9961	105.1395843	105.155734	0.416363	105.161977	
2010	289	1600	289.666666667		10/16/2010 16:00	39.3474	0.5803	13.49	46.9961	105.1395843	105.155734	0.416363	105.161977	
2010	289	1700	289.708333333		10/16/2010 17:00	39.3474	0.5803	13.41	46.9961	105.1395843	105.155734	0.416363	105.161977	
2010	289	1800	289.750000000		10/16/2010 18:00	38.8174	0.5729	13.26	47.0138	105.1341813	105.150331	0.411049	105.156663	
2010	289	1900	289.791666667		10/16/2010 19:00	38.6174	0.5701	13.16	47.0205	105.1321425	105.148292	0.409044	105.154658	
2010	289	2000	289.833333333		10/16/2010 20:00	38.5274	0.5689	13.08	47.0235	105.131225	105.147375	0.408141	105.153755	
2010	289	2100	289.875000000		10/16/2010 21:00	38.3574	0.5665	13.01	47.0292	105.129492	105.145642	0.406437	105.152051	
2010	289	2200	289.916666667		10/16/2010 22:00	38.2374	0.5648	12.95	47.0332	105.1282687	105.144419	0.405234	105.150848	
2010	289	2300	289.958333333		10/16/2010 23:00	37.9874	0.5613	12.89	47.0416	105.1257201	105.141870	0.402727	105.148341	
2010	289	2400	290.000000000		10/17/2010 0:00	37.8474	0.5594	12.83	47.0463	105.124293	105.140443	0.401323	105.146937	
2010	290	100	290.041666667		10/17/2010 1:00	37.5664	0.5555	12.78	47.0557	105.1214284	105.137578	0.398506	105.144120	
2010	290	200	290.083333333		10/17/2010 2:00	37.3004	0.5517	12.72	47.0646	105.1187167	105.134867	0.395839	105.141453	
2010	290	300	290.125000000		10/17/2010 3:00	37.2264	0.5507	12.68	47.0671	105.1179623	105.134112	0.395097	105.140711	
2010	290	400	290.166666667		10/17/2010 4:00	37.0224	0.5479	12.63	47.0739	105.1158827	105.132033	0.393052	105.138666	
2010	290	500	290.208333333		10/17/2010 5:00	36.7504	0.5441	12.61	47.0830	105.1131099	105.129260	0.390324	105.135938	
2010	290	600	290.250000000		10/17/2010 6:00	36.5734	0.5416	12.58	47.0889	105.1113055	105.127455	0.388550	105.134164	
2010	290	700	290.291666667		10/17/2010 7:00	35.7324	0.5298	13.98	47.1170	105.1027322	105.118882	0.380118	105.125732	
2010	290	800	290.333333333		10/17/2010 8:00	35.4844	0.5264	13.89	47.1253	105.100204	105.116354	0.377631	105.123245	
2010	290	900	290.375000000		10/17/2010 9:00	34.7714	0.5164	13.76	47.1492	105.0929355	105.109085	0.370482	105.116096	
2010	290	1000	290.416666667		10/17/2010 10:00	34.6814	0.5151	13.68	47.1522	105.0920181	105.108168	0.369580	105.115194	
2010	290	1100	290.458333333		10/17/2010 11:00	34.9724	0.5192	13.6	47.1424	105.0949846	105.111134	0.372498	105.118112	
2010	290	1200	290.500000000		10/17/2010 12:00	35.6884	0.5292	13.55	47.1185	105.1022836	105.118433	0.379676	105.125290	
2010	290	1300	290.541666667		10/17/2010 13:00	34.8884	0.5180	13.51	47.1452	105.0941283	105.110278	0.371655	105.117269	
2010	290	1400	290.583333333		10/17/2010 14:00	34.6614	0.5149	13.48	47.1528	105.0918142	105.107964	0.369379	105.114993	
2010	290	1500	290.625000000		10/17/2010 15:00	35.1984	0.5224	13.46	47.1349	105.0972885	105.113438	0.374764	105.120378	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1600	290.666666667		10/17/2010 16:00	34.7014	0.5154	13.48	47.1515	105.0922219	105.108372	0.369780	105.115394	
2010	290	1700	290.708333333		10/17/2010 17:00	34.8934	0.5181	13.4	47.1451	105.0941792	105.110329	0.371705	105.117319	
2010	290	1800	290.750000000		10/17/2010 18:00	34.6314	0.5144	13.23	47.1538	105.0915083	105.107658	0.369079	105.114693	
2010	290	1900	290.791666667		10/17/2010 19:00	34.3694	0.5108	13.15	47.1626	105.0888375	105.104987	0.366452	105.112066	
2010	290	2000	290.833333333		10/17/2010 20:00	34.1234	0.5073	13.06	47.1708	105.0863297	105.102480	0.363985	105.109599	
2010	290	2100	290.875000000		10/17/2010 21:00	34.0524	0.5063	13	47.1732	105.0856059	105.101756	0.363273	105.108887	
2010	290	2200	290.916666667		10/17/2010 22:00	33.8474	0.5035	12.93	47.1801	105.0835161	105.099666	0.361218	105.106832	
2010	290	2300	290.958333333		10/17/2010 23:00	33.3894	0.4971	12.87	47.1954	105.0788471	105.094997	0.356626	105.102240	
2010	290	2400	291.000000000		10/18/2010 0:00	33.0124	0.4918	12.82	47.2080	105.0750039	105.091154	0.352846	105.098460	
2010	291	100	291.041666667		10/18/2010 1:00	32.9184	0.4905	12.76	47.2111	105.0740456	105.090195	0.351903	105.097517	
2010	291	200	291.083333333		10/18/2010 2:00	32.7554	0.4882	12.72	47.2166	105.072384	105.088534	0.350269	105.095883	
2010	291	300	291.125000000		10/18/2010 3:00	32.5014	0.4847	12.67	47.2251	105.0697947	105.085944	0.347722	105.093336	
2010	291	400	291.166666667		10/18/2010 4:00	31.8264	0.4752	12.63	47.2477	105.0629136	105.079063	0.340955	105.086569	
2010	291	500	291.208333333		10/18/2010 5:00	32.0624	0.4785	12.61	47.2398	105.0653194	105.081469	0.343321	105.088935	
2010	291	600	291.250000000		10/18/2010 6:00	32.0914	0.4789	12.59	47.2388	105.065615	105.081765	0.343612	105.089226	
2010	291	700	291.291666667		10/18/2010 7:00	31.3394	0.4684	13.9	47.2639	105.057949	105.074099	0.336072	105.081686	
2010	291	800	291.333333333		10/18/2010 8:00	31.3064	0.4680	13.8	47.2651	105.0576126	105.073762	0.335741	105.081355	
2010	291	900	291.375000000		10/18/2010 9:00	30.9754	0.4633	13.72	47.2761	105.0542383	105.070388	0.332422	105.078036	
2010	291	1000	291.416666667		10/18/2010 10:00	31.5434	0.4713	13.66	47.2571	105.0600286	105.076178	0.338117	105.083731	
2010	291	1100	291.458333333		10/18/2010 11:00	30.9034	0.4623	13.59	47.2785	105.0535043	105.069654	0.331700	105.077314	
2010	291	1200	291.500000000		10/18/2010 12:00	31.8604	0.4757	13.53	47.2465	105.0632602	105.079410	0.341295	105.086909	
2010	291	1300	291.541666667		10/18/2010 13:00	32.3784	0.4830	13.48	47.2292	105.0685408	105.084691	0.346489	105.092103	
2010	291	1400	291.583333333		10/18/2010 14:00	31.6814	0.4732	13.46	47.2525	105.0614354	105.077585	0.339501	105.085115	
2010	291	1500	291.625000000		10/18/2010 15:00	32.2314	0.4809	13.46	47.2341	105.0670422	105.083192	0.345015	105.090629	
2010	291	1600	291.666666667		10/18/2010 16:00	31.8604	0.4757	13.48	47.2465	105.0632602	105.079410	0.341295	105.086909	
2010	291	1700	291.708333333		10/18/2010 17:00	31.8334	0.4753	13.35	47.2474	105.0629849	105.079135	0.341025	105.086639	
2010	291	1800	291.750000000		10/18/2010 18:00	31.7654	0.4744	13.22	47.2497	105.0622917	105.078442	0.340343	105.085957	
2010	291	1900	291.791666667		10/18/2010 19:00	31.5774	0.4718	13.12	47.2560	105.0603752	105.076525	0.338458	105.084072	
2010	291	2000	291.833333333		10/18/2010 20:00	31.4074	0.4694	13.04	47.2617	105.0586422	105.074792	0.336753	105.082367	
2010	291	2100	291.875000000		10/18/2010 21:00	31.5174	0.4709	12.98	47.2580	105.0597635	105.075913	0.337856	105.083470	
2010	291	2200	291.916666667		10/18/2010 22:00	31.4234	0.4696	12.91	47.2611	105.0588053	105.074955	0.336914	105.082528	
2010	291	2300	291.958333333		10/18/2010 23:00	31.6234	0.4724	12.86	47.2544	105.0608441	105.076994	0.338919	105.084533	
2010	291	2400	292.000000000		10/19/2010 0:00	30.8914	0.4622	12.8	47.2789	105.053382	105.069532	0.331580	105.077194	
2010	292	100	292.041666667		10/19/2010 1:00	30.8554	0.4617	12.74	47.2801	105.053015	105.069165	0.331219	105.076833	
2010	292	200	292.083333333		10/19/2010 2:00	30.8894	0.4621	12.7	47.2790	105.0533616	105.069511	0.331560	105.077174	
2010	292	300	292.125000000		10/19/2010 3:00	30.8454	0.4615	12.65	47.2805	105.052913	105.069063	0.331119	105.076733	
2010	292	400	292.166666667		10/19/2010 4:00	30.6904	0.4594	12.62	47.2857	105.0513329	105.067483	0.329565	105.075179	
2010	292	500	292.208333333		10/19/2010 5:00	30.7854	0.4607	12.59	47.2825	105.0523014	105.068451	0.330517	105.076131	
2010	292	600	292.250000000		10/19/2010 6:00	30.9494	0.4630	12.56	47.2770	105.0539732	105.070123	0.332161	105.077775	
2010	292	700	292.291666667		10/19/2010 7:00	30.6044	0.4582	13.91	47.2885	105.0504562	105.066606	0.328702	105.074316	
2010	292	800	292.333333333		10/19/2010 8:00	30.9294	0.4627	13.81	47.2777	105.0537693	105.069919	0.331961	105.077575	
2010	292	900	292.375000000		10/19/2010 9:00	30.3724	0.4549	13.73	47.2963	105.0480912	105.064241	0.326376	105.071990	
2010	292	1000	292.416666667		10/19/2010 10:00	31.0314	0.4641	13.63	47.2742	105.0548092	105.070959	0.332984	105.078598	
2010	292	1100	292.458333333		10/19/2010 11:00	31.3244	0.4682	13.55	47.2644	105.0577961	105.073946	0.335921	105.081535	
2010	292	1200	292.500000000		10/19/2010 12:00	31.3174	0.4681	13.5	47.2647	105.0577247	105.073875	0.335851	105.081465	
2010	292	1300	292.541666667		10/19/2010 13:00	31.4594	0.4701	13.46	47.2599	105.0591723	105.075322	0.337275	105.082889	
2010	292	1400	292.583333333		10/19/2010 14:00	32.0854	0.4789	13.43	47.2390	105.0655539	105.081704	0.343551	105.089165	
2010	292	1500	292.625000000		10/19/2010 15:00	33.4104	0.4974	13.41	47.1947	105.0790612	105.095211	0.356836	105.102450	
2010	292	1600	292.666666667		10/19/2010 16:00	33.0894	0.4929	13.44	47.2054	105.0757889	105.091939	0.353618	105.099232	
2010	292	1700	292.708333333		10/19/2010 17:00	33.1744	0.4941	13.36	47.2026	105.0766554	105.092805	0.354470	105.100084	
2010	292	1800	292.750000000		10/19/2010 18:00	33.0504	0.4923	13.21	47.2067	105.0753913	105.091541	0.353227	105.098841	
2010	292	1900	292.791666667		10/19/2010 19:00	33.0894	0.4929	13.12	47.2054	105.0757889	105.091939	0.353618	105.099232	
2010	292	2000	292.833333333		10/19/2010 20:00	33.1284	0.4934	13.04	47.2041	105.0761864	105.092336	0.354009	105.099623	
2010	292	2100	292.875000000		10/19/2010 21:00	32.8344	0.4893	12.97	47.2139	105.0731893	105.089339	0.351061	105.096675	
2010	292	2200	292.916666667		10/19/2010 22:00	32.7064	0.4875	12.91	47.2182	105.0718845	105.088034	0.349778	105.095392	
2010	292	2300	292.958333333		10/19/2010 23:00	32.7724	0.4885	12.85	47.2160	105.0725573	105.088707	0.350439	105.096053	
2010	292	2400	293.000000000		10/20/2010 0:00	32.5924	0.4859	12.79	47.2220	105.0707223	105.086872	0.348635	105.094249	
2010	293	100	293.041666667		10/20/2010 1:00	32.5574	0.4855	12.73	47.2232	105.0703655	105.086515	0.348284	105.093898	
2010	293	200	293.083333333		10/20/2010 2:00	32.2384	0.4810	12.69	47.2339	105.0671136	105.083263	0.345085	105.090699	
2010	293	300	293.125000000		10/20/2010 3:00	32.0524	0.4784	12.65	47.2401	105.0652175	105.081367	0.343220	105.088834	
2010	293	400	293.166666667		10/20/2010 4:00	32.0054	0.4777	12.62	47.2417	105.0647383	105.080888	0.342749	105.088363	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	500	293.208333333		10/20/2010 5:00	31.7324	0.4739	12.59	47.2508	105.0619553	105.078105	0.340012	105.085626	
2010	293	600	293.250000000		10/20/2010 6:00	31.7914	0.4747	12.56	47.2488	105.0625568	105.078707	0.340604	105.086218	
2010	293	700	293.291666667		10/20/2010 7:00	31.1984	0.4665	13.88	47.2687	105.0565116	105.072661	0.334658	105.080272	
2010	293	800	293.333333333		10/20/2010 8:00	31.1994	0.4665	13.81	47.2686	105.0565218	105.072672	0.334668	105.080282	
2010	293	900	293.375000000		10/20/2010 9:00	31.0414	0.4643	13.71	47.2739	105.0549111	105.071061	0.333084	105.078698	
2010	293	1000	293.416666667		10/20/2010 10:00	30.7004	0.4595	13.62	47.2853	105.0514349	105.067585	0.329665	105.075279	
2010	293	1100	293.458333333		10/20/2010 11:00	31.5544	0.4714	13.56	47.2568	105.0601407	105.076291	0.338227	105.083841	
2010	293	1200	293.500000000		10/20/2010 12:00	31.0214	0.4640	13.51	47.2746	105.0547072	105.070857	0.332883	105.078497	
2010	293	1300	293.541666667		10/20/2010 13:00	31.3614	0.4687	13.46	47.2632	105.0581733	105.074323	0.336292	105.081906	
2010	293	1400	293.583333333		10/20/2010 14:00	32.0244	0.4780	13.44	47.2410	105.064932	105.081082	0.342940	105.088554	
2010	293	1500	293.625000000		10/20/2010 15:00	31.6354	0.4726	13.43	47.2540	105.0609665	105.077116	0.339039	105.084653	
2010	293	1600	293.666666667		10/20/2010 16:00	32.0594	0.4785	13.44	47.2399	105.0652888	105.081439	0.343291	105.088905	
2010	293	1700	293.708333333		10/20/2010 17:00	32.0364	0.4782	13.33	47.2406	105.0650543	105.081204	0.343060	105.088674	
2010	293	1800	293.750000000		10/20/2010 18:00	32.0374	0.4782	13.19	47.2406	105.0650645	105.081214	0.343070	105.088684	
2010	293	1900	293.791666667		10/20/2010 19:00	31.8304	0.4753	13.09	47.2475	105.0629543	105.079104	0.340995	105.086609	
2010	293	2000	293.833333333		10/20/2010 20:00	31.8644	0.4758	13.02	47.2464	105.0633009	105.079451	0.341336	105.086950	
2010	293	2100	293.875000000		10/20/2010 21:00	31.5884	0.4719	12.95	47.2556	105.0604873	105.076637	0.338568	105.084182	
2010	293	2200	293.916666667		10/20/2010 22:00	31.5894	0.4719	12.88	47.2556	105.0604975	105.076647	0.338578	105.084192	
2010	293	2300	293.958333333		10/20/2010 23:00	31.5854	0.4719	12.82	47.2557	105.0604568	105.076607	0.338538	105.084152	
2010	293	2400	294.000000000		10/21/2010 0:00	31.4424	0.4699	12.78	47.2605	105.058999	105.075149	0.337104	105.082718	
2010	294	100	294.041666667		10/21/2010 1:00	31.2684	0.4674	12.73	47.2663	105.0572252	105.073375	0.335360	105.080974	
2010	294	200	294.083333333		10/21/2010 2:00	31.3204	0.4682	12.69	47.2646	105.0577553	105.073905	0.335881	105.081495	
2010	294	300	294.125000000		10/21/2010 3:00	31.0904	0.4650	12.65	47.2723	105.0554106	105.071560	0.333575	105.079189	
2010	294	400	294.166666667		10/21/2010 4:00	30.8654	0.4618	12.62	47.2798	105.0531169	105.069267	0.331319	105.076933	
2010	294	500	294.208333333		10/21/2010 5:00	30.8384	0.4614	12.59	47.2807	105.0528417	105.068992	0.331048	105.076662	
2010	294	600	294.250000000		10/21/2010 6:00	30.9024	0.4623	12.57	47.2786	105.0534941	105.069644	0.331690	105.077304	
2010	294	700	294.291666667		10/21/2010 7:00	30.5254	0.4571	13.89	47.2912	105.0496509	105.065801	0.327910	105.073524	
2010	294	800	294.333333333		10/21/2010 8:00	29.7134	0.4457	13.84	47.3183	105.0413732	105.057523	0.319769	105.065383	
2010	294	900	294.375000000		10/21/2010 9:00	29.8164	0.4471	13.74	47.3149	105.0424232	105.058573	0.320801	105.066415	
2010	294	1000	294.416666667		10/21/2010 10:00	29.8014	0.4469	13.64	47.3154	105.0422703	105.058420	0.320651	105.066265	
2010	294	1100	294.458333333		10/21/2010 11:00	29.5704	0.4437	13.57	47.3231	105.0399154	105.056065	0.318335	105.063949	
2010	294	1200	294.500000000		10/21/2010 12:00	28.7634	0.4324	13.5	47.3501	105.0316887	105.047838	0.310244	105.055858	
2010	294	1300	294.541666667		10/21/2010 13:00	29.7074	0.4456	13.46	47.3185	105.041312	105.057462	0.319709	105.065323	
2010	294	1400	294.583333333		10/21/2010 14:00	28.8464	0.4336	13.43	47.3473	105.0325348	105.048685	0.311076	105.056690	
2010	294	1500	294.625000000		10/21/2010 15:00	29.5924	0.4440	13.41	47.3224	105.0401397	105.056290	0.318556	105.064170	
2010	294	1600	294.666666667		10/21/2010 16:00	29.3664	0.4409	13.44	47.3299	105.0378358	105.053986	0.316290	105.061904	
2010	294	1700	294.708333333		10/21/2010 17:00	29.0684	0.4367	13.3	47.3399	105.0347979	105.050948	0.313302	105.058916	
2010	294	1800	294.750000000		10/21/2010 18:00	28.6554	0.4309	13.18	47.3537	105.0305877	105.046738	0.309161	105.054775	
2010	294	1900	294.791666667		10/21/2010 19:00	28.1484	0.4238	13.08	47.3707	105.0254192	105.041569	0.304077	105.049691	
2010	294	2000	294.833333333		10/21/2010 20:00	28.1524	0.4239	13.01	47.3705	105.02546	105.041610	0.304118	105.049732	
2010	294	2100	294.875000000		10/21/2010 21:00	28.2154	0.4248	12.95	47.3684	105.0261022	105.042252	0.304749	105.050363	
2010	294	2200	294.916666667		10/21/2010 22:00	27.4714	0.4144	12.89	47.3933	105.0185177	105.034668	0.297290	105.042904	
2010	294	2300	294.958333333		10/21/2010 23:00	27.4964	0.4147	12.82	47.3925	105.0187726	105.034922	0.297540	105.043154	
2010	294	2400	295.000000000		10/22/2010 0:00	27.2704	0.4116	12.78	47.4000	105.0164687	105.032619	0.295274	105.040888	
2010	295	100	295.041666667		10/22/2010 1:00	27.0714	0.4088	12.73	47.4067	105.01444	105.030590	0.293279	105.038893	
2010	295	200	295.083333333		10/22/2010 2:00	26.5614	0.4017	12.7	47.4238	105.009241	105.025391	0.288166	105.033780	
2010	295	300	295.125000000		10/22/2010 3:00	26.3944	0.3993	12.67	47.4293	105.0075386	105.023688	0.286491	105.032105	
2010	295	400	295.166666667		10/22/2010 4:00	26.3224	0.3983	12.66	47.4317	105.0068046	105.022954	0.285769	105.031383	
2010	295	500	295.208333333		10/22/2010 5:00	26.1354	0.3957	12.63	47.4380	105.0048983	105.021048	0.283894	105.029508	
2010	295	600	295.250000000		10/22/2010 6:00	25.8034	0.3911	12.63	47.4491	105.0015138	105.017664	0.280566	105.026180	
2010	295	700	295.291666667		10/22/2010 7:00	25.6864	0.3894	13.05	47.4530	105.0003211	105.016471	0.279392	105.025006	
2010	295	800	295.333333333		10/22/2010 8:00	25.0834	0.3810	13.59	47.4732	104.9941739	105.010324	0.273347	105.018961	
2010	295	900	295.375000000		10/22/2010 9:00	24.8544	0.3778	13.56	47.4808	104.9918395	105.007989	0.271051	105.016665	
2010	295	1000	295.416666667		10/22/2010 10:00	24.9554	0.3792	13.52	47.4775	104.9928691	105.009019	0.272063	105.017677	
2010	295	1100	295.458333333		10/22/2010 11:00	24.0564	0.3667	13.49	47.5075	104.9837045	104.999854	0.263049	105.008663	
2010	295	1200	295.500000000		10/22/2010 12:00	24.0974	0.3672	13.47	47.5062	104.9841224	105.000272	0.263461	105.009075	
2010	295	1300	295.541666667		10/22/2010 13:00	22.8504	0.3498	13.44	47.5479	104.9714103	104.987560	0.250958	104.996572	
2010	295	1400	295.583333333		10/22/2010 14:00	23.1844	0.3545	13.41	47.5367	104.9748151	104.990965	0.254306	104.999920	
2010	295	1500	295.625000000		10/22/2010 15:00	24.0584	0.3667	13.41	47.5075	104.9837249	104.999875	0.263069	105.008683	
2010	295	1600	295.666666667		10/22/2010 16:00	23.1814	0.3544	13.43	47.5368	104.9747845	104.990934	0.254276	104.999890	
2010	295	1700	295.708333333		10/22/2010 17:00	22.9204	0.3508	13.24	47.5455	104.9721238	104.988274	0.251659	104.997273	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	1800	295.750000000		10/22/2010 18:00	22.3714	0.3431	13.13	47.5639	104.9665272	104.982677	0.246155	104.991769	
2010	295	1900	295.791666667		10/22/2010 19:00	22.2334	0.3412	13.04	47.5685	104.9651204	104.981270	0.244771	104.990385	
2010	295	2000	295.833333333		10/22/2010 20:00	21.9024	0.3365	12.97	47.5796	104.9617461	104.977896	0.241453	104.987067	
2010	295	2100	295.875000000		10/22/2010 21:00	21.5824	0.3321	12.9	47.5903	104.958484	104.974634	0.238244	104.983858	
2010	295	2200	295.916666667		10/22/2010 22:00	21.2154	0.3269	12.85	47.6026	104.9547427	104.970893	0.234564	104.980178	
2010	295	2300	295.958333333		10/22/2010 23:00	20.9904	0.3238	12.8	47.6101	104.952449	104.968599	0.232309	104.977923	
2010	295	2400	296.000000000		10/23/2010 0:00	20.7154	0.3200	12.75	47.6193	104.9496456	104.965795	0.229551	104.975165	
2010	296	100	296.041666667		10/23/2010 1:00	20.5164	0.3172	12.71	47.6259	104.9476169	104.963767	0.227556	104.973170	
2010	296	200	296.083333333		10/23/2010 2:00	20.1734	0.3124	12.68	47.6374	104.9441203	104.960270	0.224117	104.969731	
2010	296	300	296.125000000		10/23/2010 3:00	19.9904	0.3098	12.67	47.6435	104.9422548	104.958405	0.222282	104.967896	
2010	296	400	296.166666667		10/23/2010 4:00	19.7704	0.3068	12.66	47.6509	104.9400121	104.956162	0.220076	104.965690	
2010	296	500	296.208333333		10/23/2010 5:00	19.5794	0.3041	12.64	47.6573	104.938065	104.954215	0.218161	104.963775	
2010	296	600	296.250000000		10/23/2010 6:00	19.5814	0.3041	12.63	47.6572	104.9380853	104.954235	0.218181	104.963795	
2010	296	700	296.291666667		10/23/2010 7:00	19.3084	0.3003	12.61	47.6663	104.9353023	104.951452	0.215444	104.961058	
2010	296	800	296.333333333		10/23/2010 8:00	19.0204	0.2963	13.64	47.6760	104.9323664	104.948516	0.212557	104.958171	
2010	296	900	296.375000000		10/23/2010 9:00	18.8714	0.2942	13.64	47.6809	104.9308475	104.946997	0.211063	104.956677	
2010	296	1000	296.416666667		10/23/2010 10:00	18.9154	0.2948	13.61	47.6795	104.931296	104.947446	0.211504	104.957118	
2010	296	1100	296.458333333		10/23/2010 11:00	18.6604	0.2912	13.59	47.6880	104.9286965	104.944846	0.208947	104.954561	
2010	296	1200	296.500000000		10/23/2010 12:00	18.6124	0.2906	13.56	47.6896	104.9282071	104.944357	0.208466	104.954080	
2010	296	1300	296.541666667		10/23/2010 13:00	18.5934	0.2903	13.52	47.6902	104.9280135	104.944163	0.208275	104.953889	
2010	296	1400	296.583333333		10/23/2010 14:00	18.1644	0.2843	13.52	47.7046	104.9236401	104.939790	0.203974	104.949588	
2010	296	1500	296.625000000		10/23/2010 15:00	18.3564	0.2870	13.51	47.6982	104.9255974	104.941747	0.205899	104.951513	
2010	296	1600	296.666666667		10/23/2010 16:00	18.1174	0.2837	13.52	47.7062	104.923161	104.939311	0.203503	104.949117	
2010	296	1700	296.708333333		10/23/2010 17:00	17.9154	0.2808	13.32	47.7129	104.9211018	104.937252	0.201477	104.947091	
2010	296	1800	296.750000000		10/23/2010 18:00	17.6794	0.2775	13.2	47.7208	104.9186959	104.934846	0.199111	104.944725	
2010	296	1900	296.791666667		10/23/2010 19:00	17.5244	0.2754	13.1	47.7260	104.9171158	104.933266	0.197557	104.943171	
2010	296	2000	296.833333333		10/23/2010 20:00	17.4994	0.2750	13.03	47.7268	104.916861	104.933011	0.197306	104.942920	
2010	296	2100	296.875000000		10/23/2010 21:00	17.2154	0.2710	12.97	47.7363	104.9139658	104.930116	0.194459	104.940073	
2010	296	2200	296.916666667		10/23/2010 22:00	17.0734	0.2691	12.89	47.7411	104.9125182	104.928668	0.193035	104.938649	
2010	296	2300	296.958333333		10/23/2010 23:00	16.9554	0.2674	12.84	47.7450	104.9113153	104.927465	0.191852	104.937466	
2010	296	2400	297.000000000		10/24/2010 0:00	16.7544	0.2646	12.8	47.7518	104.9092663	104.925416	0.189837	104.935451	
2010	297	100	297.041666667		10/24/2010 1:00	16.6244	0.2628	12.74	47.7561	104.907941	104.924091	0.188533	104.934147	
2010	297	200	297.083333333		10/24/2010 2:00	16.4934	0.2610	12.7	47.7605	104.9066056	104.922755	0.187220	104.932834	
2010	297	300	297.125000000		10/24/2010 3:00	16.4344	0.2601	12.69	47.7625	104.9060041	104.922154	0.186628	104.932242	
2010	297	400	297.166666667		10/24/2010 4:00	16.3504	0.2590	12.68	47.7653	104.9051478	104.921298	0.185786	104.931400	
2010	297	500	297.208333333		10/24/2010 5:00	16.1144	0.2557	12.68	47.7732	104.902742	104.918892	0.183420	104.929034	
2010	297	600	297.250000000		10/24/2010 6:00	16.1384	0.2560	12.66	47.7724	104.9029867	104.919136	0.183660	104.929274	
2010	297	700	297.291666667		10/24/2010 7:00	16.1574	0.2563	12.78	47.7717	104.9031803	104.919330	0.183851	104.929465	
2010	297	800	297.333333333		10/24/2010 8:00	16.0214	0.2544	13.64	47.7763	104.9017939	104.917944	0.182487	104.928101	
2010	297	900	297.375000000		10/24/2010 9:00	15.9384	0.2532	13.63	47.7790	104.9009478	104.917098	0.181655	104.927269	
2010	297	1000	297.416666667		10/24/2010 10:00	15.2884	0.2441	13.56	47.8008	104.8943216	104.910471	0.175138	104.920752	
2010	297	1100	297.458333333		10/24/2010 11:00	15.3824	0.2454	13.56	47.7976	104.8952798	104.911430	0.176081	104.921695	
2010	297	1200	297.500000000		10/24/2010 12:00	15.9844	0.2538	13.55	47.7775	104.9014167	104.917567	0.182116	104.927730	
2010	297	1300	297.541666667		10/24/2010 13:00	17.3274	0.2726	13.53	47.7326	104.9151076	104.931257	0.195582	104.941196	
2010	297	1400	297.583333333		10/24/2010 14:00	16.1474	0.2561	13.52	47.7721	104.9030784	104.919228	0.183751	104.929365	
2010	297	1500	297.625000000		10/24/2010 15:00	16.2124	0.2570	13.54	47.7699	104.903741	104.919891	0.184402	104.930016	
2010	297	1600	297.666666667		10/24/2010 16:00	16.2594	0.2577	13.57	47.7683	104.9042202	104.920370	0.184874	104.930488	
2010	297	1700	297.708333333		10/24/2010 17:00	16.3554	0.2590	13.38	47.7651	104.9051988	104.921349	0.185836	104.931450	
2010	297	1800	297.750000000		10/24/2010 18:00	16.5404	0.2616	13.25	47.7589	104.9070847	104.923235	0.187691	104.933305	
2010	297	1900	297.791666667		10/24/2010 19:00	16.7054	0.2639	13.16	47.7534	104.9087668	104.924917	0.189345	104.934959	
2010	297	2000	297.833333333		10/24/2010 20:00	16.6584	0.2633	13.08	47.7550	104.9082876	104.924437	0.188874	104.934488	
2010	297	2100	297.875000000		10/24/2010 21:00	16.4574	0.2605	13.02	47.7617	104.9062386	104.922388	0.186859	104.932473	
2010	297	2200	297.916666667		10/24/2010 22:00	16.6234	0.2628	12.94	47.7561	104.9079308	104.924081	0.188523	104.934137	
2010	297	2300	297.958333333		10/24/2010 23:00	16.7764	0.2649	12.88	47.7510	104.9094906	104.925640	0.190057	104.935671	
2010	297	2400	298.000000000		10/25/2010 0:00	16.7164	0.2641	12.84	47.7530	104.9088789	104.925029	0.189456	104.935070	
2010	298	100	298.041666667		10/25/2010 1:00	16.9774	0.2677	12.78	47.7443	104.9115396	104.927689	0.192073	104.937687	
2010	298	200	298.083333333		10/25/2010 2:00	17.0374	0.2686	12.75	47.7423	104.9121513	104.928301	0.192674	104.938288	
2010	298	300	298.125000000		10/25/2010 3:00	17.0744	0.2691	12.71	47.7410	104.9125284	104.928678	0.193045	104.938659	
2010	298	400	298.166666667		10/25/2010 4:00	17.1304	0.2699	12.67	47.7392	104.9130993	104.929249	0.193607	104.939221	
2010	298	500	298.208333333		10/25/2010 5:00	17.2024	0.2709	12.67	47.7368	104.9138333	104.929983	0.194329	104.939943	
2010	298	600	298.250000000		10/25/2010 6:00	17.5584	0.2758	12.66	47.7249	104.9174624	104.933612	0.197898	104.943512	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	700	298.291666667		10/25/2010 7:00	17.6524	0.2772	12.65	47.7217	104.9184207	104.934571	0.198840	104.944454	
2010	298	800	298.333333333		10/25/2010 8:00	17.9114	0.2808	12.9	47.7131	104.921061	104.937211	0.201437	104.947051	
2010	298	900	298.375000000		10/25/2010 9:00	18.3044	0.2863	13.63	47.6999	104.9250673	104.941217	0.205378	104.950992	
2010	298	1000	298.416666667		10/25/2010 10:00	18.4214	0.2879	13.62	47.6960	104.9262601	104.942410	0.206551	104.952165	
2010	298	1100	298.458333333		10/25/2010 11:00	18.8724	0.2942	13.59	47.6809	104.9308576	104.947007	0.211073	104.956687	
2010	298	1200	298.500000000		10/25/2010 12:00	18.8964	0.2945	13.59	47.6801	104.9311023	104.947252	0.211313	104.956927	
2010	298	1300	298.541666667		10/25/2010 13:00	19.0624	0.2969	13.58	47.6746	104.9327945	104.948944	0.212978	104.958592	
2010	298	1400	298.583333333		10/25/2010 14:00	19.0624	0.2969	13.57	47.6746	104.9327945	104.948944	0.212978	104.958592	
2010	298	1500	298.625000000		10/25/2010 15:00	18.4234	0.2879	13.58	47.6959	104.9262804	104.942430	0.206571	104.952185	
2010	298	1600	298.666666667		10/25/2010 16:00	19.3784	0.3013	13.58	47.6640	104.9360159	104.952166	0.216146	104.961760	
2010	298	1700	298.708333333		10/25/2010 17:00	19.5464	0.3036	13.37	47.6584	104.9377285	104.953878	0.217830	104.963444	
2010	298	1800	298.750000000		10/25/2010 18:00	19.5824	0.3041	13.25	47.6572	104.9380955	104.954245	0.218191	104.963805	
2010	298	1900	298.791666667		10/25/2010 19:00	19.6864	0.3056	13.16	47.6537	104.9391557	104.955306	0.219234	104.964848	
2010	298	2000	298.833333333		10/25/2010 20:00	19.7364	0.3063	13.07	47.6520	104.9396655	104.955815	0.219735	104.965349	
2010	298	2100	298.875000000		10/25/2010 21:00	19.6984	0.3057	13	47.6533	104.9392781	104.955428	0.219354	104.964968	
2010	298	2200	298.916666667		10/25/2010 22:00	19.7824	0.3069	12.94	47.6505	104.9401344	104.956284	0.220197	104.965811	
2010	298	2300	298.958333333		10/25/2010 23:00	19.9244	0.3089	12.89	47.6457	104.941582	104.957732	0.221620	104.967234	
2010	298	2400	299.000000000		10/26/2010 0:00	19.8504	0.3079	12.83	47.6482	104.9408276	104.956977	0.220878	104.966492	
2010	299	100	299.041666667		10/26/2010 1:00	19.8754	0.3082	12.78	47.6474	104.9410824	104.957232	0.221129	104.966743	
2010	299	200	299.083333333		10/26/2010 2:00	19.8034	0.3072	12.73	47.6498	104.9403485	104.956498	0.220407	104.966021	
2010	299	300	299.125000000		10/26/2010 3:00	19.9694	0.3095	12.7	47.6442	104.9420407	104.958191	0.222072	104.967686	
2010	299	400	299.166666667		10/26/2010 4:00	20.1124	0.3115	12.67	47.6394	104.9434985	104.959648	0.223505	104.969119	
2010	299	500	299.208333333		10/26/2010 5:00	20.2064	0.3128	12.65	47.6363	104.9444567	104.960607	0.224448	104.970062	
2010	299	600	299.250000000		10/26/2010 6:00	20.4664	0.3165	12.65	47.6276	104.9471072	104.963257	0.227055	104.972669	
2010	299	700	299.291666667		10/26/2010 7:00	20.6434	0.3190	12.73	47.6217	104.9489116	104.965061	0.228829	104.974443	
2010	299	800	299.333333333		10/26/2010 8:00	21.3174	0.3284	13.7	47.5991	104.9557825	104.971932	0.235587	104.981201	
2010	299	900	299.375000000		10/26/2010 9:00	21.1074	0.3254	13.7	47.6062	104.9536417	104.969792	0.233482	104.979096	
2010	299	1000	299.416666667		10/26/2010 10:00	20.8124	0.3213	13.65	47.6160	104.9506344	104.966784	0.230524	104.976138	
2010	299	1100	299.458333333		10/26/2010 11:00	21.5824	0.3321	13.6	47.5903	104.958484	104.974634	0.238244	104.983858	
2010	299	1200	299.500000000		10/26/2010 12:00	20.3934	0.3155	13.57	47.6300	104.9463631	104.962513	0.226323	104.971937	
2010	299	1300	299.541666667		10/26/2010 13:00	21.9084	0.3366	13.56	47.5794	104.9618073	104.977957	0.241513	104.987127	
2010	299	1400	299.583333333		10/26/2010 14:00	22.2934	0.3420	13.58	47.5665	104.9657321	104.981882	0.245373	104.990987	
2010	299	1500	299.625000000		10/26/2010 15:00	22.3394	0.3427	13.59	47.5650	104.966201	104.982351	0.245834	104.991448	
2010	299	1600	299.666666667		10/26/2010 16:00	22.6824	0.3474	13.62	47.5535	104.9696976	104.985847	0.249273	104.994887	
2010	299	1700	299.708333333		10/26/2010 17:00	22.7374	0.3482	13.38	47.5516	104.9702583	104.986408	0.249825	104.995439	
2010	299	1800	299.750000000		10/26/2010 18:00	22.8114	0.3493	13.27	47.5492	104.9710127	104.987163	0.250567	104.996181	
2010	299	1900	299.791666667		10/26/2010 19:00	22.9524	0.3512	13.17	47.5445	104.9724501	104.988600	0.251980	104.997594	
2010	299	2000	299.833333333		10/26/2010 20:00	22.9644	0.3514	13.1	47.5441	104.9725724	104.988722	0.252101	104.997715	
2010	299	2100	299.875000000		10/26/2010 21:00	22.9514	0.3512	13.03	47.5445	104.9724399	104.988590	0.251970	104.997584	
2010	299	2200	299.916666667		10/26/2010 22:00	23.1984	0.3547	12.96	47.5362	104.9749578	104.991108	0.254447	105.000061	
2010	299	2300	299.958333333		10/26/2010 23:00	23.1894	0.3545	12.9	47.5365	104.9748661	104.991016	0.254357	104.999971	
2010	299	2400	300.000000000		10/27/2010 0:00	23.0464	0.3525	12.85	47.5413	104.9734083	104.989558	0.252923	104.998537	
2010	300	100	300.041666667		10/27/2010 1:00	23.1764	0.3544	12.79	47.5370	104.9747336	104.990883	0.254226	104.999840	
2010	300	200	300.083333333		10/27/2010 2:00	23.2124	0.3549	12.75	47.5358	104.9751006	104.991250	0.254587	105.000201	
2010	300	300	300.125000000		10/27/2010 3:00	23.3184	0.3563	12.7	47.5322	104.9761811	104.992331	0.255650	105.001264	
2010	300	400	300.166666667		10/27/2010 4:00	23.2884	0.3559	12.67	47.5332	104.9758753	104.992025	0.255349	105.000963	
2010	300	500	300.208333333		10/27/2010 5:00	23.0984	0.3533	12.65	47.5396	104.9739384	104.990088	0.253444	104.999058	
2010	300	600	300.250000000		10/27/2010 6:00	23.3054	0.3562	12.64	47.5326	104.9760486	104.992198	0.255520	105.001134	
2010	300	700	300.291666667		10/27/2010 7:00	23.3524	0.3568	13.16	47.5311	104.9765277	104.992678	0.255991	105.001605	
2010	300	800	300.333333333		10/27/2010 8:00	22.8924	0.3504	13.74	47.5465	104.9718384	104.987988	0.251379	104.996993	
2010	300	900	300.375000000		10/27/2010 9:00	23.6144	0.3605	13.66	47.5223	104.9791986	104.995348	0.258618	105.004232	
2010	300	1000	300.416666667		10/27/2010 10:00	23.2034	0.3547	13.6	47.5361	104.9750088	104.991159	0.254497	105.000111	
2010	300	1100	300.458333333		10/27/2010 11:00	22.9114	0.3506	13.56	47.5458	104.9720321	104.988182	0.251569	104.997183	
2010	300	1200	300.500000000		10/27/2010 12:00	23.5694	0.3598	13.53	47.5238	104.9787399	104.994890	0.258167	105.003781	
2010	300	1300	300.541666667		10/27/2010 13:00	23.5354	0.3594	13.51	47.5250	104.9783933	104.994543	0.257826	105.003440	
2010	300	1400	300.583333333		10/27/2010 14:00	23.9154	0.3647	13.49	47.5122	104.9822671	104.998417	0.261636	105.007250	
2010	300	1500	300.625000000		10/27/2010 15:00	24.3304	0.3705	13.49	47.4984	104.9864977	105.002648	0.265797	105.011411	
2010	300	1600	300.666666667		10/27/2010 16:00	24.2244	0.3690	13.52	47.5019	104.9854171	105.001567	0.264734	105.010348	
2010	300	1700	300.708333333		10/27/2010 17:00	24.3964	0.3714	13.29	47.4962	104.9871705	105.003320	0.266458	105.012072	
2010	300	1800	300.750000000		10/27/2010 18:00	24.3744	0.3711	13.18	47.4969	104.9869462	105.003096	0.266238	105.011852	
2010	300	1900	300.791666667		10/27/2010 19:00	24.3874	0.3713	13.08	47.4965	104.9870788	105.003229	0.266368	105.011982	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	24.5264	0.3732	13.01	47.4918	104.9884958	105.004646	0.267762	105.013376	
2010	300	2100	300.875000000		10/27/2010 21:00	24.2904	0.3699	12.95	47.4997	104.9860899	105.002240	0.265396	105.011010	
2010	300	2200	300.916666667		10/27/2010 22:00	24.4884	0.3727	12.88	47.4931	104.9881084	105.004258	0.267381	105.012995	
2010	300	2300	300.958333333		10/27/2010 23:00	24.4954	0.3728	12.82	47.4928	104.9881797	105.004330	0.267451	105.013065	
2010	300	2400	301.000000000		10/28/2010 0:00	24.1104	0.3674	12.77	47.5057	104.984255	105.000405	0.263591	105.009205	
2010	301	100	301.041666667		10/28/2010 1:00	24.1924	0.3686	12.73	47.5030	104.9850909	105.001241	0.264413	105.010027	
2010	301	200	301.083333333		10/28/2010 2:00	24.1694	0.3682	12.69	47.5038	104.9848564	105.001006	0.264182	105.009796	
2010	301	300	301.125000000		10/28/2010 3:00	24.1234	0.3676	12.67	47.5053	104.9843875	105.000537	0.263721	105.009335	
2010	301	400	301.166666667		10/28/2010 4:00	24.2414	0.3692	12.65	47.5013	104.9855904	105.001740	0.264904	105.010518	
2010	301	500	301.208333333		10/28/2010 5:00	24.3724	0.3711	12.63	47.4970	104.9869259	105.003076	0.266218	105.011832	
2010	301	600	301.250000000		10/28/2010 6:00	24.4524	0.3722	12.62	47.4943	104.9877414	105.003891	0.267020	105.012634	
2010	301	700	301.291666667		10/28/2010 7:00	24.7374	0.3762	12.61	47.4848	104.9906467	105.006797	0.269877	105.015491	
2010	301	800	301.333333333		10/28/2010 8:00	24.9514	0.3792	12.96	47.4776	104.9928283	105.008978	0.272023	105.017637	
2010	301	900	301.375000000		10/28/2010 9:00	25.2674	0.3836	13.69	47.4670	104.9960497	105.012200	0.275191	105.020805	
2010	301	1000	301.416666667		10/28/2010 10:00	25.7434	0.3902	13.7	47.4511	105.0009021	105.017052	0.279964	105.025578	
2010	301	1100	301.458333333		10/28/2010 11:00	25.4854	0.3866	13.69	47.4597	104.998272	105.014422	0.277377	105.022991	
2010	301	1200	301.500000000		10/28/2010 12:00	26.3404	0.3986	13.65	47.4311	105.0069881	105.023138	0.285950	105.031564	
2010	301	1300	301.541666667		10/28/2010 13:00	26.6744	0.4032	13.61	47.4200	105.0103929	105.026543	0.289299	105.034913	
2010	301	1400	301.583333333		10/28/2010 14:00	26.6434	0.4028	13.61	47.4210	105.0100769	105.026227	0.288988	105.034602	
2010	301	1500	301.625000000		10/28/2010 15:00	27.1174	0.4094	13.63	47.4052	105.014909	105.031059	0.293740	105.039354	
2010	301	1600	301.666666667		10/28/2010 16:00	27.2354	0.4111	13.44	47.4012	105.0161119	105.032262	0.294923	105.040537	
2010	301	1700	301.708333333		10/28/2010 17:00	27.2834	0.4117	13.3	47.3996	105.0166012	105.032751	0.295405	105.041019	
2010	301	1800	301.750000000		10/28/2010 18:00	27.4134	0.4136	13.21	47.3953	105.0179265	105.034076	0.296708	105.042322	
2010	301	1900	301.791666667		10/28/2010 19:00	27.5664	0.4157	13.12	47.3901	105.0194862	105.035636	0.298242	105.043856	
2010	301	2000	301.833333333		10/28/2010 20:00	27.5654	0.4157	13.05	47.3902	105.019476	105.035626	0.298232	105.043846	
2010	301	2100	301.875000000		10/28/2010 21:00	27.6134	0.4164	12.98	47.3886	105.0199653	105.036115	0.298713	105.044327	
2010	301	2200	301.916666667		10/28/2010 22:00	27.6014	0.4162	12.92	47.3890	105.019843	105.035993	0.298593	105.044207	
2010	301	2300	301.958333333		10/28/2010 23:00	27.5554	0.4156	12.86	47.3905	105.0193741	105.035524	0.298132	105.043746	
2010	301	2400	302.000000000		10/29/2010 0:00	27.4954	0.4147	12.8	47.3925	105.0187624	105.034912	0.297530	105.043144	
2010	302	100	302.041666667		10/29/2010 1:00	27.4364	0.4139	12.76	47.3945	105.0181609	105.034311	0.296939	105.042553	
2010	302	200	302.083333333		10/29/2010 2:00	27.4474	0.4140	12.72	47.3941	105.0182731	105.034423	0.297049	105.042663	
2010	302	300	302.125000000		10/29/2010 3:00	27.4604	0.4142	12.69	47.3937	105.0184056	105.034555	0.297179	105.042793	
2010	302	400	302.166666667		10/29/2010 4:00	27.5554	0.4156	12.67	47.3905	105.0193741	105.035524	0.298132	105.043746	
2010	302	500	302.208333333		10/29/2010 5:00	27.6614	0.4170	12.65	47.3870	105.0204546	105.036604	0.299195	105.044809	
2010	302	600	302.250000000		10/29/2010 6:00	27.8624	0.4198	12.65	47.3802	105.0225037	105.038654	0.301210	105.046824	
2010	302	700	302.291666667		10/29/2010 7:00	28.0044	0.4218	12.65	47.3755	105.0239513	105.040101	0.302634	105.048248	
2010	302	800	302.333333333		10/29/2010 8:00	28.1064	0.4233	12.98	47.3721	105.0249911	105.041141	0.303656	105.049270	
2010	302	900	302.375000000		10/29/2010 9:00	28.1224	0.4235	13.69	47.3715	105.0251542	105.041304	0.303817	105.049431	
2010	302	1000	302.416666667		10/29/2010 10:00	28.5274	0.4291	13.65	47.3580	105.0292828	105.045433	0.307877	105.053491	
2010	302	1100	302.458333333		10/29/2010 11:00	28.2094	0.4247	13.6	47.3686	105.0260411	105.042191	0.304689	105.050303	
2010	302	1200	302.500000000		10/29/2010 12:00	29.0644	0.4366	13.58	47.3400	105.0347571	105.050907	0.313262	105.058876	
2010	302	1300	302.541666667		10/29/2010 13:00	27.7574	0.4184	13.56	47.3837	105.0214333	105.037583	0.300157	105.045771	
2010	302	1400	302.583333333		10/29/2010 14:00	28.2794	0.4257	13.54	47.3663	105.0267547	105.042904	0.305391	105.051005	
2010	302	1500	302.625000000		10/29/2010 15:00	29.1394	0.4377	13.52	47.3375	105.0355217	105.051672	0.314014	105.059628	
2010	302	1600	302.666666667		10/29/2010 16:00	28.4694	0.4283	13.56	47.3599	105.0286916	105.044841	0.307296	105.052910	
2010	302	1700	302.708333333		10/29/2010 17:00	28.4844	0.4285	13.37	47.3594	105.0288445	105.044994	0.307446	105.053060	
2010	302	1800	302.750000000		10/29/2010 18:00	28.4994	0.4287	13.23	47.3589	105.0289974	105.045147	0.307597	105.053211	
2010	302	1900	302.791666667		10/29/2010 19:00	28.5814	0.4299	13.15	47.3562	105.0298333	105.045983	0.308419	105.054033	
2010	302	2000	302.833333333		10/29/2010 20:00	28.5884	0.4300	13.07	47.3560	105.0299047	105.046055	0.308489	105.054103	
2010	302	2100	302.875000000		10/29/2010 21:00	28.4864	0.4286	13	47.3594	105.0288649	105.045015	0.307466	105.053080	
2010	302	2200	302.916666667		10/29/2010 22:00	28.4074	0.4275	12.94	47.3620	105.0280595	105.044209	0.306674	105.052288	
2010	302	2300	302.958333333		10/29/2010 23:00	28.4064	0.4274	12.88	47.3620	105.0280493	105.044199	0.306664	105.052278	
2010	302	2400	303.000000000		10/30/2010 0:00	28.3944	0.4273	12.82	47.3624	105.027927	105.044077	0.306544	105.052158	
2010	303	100	303.041666667		10/30/2010 1:00	28.4884	0.4286	12.77	47.3593	105.0288853	105.045035	0.307486	105.053100	
2010	303	200	303.083333333		10/30/2010 2:00	28.1914	0.4244	12.72	47.3692	105.0258576	105.042007	0.304509	105.050123	
2010	303	300	303.125000000		10/30/2010 3:00	27.9054	0.4204	12.68	47.3788	105.022942	105.039092	0.301641	105.047255	
2010	303	400	303.166666667		10/30/2010 4:00	28.0254	0.4221	12.65	47.3748	105.0241653	105.040315	0.302844	105.048458	
2010	303	500	303.208333333		10/30/2010 5:00	28.0384	0.4223	12.63	47.3744	105.0242979	105.040448	0.302975	105.048589	
2010	303	600	303.250000000		10/30/2010 6:00	28.0874	0.4230	12.63	47.3727	105.0247974	105.040947	0.303466	105.049080	
2010	303	700	303.291666667		10/30/2010 7:00	28.0644	0.4227	12.63	47.3735	105.0245629	105.040713	0.303235	105.048849	
2010	303	800	303.333333333		10/30/2010 8:00	28.0764	0.4228	13.39	47.3731	105.0246852	105.040835	0.303356	105.048970	

Table D-16. Groundwater Elevations (Part 6 of 27)

									Linear Regression			Manufacturer's Calibration		
							399-1-13A		399-1-13A	399-1-13A	399-1-13A	399-1-13A	399-1-13A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2009	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	900	303.375000000		10/30/2010 9:00	28.2084	0.4247	13.75	47.3687	105.0260309	105.042181	0.304679	105.050293	
2010	303	1000	303.416666667		10/30/2010 10:00	28.1324	0.4236	13.74	47.3712	105.0252561	105.041406	0.303917	105.049531	
2010	303	1100	303.458333333		10/30/2010 11:00	28.3594	0.4268	13.73	47.3636	105.0275702	105.043720	0.306193	105.051807	
2010	303	1200	303.500000000		10/30/2010 12:00	28.7984	0.4329	13.71	47.3489	105.0320455	105.048195	0.310595	105.056209	
2010	303	1300	303.541666667		10/30/2010 13:00	28.7864	0.4328	13.7	47.3493	105.0319231	105.048073	0.310474	105.056088	
2010	303	1400	303.583333333		10/30/2010 14:00	29.1164	0.4374	13.68	47.3383	105.0352872	105.051437	0.313783	105.059397	
2010	303	1500	303.625000000		10/30/2010 15:00	28.9854	0.4355	13.67	47.3427	105.0339518	105.050102	0.312470	105.058084	
2010	303	1600	303.666666667		10/30/2010 16:00	29.2234	0.4389	13.5	47.3347	105.036378	105.052528	0.314856	105.060470	
2010	303	1700	303.708333333		10/30/2010 17:00	29.2694	0.4395	13.36	47.3332	105.0368469	105.052997	0.315317	105.060931	
2010	303	1800	303.750000000		10/30/2010 18:00	29.4354	0.4418	13.25	47.3276	105.0385392	105.054689	0.316981	105.062595	
2010	303	1900	303.791666667		10/30/2010 19:00	29.6154	0.4443	13.17	47.3216	105.0403741	105.056524	0.318786	105.064400	
2010	303	2000	303.833333333		10/30/2010 20:00	29.6034	0.4442	13.1	47.3220	105.0402518	105.056402	0.318666	105.064280	
2010	303	2100	303.875000000		10/30/2010 21:00	29.6394	0.4447	13.03	47.3208	105.0406188	105.056769	0.319027	105.064641	
2010	303	2200	303.916666667		10/30/2010 22:00	29.7104	0.4457	12.96	47.3184	105.0413426	105.057492	0.319739	105.065353	
2010	303	2300	303.958333333		10/30/2010 23:00	29.7444	0.4461	12.9	47.3173	105.0416892	105.057839	0.320080	105.065694	
2010	303	2400	304.000000000		10/31/2010 0:00	29.7444	0.4461	12.84	47.3173	105.0416892	105.057839	0.320080	105.065694	
2010	304	100	304.041666667		10/31/2010 1:00	29.6384	0.4447	12.79	47.3208	105.0406086	105.056758	0.319017	105.064631	
2010	304	200	304.083333333		10/31/2010 2:00	29.5794	0.4438	12.74	47.3228	105.0400072	105.056157	0.318425	105.064039	
2010	304	300	304.125000000		10/31/2010 3:00	29.5204	0.4430	12.71	47.3248	105.0394057	105.055556	0.317834	105.063448	
2010	304	400	304.166666667		10/31/2010 4:00	29.4254	0.4417	12.68	47.3280	105.0384372	105.054587	0.316881	105.062495	
2010	304	500	304.208333333		10/31/2010 5:00	29.3784	0.4410	12.67	47.3295	105.0379581	105.054108	0.316410	105.062024	
2010	304	600	304.250000000		10/31/2010 6:00	29.4834	0.4425	12.65	47.3260	105.0390285	105.055178	0.317463	105.063077	
2010	304	700	304.291666667		10/31/2010 7:00	29.2224	0.4388	13.44	47.3348	105.0363678	105.052518	0.314846	105.060460	
2010	304	800	304.333333333		10/31/2010 8:00	28.7404	0.4321	13.68	47.3509	105.0314542	105.047604	0.310013	105.055627	
2010	304	900	304.375000000		10/31/2010 9:00	29.1914	0.4384	13.64	47.3358	105.0360518	105.052202	0.314535	105.060149	
2010	304	1000	304.416666667		10/31/2010 10:00	28.8694	0.4339	13.58	47.3466	105.0327693	105.048919	0.311306	105.056920	
2010	304	1100	304.458333333		10/31/2010 11:00	28.3034	0.4260	13.55	47.3655	105.0269993	105.043149	0.305632	105.051246	
2010	304	1200	304.500000000		10/31/2010 12:00	29.6124	0.4443	13.51	47.3217	105.0403436	105.056493	0.318756	105.064370	
2010	304	1300	304.541666667		10/31/2010 13:00	30.1344	0.4516	13.49	47.3042	105.0456649	105.061815	0.323990	105.069604	
2010	304	1400	304.583333333		10/31/2010 14:00	29.0464	0.4364	13.49	47.3406	105.0345736	105.050723	0.313081	105.058695	
2010	304	1500	304.625000000		10/31/2010 15:00	28.7274	0.4319	13.51	47.3513	105.0313217	105.047472	0.309883	105.055497	
2010	304	1600	304.666666667		10/31/2010 16:00	28.9474	0.4350	13.54	47.3439	105.0335644	105.049714	0.312089	105.057703	
2010	304	1700	304.708333333		10/31/2010 17:00	28.9044	0.4344	13.31	47.3454	105.0331261	105.049276	0.311657	105.057271	
2010	304	1800	304.750000000		10/31/2010 18:00	28.6554	0.4309	13.2	47.3537	105.0305877	105.046738	0.309161	105.054775	
2010	304	1900	304.791666667		10/31/2010 19:00	28.6794	0.4313	13.12	47.3529	105.0308324	105.046982	0.309401	105.055015	
2010	304	2000	304.833333333		10/31/2010 20:00	28.4784	0.4284	13.04	47.3596	105.0287833	105.044933	0.307386	105.053000	
2010	304	2100	304.875000000		10/31/2010 21:00	28.3754	0.4270	12.97	47.3631	105.0277333	105.043883	0.306353	105.051967	
2010	304	2200	304.916666667		10/31/2010 22:00	28.3714	0.4270	12.91	47.3632	105.0276925	105.043842	0.306313	105.051927	
2010	304	2300	304.958333333		10/31/2010 23:00	28.1114	0.4233	12.85	47.3719	105.025042	105.041192	0.303706	105.049320	
2010	304	2400	305.000000000		11/01/2010 0:00	27.9934	0.4217	12.79	47.3759	105.0238391	105.039989	0.302523	105.048137	
2010	305	100	305.041666667		11/01/2010 1:00	27.9934	0.4217	12.76	47.3759	105.0238391	105.039989	0.302523	105.048137	
2010	305	200	305.083333333		11/01/2010 2:00	27.7664	0.4185	12.71	47.3834	105.021525	105.037675	0.300247	105.045861	
2010	305	300	305.125000000		11/01/2010 3:00	27.6634	0.4171	12.68	47.3869	105.020475	105.036625	0.299215	105.044829	
2010	305	400	305.166666667		11/01/2010 4:00	27.5074	0.4149	12.67	47.3921	105.0188847	105.035035	0.297651	105.043265	
2010	305	500	305.208333333		11/01/2010 5:00	27.5084	0.4149	12.65	47.3921	105.0188949	105.035045	0.297661	105.043275	
2010	305	600	305.250000000		11/01/2010 6:00	27.5084	0.4149	12.64	47.3921	105.0188949	105.035045	0.297661	105.043275	
2010	305	700	305.291666667		11/01/2010 7:00	27.4484	0.4141	12.64	47.3941	105.0182833	105.034433	0.297059	105.042673	
2010	305	800	305.333333333		11/01/2010 8:00	27.2244	0.4109	13.21	47.4016	105.0159998	105.032150	0.294813	105.040427	
2010	305	900	305.375000000		11/01/2010 9:00	27.2374	0.4111	13.61	47.4011	105.0161323	105.032282	0.294943	105.040557	
2010	305	1000	305.416666667		11/01/2010 10:00	27.4324	0.4138	13.56	47.3946	105.0181202	105.034270	0.296899	105.042513	
2010	305	1100	305.458333333		11/01/2010 11:00	27.4844	0.4146	13.51	47.3929	105.0186503	105.034800	0.297420	105.043034	
2010	305	1200	305.500000000		11/01/2010 12:00	27.5454	0.4154	13.48	47.3908	105.0192721	105.035422	0.298032	105.043646	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1255	24.538194444	01/24/2007 12:55	01/24/2007 11:55	300.72	4.2913					38.9626	105.4242008	105.463000	3.086932	105.463000	Voltage reading taken during water-level measurement
2009	365	2400	366.000000000		01/01/2010 0:00	275.84	3.9410	0.389	16.52	0.425	13.27	39.7856	105.1733525	105.212152	2.834956	105.211024	
2010	1	100	1.041666667		01/01/2010 1:00	275.93	3.9423	0.389	16.53	0.425	13.24	39.7826	105.1742599	105.213059	2.835868	105.211935	
2010	1	200	1.083333333		01/01/2010 2:00	276.31	3.9476	0.389	16.53	0.425	13.2	39.7700	105.1780912	105.216890	2.839716	105.215784	
2010	1	300	1.125000000		01/01/2010 3:00	276.78	3.9542	0.389	16.52	0.425	13.18	39.7545	105.1828299	105.221629	2.844476	105.220544	
2010	1	400	1.166666667		01/01/2010 4:00	277.26	3.9610	0.388	16.51	0.424	13.14	39.7386	105.1876694	105.226469	2.849338	105.225405	
2010	1	500	1.208333333		01/01/2010 5:00	277.72	3.9675	0.388	16.51	0.424	13.11	39.7234	105.1923072	105.231106	2.853996	105.230064	
2010	1	600	1.250000000		01/01/2010 6:00	278.38	3.9768	0.388	16.52	0.424	13.08	39.7016	105.1989616	105.237761	2.860680	105.236748	
2010	1	700	1.291666667		01/01/2010 7:00	279.23	3.9887	0.388	16.51	0.424	13.05	39.6735	105.2075316	105.246331	2.869289	105.245357	
2010	1	800	1.333333333		01/01/2010 8:00	279.79	3.9966	0.388	16.53	0.424	13.02	39.6549	105.2131777	105.251977	2.874960	105.251028	
2010	1	900	1.375000000		01/01/2010 9:00	280.33	4.0042	0.388	16.52	0.424	13.91	39.6371	105.2186221	105.257421	2.880429	105.256497	
2010	1	1000	1.416666667		01/01/2010 10:00	280.56	4.0075	0.388	16.52	0.424	13.82	39.6295	105.2209411	105.259740	2.882759	105.258826	
2010	1	1100	1.458333333		01/01/2010 11:00	280.66	4.0089	0.388	16.51	0.424	13.76	39.6262	105.2219493	105.260748	2.883772	105.259839	
2010	1	1200	1.500000000		01/01/2010 12:00	280.61	4.0082	0.388	16.5	0.424	13.77	39.6278	105.2214452	105.260244	2.883265	105.259333	
2010	1	1300	1.541666667		01/01/2010 13:00	280.21	4.0025	0.388	16.51	0.424	13.81	39.6410	105.2174122	105.256211	2.879214	105.255282	
2010	1	1400	1.583333333		01/01/2010 14:00	279.5	3.9925	0.388	16.49	0.424	13.81	39.6645	105.2102538	105.249053	2.872023	105.248091	
2010	1	1500	1.625000000		01/01/2010 15:00	278.93	3.9845	0.388	16.49	0.425	13.77	39.6834	105.2045069	105.243306	2.866251	105.242318	
2010	1	1600	1.666666667		01/01/2010 16:00	277.88	3.9697	0.388	16.5	0.424	13.77	39.7181	105.1939204	105.232720	2.855617	105.231684	
2010	1	1700	1.708333333		01/01/2010 17:00	277.42	3.9633	0.389	16.49	0.425	13.62	39.7333	105.1892825	105.228082	2.850958	105.227026	
2010	1	1800	1.750000000		01/01/2010 18:00	276.57	3.9513	0.388	16.5	0.424	13.55	39.7614	105.1807126	105.219512	2.842349	105.218417	
2010	1	1900	1.791666667		01/01/2010 19:00	275.79	3.9403	0.388	16.51	0.424	13.49	39.7872	105.1728484	105.211648	2.834450	105.210518	
2010	1	2000	1.833333333		01/01/2010 20:00	275.05	3.9299	0.388	16.5	0.424	13.44	39.8117	105.1653874	105.204187	2.826955	105.203023	
2010	1	2100	1.875000000		01/01/2010 21:00	274.29	3.9192	0.388	16.51	0.424	13.4	39.8369	105.1577249	105.196524	2.819258	105.195326	
2010	1	2200	1.916666667		01/01/2010 22:00	273.74	3.9114	0.388	16.5	0.424	13.35	39.8551	105.1521796	105.190979	2.813688	105.189756	
2010	1	2300	1.958333333		01/01/2010 23:00	272.96	3.9005	0.388	16.5	0.424	13.3	39.8809	105.1443154	105.183115	2.805789	105.181856	
2010	1	2400	2.000000000		01/02/2010 0:00	272.69	3.8967	0.388	16.52	0.424	13.26	39.8898	105.1415931	105.180392	2.803054	105.179122	
2010	2	100	2.041666667		01/02/2010 1:00	271.91	3.8857	0.388	16.49	0.424	13.23	39.9156	105.1337289	105.172528	2.795155	105.171222	
2010	2	200	2.083333333		01/02/2010 2:00	271.43	3.8789	0.388	16.51	0.424	13.19	39.9315	105.1288894	105.167689	2.790293	105.166361	
2010	2	300	2.125000000		01/02/2010 3:00	270.87	3.8710	0.388	16.5	0.424	13.15	39.9500	105.1232433	105.162043	2.784622	105.160690	
2010	2	400	2.166666667		01/02/2010 4:00	270.3	3.8630	0.388	16.5	0.424	13.12	39.9688	105.1174964	105.156296	2.778849	105.154917	
2010	2	500	2.208333333		01/02/2010 5:00	269.84	3.8565	0.388	16.5	0.424	13.08	39.9841	105.1128585	105.151658	2.774190	105.150258	
2010	2	600	2.250000000		01/02/2010 6:00	269.53	3.8522	0.388	16.5	0.424	13.06	39.9943	105.109733	105.148532	2.771051	105.147118	
2010	2	700	2.291666667		01/02/2010 7:00	268.99	3.8446	0.388	16.5	0.424	13.02	40.0122	105.1042885	105.143088	2.765582	105.141650	
2010	2	800	2.333333333		01/02/2010 8:00	268.48	3.8374	0.388	16.5	0.424	12.99	40.0290	105.0991465	105.137946	2.760417	105.136484	
2010	2	900	2.375000000		01/02/2010 9:00	267.82	3.8281	0.388	16.5	0.424	13.23	40.0509	105.0924922	105.131291	2.753732	105.129800	
2010	2	1000	2.416666667		01/02/2010 10:00	267.26	3.8202	0.388	16.51	0.424	13.62	40.0694	105.0868461	105.125645	2.748061	105.124129	
2010	2	1100	2.458333333		01/02/2010 11:00	266.86	3.8146	0.388	16.5	0.424	13.63	40.0826	105.0828132	105.121612	2.744010	105.120078	
2010	2	1200	2.500000000		01/02/2010 12:00	266.32	3.8070	0.388	16.51	0.424	13.62	40.1005	105.0773687	105.116168	2.738541	105.114609	
2010	2	1300	2.541666667		01/02/2010 13:00	265.74	3.7988	0.388	16.51	0.424	13.6	40.1197	105.071521	105.110320	2.732667	105.108735	
2010	2	1400	2.583333333		01/02/2010 14:00	265.45	3.7947	0.388	16.5	0.424	13.59	40.1293	105.0685971	105.107396	2.729730	105.105798	
2010	2	1500	2.625000000		01/02/2010 15:00	265.11	3.7899	0.388	16.51	0.424	13.62	40.1405	105.0651691	105.103968	2.726287	105.102354	
2010	2	1600	2.666666667		01/02/2010 16:00	264.76	3.7850	0.388	16.51	0.424	13.61	40.1521	105.0616403	105.100439	2.722742	105.098810	
2010	2	1700	2.708333333		01/02/2010 17:00	264.36	3.7794	0.388	16.51	0.424	13.49	40.1653	105.0576073	105.096407	2.718691	105.094758	
2010	2	1800	2.750000000		01/02/2010 18:00	263.87	3.7725	0.388	16.5	0.425	13.42	40.1815	105.052667	105.091466	2.713728	105.089796	
2010	2	1900	2.791666667		01/02/2010 19:00	263.55	3.7680	0.388	16.5	0.424	13.37	40.1921	105.0494407	105.088240	2.710487	105.086555	
2010	2	2000	2.833333333		01/02/2010 20:00	263.11	3.7618	0.389	16.49	0.425	13.32	40.2067	105.0450044	105.083804	2.706031	105.082099	
2010	2	2100	2.875000000		01/02/2010 21:00	262.74	3.7566	0.389	16.49	0.425	13.28	40.2189	105.041274	105.080073	2.702284	105.078352	
2010	2	2200	2.916666667		01/02/2010 22:00	262.36	3.7512	0.389	16.5	0.425	13.24	40.2315	105.0374427	105.076242	2.698435	105.074503	
2010	2	2300	2.958333333		01/02/2010 23:00	262	3.7462	0.389	16.5	0.425	13.2	40.2434	105.033813	105.072612	2.694790	105.070857	
2010	2	2400	3.000000000		01/03/2010 0:00	261.7	3.7419	0.389	16.5	0.425	13.17	40.2533	105.0307884	105.069588	2.691751	105.067819	
2010	3	100	3.041666667		01/03/2010 1:00	261.49	3.7390	0.389	16.5	0.425	13.13	40.2603	105.0286711	105.067470	2.689624	105.065692	
2010	3	200	3.083333333		01/03/2010 2:00	261.23	3.7353	0.389	16.5	0.425	13.1	40.2689	105.0260497	105.064849	2.686991	105.063059	
2010	3	300	3.125000000		01/03/2010 3:00	261.12	3.7338	0.389	16.52	0.425	13.06	40.2725	105.0249406	105.063740	2.685877	105.061945	
2010	3	400	3.166666667		01/03/2010 4:00	260.99	3.7319	0.389	16.52	0.425	13.03	40.2768	105.0236299	105.062429	2.684561	105.060628	
2010	3	500	3.208333333		01/03/2010 5:00	260.87	3.7303	0.389	16.53	0.425	13.01	40.2808	105.02242	105.061219	2.683345	105.059413	
2010	3	600	3.250000000		01/03/2010 6:00	260.69	3.7277	0.389	16.53	0.425	12.97	40.2867	105.0206052	105.059404	2.681522	105.057590	
2010	3	700	3.291666667		01/03/2010 7:00	260.43	3.7241	0.389	16.52	0.425	12.94	40.2953	105.0179838	105.056783	2.678889	105.054957	
2010	3	800	3.333333333		01/03/2010 8:00	260.13	3.7198	0.389	16.51	0.425	12.92	40.3053	105.0149591	105.053758	2.675851	105.051919	
2010	3	900	3.375000000		01/03/2010 9:00	259.74	3.7143	0.389	16.52	0.425	13.84	40.3182	105.011027	105.049826	2.671901	105.047969	
2010	3	1000	3.416666667		01/03/2010 10:00	259.25	3.7074	0.389	16.51	0.425	13.83	40.3344	105.0060866	105.044886	2.666938	105.043006	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1100	3.458333333		01/03/2010 11:00	258.91	3.7027	0.389	16.52	0.425	13.79	40.3456	105.0026587	105.041458	2.663495	105.039563	
2010	3	1200	3.500000000		01/03/2010 12:00	258.51	3.6970	0.389	16.51	0.425	13.77	40.3588	104.9986257	105.037425	2.659444	105.035512	
2010	3	1300	3.541666667		01/03/2010 13:00	258.16	3.6921	0.389	16.51	0.425	13.77	40.3704	104.9950969	105.033896	2.655899	105.031967	
2010	3	1400	3.583333333		01/03/2010 14:00	257.69	3.6855	0.389	16.54	0.425	13.76	40.3860	104.9903582	105.029157	2.651139	105.027207	
2010	3	1500	3.625000000		01/03/2010 15:00	257.38	3.6811	0.389	16.5	0.425	13.75	40.3962	104.9872327	105.026032	2.648000	105.024067	
2010	3	1600	3.666666667		01/03/2010 16:00	257.02	3.6760	0.389	16.52	0.425	13.6	40.4081	104.9836031	105.022402	2.644354	105.020422	
2010	3	1700	3.708333333		01/03/2010 17:00	256.67	3.6711	0.389	16.52	0.425	13.53	40.4197	104.9800742	105.018873	2.640809	105.016877	
2010	3	1800	3.750000000		01/03/2010 18:00	256.33	3.6663	0.389	16.52	0.425	13.47	40.4310	104.9766462	105.015445	2.637366	105.013433	
2010	3	1900	3.791666667		01/03/2010 19:00	255.97	3.6613	0.389	16.51	0.425	13.41	40.4429	104.9730166	105.011816	2.633720	105.009787	
2010	3	2000	3.833333333		01/03/2010 20:00	255.61	3.6562	0.389	16.52	0.425	13.37	40.4548	104.969387	105.008186	2.630074	105.006142	
2010	3	2100	3.875000000		01/03/2010 21:00	255.2	3.6504	0.389	16.52	0.425	13.32	40.4683	104.9652532	105.004052	2.625921	105.001989	
2010	3	2200	3.916666667		01/03/2010 22:00	254.82	3.6451	0.389	16.51	0.425	13.29	40.4809	104.9614219	105.000221	2.622073	104.998141	
2010	3	2300	3.958333333		01/03/2010 23:00	254.48	3.6403	0.389	16.52	0.425	13.25	40.4921	104.9579939	104.996793	2.618630	104.994697	
2010	3	2400	4.000000000		01/04/2010 0:00	254.13	3.6354	0.389	16.52	0.426	13.21	40.5037	104.9544651	104.993264	2.615085	104.991153	
2010	4	100	4.041666667		01/04/2010 1:00	253.79	3.6306	0.389	16.53	0.425	13.17	40.5150	104.9510371	104.989836	2.611641	104.987709	
2010	4	200	4.083333333		01/04/2010 2:00	253.6	3.6279	0.39	16.52	0.426	13.14	40.5213	104.9491215	104.987921	2.609717	104.985785	
2010	4	300	4.125000000		01/04/2010 3:00	253.42	3.6254	0.39	16.52	0.426	13.11	40.5272	104.9473067	104.986106	2.607894	104.983962	
2010	4	400	4.166666667		01/04/2010 4:00	253.52	3.6268	0.389	16.55	0.425	13.08	40.5239	104.9483149	104.987114	2.608907	104.984975	
2010	4	500	4.208333333		01/04/2010 5:00	253.66	3.6287	0.39	16.52	0.426	13.06	40.5193	104.9497264	104.988526	2.610325	104.986393	
2010	4	600	4.250000000		01/04/2010 6:00	253.74	3.6299	0.39	16.53	0.426	13.02	40.5166	104.950533	104.989332	2.611135	104.987203	
2010	4	700	4.291666667		01/04/2010 7:00	253.67	3.6289	0.39	16.53	0.426	12.99	40.5189	104.9498273	104.988626	2.610426	104.986494	
2010	4	800	4.333333333		01/04/2010 8:00	253.61	3.6280	0.39	16.52	0.426	12.97	40.5209	104.9492223	104.988022	2.609819	104.985886	
2010	4	900	4.375000000		01/04/2010 9:00	253.43	3.6255	0.39	16.53	0.426	12.94	40.5269	104.9474075	104.986207	2.607996	104.984063	
2010	4	1000	4.416666667		01/04/2010 10:00	253.21	3.6224	0.39	16.55	0.426	13.18	40.5342	104.9451894	104.983989	2.605767	104.981835	
2010	4	1100	4.458333333		01/04/2010 11:00	252.87	3.6176	0.389	16.54	0.425	13.78	40.5454	104.9417614	104.980561	2.602324	104.978392	
2010	4	1200	4.500000000		01/04/2010 12:00	252.67	3.6148	0.39	16.54	0.426	13.75	40.5520	104.9397449	104.978544	2.600299	104.976366	
2010	4	1300	4.541666667		01/04/2010 13:00	252.34	3.6102	0.39	16.52	0.426	13.77	40.5629	104.9364178	104.975217	2.596956	104.973024	
2010	4	1400	4.583333333		01/04/2010 14:00	252.23	3.6086	0.39	16.54	0.426	13.55	40.5666	104.9353087	104.974108	2.595842	104.971910	
2010	4	1500	4.625000000		01/04/2010 15:00	252.09	3.6066	0.39	16.54	0.426	13.5	40.5712	104.9338972	104.972696	2.594424	104.970492	
2010	4	1600	4.666666667		01/04/2010 16:00	252.09	3.6066	0.39	16.52	0.426	13.44	40.5712	104.9338972	104.972696	2.594424	104.970492	
2010	4	1700	4.708333333		01/04/2010 17:00	252.04	3.6059	0.39	16.52	0.426	13.39	40.5729	104.9333931	104.972192	2.593918	104.969986	
2010	4	1800	4.750000000		01/04/2010 18:00	251.9	3.6040	0.39	16.55	0.426	13.34	40.5775	104.9319815	104.970781	2.592500	104.968568	
2010	4	1900	4.791666667		01/04/2010 19:00	251.68	3.6009	0.39	16.55	0.426	13.3	40.5848	104.9297634	104.968563	2.590272	104.966340	
2010	4	2000	4.833333333		01/04/2010 20:00	251.42	3.5972	0.39	16.55	0.426	13.26	40.5934	104.927142	104.965941	2.587639	104.963707	
2010	4	2100	4.875000000		01/04/2010 21:00	251.11	3.5928	0.39	16.55	0.426	13.23	40.6036	104.9240165	104.962816	2.584499	104.960567	
2010	4	2200	4.916666667		01/04/2010 22:00	250.8	3.5885	0.39	16.54	0.426	13.2	40.6139	104.920891	104.959690	2.581360	104.957428	
2010	4	2300	4.958333333		01/04/2010 23:00	250.48	3.5840	0.39	16.54	0.426	13.16	40.6245	104.9176646	104.956464	2.578119	104.954187	
2010	4	2400	5.000000000		01/05/2010 0:00	250.24	3.5806	0.39	16.55	0.426	13.13	40.6324	104.9152449	104.954044	2.575688	104.951756	
2010	5	100	5.041666667		01/05/2010 1:00	250.25	3.5807	0.39	16.55	0.426	13.09	40.6321	104.9153457	104.954145	2.575790	104.951857	
2010	5	200	5.083333333		01/05/2010 2:00	250.55	3.5850	0.39	16.55	0.426	13.07	40.6221	104.9183704	104.957170	2.578828	104.954896	
2010	5	300	5.125000000		01/05/2010 3:00	251.16	3.5935	0.39	16.55	0.426	13.04	40.6020	104.9245206	104.963320	2.585006	104.961073	
2010	5	400	5.166666667		01/05/2010 4:00	252.01	3.6055	0.39	16.55	0.426	13	40.5738	104.9330906	104.971890	2.593614	104.969682	
2010	5	500	5.208333333		01/05/2010 5:00	252.82	3.6169	0.39	16.54	0.426	12.98	40.5471	104.9412573	104.980056	2.601818	104.977885	
2010	5	600	5.250000000		01/05/2010 6:00	253.68	3.6290	0.39	16.53	0.426	12.94	40.5186	104.9499281	104.988727	2.610527	104.986595	
2010	5	700	5.291666667		01/05/2010 7:00	254.54	3.6411	0.39	16.55	0.426	12.91	40.4902	104.9585989	104.997398	2.619237	104.995305	
2010	5	800	5.333333333		01/05/2010 8:00	255.36	3.6527	0.39	16.55	0.426	12.89	40.4630	104.9668664	105.005666	2.627542	105.003610	
2010	5	900	5.375000000		01/05/2010 9:00	256.08	3.6628	0.39	16.56	0.426	12.85	40.4392	104.9741257	105.012925	2.634834	105.010902	
2010	5	1000	5.416666667		01/05/2010 10:00	256.6	3.6701	0.39	16.56	0.426	12.93	40.4220	104.9793685	105.018168	2.640100	105.016168	
2010	5	1100	5.458333333		01/05/2010 11:00	256.95	3.6751	0.39	16.56	0.426	13.76	40.4104	104.9828973	105.021696	2.643645	105.019713	
2010	5	1200	5.500000000		01/05/2010 12:00	257.24	3.6791	0.39	16.56	0.426	13.75	40.4008	104.9858212	105.024620	2.646582	105.022650	
2010	5	1300	5.541666667		01/05/2010 13:00	257.39	3.6813	0.39	16.56	0.426	13.75	40.3959	104.9873335	105.026133	2.648101	105.024169	
2010	5	1400	5.583333333		01/05/2010 14:00	257.49	3.6827	0.39	16.55	0.426	13.72	40.3926	104.9883417	105.027141	2.649114	105.025182	
2010	5	1500	5.625000000		01/05/2010 15:00	257.74	3.6862	0.39	16.55	0.426	13.72	40.3843	104.9908623	105.029662	2.651646	105.027713	
2010	5	1600	5.666666667		01/05/2010 16:00	257.8	3.6870	0.39	16.55	0.426	13.57	40.3823	104.9914673	105.030266	2.652253	105.028321	
2010	5	1700	5.708333333		01/05/2010 17:00	257.73	3.6860	0.39	16.54	0.426	13.5	40.3846	104.9907615	105.029561	2.651544	105.027612	
2010	5	1800	5.750000000		01/05/2010 18:00	257.54	3.6834	0.39	16.55	0.426	13.45	40.3909	104.9888459	105.027645	2.649620	105.025688	
2010	5	1900	5.791666667		01/05/2010 19:00	257.18	3.6783	0.39	16.55	0.426	13.4	40.4028	104.9852162	105.024015	2.645974	105.022042	
2010	5	2000	5.833333333		01/05/2010 20:00	256.73	3.6720	0.39	16.54	0.426	13.35	40.4177	104.9806792	105.019478	2.641417	105.017484	
2010	5	2100	5.875000000		01/05/2010 21:00	256.24	3.6651	0.39	16.55	0.426	13.3	40.4339	104.9757388	105.014538	2.636454	105.012522	
2010	5	2200	5.916666667		01/05/2010 22:00	255.71	3.6576	0.39	16.57	0.426	13.27	40.4515	104.9703952	105.009194	2.631087	105.007154	
2010	5	2300	5.958333333		01/05/2010 23:00	255.23	3.6508	0.39	16.57	0.426	13.23	40.4673	104.9655557	105.004355	2.626225	105.002293	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	2400	6.000000000		01/06/2010 0:00	254.94	3.6468	0.39	16.56	0.426	13.19	40.4769	104.9626318	105.001431	2.623288	104.999356	
2010	6	100	6.041666667		01/06/2010 1:00	254.87	3.6458	0.39	16.57	0.426	13.15	40.4792	104.961926	105.000725	2.622579	104.998647	
2010	6	200	6.083333333		01/06/2010 2:00	255.29	3.6517	0.39	16.55	0.426	13.13	40.4654	104.9661606	105.004960	2.626833	105.002901	
2010	6	300	6.125000000		01/06/2010 3:00	255.91	3.6604	0.39	16.56	0.426	13.09	40.4448	104.9724117	105.011211	2.633112	105.009180	
2010	6	400	6.166666667		01/06/2010 4:00	256.48	3.6684	0.39	16.57	0.426	13.06	40.4260	104.9781586	105.016958	2.638885	105.014953	
2010	6	500	6.208333333		01/06/2010 5:00	257.02	3.6760	0.39	16.56	0.426	13.02	40.4081	104.9836031	105.022402	2.644354	105.020422	
2010	6	600	6.250000000		01/06/2010 6:00	257.33	3.6804	0.39	16.55	0.426	13	40.3979	104.9867286	105.025528	2.647493	105.023561	
2010	6	700	6.291666667		01/06/2010 7:00	257.66	3.6851	0.39	16.56	0.426	12.96	40.3870	104.9900557	105.028855	2.650836	105.026903	
2010	6	800	6.333333333		01/06/2010 8:00	257.59	3.6841	0.39	16.55	0.426	13.81	40.3893	104.98935	105.028149	2.650127	105.026194	
2010	6	900	6.375000000		01/06/2010 9:00	257.64	3.6848	0.39	16.55	0.426	13.79	40.3876	104.9898541	105.028653	2.650633	105.026701	
2010	6	1000	6.416666667		01/06/2010 10:00	257.59	3.6841	0.39	16.55	0.426	13.74	40.3893	104.98935	105.028149	2.650127	105.026194	
2010	6	1100	6.458333333		01/06/2010 11:00	257.49	3.6827	0.39	16.55	0.426	13.72	40.3926	104.9883417	105.027141	2.649114	105.025182	
2010	6	1200	6.500000000		01/06/2010 12:00	257.21	3.6787	0.39	16.55	0.426	13.72	40.4018	104.9855187	105.024318	2.646278	105.022346	
2010	6	1300	6.541666667		01/06/2010 13:00	257.15	3.6779	0.39	16.55	0.426	13.71	40.4038	104.9849138	105.023713	2.645670	105.021738	
2010	6	1400	6.583333333		01/06/2010 14:00	256.95	3.6751	0.39	16.56	0.426	13.7	40.4104	104.9828973	105.021696	2.643645	105.019713	
2010	6	1500	6.625000000		01/06/2010 15:00	256.9	3.6744	0.39	16.56	0.426	13.7	40.4121	104.9823932	105.021192	2.643138	105.019206	
2010	6	1600	6.666666667		01/06/2010 16:00	257.1	3.6772	0.39	16.55	0.426	13.76	40.4055	104.9844096	105.023209	2.645164	105.021232	
2010	6	1700	6.708333333		01/06/2010 17:00	257.31	3.6801	0.39	16.55	0.426	13.58	40.3985	104.9865269	105.025326	2.647291	105.023359	
2010	6	1800	6.750000000		01/06/2010 18:00	257.65	3.6849	0.39	16.56	0.426	13.51	40.3873	104.9899549	105.028754	2.650734	105.026802	
2010	6	1900	6.791666667		01/06/2010 19:00	258.2	3.6927	0.39	16.56	0.426	13.45	40.3691	104.9955002	105.034299	2.656304	105.032372	
2010	6	2000	6.833333333		01/06/2010 20:00	258.74	3.7003	0.39	16.56	0.426	13.4	40.3512	105.0009447	105.039744	2.661773	105.037841	
2010	6	2100	6.875000000		01/06/2010 21:00	259.4	3.7096	0.39	16.56	0.426	13.37	40.3294	105.007599	105.046398	2.668458	105.044525	
2010	6	2200	6.916666667		01/06/2010 22:00	259.95	3.7173	0.39	16.57	0.426	13.32	40.3112	105.0131443	105.051943	2.674028	105.050096	
2010	6	2300	6.958333333		01/06/2010 23:00	260.4	3.7236	0.39	16.56	0.426	13.28	40.2963	105.0176813	105.056481	2.678585	105.054653	
2010	6	2400	7.000000000		01/07/2010 0:00	260.9	3.7307	0.39	16.57	0.426	13.25	40.2798	105.0227225	105.061522	2.683649	105.059717	
2010	7	100	7.041666667		01/07/2010 1:00	261.33	3.7367	0.39	16.58	0.426	13.22	40.2656	105.0270579	105.065857	2.688004	105.064072	
2010	7	200	7.083333333		01/07/2010 2:00	261.58	3.7402	0.39	16.58	0.426	13.18	40.2573	105.0295785	105.068378	2.690536	105.066604	
2010	7	300	7.125000000		01/07/2010 3:00	261.71	3.7421	0.39	16.57	0.426	13.15	40.2530	105.0308892	105.069688	2.691853	105.067920	
2010	7	400	7.166666667		01/07/2010 4:00	261.81	3.7435	0.39	16.57	0.426	13.12	40.2497	105.0318974	105.070697	2.692865	105.068933	
2010	7	500	7.208333333		01/07/2010 5:00	261.77	3.7429	0.39	16.57	0.426	13.08	40.2510	105.0314941	105.070293	2.692460	105.068528	
2010	7	600	7.250000000		01/07/2010 6:00	261.54	3.7397	0.39	16.57	0.426	13.05	40.2586	105.0291752	105.067974	2.690131	105.066199	
2010	7	700	7.291666667		01/07/2010 7:00	261.28	3.7360	0.39	16.58	0.426	13.02	40.2672	105.0265538	105.065353	2.687498	105.063565	
2010	7	800	7.333333333		01/07/2010 8:00	260.91	3.7308	0.39	16.56	0.426	12.99	40.2795	105.0228233	105.061623	2.683750	105.059818	
2010	7	900	7.375000000		01/07/2010 9:00	261.07	3.7331	0.39	16.57	0.426	13.18	40.2742	105.0244365	105.063236	2.685371	105.061439	
2010	7	1000	7.416666667		01/07/2010 10:00	261.28	3.7360	0.39	16.57	0.426	13.91	40.2672	105.0265538	105.065353	2.687498	105.063565	
2010	7	1100	7.458333333		01/07/2010 11:00	261.65	3.7412	0.39	16.57	0.426	13.88	40.2550	105.0302842	105.069083	2.691245	105.067313	
2010	7	1200	7.500000000		01/07/2010 12:00	262.18	3.7487	0.39	16.55	0.426	13.85	40.2374	105.0356279	105.074427	2.696613	105.072680	
2010	7	1300	7.541666667		01/07/2010 13:00	262.52	3.7535	0.39	16.56	0.426	13.84	40.2262	105.0390559	105.077855	2.700056	105.076124	
2010	7	1400	7.583333333		01/07/2010 14:00	262.73	3.7564	0.39	16.57	0.426	13.84	40.2192	105.0411731	105.079972	2.702183	105.078250	
2010	7	1500	7.625000000		01/07/2010 15:00	262.69	3.7559	0.39	16.57	0.426	13.84	40.2206	105.0407699	105.079569	2.701778	105.077845	
2010	7	1600	7.666666667		01/07/2010 16:00	262.63	3.7550	0.39	16.57	0.426	13.71	40.2226	105.0401649	105.078964	2.701170	105.077238	
2010	7	1700	7.708333333		01/07/2010 17:00	262.3	3.7504	0.39	16.57	0.426	13.62	40.2335	105.0368377	105.075637	2.697828	105.073896	
2010	7	1800	7.750000000		01/07/2010 18:00	261.82	3.7436	0.39	16.57	0.426	13.56	40.2493	105.0319982	105.070797	2.692967	105.069034	
2010	7	1900	7.791666667		01/07/2010 19:00	261.32	3.7366	0.39	16.57	0.426	13.5	40.2659	105.0269571	105.065756	2.687903	105.063970	
2010	7	2000	7.833333333		01/07/2010 20:00	260.85	3.7300	0.39	16.56	0.426	13.44	40.2814	105.0222184	105.061018	2.683143	105.059210	
2010	7	2100	7.875000000		01/07/2010 21:00	260.29	3.7221	0.39	16.55	0.426	13.4	40.3000	105.0165723	105.055371	2.677471	105.053539	
2010	7	2200	7.916666667		01/07/2010 22:00	259.92	3.7169	0.39	16.56	0.426	13.36	40.3122	105.0128418	105.051641	2.673724	105.049792	
2010	7	2300	7.958333333		01/07/2010 23:00	259.7	3.7138	0.39	16.57	0.426	13.33	40.3195	105.0106237	105.049423	2.671496	105.047564	
2010	7	2400	8.000000000		01/08/2010 0:00	259.78	3.7149	0.39	16.57	0.426	13.29	40.3168	105.0114303	105.050229	2.672306	105.048374	
2010	8	100	8.041666667		01/08/2010 1:00	260.35	3.7229	0.39	16.57	0.426	13.25	40.2980	105.0171772	105.055976	2.678079	105.054147	
2010	8	200	8.083333333		01/08/2010 2:00	261.17	3.7345	0.39	16.58	0.426	13.22	40.2709	105.0254447	105.064244	2.686384	105.062451	
2010	8	300	8.125000000		01/08/2010 3:00	261.95	3.7455	0.39	16.56	0.426	13.19	40.2450	105.0333089	105.072108	2.694283	105.070351	
2010	8	400	8.166666667		01/08/2010 4:00	262.73	3.7564	0.39	16.55	0.426	13.15	40.2192	105.0411731	105.079972	2.702183	105.078250	
2010	8	500	8.208333333		01/08/2010 5:00	263.44	3.7664	0.39	16.55	0.426	13.12	40.1958	105.0483316	105.087131	2.709373	105.085441	
2010	8	600	8.250000000		01/08/2010 6:00	264.15	3.7764	0.39	16.57	0.426	13.1	40.1723	105.0554901	105.094289	2.716564	105.092632	
2010	8	700	8.291666667		01/08/2010 7:00	264.81	3.7857	0.39	16.57	0.426	13.06	40.1504	105.0621444	105.100944	2.723248	105.099316	
2010	8	800	8.333333333		01/08/2010 8:00	265.25	3.7919	0.39	16.57	0.426	13.11	40.1359	105.0665806	105.105380	2.727704	105.103772	
2010	8	900	8.375000000		01/08/2010 9:00	265.42	3.7943	0.39	16.58	0.426	13.88	40.1303	105.0682946	105.107094	2.729426	105.105494	
2010	8	1000	8.416666667		01/08/2010 10:00	265.43	3.7945	0.39	16.57	0.426	13.79	40.1299	105.0683954	105.107195	2.729527	105.105595	
2010	8	1100	8.458333333		01/08/2010 11:00	265.42	3.7943	0.39	16.57	0.426	13.79	40.1303	105.0682946	105.107094	2.729426	105.105494	
2010	8	1200	8.500000000		01/08/2010 12:00	265.18	3.7909	0.39	16.55	0.426	13.79	40.1382	105.0658749	105.104674	2.726995	105.103063	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1300	8.541666667		01/08/2010 13:00	264.83	3.7860	0.39	16.57	0.426	13.78	40.1498	105.062346	105.101145	2.723451	105.099518	
2010	8	1400	8.583333333		01/08/2010 14:00	264.39	3.7798	0.39	16.57	0.426	13.77	40.1643	105.0579098	105.096709	2.718995	105.095062	
2010	8	1500	8.625000000		01/08/2010 15:00	263.96	3.7738	0.39	16.57	0.426	13.78	40.1786	105.0535744	105.092374	2.714640	105.090707	
2010	8	1600	8.666666667		01/08/2010 16:00	263.6	3.7687	0.39	16.57	0.426	13.7	40.1905	105.0499448	105.088744	2.710994	105.087061	
2010	8	1700	8.708333333		01/08/2010 17:00	263.19	3.7629	0.39	16.57	0.426	13.59	40.2040	105.045811	105.084610	2.706841	105.082909	
2010	8	1800	8.750000000		01/08/2010 18:00	262.75	3.7567	0.39	16.56	0.426	13.53	40.2186	105.0413748	105.080174	2.702385	105.078453	
2010	8	1900	8.791666667		01/08/2010 19:00	262.37	3.7514	0.39	16.56	0.426	13.47	40.2312	105.0375435	105.076343	2.698537	105.074604	
2010	8	2000	8.833333333		01/08/2010 20:00	262.14	3.7481	0.39	16.57	0.426	13.43	40.2388	105.0352246	105.074024	2.696207	105.072275	
2010	8	2100	8.875000000		01/08/2010 21:00	262.2	3.7490	0.39	16.57	0.426	13.38	40.2368	105.0358295	105.074629	2.696815	105.072883	
2010	8	2200	8.916666667		01/08/2010 22:00	262.67	3.7556	0.39	16.56	0.426	13.35	40.2212	105.0405682	105.079367	2.701575	105.077643	
2010	8	2300	8.958333333		01/08/2010 23:00	263.53	3.7677	0.39	16.57	0.426	13.3	40.1928	105.049239	105.088038	2.710285	105.086353	
2010	8	2400	9.000000000		01/09/2010 0:00	264.54	3.7819	0.39	16.57	0.426	13.26	40.1594	105.0594222	105.098221	2.720514	105.096581	
2010	9	100	9.041666667		01/09/2010 1:00	265.47	3.7950	0.39	16.57	0.426	13.23	40.1286	105.0687987	105.107598	2.729932	105.106000	
2010	9	200	9.083333333		01/09/2010 2:00	266.22	3.8056	0.39	16.56	0.426	13.2	40.1038	105.0763605	105.115160	2.737528	105.113596	
2010	9	300	9.125000000		01/09/2010 3:00	266.84	3.8143	0.39	16.57	0.426	13.17	40.0833	105.0826115	105.121411	2.743807	105.119875	
2010	9	400	9.166666667		01/09/2010 4:00	267.19	3.8192	0.39	16.57	0.426	13.13	40.0717	105.0861403	105.124940	2.747352	105.123420	
2010	9	500	9.208333333		01/09/2010 5:00	267.39	3.8220	0.39	16.57	0.426	13.11	40.0651	105.0881568	105.126956	2.749378	105.125445	
2010	9	600	9.250000000		01/09/2010 6:00	267.37	3.8218	0.39	16.56	0.426	13.07	40.0658	105.0879552	105.126754	2.749175	105.125243	
2010	9	700	9.291666667		01/09/2010 7:00	267.14	3.8185	0.39	16.57	0.426	13.04	40.0734	105.0856362	105.124435	2.746846	105.122913	
2010	9	800	9.333333333		01/09/2010 8:00	266.74	3.8129	0.39	16.57	0.426	13.01	40.0866	105.0816033	105.120402	2.742795	105.118862	
2010	9	900	9.375000000		01/09/2010 9:00	266.25	3.8060	0.39	16.56	0.426	13.19	40.1028	105.0766629	105.115462	2.737832	105.113900	
2010	9	1000	9.416666667		01/09/2010 10:00	265.67	3.7978	0.39	16.56	0.426	13.8	40.1220	105.0708152	105.109614	2.731958	105.108026	
2010	9	1100	9.458333333		01/09/2010 11:00	265.17	3.7908	0.39	16.57	0.426	13.79	40.1385	105.065774	105.104573	2.726894	105.102962	
2010	9	1200	9.500000000		01/09/2010 12:00	264.64	3.7833	0.39	16.56	0.426	13.77	40.1561	105.0604304	105.099230	2.721527	105.097594	
2010	9	1300	9.541666667		01/09/2010 13:00	264.02	3.7746	0.39	16.56	0.426	13.76	40.1766	105.0541794	105.092979	2.715247	105.091315	
2010	9	1400	9.583333333		01/09/2010 14:00	263.46	3.7667	0.39	16.57	0.426	13.76	40.1951	105.0485332	105.087332	2.709576	105.085644	
2010	9	1500	9.625000000		01/09/2010 15:00	262.84	3.7580	0.39	16.56	0.426	13.77	40.2156	105.0422822	105.081081	2.703297	105.079364	
2010	9	1600	9.666666667		01/09/2010 16:00	262.24	3.7495	0.39	16.58	0.426	13.65	40.2355	105.0362328	105.075032	2.697220	105.073288	
2010	9	1700	9.708333333		01/09/2010 17:00	261.65	3.7412	0.39	16.57	0.426	13.57	40.2550	105.0302842	105.069083	2.691245	105.067313	
2010	9	1800	9.750000000		01/09/2010 18:00	261.04	3.7326	0.39	16.56	0.426	13.5	40.2752	105.024134	105.062933	2.685067	105.061135	
2010	9	1900	9.791666667		01/09/2010 19:00	260.43	3.7241	0.39	16.57	0.426	13.45	40.2953	105.0179838	105.056783	2.678889	105.054957	
2010	9	2000	9.833333333		01/09/2010 20:00	259.84	3.7158	0.39	16.57	0.426	13.4	40.3148	105.0120352	105.050834	2.672914	105.048981	
2010	9	2100	9.875000000		01/09/2010 21:00	259.12	3.7056	0.39	16.56	0.426	13.36	40.3387	105.0047759	105.043575	2.665622	105.041690	
2010	9	2200	9.916666667		01/09/2010 22:00	258.52	3.6972	0.39	16.55	0.426	13.31	40.3585	104.9987265	105.037526	2.659545	105.035613	
2010	9	2300	9.958333333		01/09/2010 23:00	257.9	3.6884	0.39	16.57	0.426	13.27	40.3790	104.9924755	105.031275	2.653266	105.029334	
2010	9	2400	10.000000000		01/10/2010 0:00	257.27	3.6796	0.39	16.56	0.426	13.24	40.3999	104.9861236	105.024923	2.646886	105.022953	
2010	10	100	10.041666667		01/10/2010 1:00	256.64	3.6707	0.39	16.56	0.426	13.21	40.4207	104.9797718	105.018571	2.640505	105.016573	
2010	10	200	10.083333333		01/10/2010 2:00	256.05	3.6624	0.39	16.56	0.426	13.18	40.4402	104.9738232	105.012622	2.634530	105.010598	
2010	10	300	10.125000000		01/10/2010 3:00	255.56	3.6555	0.39	16.57	0.426	13.14	40.4564	104.9688829	105.007682	2.629567	105.005635	
2010	10	400	10.166666667		01/10/2010 4:00	255.2	3.6504	0.39	16.57	0.426	13.11	40.4683	104.9652532	105.004052	2.625921	105.001989	
2010	10	500	10.208333333		01/10/2010 5:00	254.94	3.6468	0.39	16.57	0.426	13.08	40.4769	104.9626318	105.001431	2.623288	104.999356	
2010	10	600	10.250000000		01/10/2010 6:00	254.72	3.6437	0.39	16.57	0.426	13.05	40.4842	104.9604137	104.999213	2.621060	104.997128	
2010	10	700	10.291666667		01/10/2010 7:00	254.54	3.6411	0.39	16.57	0.426	13.02	40.4902	104.9585989	104.997398	2.619237	104.995305	
2010	10	800	10.333333333		01/10/2010 8:00	254.34	3.6383	0.39	16.56	0.426	12.99	40.4968	104.9565824	104.995382	2.617212	104.993279	
2010	10	900	10.375000000		01/10/2010 9:00	254.23	3.6368	0.39	16.55	0.426	12.97	40.5004	104.9554734	104.994273	2.616098	104.992165	
2010	10	1000	10.416666667		01/10/2010 10:00	254.05	3.6342	0.39	16.57	0.426	13.31	40.5064	104.9536585	104.992458	2.614275	104.990342	
2010	10	1100	10.458333333		01/10/2010 11:00	253.8	3.6307	0.39	16.57	0.426	13.77	40.5146	104.951138	104.989937	2.611743	104.987810	
2010	10	1200	10.500000000		01/10/2010 12:00	253.56	3.6273	0.39	16.57	0.426	13.76	40.5226	104.9487182	104.987517	2.609312	104.985380	
2010	10	1300	10.541666667		01/10/2010 13:00	253.36	3.6245	0.39	16.57	0.426	13.76	40.5292	104.9467017	104.985501	2.607287	104.983354	
2010	10	1400	10.583333333		01/10/2010 14:00	253.15	3.6216	0.39	16.57	0.426	13.75	40.5361	104.9445844	104.983384	2.605160	104.981227	
2010	10	1500	10.625000000		01/10/2010 15:00	252.99	3.6193	0.39	16.56	0.426	13.75	40.5414	104.9429713	104.981770	2.603539	104.979607	
2010	10	1600	10.666666667		01/10/2010 16:00	252.66	3.6147	0.39	16.57	0.426	13.59	40.5523	104.9396441	104.978443	2.600197	104.976265	
2010	10	1700	10.708333333		01/10/2010 17:00	252.42	3.6113	0.39	16.57	0.426	13.52	40.5603	104.9372243	104.976024	2.597767	104.973834	
2010	10	1800	10.750000000		01/10/2010 18:00	252.21	3.6083	0.39	16.56	0.426	13.45	40.5672	104.9351071	104.973906	2.595640	104.971707	
2010	10	1900	10.791666667		01/10/2010 19:00	251.96	3.6048	0.39	16.57	0.426	13.42	40.5755	104.9325865	104.971386	2.593108	104.969176	
2010	10	2000	10.833333333		01/10/2010 20:00	251.76	3.6020	0.39	16.56	0.426	13.37	40.5821	104.93057	104.969369	2.591082	104.967150	
2010	10	2100	10.875000000		01/10/2010 21:00	251.51	3.5985	0.39	16.56	0.426	13.32	40.5904	104.9280494	104.966849	2.588550	104.964618	
2010	10	2200	10.916666667		01/10/2010 22:00	251.34	3.5961	0.39	16.57	0.426	13.28	40.5960	104.9263354	104.965135	2.586829	104.962896	
2010	10	2300	10.958333333		01/10/2010 23:00	251.37	3.5965	0.39	16.56	0.426	13.25	40.5950	104.9266379	104.965437	2.587133	104.963200	
2010	10	2400	11.000000000		01/11/2010 0:00	251.75	3.6019	0.39	16.57	0.426	13.21	40.5825	104.9304692	104.969268	2.590981	104.967049	
2010	11	100	11.041666667		01/11/2010 1:00	252.43	3.6114	0.39	16.56	0.426	13.18	40.5600	104.9373252	104.976124	2.597868	104.973936	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	11	200	11.083333333		01/11/2010 2:00	253.09	3.6207	0.39	16.57	0.426	13.15	40.5381	104.9439795	104.982779	2.604552	104.980620	
2010	11	300	11.125000000		01/11/2010 3:00	253.77	3.6303	0.39	16.57	0.426	13.12	40.5156	104.9508355	104.989635	2.611439	104.987507	
2010	11	400	11.166666667		01/11/2010 4:00	254.22	3.6366	0.39	16.57	0.426	13.08	40.5007	104.9553725	104.994172	2.615996	104.992064	
2010	11	500	11.208333333		01/11/2010 5:00	254.45	3.6399	0.39	16.58	0.426	13.05	40.4931	104.9576915	104.996491	2.618326	104.994393	
2010	11	600	11.250000000		01/11/2010 6:00	254.6	3.6420	0.39	16.59	0.426	13.02	40.4882	104.9592038	104.998003	2.619845	104.995913	
2010	11	700	11.291666667		01/11/2010 7:00	254.52	3.6409	0.39	16.58	0.426	12.99	40.4908	104.9583972	104.997196	2.619035	104.995102	
2010	11	800	11.333333333		01/11/2010 8:00	254.29	3.6376	0.39	16.58	0.426	12.96	40.4984	104.9560783	104.994878	2.616705	104.992773	
2010	11	900	11.375000000		01/11/2010 9:00	253.94	3.6327	0.39	16.57	0.426	13.06	40.5100	104.9525495	104.991349	2.613161	104.989228	
2010	11	1000	11.416666667		01/11/2010 10:00	253.6	3.6279	0.39	16.58	0.426	13.79	40.5213	104.9491215	104.987921	2.609717	104.985785	
2010	11	1100	11.458333333		01/11/2010 11:00	253.21	3.6224	0.39	16.58	0.426	13.75	40.5342	104.9451894	104.983989	2.605767	104.981835	
2010	11	1200	11.500000000		01/11/2010 12:00	252.99	3.6193	0.39	16.58	0.426	13.74	40.5414	104.9429713	104.981770	2.603539	104.979607	
2010	11	1300	11.541666667		01/11/2010 13:00	252.86	3.6175	0.39	16.57	0.426	13.74	40.5457	104.9416606	104.980460	2.602223	104.978290	
2010	11	1400	11.583333333		01/11/2010 14:00	253.07	3.6204	0.39	16.56	0.426	13.73	40.5388	104.9437779	104.982577	2.604350	104.980417	
2010	11	1500	11.625000000		01/11/2010 15:00	253.4	3.6251	0.39	16.57	0.426	13.73	40.5279	104.947105	104.985904	2.607692	104.983759	
2010	11	1600	11.666666667		01/11/2010 16:00	253.71	3.6294	0.39	16.57	0.426	13.63	40.5176	104.9502305	104.989030	2.610831	104.986899	
2010	11	1700	11.708333333		01/11/2010 17:00	254.01	3.6337	0.39	16.56	0.426	13.54	40.5077	104.9532552	104.992054	2.613870	104.989937	
2010	11	1800	11.750000000		01/11/2010 18:00	254.47	3.6401	0.39	16.56	0.426	13.48	40.4925	104.9578931	104.996692	2.618528	104.994596	
2010	11	1900	11.791666667		01/11/2010 19:00	255.03	3.6480	0.39	16.58	0.426	13.43	40.4740	104.9635392	105.002338	2.624200	105.000267	
2010	11	2000	11.833333333		01/11/2010 20:00	255.33	3.6523	0.39	16.59	0.426	13.38	40.4640	104.9665639	105.005363	2.627238	105.003306	
2010	11	2100	11.875000000		01/11/2010 21:00	255.63	3.6565	0.39	16.58	0.426	13.34	40.4541	104.9695886	105.008388	2.630276	105.006344	
2010	11	2200	11.916666667		01/11/2010 22:00	255.86	3.6597	0.39	16.58	0.426	13.29	40.4465	104.9719076	105.010707	2.632606	105.008673	
2010	11	2300	11.958333333		01/11/2010 23:00	256.34	3.6665	0.39	16.58	0.426	13.25	40.4306	104.9767471	105.015546	2.637467	105.013535	
2010	11	2400	12.000000000		01/12/2010 0:00	257.13	3.6776	0.39	16.57	0.426	13.21	40.4045	104.9847121	105.023511	2.645468	105.021536	
2010	12	100	12.041666667		01/12/2010 1:00	258.13	3.6917	0.39	16.58	0.426	13.18	40.3714	104.9947944	105.033594	2.655596	105.031663	
2010	12	200	12.083333333		01/12/2010 2:00	259.08	3.7051	0.39	16.58	0.426	13.15	40.3400	105.0043727	105.043172	2.665217	105.041284	
2010	12	300	12.125000000		01/12/2010 3:00	259.92	3.7169	0.39	16.58	0.426	13.11	40.3122	105.0128418	105.051641	2.673724	105.049792	
2010	12	400	12.166666667		01/12/2010 4:00	260.51	3.7252	0.39	16.58	0.426	13.08	40.2927	105.0187904	105.057590	2.679699	105.055767	
2010	12	500	12.208333333		01/12/2010 5:00	260.84	3.7298	0.39	16.58	0.426	13.04	40.2818	105.0221175	105.060917	2.683041	105.059109	
2010	12	600	12.250000000		01/12/2010 6:00	260.92	3.7310	0.39	16.59	0.426	13.02	40.2791	105.0229241	105.061723	2.683852	105.059919	
2010	12	700	12.291666667		01/12/2010 7:00	260.81	3.7294	0.39	16.59	0.426	13	40.2828	105.0218151	105.060614	2.682738	105.058805	
2010	12	800	12.333333333		01/12/2010 8:00	260.68	3.7276	0.39	16.58	0.426	12.97	40.2871	105.0205044	105.059304	2.681421	105.057489	
2010	12	900	12.375000000		01/12/2010 9:00	260.44	3.7242	0.39	16.59	0.426	13.05	40.2950	105.0180846	105.056884	2.678990	105.055058	
2010	12	1000	12.416666667		01/12/2010 10:00	260.14	3.7200	0.39	16.58	0.426	13.74	40.3049	105.0150599	105.053859	2.675952	105.052020	
2010	12	1100	12.458333333		01/12/2010 11:00	259.84	3.7158	0.39	16.6	0.426	13.72	40.3148	105.0120352	105.050834	2.672914	105.048981	
2010	12	1200	12.500000000		01/12/2010 12:00	259.36	3.7090	0.39	16.58	0.426	13.7	40.3307	105.0071957	105.045995	2.668053	105.044120	
2010	12	1300	12.541666667		01/12/2010 13:00	259.16	3.7062	0.39	16.57	0.426	13.66	40.3373	105.0051792	105.043978	2.666027	105.042095	
2010	12	1400	12.583333333		01/12/2010 14:00	259.14	3.7059	0.39	16.58	0.426	13.64	40.3380	105.0049776	105.043777	2.665824	105.041892	
2010	12	1500	12.625000000		01/12/2010 15:00	259.05	3.7046	0.39	16.57	0.426	13.66	40.3410	105.0040702	105.042869	2.664913	105.040981	
2010	12	1600	12.666666667		01/12/2010 16:00	259.44	3.7101	0.39	16.58	0.426	13.63	40.3281	105.0080023	105.046801	2.668863	105.044930	
2010	12	1700	12.708333333		01/12/2010 17:00	259.98	3.7177	0.39	16.59	0.426	13.55	40.3102	105.0134467	105.052246	2.674332	105.050399	
2010	12	1800	12.750000000		01/12/2010 18:00	260.5	3.7250	0.39	16.57	0.426	13.47	40.2930	105.0186896	105.057489	2.679598	105.055666	
2010	12	1900	12.791666667		01/12/2010 19:00	260.97	3.7317	0.39	16.58	0.426	13.4	40.2775	105.0234283	105.062227	2.684358	105.060426	
2010	12	2000	12.833333333		01/12/2010 20:00	261.46	3.7386	0.39	16.57	0.426	13.36	40.2613	105.0283686	105.067168	2.689321	105.065388	
2010	12	2100	12.875000000		01/12/2010 21:00	261.89	3.7446	0.39	16.59	0.426	13.32	40.2470	105.032704	105.071503	2.693675	105.069743	
2010	12	2200	12.916666667		01/12/2010 22:00	262.34	3.7509	0.39	16.59	0.426	13.28	40.2321	105.037241	105.076040	2.698233	105.074301	
2010	12	2300	12.958333333		01/12/2010 23:00	262.95	3.7595	0.39	16.58	0.426	13.24	40.2120	105.0433913	105.082190	2.704411	105.080479	
2010	12	2400	13.000000000		01/13/2010 0:00	263.64	3.7693	0.39	16.58	0.426	13.2	40.1891	105.0503481	105.089147	2.711399	105.087467	
2010	13	100	13.041666667		01/13/2010 1:00	264.33	3.7790	0.39	16.59	0.426	13.17	40.1663	105.0573049	105.096104	2.718387	105.094455	
2010	13	200	13.083333333		01/13/2010 2:00	265.11	3.7899	0.39	16.57	0.426	13.13	40.1405	105.0651691	105.103968	2.726287	105.102354	
2010	13	300	13.125000000		01/13/2010 3:00	265.7	3.7983	0.39	16.58	0.426	13.1	40.1210	105.0711177	105.109917	2.732262	105.108330	
2010	13	400	13.166666667		01/13/2010 4:00	266.17	3.8049	0.39	16.59	0.426	13.08	40.1055	105.0758564	105.114656	2.737022	105.113090	
2010	13	500	13.208333333		01/13/2010 5:00	266.28	3.8064	0.39	16.59	0.426	13.04	40.1018	105.0769654	105.115765	2.738136	105.114204	
2010	13	600	13.250000000		01/13/2010 6:00	266.07	3.8035	0.39	16.59	0.426	13.01	40.1088	105.0748481	105.113647	2.736009	105.112077	
2010	13	700	13.291666667		01/13/2010 7:00	265.78	3.7994	0.39	16.59	0.426	12.98	40.1184	105.0719242	105.110723	2.733072	105.109140	
2010	13	800	13.333333333		01/13/2010 8:00	265.23	3.7916	0.39	16.57	0.426	12.96	40.1366	105.066379	105.105178	2.727502	105.103570	
2010	13	900	13.375000000		01/13/2010 9:00	264.64	3.7833	0.39	16.59	0.426	12.95	40.1561	105.0604304	105.099230	2.721527	105.097594	
2010	13	1000	13.416666667		01/13/2010 10:00	264.09	3.7756	0.39	16.57	0.426	13.71	40.1743	105.0548851	105.093684	2.715956	105.092024	
2010	13	1100	13.458333333		01/13/2010 11:00	263.68	3.7698	0.39	16.58	0.426	13.69	40.1878	105.0507514	105.089551	2.711804	105.087872	
2010	13	1200	13.500000000		01/13/2010 12:00	263.26	3.7639	0.39	16.6	0.425	13.7	40.2017	105.0465168	105.085316	2.707550	105.083618	
2010	13	1300	13.541666667		01/13/2010 13:00	262.86	3.7583	0.39	16.57	0.426	13.68	40.2149	105.0424839	105.081283	2.703499	105.079567	
2010	13	1400	13.583333333		01/13/2010 14:00	262.61	3.7547	0.39	16.59	0.425	13.66	40.2232	105.0399633	105.078762	2.700967	105.077035	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1500	13.625000000		01/13/2010 15:00	262.58	3.7543	0.39	16.58	0.426	13.66	40.2242	105.0396608	105.078460	2.700664	105.076731	
2010	13	1600	13.666666667		01/13/2010 16:00	262.72	3.7563	0.39	16.58	0.425	13.63	40.2196	105.0410723	105.079872	2.702081	105.078149	
2010	13	1700	13.708333333		01/13/2010 17:00	262.72	3.7563	0.39	16.59	0.425	13.55	40.2196	105.0410723	105.079872	2.702081	105.078149	
2010	13	1800	13.750000000		01/13/2010 18:00	262.76	3.7569	0.39	16.59	0.425	13.47	40.2183	105.0414756	105.080275	2.702487	105.078554	
2010	13	1900	13.791666667		01/13/2010 19:00	262.9	3.7588	0.39	16.58	0.425	13.42	40.2136	105.0428871	105.081686	2.703904	105.079972	
2010	13	2000	13.833333333		01/13/2010 20:00	263.62	3.7690	0.39	16.57	0.425	13.37	40.1898	105.0501464	105.088946	2.711196	105.087264	
2010	13	2100	13.875000000		01/13/2010 21:00	263.97	3.7739	0.39	16.59	0.425	13.32	40.1782	105.0536752	105.092474	2.714741	105.090809	
2010	13	2200	13.916666667		01/13/2010 22:00	264.31	3.7787	0.39	16.58	0.425	13.27	40.1670	105.0571032	105.095902	2.718184	105.094252	
2010	13	2300	13.958333333		01/13/2010 23:00	264.5	3.7814	0.39	16.58	0.425	13.22	40.1607	105.0590189	105.097818	2.720109	105.096176	
2010	13	2400	14.000000000		01/14/2010 0:00	264.75	3.7849	0.39	16.58	0.425	13.19	40.1524	105.0615395	105.100339	2.722641	105.098708	
2010	14	100	14.041666667		01/14/2010 1:00	265.04	3.7890	0.39	16.58	0.425	13.15	40.1428	105.0644633	105.103263	2.725578	105.101645	
2010	14	200	14.083333333		01/14/2010 2:00	265.27	3.7922	0.39	16.57	0.426	13.11	40.1352	105.0667823	105.105581	2.727907	105.103975	
2010	14	300	14.125000000		01/14/2010 3:00	265.23	3.7916	0.39	16.58	0.425	13.08	40.1366	105.066379	105.105178	2.727502	105.103570	
2010	14	400	14.166666667		01/14/2010 4:00	265.12	3.7901	0.39	16.58	0.425	13.04	40.1402	105.0652699	105.104069	2.726388	105.102456	
2010	14	500	14.208333333		01/14/2010 5:00	264.95	3.7877	0.39	16.58	0.425	13	40.1458	105.0635559	105.102355	2.724666	105.100734	
2010	14	600	14.250000000		01/14/2010 6:00	264.73	3.7846	0.39	16.57	0.425	12.98	40.1531	105.0613378	105.100137	2.722438	105.098506	
2010	14	700	14.291666667		01/14/2010 7:00	264.56	3.7822	0.39	16.57	0.425	12.95	40.1587	105.0596238	105.098423	2.720716	105.096784	
2010	14	800	14.333333333		01/14/2010 8:00	264.12	3.7760	0.39	16.58	0.425	13.69	40.1733	105.0551876	105.093987	2.716260	105.092328	
2010	14	900	14.375000000		01/14/2010 9:00	263.4	3.7659	0.39	16.58	0.425	13.67	40.1971	105.0479283	105.086728	2.708968	105.085036	
2010	14	1000	14.416666667		01/14/2010 10:00	263.04	3.7608	0.39	16.58	0.425	13.64	40.2090	105.0442987	105.083098	2.705322	105.081390	
2010	14	1100	14.458333333		01/14/2010 11:00	262.38	3.7515	0.39	16.58	0.426	13.6	40.2308	105.0376443	105.076444	2.698638	105.074706	
2010	14	1200	14.500000000		01/14/2010 12:00	261.83	3.7438	0.39	16.58	0.425	13.56	40.2490	105.0320991	105.070898	2.693068	105.069136	
2010	14	1300	14.541666667		01/14/2010 13:00	261.56	3.7400	0.39	16.57	0.426	13.54	40.2580	105.0293768	105.068176	2.690333	105.066401	
2010	14	1400	14.583333333		01/14/2010 14:00	261.08	3.7332	0.39	16.58	0.425	13.55	40.2738	105.0245373	105.063337	2.685472	105.061540	
2010	14	1500	14.625000000		01/14/2010 15:00	260.64	3.7270	0.39	16.58	0.425	13.56	40.2884	105.0201011	105.058900	2.681016	105.057084	
2010	14	1600	14.666666667		01/14/2010 16:00	260.18	3.7205	0.39	16.58	0.425	13.44	40.3036	105.0154632	105.054262	2.676357	105.052425	
2010	14	1700	14.708333333		01/14/2010 17:00	259.7	3.7138	0.39	16.58	0.425	13.37	40.3195	105.0106237	105.049423	2.671496	105.047564	
2010	14	1800	14.750000000		01/14/2010 18:00	259.26	3.7076	0.39	16.57	0.425	13.32	40.3340	105.0061875	105.044987	2.667040	105.043107	
2010	14	1900	14.791666667		01/14/2010 19:00	258.8	3.7011	0.39	16.58	0.425	13.28	40.3492	105.0015496	105.040349	2.662381	105.038449	
2010	14	2000	14.833333333		01/14/2010 20:00	258.4	3.6955	0.39	16.58	0.425	13.23	40.3625	104.9975167	105.036316	2.658330	105.034398	
2010	14	2100	14.875000000		01/14/2010 21:00	258.04	3.6904	0.39	16.57	0.425	13.19	40.3744	104.993887	105.032686	2.654684	105.030752	
2010	14	2200	14.916666667		01/14/2010 22:00	257.68	3.6853	0.39	16.58	0.425	13.15	40.3863	104.9902574	105.029057	2.651038	105.027106	
2010	14	2300	14.958333333		01/14/2010 23:00	257.43	3.6818	0.39	16.59	0.425	13.11	40.3946	104.9877368	105.026536	2.648506	105.024574	
2010	14	2400	15.000000000		01/15/2010 0:00	257.32	3.6803	0.39	16.58	0.425	13.08	40.3982	104.9866278	105.025427	2.647392	105.023460	
2010	15	100	15.041666667		01/15/2010 1:00	257.55	3.6835	0.39	16.58	0.425	13.05	40.3906	104.9889467	105.027746	2.649721	105.025789	
2010	15	200	15.083333333		01/15/2010 2:00	257.58	3.6839	0.39	16.57	0.425	13.02	40.3896	104.9892492	105.028048	2.650025	105.026093	
2010	15	300	15.125000000		01/15/2010 3:00	257.62	3.6845	0.39	16.58	0.425	12.98	40.3883	104.9896525	105.028452	2.650430	105.026498	
2010	15	400	15.166666667		01/15/2010 4:00	257.46	3.6822	0.39	16.58	0.425	12.95	40.3936	104.9880393	105.026838	2.648810	105.024878	
2010	15	500	15.208333333		01/15/2010 5:00	257.31	3.6801	0.39	16.57	0.425	12.92	40.3985	104.9865269	105.025326	2.647291	105.023359	
2010	15	600	15.250000000		01/15/2010 6:00	257.03	3.6762	0.39	16.59	0.425	12.89	40.4078	104.9837039	105.022503	2.644455	105.020523	
2010	15	700	15.291666667		01/15/2010 7:00	256.79	3.6728	0.39	16.58	0.425	12.86	40.4157	104.9812841	105.020083	2.642024	105.018092	
2010	15	800	15.333333333		01/15/2010 8:00	256.6	3.6701	0.39	16.59	0.426	12.83	40.4220	104.9793685	105.018168	2.640100	105.016168	
2010	15	900	15.375000000		01/15/2010 9:00	256.37	3.6669	0.389	16.6	0.425	12.81	40.4296	104.9770495	105.015849	2.637771	105.013839	
2010	15	1000	15.416666667		01/15/2010 10:00	256.15	3.6638	0.389	16.59	0.425	13.15	40.4369	104.9748314	105.013631	2.635543	105.011610	
2010	15	1100	15.458333333		01/15/2010 11:00	255.88	3.6600	0.389	16.57	0.425	13.62	40.4458	104.9721092	105.010908	2.632808	105.008876	
2010	15	1200	15.500000000		01/15/2010 12:00	255.87	3.6599	0.39	16.59	0.426	13.59	40.4462	104.9720084	105.010808	2.632707	105.008775	
2010	15	1300	15.541666667		01/15/2010 13:00	255.72	3.6577	0.39	16.58	0.425	13.57	40.4511	104.970496	105.009295	2.631188	105.007256	
2010	15	1400	15.583333333		01/15/2010 14:00	255.84	3.6594	0.39	16.58	0.425	13.55	40.4472	104.9717059	105.010505	2.632403	105.008471	
2010	15	1500	15.625000000		01/15/2010 15:00	255.93	3.6607	0.39	16.58	0.425	13.51	40.4442	104.9726133	105.011413	2.633315	105.009382	
2010	15	1600	15.666666667		01/15/2010 16:00	255.95	3.6610	0.39	16.58	0.425	13.42	40.4435	104.972815	105.011614	2.633517	105.009585	
2010	15	1700	15.708333333		01/15/2010 17:00	255.99	3.6615	0.39	16.59	0.426	13.34	40.4422	104.9732183	105.012017	2.633922	105.009990	
2010	15	1800	15.750000000		01/15/2010 18:00	255.87	3.6599	0.39	16.58	0.426	13.29	40.4462	104.9720084	105.010808	2.632707	105.008775	
2010	15	1900	15.791666667		01/15/2010 19:00	255.96	3.6611	0.39	16.57	0.426	13.25	40.4432	104.9729158	105.011715	2.633618	105.009686	
2010	15	2000	15.833333333		01/15/2010 20:00	255.87	3.6599	0.39	16.59	0.426	13.2	40.4462	104.9720084	105.010808	2.632707	105.008775	
2010	15	2100	15.875000000		01/15/2010 21:00	255.61	3.6562	0.39	16.59	0.426	13.17	40.4548	104.969387	105.008186	2.630074	105.006142	
2010	15	2200	15.916666667		01/15/2010 22:00	255.48	3.6544	0.39	16.59	0.426	13.13	40.4591	104.9680763	105.006875	2.628757	105.004825	
2010	15	2300	15.958333333		01/15/2010 23:00	255.26	3.6513	0.39	16.57	0.425	13.09	40.4663	104.9658582	105.004657	2.626529	105.002597	
2010	15	2400	16.000000000		01/16/2010 0:00	254.94	3.6468	0.39	16.59	0.425	13.06	40.4769	104.9626318	105.001431	2.623288	104.999356	
2010	16	100	16.041666667		01/16/2010 1:00	254.78	3.6445	0.39	16.61	0.425	13.02	40.4822	104.9610186	104.999818	2.621668	104.997736	
2010	16	200	16.083333333		01/16/2010 2:00	254.55	3.6413	0.39	16.57	0.425	12.99	40.4898	104.9586997	104.997499	2.619339	104.995406	
2010	16	300	16.125000000		01/16/2010 3:00	254.43	3.6396	0.39	16.58	0.425	12.96	40.4938	104.9574898	104.996289	2.618123	104.994191	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	16	400	16.166666667		01/16/2010 4:00	254.26	3.6372	0.39	16.59	0.426	12.93	40.4994	104.9557758	104.994575	2.616401	104.992469	
2010	16	500	16.208333333		01/16/2010 5:00	254.14	3.6355	0.39	16.59	0.425	12.9	40.5034	104.954566	104.993365	2.615186	104.991254	
2010	16	600	16.250000000		01/16/2010 6:00	253.99	3.6334	0.39	16.6	0.425	12.87	40.5084	104.9530536	104.991853	2.613667	104.989735	
2010	16	700	16.291666667		01/16/2010 7:00	253.83	3.6311	0.39	16.58	0.426	12.84	40.5136	104.9514404	104.990240	2.612047	104.988114	
2010	16	800	16.333333333		01/16/2010 8:00	253.62	3.6282	0.39	16.58	0.425	12.81	40.5206	104.9493231	104.988122	2.609920	104.985987	
2010	16	900	16.375000000		01/16/2010 9:00	253.37	3.6247	0.39	16.6	0.425	12.87	40.5289	104.9468026	104.985602	2.607388	104.983456	
2010	16	1000	16.416666667		01/16/2010 10:00	253.16	3.6217	0.39	16.59	0.425	13.66	40.5358	104.9446853	104.983484	2.605261	104.981329	
2010	16	1100	16.458333333		01/16/2010 11:00	252.95	3.6187	0.39	16.59	0.425	13.63	40.5428	104.942568	104.981367	2.603134	104.979202	
2010	16	1200	16.500000000		01/16/2010 12:00	252.78	3.6164	0.39	16.61	0.425	13.64	40.5484	104.940854	104.979653	2.601413	104.977480	
2010	16	1300	16.541666667		01/16/2010 13:00	252.6	3.6138	0.39	16.61	0.425	13.62	40.5543	104.9390392	104.977838	2.599590	104.975657	
2010	16	1400	16.583333333		01/16/2010 14:00	252.39	3.6109	0.39	16.61	0.425	13.62	40.5613	104.9369219	104.975721	2.597463	104.973530	
2010	16	1500	16.625000000		01/16/2010 15:00	252.29	3.6095	0.39	16.59	0.425	13.62	40.5646	104.9359136	104.974713	2.596450	104.972518	
2010	16	1600	16.666666667		01/16/2010 16:00	252.09	3.6066	0.39	16.59	0.426	13.53	40.5712	104.9338972	104.972696	2.594424	104.970492	
2010	16	1700	16.708333333		01/16/2010 17:00	251.9	3.6040	0.39	16.59	0.426	13.45	40.5775	104.9319815	104.970781	2.592500	104.968568	
2010	16	1800	16.750000000		01/16/2010 18:00	251.64	3.6003	0.39	16.61	0.425	13.39	40.5861	104.9293601	104.968159	2.589867	104.965935	
2010	16	1900	16.791666667		01/16/2010 19:00	251.35	3.5962	0.39	16.59	0.426	13.34	40.5957	104.9264363	104.965235	2.586930	104.962998	
2010	16	2000	16.833333333		01/16/2010 20:00	251.1	3.5927	0.39	16.6	0.426	13.29	40.6040	104.9239157	104.962715	2.584398	104.960466	
2010	16	2100	16.875000000		01/16/2010 21:00	250.7	3.5871	0.39	16.59	0.426	13.25	40.6172	104.9198827	104.958682	2.580347	104.956415	
2010	16	2200	16.916666667		01/16/2010 22:00	250.33	3.5819	0.39	16.6	0.426	13.21	40.6294	104.9161523	104.954951	2.576600	104.952668	
2010	16	2300	16.958333333		01/16/2010 23:00	249.95	3.5765	0.39	16.59	0.425	13.17	40.6420	104.912321	104.951120	2.572751	104.948819	
2010	16	2400	17.000000000		01/17/2010 0:00	249.75	3.5737	0.39	16.59	0.426	13.13	40.6486	104.9103045	104.949104	2.570726	104.946793	
2010	17	100	17.041666667		01/17/2010 1:00	249.76	3.5738	0.39	16.58	0.426	13.1	40.6483	104.9104054	104.949205	2.570827	104.946895	
2010	17	200	17.083333333		01/17/2010 2:00	249.89	3.5757	0.39	16.59	0.426	13.07	40.6440	104.9117161	104.950515	2.572144	104.948211	
2010	17	300	17.125000000		01/17/2010 3:00	249.99	3.5771	0.39	16.6	0.426	13.04	40.6407	104.9127243	104.951523	2.573156	104.949224	
2010	17	400	17.166666667		01/17/2010 4:00	250.19	3.5799	0.39	16.59	0.426	13.01	40.6341	104.9147408	104.953540	2.575182	104.951250	
2010	17	500	17.208333333		01/17/2010 5:00	250.39	3.5827	0.39	16.6	0.426	12.98	40.6274	104.9167572	104.955556	2.577207	104.953275	
2010	17	600	17.250000000		01/17/2010 6:00	250.57	3.5852	0.39	16.6	0.426	12.95	40.6215	104.918572	104.957371	2.579030	104.955098	
2010	17	700	17.291666667		01/17/2010 7:00	250.76	3.5879	0.39	16.6	0.426	12.92	40.6152	104.9204877	104.959287	2.580955	104.957022	
2010	17	800	17.333333333		01/17/2010 8:00	250.83	3.5889	0.39	16.6	0.425	12.89	40.6129	104.9211934	104.959993	2.581664	104.957731	
2010	17	900	17.375000000		01/17/2010 9:00	250.8	3.5885	0.39	16.58	0.426	13	40.6139	104.920891	104.959690	2.581360	104.957428	
2010	17	1000	17.416666667		01/17/2010 10:00	250.68	3.5868	0.39	16.6	0.426	13.69	40.6178	104.9196811	104.958480	2.580144	104.956212	
2010	17	1100	17.458333333		01/17/2010 11:00	250.51	3.5844	0.39	16.6	0.426	13.67	40.6235	104.9179671	104.956766	2.578423	104.954490	
2010	17	1200	17.500000000		01/17/2010 12:00	250.22	3.5803	0.39	16.6	0.425	13.68	40.6331	104.9150432	104.953842	2.575486	104.951553	
2010	17	1300	17.541666667		01/17/2010 13:00	249.9	3.5758	0.39	16.6	0.426	13.67	40.6436	104.9118169	104.950616	2.572245	104.948313	
2010	17	1400	17.583333333		01/17/2010 14:00	249.71	3.5731	0.39	16.6	0.426	13.67	40.6499	104.9099012	104.948700	2.570321	104.946388	
2010	17	1500	17.625000000		01/17/2010 15:00	249.43	3.5692	0.39	16.6	0.426	13.67	40.6592	104.9070782	104.945877	2.567485	104.943553	
2010	17	1600	17.666666667		01/17/2010 16:00	249.15	3.5652	0.39	16.59	0.426	13.54	40.6685	104.9042551	104.943054	2.564649	104.940717	
2010	17	1700	17.708333333		01/17/2010 17:00	248.85	3.5610	0.39	16.6	0.426	13.47	40.6784	104.9012304	104.940030	2.561611	104.937679	
2010	17	1800	17.750000000		01/17/2010 18:00	248.59	3.5574	0.39	16.59	0.426	13.41	40.6870	104.898609	104.937408	2.558978	104.935045	
2010	17	1900	17.791666667		01/17/2010 19:00	248.34	3.5538	0.39	16.6	0.426	13.36	40.6952	104.8960884	104.934888	2.556446	104.932513	
2010	17	2000	17.833333333		01/17/2010 20:00	248.03	3.5495	0.39	16.6	0.426	13.31	40.7055	104.8929629	104.931762	2.553306	104.929374	
2010	17	2100	17.875000000		01/17/2010 21:00	247.72	3.5451	0.39	16.6	0.426	13.26	40.7158	104.8898374	104.928637	2.550167	104.926234	
2010	17	2200	17.916666667		01/17/2010 22:00	247.48	3.5417	0.39	16.6	0.426	13.22	40.7237	104.8874176	104.926217	2.547736	104.923804	
2010	17	2300	17.958333333		01/17/2010 23:00	247.11	3.5365	0.39	16.6	0.426	13.19	40.7359	104.8836872	104.922486	2.543989	104.920056	
2010	17	2400	18.000000000		01/18/2010 0:00	247.09	3.5362	0.39	16.61	0.426	13.15	40.7366	104.8834855	104.922285	2.543786	104.919854	
2010	18	100	18.041666667		01/18/2010 1:00	247.22	3.5381	0.39	16.61	0.426	13.12	40.7323	104.8847962	104.923595	2.545103	104.921171	
2010	18	200	18.083333333		01/18/2010 2:00	247.07	3.5360	0.39	16.61	0.426	13.09	40.7373	104.8832839	104.922083	2.543584	104.919651	
2010	18	300	18.125000000		01/18/2010 3:00	247.03	3.5354	0.39	16.6	0.426	13.06	40.7386	104.8828806	104.921680	2.543179	104.919246	
2010	18	400	18.166666667		01/18/2010 4:00	247.03	3.5354	0.39	16.61	0.426	13.02	40.7386	104.8828806	104.921680	2.543179	104.919246	
2010	18	500	18.208333333		01/18/2010 5:00	246.87	3.5331	0.39	16.61	0.426	12.99	40.7439	104.8812674	104.920067	2.541558	104.917626	
2010	18	600	18.250000000		01/18/2010 6:00	246.85	3.5329	0.39	16.6	0.426	12.96	40.7445	104.8810658	104.919865	2.541356	104.917423	
2010	18	700	18.291666667		01/18/2010 7:00	246.64	3.5299	0.39	16.61	0.426	12.92	40.7515	104.8789485	104.917748	2.539229	104.915296	
2010	18	800	18.333333333		01/18/2010 8:00	246.49	3.5278	0.39	16.61	0.426	12.91	40.7564	104.8774361	104.916235	2.537710	104.913777	
2010	18	900	18.375000000		01/18/2010 9:00	246.2	3.5237	0.39	16.6	0.426	13.78	40.7660	104.8745123	104.913311	2.534773	104.910840	
2010	18	1000	18.416666667		01/18/2010 10:00	245.77	3.5177	0.39	16.62	0.426	13.72	40.7803	104.8701769	104.908976	2.530418	104.906485	
2010	18	1100	18.458333333		01/18/2010 11:00	245.65	3.5160	0.39	16.61	0.426	13.65	40.7842	104.868967	104.907766	2.529202	104.905270	
2010	18	1200	18.500000000		01/18/2010 12:00	245.56	3.5147	0.39	16.61	0.426	13.62	40.7872	104.8680596	104.906859	2.528291	104.904359	
2010	18	1300	18.541666667		01/18/2010 13:00	245.31	3.5112	0.39	16.6	0.426	13.57	40.7955	104.865539	104.904338	2.525759	104.901827	
2010	18	1400	18.583333333		01/18/2010 14:00	245.35	3.5117	0.39	16.62	0.426	13.54	40.7942	104.8659423	104.904741	2.526164	104.902232	
2010	18	1500	18.625000000		01/18/2010 15:00	245	3.5068	0.39	16.61	0.426	13.56	40.8057	104.8624135	104.901213	2.522619	104.898687	
2010	18	1600	18.666666667		01/18/2010 16:00	244.95	3.5061	0.39	16.61	0.426	13.58	40.8074	104.8619094	104.900709	2.522113	104.898181	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1700	18.708333333		01/18/2010 17:00	244.82	3.5043	0.39	16.61	0.426	13.45	40.8117	104.8605987	104.899398	2.520796	104.896864	
2010	18	1800	18.750000000		01/18/2010 18:00	244.67	3.5022	0.39	16.62	0.426	13.38	40.8166	104.8590863	104.897886	2.519277	104.895345	
2010	18	1900	18.791666667		01/18/2010 19:00	244.55	3.5005	0.39	16.62	0.426	13.33	40.8206	104.8578764	104.896676	2.518062	104.894130	
2010	18	2000	18.833333333		01/18/2010 20:00	244.36	3.4978	0.39	16.61	0.426	13.28	40.8269	104.8559608	104.894760	2.516138	104.892205	
2010	18	2100	18.875000000		01/18/2010 21:00	244.26	3.4964	0.39	16.6	0.426	13.24	40.8302	104.8549525	104.893752	2.515125	104.891193	
2010	18	2200	18.916666667		01/18/2010 22:00	244	3.4927	0.39	16.61	0.426	13.21	40.8388	104.8523311	104.891130	2.512492	104.888559	
2010	18	2300	18.958333333		01/18/2010 23:00	243.83	3.4903	0.39	16.6	0.426	13.17	40.8444	104.8506171	104.889416	2.510770	104.886838	
2010	18	2400	19.000000000		01/19/2010 0:00	243.57	3.4867	0.39	16.62	0.426	13.13	40.8530	104.8479957	104.886795	2.508137	104.884205	
2010	19	100	19.041666667		01/19/2010 1:00	243.31	3.4830	0.39	16.61	0.426	13.1	40.8616	104.8453743	104.884174	2.505504	104.881571	
2010	19	200	19.083333333		01/19/2010 2:00	243.05	3.4794	0.39	16.61	0.426	13.07	40.8702	104.8427529	104.881552	2.502870	104.878938	
2010	19	300	19.125000000		01/19/2010 3:00	242.79	3.4757	0.39	16.61	0.426	13.04	40.8788	104.8401315	104.878931	2.500237	104.876305	
2010	19	400	19.166666667		01/19/2010 4:00	242.51	3.4718	0.39	16.6	0.426	13	40.8881	104.8373085	104.876108	2.497402	104.873469	
2010	19	500	19.208333333		01/19/2010 5:00	242.27	3.4684	0.39	16.62	0.426	12.97	40.8960	104.8348887	104.873688	2.494971	104.871039	
2010	19	600	19.250000000		01/19/2010 6:00	241.88	3.4629	0.39	16.61	0.426	12.94	40.9089	104.8309566	104.869756	2.491021	104.867089	
2010	19	700	19.291666667		01/19/2010 7:00	241.71	3.4605	0.39	16.61	0.426	12.9	40.9146	104.8292426	104.868042	2.489299	104.865367	
2010	19	800	19.333333333		01/19/2010 8:00	241.32	3.4550	0.39	16.62	0.426	13.82	40.9275	104.8253105	104.864110	2.485350	104.861417	
2010	19	900	19.375000000		01/19/2010 9:00	241.12	3.4522	0.39	16.62	0.426	13.77	40.9341	104.823294	104.862093	2.483324	104.859392	
2010	19	1000	19.416666667		01/19/2010 10:00	240.87	3.4487	0.39	16.63	0.426	13.73	40.9423	104.8207735	104.859573	2.480792	104.856860	
2010	19	1100	19.458333333		01/19/2010 11:00	240.82	3.4480	0.39	16.62	0.426	13.68	40.9440	104.8202693	104.859069	2.480286	104.856354	
2010	19	1200	19.500000000		01/19/2010 12:00	240.65	3.4456	0.39	16.62	0.426	13.66	40.9496	104.8185553	104.857355	2.478564	104.854632	
2010	19	1300	19.541666667		01/19/2010 13:00	240.43	3.4425	0.39	16.62	0.426	13.63	40.9569	104.8163372	104.855136	2.476336	104.852404	
2010	19	1400	19.583333333		01/19/2010 14:00	240.27	3.4402	0.39	16.62	0.426	13.58	40.9622	104.8147241	104.853523	2.474716	104.850783	
2010	19	1500	19.625000000		01/19/2010 15:00	240.2	3.4392	0.39	16.62	0.426	13.59	40.9645	104.8140183	104.852818	2.474007	104.850074	
2010	19	1600	19.666666667		01/19/2010 16:00	240.27	3.4402	0.39	16.62	0.426	13.52	40.9622	104.8147241	104.853523	2.474716	104.850783	
2010	19	1700	19.708333333		01/19/2010 17:00	240.28	3.4404	0.39	16.63	0.426	13.44	40.9619	104.8148249	104.853624	2.474817	104.850885	
2010	19	1800	19.750000000		01/19/2010 18:00	240.28	3.4404	0.39	16.63	0.426	13.38	40.9619	104.8148249	104.853624	2.474817	104.850885	
2010	19	1900	19.791666667		01/19/2010 19:00	240.34	3.4412	0.39	16.63	0.426	13.32	40.9599	104.8154298	104.854229	2.475425	104.851492	
2010	19	2000	19.833333333		01/19/2010 20:00	240.37	3.4416	0.39	16.63	0.426	13.28	40.9589	104.8157323	104.854531	2.475728	104.851796	
2010	19	2100	19.875000000		01/19/2010 21:00	240.58	3.4446	0.39	16.62	0.426	13.24	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	19	2200	19.916666667		01/19/2010 22:00	240.75	3.4470	0.39	16.64	0.426	13.2	40.9463	104.8195636	104.858363	2.479577	104.855645	
2010	19	2300	19.958333333		01/19/2010 23:00	240.97	3.4501	0.39	16.63	0.426	13.16	40.9390	104.8217817	104.860581	2.481805	104.857873	
2010	19	2400	20.000000000		01/20/2010 0:00	241.22	3.4536	0.39	16.62	0.426	13.12	40.9308	104.8243023	104.863101	2.484337	104.860405	
2010	20	100	20.041666667		01/20/2010 1:00	241.45	3.4568	0.39	16.62	0.426	13.09	40.9232	104.8266212	104.865420	2.486666	104.862734	
2010	20	200	20.083333333		01/20/2010 2:00	241.66	3.4598	0.39	16.61	0.426	13.06	40.9162	104.8287385	104.867538	2.488793	104.864861	
2010	20	300	20.125000000		01/20/2010 3:00	241.87	3.4628	0.39	16.62	0.426	13.02	40.9093	104.8308558	104.869655	2.490920	104.866988	
2010	20	400	20.166666667		01/20/2010 4:00	241.92	3.4635	0.39	16.63	0.426	12.98	40.9076	104.8313599	104.870159	2.491426	104.867494	
2010	20	500	20.208333333		01/20/2010 5:00	242.08	3.4657	0.39	16.63	0.426	12.96	40.9023	104.8329731	104.871772	2.493047	104.869114	
2010	20	600	20.250000000		01/20/2010 6:00	242.03	3.4650	0.391	16.63	0.426	12.93	40.9040	104.832469	104.871268	2.492540	104.868608	
2010	20	700	20.291666667		01/20/2010 7:00	241.98	3.4643	0.39	16.64	0.426	12.89	40.9056	104.8319648	104.870764	2.492034	104.868102	
2010	20	800	20.333333333		01/20/2010 8:00	242.11	3.4661	0.391	16.61	0.426	13.19	40.9013	104.8332755	104.872075	2.493350	104.869418	
2010	20	900	20.375000000		01/20/2010 9:00	241.76	3.4612	0.39	16.64	0.426	13.77	40.9129	104.8297467	104.868546	2.489806	104.865874	
2010	20	1000	20.416666667		01/20/2010 10:00	241.48	3.4573	0.39	16.63	0.426	13.7	40.9222	104.8269237	104.865723	2.486970	104.863038	
2010	20	1100	20.458333333		01/20/2010 11:00	241.32	3.4550	0.39	16.63	0.426	13.66	40.9275	104.8253105	104.864110	2.485350	104.861417	
2010	20	1200	20.500000000		01/20/2010 12:00	241.22	3.4536	0.39	16.61	0.426	13.62	40.9308	104.8243023	104.863101	2.484337	104.860405	
2010	20	1300	20.541666667		01/20/2010 13:00	241.31	3.4549	0.39	16.64	0.426	13.6	40.9278	104.8252097	104.864009	2.485248	104.861316	
2010	20	1400	20.583333333		01/20/2010 14:00	241.07	3.4515	0.39	16.63	0.426	13.6	40.9357	104.8227899	104.861589	2.482818	104.858885	
2010	20	1500	20.625000000		01/20/2010 15:00	241.12	3.4522	0.39	16.63	0.426	13.6	40.9341	104.823294	104.862093	2.483324	104.859392	
2010	20	1600	20.666666667		01/20/2010 16:00	241.08	3.4516	0.39	16.63	0.426	13.52	40.9354	104.8228907	104.861690	2.482919	104.858987	
2010	20	1700	20.708333333		01/20/2010 17:00	241.04	3.4511	0.39	16.63	0.426	13.44	40.9367	104.8224875	104.861287	2.482514	104.858582	
2010	20	1800	20.750000000		01/20/2010 18:00	241.01	3.4506	0.39	16.63	0.426	13.38	40.9377	104.822185	104.860984	2.482210	104.858278	
2010	20	1900	20.791666667		01/20/2010 19:00	241.1	3.4519	0.39	16.65	0.426	13.33	40.9347	104.8230924	104.861892	2.483122	104.859189	
2010	20	2000	20.833333333		01/20/2010 20:00	240.95	3.4498	0.39	16.64	0.426	13.28	40.9397	104.82158	104.860379	2.481602	104.857670	
2010	20	2100	20.875000000		01/20/2010 21:00	241.14	3.4525	0.39	16.63	0.426	13.24	40.9334	104.8234957	104.862295	2.483527	104.859594	
2010	20	2200	20.916666667		01/20/2010 22:00	241.19	3.4532	0.39	16.64	0.426	13.2	40.9318	104.8239998	104.862799	2.484033	104.860101	
2010	20	2300	20.958333333		01/20/2010 23:00	241.2	3.4533	0.39	16.62	0.426	13.17	40.9314	104.8241006	104.862900	2.484134	104.860202	
2010	20	2400	21.000000000		01/21/2010 0:00	241.33	3.4551	0.39	16.64	0.426	13.13	40.9271	104.8254113	104.864211	2.485451	104.861519	
2010	21	100	21.041666667		01/21/2010 1:00	241.23	3.4537	0.39	16.63	0.426	13.09	40.9304	104.8244031	104.863202	2.484438	104.860506	
2010	21	200	21.083333333		01/21/2010 2:00	241.39	3.4560	0.39	16.63	0.426	13.06	40.9251	104.8260163	104.864815	2.486059	104.862126	
2010	21	300	21.125000000		01/21/2010 3:00	241.45	3.4568	0.39	16.65	0.426	13.02	40.9232	104.8266212	104.865420	2.486666	104.862734	
2010	21	400	21.166666667		01/21/2010 4:00	241.43	3.4566	0.391	16.62	0.426	12.98	40.9238	104.8264196	104.865219	2.486464	104.862531	
2010	21	500	21.208333333		01/21/2010 5:00	241.52	3.4578	0.391	16.64	0.426	12.95	40.9208	104.827327	104.866126	2.487375	104.863443	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	21	600	21.250000000		01/21/2010 6:00	241.6	3.4589	0.391	16.64	0.426	12.92	40.9182	104.8281336	104.866933	2.488185	104.864253	
2010	21	700	21.291666667		01/21/2010 7:00	241.64	3.4595	0.39	16.63	0.426	12.89	40.9169	104.8285368	104.867336	2.488590	104.864658	
2010	21	800	21.333333333		01/21/2010 8:00	241.61	3.4591	0.391	16.64	0.426	12.87	40.9179	104.8282344	104.867034	2.488287	104.864354	
2010	21	900	21.375000000		01/21/2010 9:00	241.4	3.4561	0.391	16.63	0.426	13.78	40.9248	104.8261171	104.864916	2.486160	104.862228	
2010	21	1000	21.416666667		01/21/2010 10:00	240.85	3.4484	0.39	16.64	0.426	13.71	40.9430	104.8205718	104.859371	2.480590	104.856657	
2010	21	1100	21.458333333		01/21/2010 11:00	241.01	3.4506	0.39	16.63	0.426	13.65	40.9377	104.822185	104.860984	2.482210	104.858278	
2010	21	1200	21.500000000		01/21/2010 12:00	240.67	3.4459	0.39	16.62	0.426	13.6	40.9490	104.818757	104.857556	2.478767	104.854834	
2010	21	1300	21.541666667		01/21/2010 13:00	240.73	3.4467	0.39	16.63	0.426	13.6	40.9470	104.8193619	104.858161	2.479374	104.855442	
2010	21	1400	21.583333333		01/21/2010 14:00	240.72	3.4466	0.39	16.64	0.426	13.57	40.9473	104.8192611	104.858060	2.479273	104.855341	
2010	21	1500	21.625000000		01/21/2010 15:00	240.58	3.4446	0.39	16.63	0.426	13.57	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	21	1600	21.666666667		01/21/2010 16:00	240.47	3.4430	0.39	16.63	0.426	13.58	40.9556	104.8167405	104.855540	2.476741	104.852809	
2010	21	1700	21.708333333		01/21/2010 17:00	240.53	3.4439	0.39	16.63	0.426	13.49	40.9536	104.8173455	104.856145	2.477349	104.853416	
2010	21	1800	21.750000000		01/21/2010 18:00	240.48	3.4432	0.39	16.64	0.426	13.42	40.9552	104.8168413	104.855641	2.476842	104.852910	
2010	21	1900	21.791666667		01/21/2010 19:00	240.44	3.4426	0.39	16.63	0.426	13.36	40.9566	104.8164381	104.855237	2.476437	104.852505	
2010	21	2000	21.833333333		01/21/2010 20:00	240.32	3.4409	0.391	16.64	0.426	13.3	40.9605	104.8152282	104.854027	2.475222	104.851290	
2010	21	2100	21.875000000		01/21/2010 21:00	240.17	3.4388	0.39	16.65	0.426	13.26	40.9655	104.8137158	104.852515	2.473703	104.849771	
2010	21	2200	21.916666667		01/21/2010 22:00	240.07	3.4374	0.39	16.64	0.426	13.22	40.9688	104.8127076	104.851507	2.472690	104.848758	
2010	21	2300	21.958333333		01/21/2010 23:00	239.93	3.4354	0.391	16.64	0.426	13.19	40.9734	104.8112961	104.850095	2.471272	104.847340	
2010	21	2400	22.000000000		01/22/2010 0:00	240.05	3.4371	0.39	16.64	0.426	13.15	40.9695	104.8125059	104.851305	2.472488	104.848555	
2010	22	100	22.041666667		01/22/2010 1:00	240.42	3.4423	0.391	16.64	0.426	13.11	40.9572	104.8162364	104.855036	2.476235	104.852302	
2010	22	200	22.083333333		01/22/2010 2:00	241.04	3.4511	0.391	16.65	0.426	13.08	40.9367	104.8224875	104.861287	2.482514	104.858582	
2010	22	300	22.125000000		01/22/2010 3:00	241.57	3.4585	0.391	16.63	0.426	13.04	40.9192	104.8278311	104.866630	2.487882	104.863949	
2010	22	400	22.166666667		01/22/2010 4:00	242.03	3.4650	0.391	16.64	0.426	13.01	40.9040	104.832469	104.871268	2.492540	104.868608	
2010	22	500	22.208333333		01/22/2010 5:00	242.25	3.4681	0.391	16.65	0.426	12.98	40.8967	104.8346871	104.873486	2.494768	104.870836	
2010	22	600	22.250000000		01/22/2010 6:00	242.42	3.4705	0.391	16.65	0.426	12.96	40.8911	104.8364011	104.875200	2.496490	104.872558	
2010	22	700	22.291666667		01/22/2010 7:00	242.41	3.4704	0.391	16.64	0.426	12.93	40.8914	104.8363002	104.875099	2.496389	104.872456	
2010	22	800	22.333333333		01/22/2010 8:00	242.29	3.4687	0.391	16.64	0.426	12.93	40.8954	104.8350904	104.873890	2.495173	104.871241	
2010	22	900	22.375000000		01/22/2010 9:00	241.79	3.4616	0.391	16.64	0.426	13.77	40.9119	104.8300492	104.868848	2.490110	104.866177	
2010	22	1000	22.416666667		01/22/2010 10:00	241.67	3.4599	0.391	16.64	0.426	13.73	40.9159	104.8288393	104.867639	2.488894	104.864962	
2010	22	1100	22.458333333		01/22/2010 11:00	241.43	3.4566	0.39	16.63	0.426	13.68	40.9238	104.8264196	104.865219	2.486464	104.862531	
2010	22	1200	22.500000000		01/22/2010 12:00	241.19	3.4532	0.39	16.65	0.426	13.66	40.9318	104.8239998	104.862799	2.484033	104.860101	
2010	22	1300	22.541666667		01/22/2010 13:00	241.03	3.4509	0.391	16.65	0.426	13.64	40.9371	104.8223866	104.861186	2.482413	104.858480	
2010	22	1400	22.583333333		01/22/2010 14:00	241.09	3.4518	0.39	16.65	0.426	13.68	40.9351	104.8229916	104.861791	2.483020	104.859088	
2010	22	1500	22.625000000		01/22/2010 15:00	241.06	3.4513	0.39	16.65	0.426	13.7	40.9361	104.8226891	104.861488	2.482716	104.858784	
2010	22	1600	22.666666667		01/22/2010 16:00	241.11	3.4521	0.39	16.65	0.426	13.71	40.9344	104.8231932	104.861992	2.483223	104.859291	
2010	22	1700	22.708333333		01/22/2010 17:00	241.22	3.4536	0.39	16.64	0.426	13.56	40.9308	104.8243023	104.863101	2.484337	104.860405	
2010	22	1800	22.750000000		01/22/2010 18:00	241.37	3.4557	0.39	16.62	0.426	13.49	40.9258	104.8258146	104.864614	2.485856	104.861924	
2010	22	1900	22.791666667		01/22/2010 19:00	241.51	3.4577	0.39	16.64	0.426	13.43	40.9212	104.8272261	104.866025	2.487274	104.863342	
2010	22	2000	22.833333333		01/22/2010 20:00	241.53	3.4580	0.39	16.64	0.426	13.38	40.9205	104.8274278	104.866227	2.487476	104.863544	
2010	22	2100	22.875000000		01/22/2010 21:00	241.43	3.4566	0.391	16.65	0.426	13.34	40.9238	104.8264196	104.865219	2.486464	104.862531	
2010	22	2200	22.916666667		01/22/2010 22:00	241.47	3.4571	0.391	16.64	0.426	13.3	40.9225	104.8268229	104.865622	2.486869	104.862936	
2010	22	2300	22.958333333		01/22/2010 23:00	241.57	3.4585	0.391	16.65	0.426	13.26	40.9192	104.8278311	104.866630	2.487882	104.863949	
2010	22	2400	23.000000000		01/23/2010 0:00	241.89	3.4630	0.391	16.65	0.426	13.21	40.9086	104.8310574	104.869857	2.491122	104.867190	
2010	23	100	23.041666667		01/23/2010 1:00	242.47	3.4712	0.391	16.65	0.426	13.19	40.8894	104.8369052	104.875704	2.496996	104.873064	
2010	23	200	23.083333333		01/23/2010 2:00	243.11	3.4802	0.391	16.64	0.426	13.15	40.8682	104.8433579	104.882157	2.503478	104.879546	
2010	23	300	23.125000000		01/23/2010 3:00	243.79	3.4898	0.391	16.65	0.426	13.12	40.8458	104.8502139	104.889013	2.510365	104.886433	
2010	23	400	23.166666667		01/23/2010 4:00	244.32	3.4972	0.391	16.65	0.426	13.08	40.8282	104.8555575	104.894357	2.515733	104.891800	
2010	23	500	23.208333333		01/23/2010 5:00	244.68	3.5023	0.391	16.65	0.426	13.06	40.8163	104.8591871	104.897986	2.519379	104.895446	
2010	23	600	23.250000000		01/23/2010 6:00	244.96	3.5063	0.391	16.65	0.426	13.02	40.8071	104.8620102	104.900809	2.522214	104.898282	
2010	23	700	23.291666667		01/23/2010 7:00	245.2	3.5096	0.391	16.65	0.426	13	40.7991	104.8644299	104.903229	2.524645	104.900713	
2010	23	800	23.333333333		01/23/2010 8:00	245.27	3.5106	0.39	16.66	0.426	12.97	40.7968	104.8651357	104.903935	2.525354	104.901422	
2010	23	900	23.375000000		01/23/2010 9:00	245.4	3.5125	0.391	16.66	0.426	13.69	40.7925	104.8664464	104.905246	2.526670	104.902738	
2010	23	1000	23.416666667		01/23/2010 10:00	245.59	3.5151	0.391	16.65	0.426	13.67	40.7862	104.868362	104.907161	2.528595	104.904662	
2010	23	1100	23.458333333		01/23/2010 11:00	245.88	3.5192	0.391	16.67	0.426	13.62	40.7766	104.8712859	104.910085	2.531532	104.907599	
2010	23	1200	23.500000000		01/23/2010 12:00	245.83	3.5185	0.391	16.65	0.426	13.57	40.7783	104.8707818	104.909581	2.531025	104.907093	
2010	23	1300	23.541666667		01/23/2010 13:00	246.07	3.5219	0.391	16.65	0.426	13.57	40.7703	104.8732016	104.912001	2.533456	104.909524	
2010	23	1400	23.583333333		01/23/2010 14:00	245.98	3.5206	0.391	16.64	0.426	13.58	40.7733	104.8722942	104.911093	2.532545	104.908612	
2010	23	1500	23.625000000		01/23/2010 15:00	245.89	3.5193	0.391	16.64	0.426	13.58	40.7763	104.8713867	104.910186	2.531633	104.907701	
2010	23	1600	23.666666667		01/23/2010 16:00	245.93	3.5199	0.391	16.65	0.426	13.59	40.7750	104.87179	104.910589	2.532038	104.908106	
2010	23	1700	23.708333333		01/23/2010 17:00	245.98	3.5206	0.391	16.64	0.426	13.51	40.7733	104.8722942	104.911093	2.532545	104.908612	
2010	23	1800	23.750000000		01/23/2010 18:00	245.94	3.5201	0.391	16.65	0.426	13.43	40.7746	104.8718909	104.910690	2.532139	104.908207	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1900	23.791666667		01/23/2010 19:00	245.85	3.5188	0.391	16.66	0.426	13.37	40.7776	104.8709835	104.909783	2.531228	104.907296	
2010	23	2000	23.833333333		01/23/2010 20:00	245.73	3.5171	0.391	16.66	0.426	13.32	40.7816	104.8697736	104.908573	2.530013	104.906080	
2010	23	2100	23.875000000		01/23/2010 21:00	245.61	3.5154	0.391	16.64	0.426	13.27	40.7856	104.8685637	104.907363	2.528797	104.904865	
2010	23	2200	23.916666667		01/23/2010 22:00	245.52	3.5141	0.391	16.65	0.426	13.23	40.7885	104.8676563	104.906455	2.527886	104.903953	
2010	23	2300	23.958333333		01/23/2010 23:00	245.32	3.5113	0.391	16.65	0.426	13.18	40.7951	104.8656398	104.904439	2.525860	104.901928	
2010	23	2400	24.000000000		01/24/2010 0:00	245.06	3.5077	0.391	16.64	0.426	13.15	40.8037	104.8630184	104.901818	2.523227	104.899295	
2010	24	100	24.041666667		01/24/2010 1:00	245.31	3.5112	0.391	16.65	0.426	13.12	40.7955	104.865539	104.904338	2.525759	104.901827	
2010	24	200	24.083333333		01/24/2010 2:00	245.29	3.5109	0.391	16.65	0.426	13.08	40.7961	104.8653373	104.904137	2.525556	104.901624	
2010	24	300	24.125000000		01/24/2010 3:00	245.38	3.5122	0.391	16.66	0.426	13.05	40.7932	104.8662448	104.905044	2.526468	104.902536	
2010	24	400	24.166666667		01/24/2010 4:00	245.31	3.5112	0.391	16.64	0.426	13.03	40.7955	104.865539	104.904338	2.525759	104.901827	
2010	24	500	24.208333333		01/24/2010 5:00	245.24	3.5102	0.391	16.67	0.426	12.99	40.7978	104.8648332	104.903632	2.525050	104.901118	
2010	24	600	24.250000000		01/24/2010 6:00	245.2	3.5096	0.391	16.66	0.426	12.95	40.7991	104.8644299	104.903229	2.524645	104.900713	
2010	24	700	24.291666667		01/24/2010 7:00	245.09	3.5081	0.391	16.65	0.426	12.92	40.8028	104.8633209	104.902120	2.523531	104.899599	
2010	24	800	24.333333333		01/24/2010 8:00	244.82	3.5043	0.391	16.68	0.426	13.36	40.8117	104.8605987	104.899398	2.520796	104.896864	
2010	24	900	24.375000000		01/24/2010 9:00	244.47	3.4994	0.391	16.68	0.426	13.88	40.8233	104.8570698	104.895869	2.517252	104.893319	
2010	24	1000	24.416666667		01/24/2010 10:00	244.51	3.4999	0.391	16.66	0.426	13.81	40.8219	104.8574731	104.896272	2.517657	104.893725	
2010	24	1100	24.458333333		01/24/2010 11:00	244.26	3.4964	0.391	16.65	0.426	13.77	40.8302	104.8549525	104.893752	2.515125	104.891193	
2010	24	1200	24.500000000		01/24/2010 12:00	244.19	3.4954	0.391	16.66	0.426	13.71	40.8325	104.8542468	104.893046	2.514416	104.890484	
2010	24	1300	24.541666667		01/24/2010 13:00	244.03	3.4932	0.391	16.66	0.426	13.71	40.8378	104.8526336	104.891433	2.512796	104.888863	
2010	24	1400	24.583333333		01/24/2010 14:00	243.8	3.4899	0.391	16.67	0.426	13.7	40.8454	104.8503147	104.889114	2.510466	104.886534	
2010	24	1500	24.625000000		01/24/2010 15:00	243.6	3.4871	0.391	16.65	0.426	13.7	40.8520	104.8482982	104.887097	2.508441	104.884508	
2010	24	1600	24.666666667		01/24/2010 16:00	243.41	3.4844	0.391	16.65	0.426	13.59	40.8583	104.8463826	104.885182	2.506516	104.882584	
2010	24	1700	24.708333333		01/24/2010 17:00	243.21	3.4816	0.391	16.64	0.426	13.51	40.8649	104.8443661	104.883165	2.504491	104.880559	
2010	24	1800	24.750000000		01/24/2010 18:00	243.01	3.4788	0.391	16.65	0.426	13.45	40.8716	104.8423496	104.881149	2.502465	104.878533	
2010	24	1900	24.791666667		01/24/2010 19:00	242.82	3.4761	0.391	16.66	0.426	13.39	40.8778	104.840434	104.879233	2.500541	104.876609	
2010	24	2000	24.833333333		01/24/2010 20:00	242.61	3.4732	0.391	16.65	0.426	13.34	40.8848	104.8383167	104.877116	2.498414	104.874482	
2010	24	2100	24.875000000		01/24/2010 21:00	242.4	3.4702	0.391	16.66	0.426	13.31	40.8917	104.8361994	104.874999	2.496288	104.872355	
2010	24	2200	24.916666667		01/24/2010 22:00	242.18	3.4671	0.391	16.66	0.426	13.27	40.8990	104.8339813	104.872781	2.494059	104.870127	
2010	24	2300	24.958333333		01/24/2010 23:00	241.91	3.4633	0.391	16.65	0.426	13.23	40.9079	104.8312591	104.870058	2.491325	104.867393	
2010	24	2400	25.000000000		01/25/2010 0:00	241.68	3.4601	0.391	16.67	0.426	13.2	40.9156	104.8289401	104.867739	2.488996	104.865063	
2010	25	100	25.041666667		01/25/2010 1:00	241.42	3.4564	0.391	16.65	0.426	13.17	40.9242	104.8263187	104.865118	2.486362	104.862430	
2010	25	200	25.083333333		01/25/2010 2:00	241.21	3.4535	0.391	16.65	0.426	13.13	40.9311	104.8242014	104.863001	2.484236	104.860303	
2010	25	300	25.125000000		01/25/2010 3:00	240.89	3.4490	0.391	16.64	0.427	13.1	40.9417	104.8209751	104.859774	2.480995	104.857062	
2010	25	400	25.166666667		01/25/2010 4:00	240.6	3.4449	0.391	16.66	0.426	13.07	40.9513	104.8180512	104.856850	2.478058	104.854125	
2010	25	500	25.208333333		01/25/2010 5:00	240.3	3.4406	0.391	16.66	0.426	13.04	40.9612	104.8150265	104.853826	2.475019	104.851087	
2010	25	600	25.250000000		01/25/2010 6:00	240.06	3.4373	0.391	16.65	0.426	13	40.9691	104.8126068	104.851406	2.472589	104.848656	
2010	25	700	25.291666667		01/25/2010 7:00	239.67	3.4318	0.391	16.65	0.426	12.97	40.9820	104.8086747	104.847474	2.468639	104.844707	
2010	25	800	25.333333333		01/25/2010 8:00	239.35	3.4273	0.391	16.65	0.426	12.95	40.9926	104.8054483	104.844248	2.465398	104.841466	
2010	25	900	25.375000000		01/25/2010 9:00	238.89	3.4208	0.391	16.65	0.427	13.16	41.0078	104.8008104	104.839610	2.460739	104.836807	
2010	25	1000	25.416666667		01/25/2010 10:00	238.42	3.4142	0.391	16.66	0.426	13.69	41.0234	104.7960718	104.834871	2.455979	104.832047	
2010	25	1100	25.458333333		01/25/2010 11:00	238.04	3.4088	0.391	16.66	0.426	13.68	41.0360	104.7922405	104.831040	2.452131	104.828199	
2010	25	1200	25.500000000		01/25/2010 12:00	237.58	3.4024	0.391	16.65	0.426	13.66	41.0512	104.7876026	104.826402	2.447472	104.823540	
2010	25	1300	25.541666667		01/25/2010 13:00	237.37	3.3994	0.39	16.66	0.426	13.67	41.0581	104.7854853	104.824285	2.445345	104.821413	
2010	25	1400	25.583333333		01/25/2010 14:00	237.56	3.4021	0.391	16.67	0.426	13.66	41.0518	104.787401	104.826200	2.447270	104.823337	
2010	25	1500	25.625000000		01/25/2010 15:00	237.85	3.4062	0.391	16.66	0.426	13.66	41.0422	104.7903248	104.829124	2.450207	104.826274	
2010	25	1600	25.666666667		01/25/2010 16:00	238.58	3.4164	0.391	16.66	0.426	13.61	41.0181	104.7976849	104.836484	2.457600	104.833668	
2010	25	1700	25.708333333		01/25/2010 17:00	239.31	3.4267	0.391	16.66	0.426	13.52	40.9939	104.805045	104.843844	2.464993	104.841061	
2010	25	1800	25.750000000		01/25/2010 18:00	239.99	3.4363	0.391	16.66	0.426	13.45	40.9715	104.811901	104.850700	2.471880	104.847948	
2010	25	1900	25.791666667		01/25/2010 19:00	240.68	3.4460	0.391	16.67	0.426	13.39	40.9486	104.8188578	104.857657	2.478868	104.854936	
2010	25	2000	25.833333333		01/25/2010 20:00	241.39	3.4560	0.391	16.67	0.426	13.34	40.9251	104.8260163	104.864815	2.486059	104.862126	
2010	25	2100	25.875000000		01/25/2010 21:00	242.08	3.4657	0.391	16.65	0.426	13.3	40.9023	104.8329731	104.871772	2.493047	104.869114	
2010	25	2200	25.916666667		01/25/2010 22:00	242.81	3.4760	0.391	16.67	0.426	13.26	40.8782	104.8403332	104.879132	2.500440	104.876508	
2010	25	2300	25.958333333		01/25/2010 23:00	243.57	3.4867	0.391	16.67	0.426	13.22	40.8530	104.8479957	104.886795	2.508137	104.884205	
2010	25	2400	26.000000000		01/26/2010 0:00	244.42	3.4987	0.391	16.66	0.426	13.19	40.8249	104.8565657	104.895365	2.516745	104.892813	
2010	26	100	26.041666667		01/26/2010 1:00	245.2	3.5096	0.391	16.67	0.426	13.15	40.7991	104.8644299	104.903229	2.524645	104.900713	
2010	26	200	26.083333333		01/26/2010 2:00	246	3.5209	0.391	16.66	0.426	13.12	40.7727	104.8724958	104.911295	2.532747	104.908815	
2010	26	300	26.125000000		01/26/2010 3:00	246.61	3.5295	0.391	16.66	0.426	13.09	40.7525	104.878646	104.917445	2.538925	104.914993	
2010	26	400	26.166666667		01/26/2010 4:00	247.02	3.5353	0.391	16.67	0.426	13.05	40.7389	104.8827798	104.921579	2.543077	104.919145	
2010	26	500	26.208333333		01/26/2010 5:00	247.27	3.5388	0.391	16.68	0.426	13.02	40.7306	104.8853004	104.924100	2.545609	104.921677	
2010	26	600	26.250000000		01/26/2010 6:00	247.31	3.5393	0.391	16.66	0.427	13	40.7293	104.8857036	104.924503	2.546014	104.922082	
2010	26	700	26.291666667		01/26/2010 7:00	247.27	3.5388	0.391	16.67	0.426	12.97	40.7306	104.8853004	104.924100	2.545609	104.921677	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	26	800	26.333333333		01/26/2010 8:00	247.05	3.5357	0.391	16.66	0.426	12.94	40.7379	104.8830822	104.921881	2.543381	104.919449	
2010	26	900	26.375000000		01/26/2010 9:00	246.98	3.5347	0.391	16.67	0.426	12.94	40.7402	104.8823765	104.921176	2.542672	104.918740	
2010	26	1000	26.416666667		01/26/2010 10:00	246.8	3.5322	0.391	16.66	0.426	13.46	40.7462	104.8805617	104.919361	2.540849	104.916917	
2010	26	1100	26.458333333		01/26/2010 11:00	246.74	3.5313	0.391	16.67	0.426	13.68	40.7482	104.8799567	104.918756	2.540242	104.916309	
2010	26	1200	26.500000000		01/26/2010 12:00	246.61	3.5295	0.391	16.67	0.426	13.67	40.7525	104.878646	104.917445	2.538925	104.914993	
2010	26	1300	26.541666667		01/26/2010 13:00	246.54	3.5285	0.391	16.67	0.426	13.66	40.7548	104.8779403	104.916739	2.538216	104.914284	
2010	26	1400	26.583333333		01/26/2010 14:00	246.61	3.5295	0.391	16.67	0.426	13.66	40.7525	104.878646	104.917445	2.538925	104.914993	
2010	26	1500	26.625000000		01/26/2010 15:00	246.71	3.5309	0.391	16.67	0.426	13.66	40.7492	104.8796543	104.918453	2.539938	104.916005	
2010	26	1600	26.666666667		01/26/2010 16:00	246.78	3.5319	0.391	16.67	0.426	13.67	40.7469	104.88036	104.919159	2.540647	104.916714	
2010	26	1700	26.708333333		01/26/2010 17:00	246.86	3.5330	0.391	16.67	0.426	13.53	40.7442	104.8811666	104.919966	2.541457	104.917525	
2010	26	1800	26.750000000		01/26/2010 18:00	246.89	3.5334	0.391	16.67	0.426	13.46	40.7432	104.8814691	104.920268	2.541761	104.917828	
2010	26	1900	26.791666667		01/26/2010 19:00	246.88	3.5333	0.391	16.66	0.426	13.39	40.7435	104.8813682	104.920167	2.541659	104.917727	
2010	26	2000	26.833333333		01/26/2010 20:00	246.8	3.5322	0.391	16.67	0.426	13.36	40.7462	104.8805617	104.919361	2.540849	104.916917	
2010	26	2100	26.875000000		01/26/2010 21:00	246.67	3.5303	0.391	16.67	0.426	13.3	40.7505	104.879251	104.918050	2.539533	104.915600	
2010	26	2200	26.916666667		01/26/2010 22:00	246.52	3.5282	0.391	16.66	0.426	13.27	40.7555	104.8777386	104.916538	2.538013	104.914081	
2010	26	2300	26.958333333		01/26/2010 23:00	246.33	3.5255	0.391	16.67	0.426	13.23	40.7617	104.875823	104.914622	2.536089	104.912157	
2010	26	2400	27.000000000		01/27/2010 0:00	246.23	3.5241	0.391	16.66	0.426	13.19	40.7650	104.8748147	104.913614	2.535076	104.911144	
2010	27	100	27.041666667		01/27/2010 1:00	246.23	3.5241	0.391	16.66	0.426	13.16	40.7650	104.8748147	104.913614	2.535076	104.911144	
2010	27	200	27.083333333		01/27/2010 2:00	246.43	3.5270	0.391	16.66	0.426	13.13	40.7584	104.8768312	104.915630	2.537102	104.913170	
2010	27	300	27.125000000		01/27/2010 3:00	246.62	3.5296	0.391	16.67	0.426	13.09	40.7521	104.8787468	104.917546	2.539026	104.915094	
2010	27	400	27.166666667		01/27/2010 4:00	246.79	3.5320	0.391	16.66	0.426	13.06	40.7465	104.8804608	104.919260	2.540748	104.916816	
2010	27	500	27.208333333		01/27/2010 5:00	246.88	3.5333	0.391	16.67	0.426	13.03	40.7435	104.8813682	104.920167	2.541659	104.917727	
2010	27	600	27.250000000		01/27/2010 6:00	246.91	3.5337	0.391	16.67	0.426	13	40.7426	104.8816707	104.920470	2.541963	104.918031	
2010	27	700	27.291666667		01/27/2010 7:00	246.86	3.5330	0.391	16.66	0.426	12.97	40.7442	104.8811666	104.919966	2.541457	104.917525	
2010	27	800	27.333333333		01/27/2010 8:00	246.77	3.5317	0.391	16.67	0.426	12.94	40.7472	104.8802592	104.919058	2.540545	104.916613	
2010	27	900	27.375000000		01/27/2010 9:00	246.44	3.5271	0.391	16.67	0.426	13.12	40.7581	104.876932	104.915731	2.537203	104.913271	
2010	27	1000	27.416666667		01/27/2010 10:00	246.14	3.5229	0.391	16.68	0.426	13.69	40.7680	104.8739073	104.912707	2.534165	104.910233	
2010	27	1100	27.458333333		01/27/2010 11:00	245.86	3.5189	0.391	16.66	0.426	13.67	40.7773	104.8710843	104.909883	2.531329	104.907397	
2010	27	1200	27.500000000		01/27/2010 12:00	245.74	3.5172	0.391	16.66	0.426	13.67	40.7813	104.8698744	104.908674	2.530114	104.906182	
2010	27	1300	27.541666667		01/27/2010 13:00	245.39	3.5123	0.391	16.66	0.426	13.65	40.7928	104.8663456	104.905145	2.526569	104.902637	
2010	27	1400	27.583333333		01/27/2010 14:00	245.37	3.5120	0.391	16.67	0.426	13.63	40.7935	104.8661439	104.904943	2.526367	104.902434	
2010	27	1500	27.625000000		01/27/2010 15:00	245.26	3.5105	0.391	16.67	0.426	13.64	40.7971	104.8650349	104.903834	2.525253	104.901320	
2010	27	1600	27.666666667		01/27/2010 16:00	245.26	3.5105	0.391	16.66	0.426	13.66	40.7971	104.8650349	104.903834	2.525253	104.901320	
2010	27	1700	27.708333333		01/27/2010 17:00	245.34	3.5116	0.391	16.67	0.426	13.53	40.7945	104.8658415	104.904641	2.526063	104.902131	
2010	27	1800	27.750000000		01/27/2010 18:00	245.49	3.5137	0.391	16.66	0.426	13.46	40.7895	104.8673538	104.906153	2.527582	104.903650	
2010	27	1900	27.791666667		01/27/2010 19:00	245.88	3.5192	0.391	16.66	0.426	13.4	40.7766	104.8712859	104.910085	2.531532	104.907599	
2010	27	2000	27.833333333		01/27/2010 20:00	246.35	3.5258	0.391	16.66	0.426	13.35	40.7611	104.8760246	104.914824	2.536292	104.912359	
2010	27	2100	27.875000000		01/27/2010 21:00	246.94	3.5341	0.391	16.67	0.427	13.32	40.7416	104.8819732	104.920772	2.542267	104.918335	
2010	27	2200	27.916666667		01/27/2010 22:00	247.53	3.5424	0.391	16.67	0.426	13.28	40.7220	104.8879218	104.926721	2.548242	104.924310	
2010	27	2300	27.958333333		01/27/2010 23:00	248.13	3.5509	0.391	16.67	0.427	13.24	40.7022	104.8939712	104.932770	2.554319	104.930387	
2010	27	2400	28.000000000		01/28/2010 0:00	248.84	3.5609	0.391	16.65	0.426	13.2	40.6787	104.9011296	104.939929	2.561510	104.937577	
2010	28	100	28.041666667		01/28/2010 1:00	249.64	3.5721	0.391	16.66	0.426	13.17	40.6522	104.9091955	104.947995	2.569612	104.945679	
2010	28	200	28.083333333		01/28/2010 2:00	250.53	3.5847	0.391	16.67	0.426	13.14	40.6228	104.9181687	104.956968	2.578625	104.954693	
2010	28	300	28.125000000		01/28/2010 3:00	251.29	3.5954	0.391	16.67	0.426	13.1	40.5977	104.9258313	104.964631	2.586322	104.962390	
2010	28	400	28.166666667		01/28/2010 4:00	251.89	3.6038	0.391	16.66	0.426	13.07	40.5778	104.9318807	104.970680	2.592399	104.968467	
2010	28	500	28.208333333		01/28/2010 5:00	252.26	3.6090	0.391	16.67	0.426	13.04	40.5656	104.9356112	104.974410	2.596146	104.972214	
2010	28	600	28.250000000		01/28/2010 6:00	252.38	3.6107	0.391	16.67	0.426	13	40.5616	104.9368211	104.975620	2.597361	104.973429	
2010	28	700	28.291666667		01/28/2010 7:00	252.35	3.6103	0.391	16.67	0.426	12.97	40.5626	104.9365186	104.975318	2.597058	104.973125	
2010	28	800	28.333333333		01/28/2010 8:00	252.15	3.6075	0.391	16.68	0.426	13.83	40.5692	104.9345021	104.973301	2.595032	104.971100	
2010	28	900	28.375000000		01/28/2010 9:00	251.59	3.5996	0.391	16.68	0.426	13.81	40.5877	104.928856	104.967655	2.589361	104.965428	
2010	28	1000	28.416666667		01/28/2010 10:00	251.67	3.6007	0.391	16.67	0.426	13.72	40.5851	104.9296626	104.968462	2.590171	104.966239	
2010	28	1100	28.458333333		01/28/2010 11:00	251.46	3.5978	0.391	16.67	0.426	13.7	40.5920	104.9275453	104.966345	2.588044	104.964112	
2010	28	1200	28.500000000		01/28/2010 12:00	250.88	3.5896	0.39	16.67	0.426	13.66	40.6112	104.9216976	104.960497	2.582170	104.958238	
2010	28	1300	28.541666667		01/28/2010 13:00	250.56	3.5851	0.391	16.66	0.426	13.64	40.6218	104.9184712	104.957270	2.578929	104.954997	
2010	28	1400	28.583333333		01/28/2010 14:00	250.22	3.5803	0.391	16.68	0.426	13.62	40.6331	104.9150432	104.953842	2.575486	104.951553	
2010	28	1500	28.625000000		01/28/2010 15:00	249.96	3.5767	0.391	16.66	0.426	13.62	40.6417	104.9124218	104.951221	2.572853	104.948920	
2010	28	1600	28.666666667		01/28/2010 16:00	249.83	3.5748	0.391	16.68	0.426	13.63	40.6460	104.9111111	104.949910	2.571536	104.947604	
2010	28	1700	28.708333333		01/28/2010 17:00	249.63	3.5720	0.391	16.67	0.426	13.52	40.6526	104.9090947	104.947894	2.569510	104.945578	
2010	28	1800	28.750000000		01/28/2010 18:00	249.47	3.5698	0.391	16.67	0.426	13.45	40.6579	104.9074815	104.946281	2.567890	104.943958	
2010	28	1900	28.791666667		01/28/2010 19:00	249.32	3.5676	0.391	16.67	0.426	13.39	40.6628	104.9059691	104.944768	2.566371	104.942439	
2010	28	2000	28.833333333		01/28/2010 20:00	249.14	3.5651	0.391	16.66	0.426	13.34	40.6688	104.9041543	104.942954	2.564548	104.940616	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	28	2100	28.875000000		01/28/2010 21:00	248.98	3.5629	0.391	16.66	0.426	13.29	40.6741	104.9025411	104.941340	2.562927	104.938995	
2010	28	2200	28.916666667		01/28/2010 22:00	249	3.5631	0.391	16.67	0.426	13.25	40.6734	104.9027428	104.941542	2.563130	104.939198	
2010	28	2300	28.958333333		01/28/2010 23:00	249.3	3.5674	0.391	16.67	0.426	13.21	40.6635	104.9057675	104.944567	2.566168	104.942236	
2010	28	2400	29.000000000		01/29/2010 0:00	249.83	3.5748	0.391	16.67	0.426	13.17	40.6460	104.9111111	104.949910	2.571536	104.947604	
2010	29	100	29.041666667		01/29/2010 1:00	250.56	3.5851	0.391	16.67	0.426	13.14	40.6218	104.9184712	104.957270	2.578929	104.954997	
2010	29	200	29.083333333		01/29/2010 2:00	251.22	3.5944	0.391	16.65	0.427	13.11	40.6000	104.9251256	104.963925	2.585613	104.961681	
2010	29	300	29.125000000		01/29/2010 3:00	251.92	3.6042	0.391	16.66	0.426	13.08	40.5768	104.9321832	104.970982	2.592703	104.968770	
2010	29	400	29.166666667		01/29/2010 4:00	252.49	3.6123	0.391	16.67	0.426	13.05	40.5580	104.9379301	104.976729	2.598476	104.974543	
2010	29	500	29.208333333		01/29/2010 5:00	252.91	3.6182	0.391	16.66	0.426	13.02	40.5441	104.9421647	104.980964	2.602729	104.978797	
2010	29	600	29.250000000		01/29/2010 6:00	253.2	3.6223	0.391	16.66	0.426	12.99	40.5345	104.9450886	104.983888	2.605666	104.981734	
2010	29	700	29.291666667		01/29/2010 7:00	253.39	3.6249	0.391	16.66	0.426	12.96	40.5282	104.9470042	104.985803	2.607590	104.983658	
2010	29	800	29.333333333		01/29/2010 8:00	253.43	3.6255	0.391	16.66	0.426	12.96	40.5269	104.9474075	104.986207	2.607996	104.984063	
2010	29	900	29.375000000		01/29/2010 9:00	253.4	3.6251	0.391	16.68	0.426	13.76	40.5279	104.947105	104.985904	2.607692	104.983759	
2010	29	1000	29.416666667		01/29/2010 10:00	252.9	3.6180	0.391	16.66	0.426	13.7	40.5444	104.9420639	104.980863	2.602628	104.978696	
2010	29	1100	29.458333333		01/29/2010 11:00	253.16	3.6217	0.391	16.68	0.426	13.65	40.5358	104.9446853	104.983484	2.605261	104.981329	
2010	29	1200	29.500000000		01/29/2010 12:00	252.96	3.6189	0.391	16.67	0.426	13.66	40.5424	104.9426688	104.981468	2.603236	104.979303	
2010	29	1300	29.541666667		01/29/2010 13:00	252.61	3.6140	0.391	16.67	0.426	13.64	40.5540	104.93914	104.977939	2.599691	104.975759	
2010	29	1400	29.583333333		01/29/2010 14:00	252.29	3.6095	0.391	16.67	0.426	13.62	40.5646	104.9359136	104.974713	2.596450	104.972518	
2010	29	1500	29.625000000		01/29/2010 15:00	252.06	3.6062	0.391	16.67	0.426	13.62	40.5722	104.9335947	104.972394	2.594121	104.970188	
2010	29	1600	29.666666667		01/29/2010 16:00	251.76	3.6020	0.391	16.68	0.426	13.55	40.5821	104.93057	104.969369	2.591082	104.967150	
2010	29	1700	29.708333333		01/29/2010 17:00	251.44	3.5975	0.391	16.68	0.426	13.47	40.5927	104.9273437	104.966143	2.587841	104.963909	
2010	29	1800	29.750000000		01/29/2010 18:00	251.16	3.5935	0.391	16.67	0.426	13.4	40.6020	104.9245206	104.963320	2.585006	104.961073	
2010	29	1900	29.791666667		01/29/2010 19:00	250.89	3.5897	0.39	16.67	0.426	13.35	40.6109	104.9217984	104.960598	2.582271	104.958339	
2010	29	2000	29.833333333		01/29/2010 20:00	250.63	3.5861	0.391	16.66	0.426	13.31	40.6195	104.919177	104.957976	2.579638	104.955706	
2010	29	2100	29.875000000		01/29/2010 21:00	250.47	3.5838	0.391	16.66	0.426	13.26	40.6248	104.9175638	104.956363	2.578018	104.954085	
2010	29	2200	29.916666667		01/29/2010 22:00	250.54	3.5848	0.391	16.67	0.426	13.22	40.6225	104.9182696	104.957069	2.578727	104.954794	
2010	29	2300	29.958333333		01/29/2010 23:00	250.96	3.5907	0.391	16.66	0.426	13.19	40.6086	104.9225041	104.961303	2.582980	104.959048	
2010	29	2400	30.000000000		01/30/2010 0:00	251.59	3.5996	0.391	16.67	0.426	13.15	40.5877	104.928856	104.967655	2.589361	104.965428	
2010	30	100	30.041666667		01/30/2010 1:00	252.5	3.6124	0.391	16.67	0.426	13.12	40.5576	104.9380309	104.976830	2.598577	104.974645	
2010	30	200	30.083333333		01/30/2010 2:00	253.39	3.6249	0.39	16.66	0.426	13.09	40.5282	104.9470042	104.985803	2.607590	104.983658	
2010	30	300	30.125000000		01/30/2010 3:00	254.03	3.6340	0.391	16.67	0.426	13.05	40.5070	104.9534569	104.992256	2.614072	104.990140	
2010	30	400	30.166666667		01/30/2010 4:00	254.5	3.6406	0.391	16.65	0.426	13.02	40.4915	104.9581956	104.996995	2.618832	104.994900	
2010	30	500	30.208333333		01/30/2010 5:00	254.8	3.6448	0.39	16.67	0.426	12.98	40.4816	104.9612203	105.000019	2.621870	104.997938	
2010	30	600	30.250000000		01/30/2010 6:00	254.99	3.6475	0.391	16.67	0.426	12.96	40.4753	104.9631359	105.001935	2.623795	104.999862	
2010	30	700	30.291666667		01/30/2010 7:00	255.11	3.6492	0.391	16.68	0.426	12.93	40.4713	104.9643458	105.003145	2.625010	105.001078	
2010	30	800	30.333333333		01/30/2010 8:00	255.14	3.6496	0.391	16.67	0.426	12.96	40.4703	104.9646483	105.003447	2.625314	105.001382	
2010	30	900	30.375000000		01/30/2010 9:00	255.07	3.6486	0.391	16.66	0.426	13.73	40.4726	104.9639425	105.002742	2.624605	105.000673	
2010	30	1000	30.416666667		01/30/2010 10:00	254.97	3.6472	0.391	16.66	0.426	13.7	40.4759	104.9629343	105.001733	2.623592	104.999660	
2010	30	1100	30.458333333		01/30/2010 11:00	254.96	3.6470	0.391	16.67	0.426	13.68	40.4763	104.9628335	105.001633	2.623491	104.999559	
2010	30	1200	30.500000000		01/30/2010 12:00	254.68	3.6431	0.39	16.67	0.426	13.67	40.4855	104.9600104	104.998810	2.620655	104.996723	
2010	30	1300	30.541666667		01/30/2010 13:00	254.43	3.6396	0.39	16.66	0.426	13.64	40.4938	104.9574898	104.996289	2.618123	104.994191	
2010	30	1400	30.583333333		01/30/2010 14:00	254.36	3.6386	0.391	16.67	0.426	13.63	40.4961	104.9567841	104.995583	2.617414	104.993482	
2010	30	1500	30.625000000		01/30/2010 15:00	254.26	3.6372	0.391	16.66	0.426	13.64	40.4994	104.9557758	104.994575	2.616401	104.992469	
2010	30	1600	30.666666667		01/30/2010 16:00	254.3	3.6378	0.39	16.68	0.426	13.53	40.4981	104.9561791	104.994978	2.616807	104.992874	
2010	30	1700	30.708333333		01/30/2010 17:00	254.66	3.6428	0.391	16.66	0.426	13.45	40.4862	104.9598088	104.998608	2.620453	104.996520	
2010	30	1800	30.750000000		01/30/2010 18:00	255.23	3.6508	0.39	16.67	0.426	13.4	40.4673	104.9655557	105.004355	2.626225	105.002293	
2010	30	1900	30.791666667		01/30/2010 19:00	255.86	3.6597	0.391	16.67	0.426	13.34	40.4465	104.9719076	105.010707	2.632606	105.008673	
2010	30	2000	30.833333333		01/30/2010 20:00	256.54	3.6693	0.39	16.67	0.426	13.3	40.4240	104.9787635	105.017563	2.639493	105.015560	
2010	30	2100	30.875000000		01/30/2010 21:00	257.15	3.6779	0.39	16.67	0.426	13.25	40.4038	104.9849138	105.023713	2.645670	105.021738	
2010	30	2200	30.916666667		01/30/2010 22:00	257.7	3.6856	0.39	16.67	0.426	13.21	40.3856	104.990459	105.029258	2.651241	105.027308	
2010	30	2300	30.958333333		01/30/2010 23:00	258.28	3.6938	0.39	16.67	0.426	13.18	40.3664	104.9963068	105.035106	2.657115	105.033182	
2010	30	2400	31.000000000		01/31/2010 0:00	258.79	3.7010	0.39	16.66	0.426	13.14	40.3496	105.0014488	105.040248	2.662280	105.038347	
2010	31	100	31.041666667		01/31/2010 1:00	259.22	3.7070	0.39	16.67	0.425	13.11	40.3354	105.0057842	105.044583	2.666635	105.042702	
2010	31	200	31.083333333		01/31/2010 2:00	259.5	3.7110	0.39	16.67	0.426	13.07	40.3261	105.0086072	105.047406	2.669470	105.045538	
2010	31	300	31.125000000		01/31/2010 3:00	259.67	3.7134	0.39	16.67	0.426	13.04	40.3205	105.0103212	105.049120	2.671192	105.047260	
2010	31	400	31.166666667		01/31/2010 4:00	259.69	3.7136	0.39	16.67	0.426	13.01	40.3198	105.0105229	105.049322	2.671395	105.047462	
2010	31	500	31.208333333		01/31/2010 5:00	259.69	3.7136	0.39	16.68	0.426	12.98	40.3198	105.0105229	105.049322	2.671395	105.047462	
2010	31	600	31.250000000		01/31/2010 6:00	259.57	3.7119	0.39	16.67	0.426	12.96	40.3238	105.009313	105.048112	2.670179	105.046247	
2010	31	700	31.291666667		01/31/2010 7:00	259.39	3.7094	0.39	16.67	0.426	12.92	40.3297	105.0074982	105.046297	2.668356	105.044424	
2010	31	800	31.333333333		01/31/2010 8:00	259.14	3.7059	0.39	16.66	0.426	12.9	40.3380	105.0049776	105.043777	2.665824	105.041892	
2010	31	900	31.375000000		01/31/2010 9:00	258.82	3.7014	0.39	16.67	0.426	13.69	40.3486	105.0017512	105.040550	2.662584	105.038651	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	31	1000	31.416666667		01/31/2010 10:00	258.47	3.6965	0.39	16.67	0.426	13.68	40.3602	104.9982224	105.037022	2.659039	105.035107	
2010	31	1100	31.458333333		01/31/2010 11:00	258.06	3.6907	0.39	16.67	0.426	13.66	40.3737	104.9940887	105.032888	2.654887	105.030954	
2010	31	1200	31.500000000		01/31/2010 12:00	257.78	3.6867	0.39	16.66	0.426	13.62	40.3830	104.9912656	105.030065	2.652051	105.028119	
2010	31	1300	31.541666667		01/31/2010 13:00	257.69	3.6855	0.39	16.65	0.426	13.59	40.3860	104.9903582	105.029157	2.651139	105.027207	
2010	31	1400	31.583333333		01/31/2010 14:00	257.36	3.6808	0.39	16.66	0.426	13.57	40.3969	104.987031	105.025830	2.647797	105.023865	
2010	31	1500	31.625000000		01/31/2010 15:00	257.08	3.6769	0.39	16.66	0.426	13.55	40.4061	104.984208	105.023007	2.644961	105.021029	
2010	31	1600	31.666666667		01/31/2010 16:00	256.66	3.6710	0.39	16.65	0.426	13.55	40.4200	104.9799734	105.018773	2.640708	105.016776	
2010	31	1700	31.708333333		01/31/2010 17:00	256.61	3.6703	0.39	16.66	0.426	13.52	40.4217	104.9794693	105.018269	2.640201	105.016269	
2010	31	1800	31.750000000		01/31/2010 18:00	256.41	3.6675	0.39	16.67	0.426	13.43	40.4283	104.9774528	105.016252	2.638176	105.014244	
2010	31	1900	31.791666667		01/31/2010 19:00	256.21	3.6646	0.39	16.67	0.426	13.37	40.4349	104.9754364	105.014236	2.636150	105.012218	
2010	31	2000	31.833333333		01/31/2010 20:00	256.07	3.6627	0.39	16.67	0.426	13.32	40.4396	104.9740248	105.012824	2.634733	105.010800	
2010	31	2100	31.875000000		01/31/2010 21:00	255.79	3.6587	0.39	16.66	0.426	13.27	40.4488	104.9712018	105.010001	2.631897	105.007964	
2010	31	2200	31.916666667		01/31/2010 22:00	255.76	3.6583	0.391	16.67	0.426	13.23	40.4498	104.9708993	105.009699	2.631593	105.007661	
2010	31	2300	31.958333333		01/31/2010 23:00	255.54	3.6552	0.39	16.65	0.426	13.2	40.4571	104.9686812	105.007480	2.629365	105.005433	
2010	31	2400	32.000000000		02/01/2010 0:00	255.37	3.6528	0.39	16.67	0.426	13.15	40.4627	104.9669672	105.005766	2.627643	105.003711	
2010	32	100	32.041666667		02/01/2010 1:00	255.25	3.6511	0.39	16.67	0.426	13.13	40.4667	104.9657573	105.004557	2.626428	105.002496	
2010	32	200	32.083333333		02/01/2010 2:00	255.05	3.6483	0.39	16.66	0.426	13.1	40.4733	104.9637409	105.002540	2.624402	105.000470	
2010	32	300	32.125000000		02/01/2010 3:00	254.98	3.6473	0.39	16.67	0.426	13.07	40.4756	104.9630351	105.001834	2.623693	104.999761	
2010	32	400	32.166666667		02/01/2010 4:00	254.88	3.6459	0.39	16.66	0.426	13.04	40.4789	104.9620269	105.000826	2.622681	104.998748	
2010	32	500	32.208333333		02/01/2010 5:00	254.78	3.6445	0.39	16.67	0.426	13	40.4822	104.9610186	104.999818	2.621668	104.997736	
2010	32	600	32.250000000		02/01/2010 6:00	254.57	3.6416	0.39	16.68	0.426	12.97	40.4892	104.9589014	104.997701	2.619541	104.995609	
2010	32	700	32.291666667		02/01/2010 7:00	254.4	3.6392	0.391	16.68	0.426	12.93	40.4948	104.9571874	104.995987	2.617819	104.993887	
2010	32	800	32.333333333		02/01/2010 8:00	254.23	3.6368	0.39	16.66	0.426	12.91	40.5004	104.9554734	104.994273	2.616098	104.992165	
2010	32	900	32.375000000		02/01/2010 9:00	254.02	3.6338	0.39	16.66	0.426	13.06	40.5074	104.9533561	104.992155	2.613971	104.990039	
2010	32	1000	32.416666667		02/01/2010 10:00	253.76	3.6302	0.39	16.66	0.426	13.76	40.5160	104.9507347	104.989534	2.611338	104.987405	
2010	32	1100	32.458333333		02/01/2010 11:00	253.42	3.6254	0.39	16.67	0.426	13.73	40.5272	104.9473067	104.986106	2.607894	104.983962	
2010	32	1200	32.500000000		02/01/2010 12:00	253.35	3.6244	0.39	16.66	0.426	13.7	40.5295	104.9466009	104.985400	2.607185	104.983253	
2010	32	1300	32.541666667		02/01/2010 13:00	253.01	3.6196	0.39	16.66	0.426	13.68	40.5408	104.9431729	104.981972	2.603742	104.979810	
2010	32	1400	32.583333333		02/01/2010 14:00	252.78	3.6164	0.39	16.66	0.426	13.66	40.5484	104.940854	104.979653	2.601413	104.977480	
2010	32	1500	32.625000000		02/01/2010 15:00	252.57	3.6134	0.39	16.66	0.426	13.66	40.5553	104.9387367	104.977536	2.599286	104.975353	
2010	32	1600	32.666666667		02/01/2010 16:00	252.31	3.6097	0.39	16.67	0.426	13.66	40.5639	104.9361153	104.974914	2.596653	104.972720	
2010	32	1700	32.708333333		02/01/2010 17:00	252.11	3.6069	0.39	16.66	0.426	13.53	40.5705	104.9340988	104.972898	2.594627	104.970695	
2010	32	1800	32.750000000		02/01/2010 18:00	251.89	3.6038	0.39	16.66	0.426	13.47	40.5778	104.9318807	104.970680	2.592399	104.968467	
2010	32	1900	32.791666667		02/01/2010 19:00	251.67	3.6007	0.39	16.67	0.426	13.4	40.5851	104.9296626	104.968462	2.590171	104.966239	
2010	32	2000	32.833333333		02/01/2010 20:00	251.48	3.5981	0.39	16.66	0.426	13.35	40.5914	104.927747	104.966546	2.588247	104.964314	
2010	32	2100	32.875000000		02/01/2010 21:00	251.3	3.5955	0.39	16.66	0.426	13.31	40.5973	104.9259321	104.964731	2.586424	104.962491	
2010	32	2200	32.916666667		02/01/2010 22:00	251.12	3.5930	0.39	16.66	0.426	13.26	40.6033	104.9241173	104.962917	2.584601	104.960668	
2010	32	2300	32.958333333		02/01/2010 23:00	250.98	3.5910	0.39	16.67	0.426	13.23	40.6079	104.9227058	104.961505	2.583183	104.959250	
2010	32	2400	33.000000000		02/02/2010 0:00	250.78	3.5882	0.39	16.66	0.426	13.19	40.6145	104.9206893	104.959489	2.581157	104.957225	
2010	33	100	33.041666667		02/02/2010 1:00	250.64	3.5862	0.39	16.67	0.426	13.16	40.6192	104.9192778	104.958077	2.579739	104.955807	
2010	33	200	33.083333333		02/02/2010 2:00	250.36	3.5823	0.39	16.66	0.426	13.13	40.6284	104.9164548	104.955254	2.576904	104.952971	
2010	33	300	33.125000000		02/02/2010 3:00	250.25	3.5807	0.39	16.67	0.426	13.09	40.6321	104.9153457	104.954145	2.575790	104.951857	
2010	33	400	33.166666667		02/02/2010 4:00	250.05	3.5779	0.39	16.65	0.426	13.06	40.6387	104.9133292	104.952128	2.573764	104.949832	
2010	33	500	33.208333333		02/02/2010 5:00	249.95	3.5765	0.39	16.66	0.426	13.03	40.6420	104.912321	104.951120	2.572751	104.948819	
2010	33	600	33.250000000		02/02/2010 6:00	249.78	3.5741	0.391	16.67	0.426	13	40.6476	104.910607	104.949406	2.571030	104.947097	
2010	33	700	33.291666667		02/02/2010 7:00	249.65	3.5723	0.391	16.67	0.426	12.97	40.6519	104.9092963	104.948096	2.569713	104.945781	
2010	33	800	33.333333333		02/02/2010 8:00	249.5	3.5702	0.39	16.66	0.426	13.77	40.6569	104.9077839	104.946583	2.568194	104.944262	
2010	33	900	33.375000000		02/02/2010 9:00	249.21	3.5661	0.39	16.67	0.426	13.76	40.6665	104.9048601	104.943659	2.565257	104.941325	
2010	33	1000	33.416666667		02/02/2010 10:00	249.13	3.5650	0.39	16.68	0.426	13.67	40.6691	104.9040535	104.942853	2.564447	104.940514	
2010	33	1100	33.458333333		02/02/2010 11:00	249.56	3.5710	0.39	16.66	0.426	13.64	40.6549	104.9083889	104.947188	2.568802	104.944869	
2010	33	1200	33.500000000		02/02/2010 12:00	249.02	3.5634	0.39	16.68	0.426	13.64	40.6728	104.9029444	104.941744	2.563333	104.939400	
2010	33	1300	33.541666667		02/02/2010 13:00	249.15	3.5652	0.39	16.68	0.426	13.61	40.6685	104.9042551	104.943054	2.564649	104.940717	
2010	33	1400	33.583333333		02/02/2010 14:00	249.27	3.5669	0.39	16.67	0.426	13.6	40.6645	104.905465	104.944264	2.565864	104.941932	
2010	33	1500	33.625000000		02/02/2010 15:00	249.33	3.5678	0.39	16.66	0.426	13.59	40.6625	104.90607	104.944869	2.566472	104.942540	
2010	33	1600	33.666666667		02/02/2010 16:00	249.69	3.5728	0.39	16.66	0.426	13.55	40.6506	104.9096996	104.948499	2.570118	104.946186	
2010	33	1700	33.708333333		02/02/2010 17:00	249.84	3.5750	0.39	16.67	0.426	13.55	40.6456	104.9112119	104.950011	2.571637	104.947705	
2010	33	1800	33.750000000		02/02/2010 18:00	249.98	3.5769	0.39	16.66	0.426	13.46	40.6410	104.9126235	104.951423	2.573055	104.949123	
2010	33	1900	33.791666667		02/02/2010 19:00	250.05	3.5779	0.39	16.67	0.426	13.39	40.6387	104.9133292	104.952128	2.573764	104.949832	
2010	33	2000	33.833333333		02/02/2010 20:00	250.14	3.5792	0.391	16.67	0.426	13.35	40.6357	104.9142366	104.953036	2.574676	104.950743	
2010	33	2100	33.875000000		02/02/2010 21:00	250.2	3.5800	0.39	16.67	0.426	13.31	40.6337	104.9148416	104.953641	2.575283	104.951351	
2010	33	2200	33.916666667		02/02/2010 22:00	250.14	3.5792	0.39	16.67	0.426	13.26	40.6357	104.9142366	104.953036	2.574676	104.950743	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	33	2300	33.958333333		02/02/2010 23:00	250.29	3.5813	0.39	16.66	0.426	13.23	40.6307	104.915749	104.954548	2.576195	104.952262	
2010	33	2400	34.000000000		02/03/2010 0:00	250.2	3.5800	0.39	16.66	0.426	13.2	40.6337	104.9148416	104.953641	2.575283	104.951351	
2010	34	100	34.041666667		02/03/2010 1:00	250.33	3.5819	0.39	16.67	0.426	13.16	40.6294	104.9161523	104.954951	2.576600	104.952668	
2010	34	200	34.083333333		02/03/2010 2:00	250.55	3.5850	0.39	16.68	0.426	13.12	40.6221	104.9183704	104.957170	2.578828	104.954896	
2010	34	300	34.125000000		02/03/2010 3:00	250.58	3.5854	0.391	16.67	0.426	13.09	40.6212	104.9186729	104.957472	2.579132	104.955199	
2010	34	400	34.166666667		02/03/2010 4:00	250.6	3.5857	0.39	16.68	0.426	13.06	40.6205	104.9188745	104.957674	2.579334	104.955402	
2010	34	500	34.208333333		02/03/2010 5:00	250.82	3.5888	0.39	16.69	0.426	13.04	40.6132	104.9210926	104.959892	2.581562	104.957630	
2010	34	600	34.250000000		02/03/2010 6:00	250.89	3.5897	0.391	16.67	0.426	13	40.6109	104.9217984	104.960598	2.582271	104.958339	
2010	34	700	34.291666667		02/03/2010 7:00	250.94	3.5904	0.391	16.68	0.426	12.97	40.6092	104.9223025	104.961102	2.582778	104.958845	
2010	34	800	34.333333333		02/03/2010 8:00	251.17	3.5937	0.391	16.68	0.426	12.95	40.6016	104.9246214	104.963421	2.585107	104.961175	
2010	34	900	34.375000000		02/03/2010 9:00	251.38	3.5966	0.391	16.68	0.426	13.52	40.5947	104.9267387	104.965538	2.587234	104.963302	
2010	34	1000	34.416666667		02/03/2010 10:00	251.44	3.5975	0.39	16.68	0.426	13.75	40.5927	104.9273437	104.966143	2.587841	104.963909	
2010	34	1100	34.458333333		02/03/2010 11:00	251.61	3.5999	0.391	16.67	0.426	13.74	40.5871	104.9290577	104.967857	2.589563	104.965631	
2010	34	1200	34.500000000		02/03/2010 12:00	251.59	3.5996	0.39	16.68	0.426	13.72	40.5877	104.928856	104.967655	2.589361	104.965428	
2010	34	1300	34.541666667		02/03/2010 13:00	251.7	3.6011	0.39	16.68	0.426	13.68	40.5841	104.9299651	104.968764	2.590475	104.966542	
2010	34	1400	34.583333333		02/03/2010 14:00	251.84	3.6031	0.39	16.67	0.426	13.66	40.5795	104.9313766	104.970176	2.591893	104.967960	
2010	34	1500	34.625000000		02/03/2010 15:00	252.41	3.6111	0.39	16.69	0.426	13.64	40.5606	104.9371235	104.975923	2.597665	104.973733	
2010	34	1600	34.666666667		02/03/2010 16:00	252.6	3.6138	0.39	16.68	0.426	13.66	40.5543	104.9390392	104.977838	2.599590	104.975657	
2010	34	1700	34.708333333		02/03/2010 17:00	253.16	3.6217	0.39	16.67	0.426	13.59	40.5358	104.9446853	104.983484	2.605261	104.981329	
2010	34	1800	34.750000000		02/03/2010 18:00	253.44	3.6256	0.39	16.68	0.426	13.5	40.5265	104.9475083	104.986308	2.608097	104.984165	
2010	34	1900	34.791666667		02/03/2010 19:00	253.58	3.6276	0.39	16.67	0.426	13.43	40.5219	104.9489198	104.987719	2.609515	104.985582	
2010	34	2000	34.833333333		02/03/2010 20:00	253.64	3.6285	0.391	16.68	0.426	13.38	40.5199	104.9495248	104.988324	2.610122	104.986190	
2010	34	2100	34.875000000		02/03/2010 21:00	253.57	3.6275	0.391	16.69	0.426	13.34	40.5222	104.948819	104.987618	2.609413	104.985481	
2010	34	2200	34.916666667		02/03/2010 22:00	253.53	3.6269	0.391	16.69	0.426	13.31	40.5236	104.9484157	104.987215	2.609008	104.985076	
2010	34	2300	34.958333333		02/03/2010 23:00	253.48	3.6262	0.391	16.69	0.426	13.27	40.5252	104.9479116	104.986711	2.608502	104.984570	
2010	34	2400	35.000000000		02/04/2010 0:00	253.3	3.6237	0.391	16.67	0.426	13.23	40.5312	104.9460968	104.984896	2.606679	104.982747	
2010	35	100	35.041666667		02/04/2010 1:00	253.05	3.6202	0.391	16.69	0.426	13.19	40.5394	104.9435762	104.982375	2.604147	104.980215	
2010	35	200	35.083333333		02/04/2010 2:00	252.95	3.6187	0.39	16.68	0.426	13.15	40.5428	104.942568	104.981367	2.603134	104.979202	
2010	35	300	35.125000000		02/04/2010 3:00	252.83	3.6171	0.39	16.67	0.426	13.13	40.5467	104.9413581	104.980157	2.601919	104.977987	
2010	35	400	35.166666667		02/04/2010 4:00	252.6	3.6138	0.39	16.67	0.426	13.1	40.5543	104.9390392	104.977838	2.599590	104.975657	
2010	35	500	35.208333333		02/04/2010 5:00	252.52	3.6127	0.391	16.69	0.426	13.06	40.5570	104.9382326	104.977032	2.598779	104.974847	
2010	35	600	35.250000000		02/04/2010 6:00	252.38	3.6107	0.39	16.67	0.426	13.03	40.5616	104.9368211	104.975620	2.597361	104.973429	
2010	35	700	35.291666667		02/04/2010 7:00	252.25	3.6089	0.39	16.68	0.426	13	40.5659	104.9355104	104.974310	2.596045	104.972113	
2010	35	800	35.333333333		02/04/2010 8:00	252.18	3.6079	0.39	16.69	0.426	12.98	40.5682	104.9348046	104.973604	2.595336	104.971404	
2010	35	900	35.375000000		02/04/2010 9:00	251.96	3.6048	0.391	16.68	0.426	13.74	40.5755	104.9325865	104.971386	2.593108	104.969176	
2010	35	1000	35.416666667		02/04/2010 10:00	251.87	3.6035	0.39	16.68	0.426	13.71	40.5785	104.9316791	104.970478	2.592196	104.968264	
2010	35	1100	35.458333333		02/04/2010 11:00	251.64	3.6003	0.39	16.68	0.426	13.67	40.5861	104.9293601	104.968159	2.589867	104.965935	
2010	35	1200	35.500000000		02/04/2010 12:00	251.7	3.6011	0.39	16.69	0.426	13.64	40.5841	104.9299651	104.968764	2.590475	104.966542	
2010	35	1300	35.541666667		02/04/2010 13:00	251.72	3.6014	0.39	16.68	0.426	13.62	40.5834	104.9301667	104.968966	2.590677	104.966745	
2010	35	1400	35.583333333		02/04/2010 14:00	251.86	3.6034	0.39	16.68	0.426	13.6	40.5788	104.9315782	104.970377	2.592095	104.968163	
2010	35	1500	35.625000000		02/04/2010 15:00	251.85	3.6033	0.39	16.67	0.426	13.6	40.5791	104.9314774	104.970277	2.591994	104.968062	
2010	35	1600	35.666666667		02/04/2010 16:00	251.82	3.6028	0.39	16.68	0.426	13.59	40.5801	104.9311749	104.969974	2.591690	104.967758	
2010	35	1700	35.708333333		02/04/2010 17:00	251.87	3.6035	0.39	16.68	0.426	13.47	40.5785	104.9316791	104.970478	2.592196	104.968264	
2010	35	1800	35.750000000		02/04/2010 18:00	251.73	3.6016	0.39	16.69	0.426	13.41	40.5831	104.9302675	104.969067	2.590779	104.966846	
2010	35	1900	35.791666667		02/04/2010 19:00	251.61	3.5999	0.39	16.68	0.426	13.36	40.5871	104.9290577	104.967857	2.589563	104.965631	
2010	35	2000	35.833333333		02/04/2010 20:00	251.64	3.6003	0.39	16.69	0.426	13.3	40.5861	104.9293601	104.968159	2.589867	104.965935	
2010	35	2100	35.875000000		02/04/2010 21:00	251.53	3.5988	0.39	16.7	0.426	13.26	40.5897	104.9282511	104.967050	2.588753	104.964821	
2010	35	2200	35.916666667		02/04/2010 22:00	251.47	3.5979	0.39	16.68	0.426	13.22	40.5917	104.9276461	104.966445	2.588145	104.964213	
2010	35	2300	35.958333333		02/04/2010 23:00	251.4	3.5969	0.39	16.69	0.426	13.19	40.5940	104.9269404	104.965740	2.587436	104.963504	
2010	35	2400	36.000000000		02/05/2010 0:00	251.33	3.5959	0.39	16.69	0.426	13.15	40.5963	104.9262346	104.965034	2.586727	104.962795	
2010	36	100	36.041666667		02/05/2010 1:00	251.14	3.5933	0.39	16.69	0.426	13.11	40.6026	104.924319	104.963118	2.584803	104.960871	
2010	36	200	36.083333333		02/05/2010 2:00	250.98	3.5910	0.39	16.68	0.426	13.08	40.6079	104.9227058	104.961505	2.583183	104.959250	
2010	36	300	36.125000000		02/05/2010 3:00	250.85	3.5892	0.39	16.69	0.426	13.05	40.6122	104.9213951	104.960194	2.581866	104.957934	
2010	36	400	36.166666667		02/05/2010 4:00	250.66	3.5865	0.39	16.68	0.426	13.02	40.6185	104.9194794	104.958279	2.579942	104.956010	
2010	36	500	36.208333333		02/05/2010 5:00	250.47	3.5838	0.39	16.7	0.426	12.99	40.6248	104.9175638	104.956363	2.578018	104.954085	
2010	36	600	36.250000000		02/05/2010 6:00	250.48	3.5840	0.39	16.68	0.426	12.96	40.6245	104.9176646	104.956464	2.578119	104.954187	
2010	36	700	36.291666667		02/05/2010 7:00	250.74	3.5876	0.39	16.69	0.426	12.93	40.6159	104.920286	104.959085	2.580752	104.956820	
2010	36	800	36.333333333		02/05/2010 8:00	251.26	3.5950	0.39	16.68	0.426	12.9	40.5987	104.9255288	104.964328	2.586019	104.962086	
2010	36	900	36.375000000		02/05/2010 9:00	251.79	3.6024	0.39	16.69	0.426	13.04	40.5811	104.9308725	104.969672	2.591386	104.967454	
2010	36	1000	36.416666667		02/05/2010 10:00	252.25	3.6089	0.39	16.68	0.426	13.67	40.5659	104.9355104	104.974310	2.596045	104.972113	
2010	36	1100	36.458333333		02/05/2010 11:00	252.56	3.6133	0.39	16.67	0.426	13.65	40.5557	104.9386359	104.977435	2.599184	104.975252	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	36	1200	36.500000000		02/05/2010 12:00	252.71	3.6154	0.39	16.69	0.426	13.64	40.5507	104.9401482	104.978947	2.600704	104.976771	
2010	36	1300	36.541666667		02/05/2010 13:00	252.72	3.6155	0.39	16.68	0.426	13.58	40.5504	104.940249	104.979048	2.600805	104.976873	
2010	36	1400	36.583333333		02/05/2010 14:00	252.92	3.6183	0.39	16.7	0.426	13.58	40.5437	104.9422655	104.981065	2.602830	104.978898	
2010	36	1500	36.625000000		02/05/2010 15:00	252.52	3.6127	0.39	16.68	0.426	13.55	40.5570	104.9382326	104.977032	2.598779	104.974847	
2010	36	1600	36.666666667		02/05/2010 16:00	252.66	3.6147	0.39	16.69	0.426	13.57	40.5523	104.9396441	104.978443	2.600197	104.976265	
2010	36	1700	36.708333333		02/05/2010 17:00	252.41	3.6111	0.39	16.67	0.426	13.48	40.5606	104.9371235	104.975923	2.597665	104.973733	
2010	36	1800	36.750000000		02/05/2010 18:00	252.25	3.6089	0.39	16.69	0.426	13.4	40.5659	104.9355104	104.974310	2.596045	104.972113	
2010	36	1900	36.791666667		02/05/2010 19:00	251.91	3.6041	0.39	16.69	0.426	13.34	40.5772	104.9320824	104.970882	2.592601	104.968669	
2010	36	2000	36.833333333		02/05/2010 20:00	251.82	3.6028	0.39	16.69	0.426	13.3	40.5801	104.9311749	104.969974	2.591690	104.967758	
2010	36	2100	36.875000000		02/05/2010 21:00	251.64	3.6003	0.39	16.7	0.426	13.25	40.5861	104.9293601	104.968159	2.589867	104.965935	
2010	36	2200	36.916666667		02/05/2010 22:00	251.39	3.5968	0.39	16.69	0.426	13.21	40.5944	104.9268395	104.965639	2.587335	104.963403	
2010	36	2300	36.958333333		02/05/2010 23:00	251.11	3.5928	0.39	16.68	0.426	13.18	40.6036	104.9240165	104.962816	2.584499	104.960567	
2010	36	2400	37.000000000		02/06/2010 0:00	251	3.5913	0.39	16.7	0.426	13.15	40.6073	104.9229074	104.961707	2.583385	104.959453	
2010	37	100	37.041666667		02/06/2010 1:00	250.86	3.5893	0.39	16.69	0.426	13.11	40.6119	104.9214959	104.960295	2.581967	104.958035	
2010	37	200	37.083333333		02/06/2010 2:00	250.67	3.5866	0.39	16.69	0.426	13.08	40.6182	104.9195803	104.958379	2.580043	104.956111	
2010	37	300	37.125000000		02/06/2010 3:00	250.54	3.5848	0.39	16.69	0.426	13.05	40.6225	104.9182696	104.957069	2.578727	104.954794	
2010	37	400	37.166666667		02/06/2010 4:00	250.28	3.5812	0.39	16.7	0.426	13.02	40.6311	104.9156482	104.954447	2.576093	104.952161	
2010	37	500	37.208333333		02/06/2010 5:00	250.01	3.5774	0.39	16.7	0.426	12.98	40.6400	104.9129259	104.951725	2.573359	104.949427	
2010	37	600	37.250000000		02/06/2010 6:00	249.83	3.5748	0.39	16.69	0.426	12.96	40.6460	104.9111111	104.949910	2.571536	104.947604	
2010	37	700	37.291666667		02/06/2010 7:00	249.55	3.5709	0.39	16.69	0.426	12.92	40.6552	104.9082881	104.947087	2.568700	104.944768	
2010	37	800	37.333333333		02/06/2010 8:00	249.1	3.5645	0.391	16.7	0.426	13.45	40.6701	104.903751	104.942550	2.564143	104.940210	
2010	37	900	37.375000000		02/06/2010 9:00	248.65	3.5582	0.39	16.69	0.426	13.72	40.6850	104.899214	104.938013	2.559585	104.935653	
2010	37	1000	37.416666667		02/06/2010 10:00	248.5	3.5561	0.39	16.7	0.426	13.66	40.6900	104.8977016	104.936501	2.558066	104.934134	
2010	37	1100	37.458333333		02/06/2010 11:00	248.03	3.5495	0.39	16.7	0.426	13.64	40.7055	104.8929629	104.931762	2.553306	104.929374	
2010	37	1200	37.500000000		02/06/2010 12:00	247.75	3.5455	0.39	16.68	0.426	13.6	40.7148	104.8901399	104.928939	2.550470	104.926538	
2010	37	1300	37.541666667		02/06/2010 13:00	247.64	3.5440	0.39	16.69	0.426	13.58	40.7184	104.8890308	104.927830	2.549356	104.925424	
2010	37	1400	37.583333333		02/06/2010 14:00	247.41	3.5407	0.39	16.69	0.426	13.56	40.7260	104.8867119	104.925511	2.547027	104.923095	
2010	37	1500	37.625000000		02/06/2010 15:00	247.26	3.5386	0.39	16.69	0.426	13.55	40.7310	104.8851995	104.923999	2.545508	104.921576	
2010	37	1600	37.666666667		02/06/2010 16:00	246.93	3.5340	0.39	16.68	0.426	13.56	40.7419	104.8818724	104.920672	2.542166	104.918233	
2010	37	1700	37.708333333		02/06/2010 17:00	246.75	3.5315	0.39	16.69	0.426	13.49	40.7478	104.8800575	104.918857	2.540343	104.916411	
2010	37	1800	37.750000000		02/06/2010 18:00	246.44	3.5271	0.39	16.7	0.426	13.41	40.7581	104.876932	104.915731	2.537203	104.913271	
2010	37	1900	37.791666667		02/06/2010 19:00	246.25	3.5244	0.39	16.7	0.426	13.35	40.7644	104.8750164	104.913816	2.535279	104.911347	
2010	37	2000	37.833333333		02/06/2010 20:00	246.03	3.5213	0.39	16.68	0.426	13.3	40.7717	104.8727983	104.911597	2.533051	104.909119	
2010	37	2100	37.875000000		02/06/2010 21:00	245.87	3.5191	0.39	16.7	0.426	13.26	40.7770	104.8711851	104.909984	2.531430	104.907498	
2010	37	2200	37.916666667		02/06/2010 22:00	245.64	3.5158	0.39	16.69	0.426	13.22	40.7846	104.8688662	104.907665	2.529101	104.905169	
2010	37	2300	37.958333333		02/06/2010 23:00	245.54	3.5144	0.39	16.69	0.426	13.19	40.7879	104.8678579	104.906657	2.528088	104.904156	
2010	37	2400	38.000000000		02/07/2010 0:00	245.46	3.5133	0.39	16.71	0.426	13.15	40.7905	104.8670513	104.905851	2.527278	104.903346	
2010	38	100	38.041666667		02/07/2010 1:00	245.36	3.5119	0.391	16.7	0.426	13.11	40.7938	104.8660431	104.904842	2.526265	104.902333	
2010	38	200	38.083333333		02/07/2010 2:00	245.23	3.5101	0.39	16.68	0.426	13.08	40.7981	104.8647324	104.903532	2.524949	104.901016	
2010	38	300	38.125000000		02/07/2010 3:00	245.11	3.5084	0.39	16.71	0.426	13.04	40.8021	104.8635225	104.902322	2.523733	104.899801	
2010	38	400	38.166666667		02/07/2010 4:00	244.94	3.5060	0.39	16.71	0.426	13.01	40.8077	104.8618085	104.900608	2.522012	104.898079	
2010	38	500	38.208333333		02/07/2010 5:00	244.72	3.5029	0.39	16.71	0.426	12.98	40.8150	104.8595904	104.898390	2.519784	104.895851	
2010	38	600	38.250000000		02/07/2010 6:00	244.45	3.4991	0.391	16.71	0.426	12.95	40.8239	104.8568682	104.895667	2.517049	104.893117	
2010	38	700	38.291666667		02/07/2010 7:00	244.17	3.4951	0.391	16.69	0.426	12.93	40.8332	104.8540451	104.892844	2.514213	104.890281	
2010	38	800	38.333333333		02/07/2010 8:00	243.86	3.4908	0.391	16.71	0.426	12.95	40.8434	104.8509196	104.889719	2.511074	104.887142	
2010	38	900	38.375000000		02/07/2010 9:00	243.59	3.4870	0.391	16.7	0.426	13.56	40.8524	104.8481974	104.886997	2.508339	104.884407	
2010	38	1000	38.416666667		02/07/2010 10:00	243.29	3.4827	0.39	16.7	0.426	13.71	40.8623	104.8451727	104.883972	2.505301	104.881369	
2010	38	1100	38.458333333		02/07/2010 11:00	243.03	3.4791	0.391	16.7	0.426	13.69	40.8709	104.8425513	104.881350	2.502668	104.878736	
2010	38	1200	38.500000000		02/07/2010 12:00	242.79	3.4757	0.39	16.69	0.426	13.67	40.8788	104.8401315	104.878931	2.500237	104.876305	
2010	38	1300	38.541666667		02/07/2010 13:00	242.6	3.4730	0.39	16.71	0.426	13.65	40.8851	104.8382159	104.877015	2.498313	104.874381	
2010	38	1400	38.583333333		02/07/2010 14:00	242.33	3.4692	0.39	16.7	0.426	13.62	40.8940	104.8354937	104.874293	2.495579	104.871646	
2010	38	1500	38.625000000		02/07/2010 15:00	242.31	3.4689	0.391	16.69	0.426	13.59	40.8947	104.835292	104.874091	2.495376	104.871444	
2010	38	1600	38.666666667		02/07/2010 16:00	242.21	3.4675	0.391	16.69	0.426	13.64	40.8980	104.8342838	104.873083	2.494363	104.870431	
2010	38	1700	38.708333333		02/07/2010 17:00	242.09	3.4658	0.391	16.7	0.426	13.57	40.9020	104.8330739	104.871873	2.493148	104.869216	
2010	38	1800	38.750000000		02/07/2010 18:00	241.97	3.4642	0.391	16.69	0.426	13.48	40.9060	104.831864	104.870663	2.491933	104.868000	
2010	38	1900	38.791666667		02/07/2010 19:00	241.95	3.4639	0.391	16.7	0.426	13.41	40.9066	104.8316624	104.870462	2.491730	104.867798	
2010	38	2000	38.833333333		02/07/2010 20:00	241.86	3.4626	0.391	16.7	0.426	13.37	40.9096	104.830755	104.869554	2.490819	104.866886	
2010	38	2100	38.875000000		02/07/2010 21:00	241.78	3.4615	0.391	16.71	0.426	13.32	40.9122	104.8299484	104.868748	2.490008	104.866076	
2010	38	2200	38.916666667		02/07/2010 22:00	241.73	3.4608	0.391	16.7	0.426	13.28	40.9139	104.8294443	104.868243	2.489502	104.865570	
2010	38	2300	38.958333333		02/07/2010 23:00	241.67	3.4599	0.391	16.69	0.426	13.23	40.9159	104.8288393	104.867639	2.488894	104.864962	
2010	38	2400	39.000000000		02/08/2010 0:00	241.6	3.4589	0.391	16.72	0.426	13.2	40.9182	104.8281336	104.866933	2.488185	104.864253	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	39	100	39.041666667		02/08/2010 1:00	241.56	3.4584	0.391	16.69	0.426	13.17	40.9195	104.8277303	104.866529	2.487780	104.863848	
2010	39	200	39.083333333		02/08/2010 2:00	241.52	3.4578	0.391	16.71	0.426	13.13	40.9208	104.827327	104.866126	2.487375	104.863443	
2010	39	300	39.125000000		02/08/2010 3:00	241.49	3.4574	0.391	16.72	0.426	13.1	40.9218	104.8270245	104.865824	2.487071	104.863139	
2010	39	400	39.166666667		02/08/2010 4:00	241.45	3.4568	0.391	16.7	0.426	13.07	40.9232	104.8266212	104.865420	2.486666	104.862734	
2010	39	500	39.208333333		02/08/2010 5:00	241.36	3.4556	0.391	16.71	0.426	13.04	40.9261	104.8257138	104.864513	2.485755	104.861822	
2010	39	600	39.250000000		02/08/2010 6:00	241.23	3.4537	0.391	16.7	0.426	13.01	40.9304	104.8244031	104.863202	2.484438	104.860506	
2010	39	700	39.291666667		02/08/2010 7:00	241.1	3.4519	0.391	16.71	0.426	12.98	40.9347	104.8230924	104.861892	2.483122	104.859189	
2010	39	800	39.333333333		02/08/2010 8:00	240.88	3.4488	0.391	16.7	0.426	12.95	40.9420	104.8208743	104.859673	2.480893	104.856961	
2010	39	900	39.375000000		02/08/2010 9:00	240.54	3.4440	0.39	16.7	0.426	13.15	40.9533	104.8174463	104.856245	2.477450	104.853518	
2010	39	1000	39.416666667		02/08/2010 10:00	240.14	3.4384	0.391	16.71	0.426	13.69	40.9665	104.8134134	104.852213	2.473399	104.849467	
2010	39	1100	39.458333333		02/08/2010 11:00	239.83	3.4340	0.391	16.71	0.426	13.67	40.9767	104.8102878	104.849087	2.470259	104.846327	
2010	39	1200	39.500000000		02/08/2010 12:00	239.43	3.4284	0.391	16.7	0.426	13.66	40.9900	104.8062549	104.845054	2.466208	104.842276	
2010	39	1300	39.541666667		02/08/2010 13:00	239.09	3.4236	0.391	16.71	0.426	13.64	41.0012	104.8028269	104.841626	2.462765	104.838833	
2010	39	1400	39.583333333		02/08/2010 14:00	238.87	3.4205	0.391	16.71	0.426	13.62	41.0085	104.8006088	104.839408	2.460537	104.836605	
2010	39	1500	39.625000000		02/08/2010 15:00	238.61	3.4169	0.391	16.7	0.426	13.61	41.0171	104.7979874	104.836787	2.457904	104.833971	
2010	39	1600	39.666666667		02/08/2010 16:00	238.26	3.4119	0.391	16.71	0.426	13.62	41.0287	104.7944586	104.833258	2.454359	104.830427	
2010	39	1700	39.708333333		02/08/2010 17:00	237.96	3.4077	0.391	16.7	0.426	13.53	41.0386	104.7914339	104.830233	2.451321	104.827388	
2010	39	1800	39.750000000		02/08/2010 18:00	237.61	3.4028	0.391	16.72	0.426	13.45	41.0502	104.7879051	104.826704	2.447776	104.823844	
2010	39	1900	39.791666667		02/08/2010 19:00	237.27	3.3980	0.391	16.71	0.426	13.4	41.0614	104.7844771	104.823276	2.444333	104.820400	
2010	39	2000	39.833333333		02/08/2010 20:00	237	3.3942	0.391	16.7	0.426	13.34	41.0704	104.7817548	104.820554	2.441598	104.817666	
2010	39	2100	39.875000000		02/08/2010 21:00	236.73	3.3904	0.391	16.71	0.426	13.3	41.0793	104.7790326	104.817832	2.438864	104.814931	
2010	39	2200	39.916666667		02/08/2010 22:00	236.44	3.3863	0.391	16.71	0.426	13.25	41.0889	104.7761087	104.814908	2.435927	104.811994	
2010	39	2300	39.958333333		02/08/2010 23:00	236.15	3.3822	0.391	16.71	0.426	13.22	41.0985	104.7731849	104.811984	2.432990	104.809057	
2010	39	2400	40.000000000		02/09/2010 0:00	235.96	3.3795	0.391	16.71	0.426	13.18	41.1048	104.7712692	104.810068	2.431065	104.807133	
2010	40	100	40.041666667		02/09/2010 1:00	235.86	3.3781	0.391	16.71	0.426	13.15	41.1081	104.770261	104.809060	2.430053	104.806120	
2010	40	200	40.083333333		02/09/2010 2:00	235.73	3.3763	0.391	16.71	0.426	13.11	41.1124	104.7689503	104.807749	2.428736	104.804804	
2010	40	300	40.125000000		02/09/2010 3:00	235.53	3.3735	0.391	16.71	0.426	13.08	41.1190	104.7669338	104.805733	2.426711	104.802778	
2010	40	400	40.166666667		02/09/2010 4:00	235.42	3.3719	0.391	16.7	0.426	13.05	41.1226	104.7658248	104.804624	2.425596	104.801664	
2010	40	500	40.208333333		02/09/2010 5:00	235.29	3.3701	0.391	16.71	0.426	13.02	41.1269	104.7645141	104.803313	2.424280	104.800348	
2010	40	600	40.250000000		02/09/2010 6:00	235.18	3.3686	0.391	16.71	0.426	12.99	41.1306	104.763405	104.802204	2.423166	104.799234	
2010	40	700	40.291666667		02/09/2010 7:00	235.02	3.3663	0.391	16.72	0.426	12.96	41.1359	104.7617918	104.800591	2.421545	104.797613	
2010	40	800	40.333333333		02/09/2010 8:00	234.75	3.3625	0.391	16.71	0.426	12.93	41.1448	104.7590696	104.797869	2.418811	104.794879	
2010	40	900	40.375000000		02/09/2010 9:00	234.41	3.3577	0.391	16.7	0.426	13.69	41.1560	104.7556416	104.794441	2.415368	104.791435	
2010	40	1000	40.416666667		02/09/2010 10:00	234.07	3.3529	0.391	16.71	0.426	13.68	41.1673	104.7522136	104.791013	2.411924	104.787992	
2010	40	1100	40.458333333		02/09/2010 11:00	233.8	3.3491	0.391	16.72	0.426	13.65	41.1762	104.7494914	104.788291	2.409190	104.785257	
2010	40	1200	40.500000000		02/09/2010 12:00	233.59	3.3462	0.391	16.71	0.426	13.6	41.1832	104.7473741	104.786173	2.407063	104.783131	
2010	40	1300	40.541666667		02/09/2010 13:00	233.39	3.3434	0.391	16.72	0.426	13.57	41.1898	104.7453576	104.784157	2.405037	104.781105	
2010	40	1400	40.583333333		02/09/2010 14:00	233.19	3.3405	0.391	16.72	0.426	13.55	41.1964	104.7433412	104.782140	2.403012	104.779080	
2010	40	1500	40.625000000		02/09/2010 15:00	232.84	3.3356	0.391	16.72	0.426	13.55	41.2080	104.7398124	104.778612	2.399467	104.775535	
2010	40	1600	40.666666667		02/09/2010 16:00	232.46	3.3303	0.391	16.73	0.426	13.52	41.2205	104.7359811	104.774780	2.395619	104.771686	
2010	40	1700	40.708333333		02/09/2010 17:00	232.72	3.3339	0.391	16.7	0.426	13.55	41.2119	104.7386025	104.777402	2.398252	104.774320	
2010	40	1800	40.750000000		02/09/2010 18:00	232.47	3.3304	0.391	16.71	0.426	13.41	41.2202	104.7360819	104.774881	2.395720	104.771788	
2010	40	1900	40.791666667		02/09/2010 19:00	232.41	3.3296	0.391	16.71	0.426	13.35	41.2222	104.735477	104.774276	2.395112	104.771180	
2010	40	2000	40.833333333		02/09/2010 20:00	232.61	3.3324	0.391	16.71	0.426	13.3	41.2156	104.7374934	104.776293	2.397138	104.773205	
2010	40	2100	40.875000000		02/09/2010 21:00	233.09	3.3391	0.391	16.72	0.426	13.26	41.1997	104.7423329	104.781132	2.401999	104.778067	
2010	40	2200	40.916666667		02/09/2010 22:00	234	3.3519	0.391	16.71	0.426	13.22	41.1696	104.7515079	104.790307	2.411215	104.787283	
2010	40	2300	40.958333333		02/09/2010 23:00	235.23	3.3693	0.391	16.73	0.426	13.18	41.1289	104.7639091	104.802708	2.423672	104.799740	
2010	40	2400	41.000000000		02/10/2010 0:00	236.47	3.3867	0.391	16.72	0.426	13.15	41.0879	104.7764112	104.815210	2.436231	104.812298	
2010	41	100	41.041666667		02/10/2010 1:00	237.79	3.4053	0.391	16.72	0.426	13.11	41.0442	104.7897199	104.828519	2.449599	104.825667	
2010	41	200	41.083333333		02/10/2010 2:00	238.87	3.4205	0.391	16.71	0.426	13.08	41.0085	104.8006088	104.839408	2.460537	104.836605	
2010	41	300	41.125000000		02/10/2010 3:00	239.78	3.4333	0.391	16.73	0.426	13.05	40.9784	104.8097837	104.848583	2.469753	104.845821	
2010	41	400	41.166666667		02/10/2010 4:00	240.32	3.4409	0.391	16.72	0.426	13.02	40.9605	104.8152282	104.854027	2.475222	104.851290	
2010	41	500	41.208333333		02/10/2010 5:00	240.73	3.4467	0.391	16.72	0.426	13	40.9470	104.8193619	104.858161	2.479374	104.855442	
2010	41	600	41.250000000		02/10/2010 6:00	241.08	3.4516	0.391	16.72	0.426	12.96	40.9354	104.8228907	104.861690	2.482919	104.858987	
2010	41	700	41.291666667		02/10/2010 7:00	241.29	3.4546	0.391	16.72	0.426	12.93	40.9285	104.825008	104.863807	2.485046	104.861114	
2010	41	800	41.333333333		02/10/2010 8:00	241.41	3.4563	0.391	16.73	0.426	13.82	40.9245	104.8262179	104.865017	2.486261	104.862329	
2010	41	900	41.375000000		02/10/2010 9:00	241.45	3.4568	0.391	16.74	0.426	13.73	40.9232	104.8266212	104.865420	2.486666	104.862734	
2010	41	1000	41.416666667		02/10/2010 10:00	241.58	3.4587	0.391	16.72	0.426	13.68	40.9189	104.8279319	104.866731	2.487983	104.864051	
2010	41	1100	41.458333333		02/10/2010 11:00	241.55	3.4582	0.391	16.72	0.426	13.66	40.9199	104.8276294	104.866429	2.487679	104.863747	
2010	41	1200	41.500000000		02/10/2010 12:00	241.35	3.4554	0.391	16.72	0.426	13.64	40.9265	104.825613	104.864412	2.485653	104.861721	
2010	41	1300	41.541666667		02/10/2010 13:00	241.33	3.4551	0.391	16.7	0.426	13.6	40.9271	104.8254113	104.864211	2.485451	104.861519	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	41	1400	41.583333333		02/10/2010 14:00	241.09	3.4518	0.391	16.71	0.426	13.58	40.9351	104.8229916	104.861791	2.483020	104.859088	
2010	41	1500	41.625000000		02/10/2010 15:00	240.66	3.4457	0.391	16.72	0.426	13.6	40.9493	104.8186562	104.857455	2.478665	104.854733	
2010	41	1600	41.666666667		02/10/2010 16:00	240.53	3.4439	0.391	16.73	0.426	13.6	40.9536	104.8173455	104.856145	2.477349	104.853416	
2010	41	1700	41.708333333		02/10/2010 17:00	240.42	3.4423	0.391	16.71	0.426	13.47	40.9572	104.8162364	104.855036	2.476235	104.852302	
2010	41	1800	41.750000000		02/10/2010 18:00	240.47	3.4430	0.391	16.71	0.426	13.41	40.9556	104.8167405	104.855540	2.476741	104.852809	
2010	41	1900	41.791666667		02/10/2010 19:00	240.89	3.4490	0.391	16.72	0.426	13.35	40.9417	104.8209751	104.859774	2.480995	104.857062	
2010	41	2000	41.833333333		02/10/2010 20:00	241.5	3.4575	0.391	16.73	0.426	13.3	40.9215	104.8271253	104.865925	2.487173	104.863240	
2010	41	2100	41.875000000		02/10/2010 21:00	242.27	3.4684	0.391	16.71	0.426	13.26	40.8960	104.8348887	104.873688	2.494971	104.871039	
2010	41	2200	41.916666667		02/10/2010 22:00	243.15	3.4808	0.391	16.73	0.426	13.22	40.8669	104.8437612	104.882560	2.503883	104.879951	
2010	41	2300	41.958333333		02/10/2010 23:00	244.15	3.4949	0.391	16.72	0.426	13.18	40.8338	104.8538435	104.892643	2.514011	104.890079	
2010	41	2400	42.000000000		02/11/2010 0:00	245.17	3.5092	0.39	16.72	0.426	13.15	40.8001	104.8641275	104.902927	2.524341	104.900409	
2010	42	100	42.041666667		02/11/2010 1:00	246.26	3.5246	0.39	16.71	0.426	13.11	40.7641	104.8751172	104.913916	2.535380	104.911448	
2010	42	200	42.083333333		02/11/2010 2:00	247.19	3.5377	0.39	16.72	0.426	13.08	40.7333	104.8844938	104.923293	2.544799	104.920867	
2010	42	300	42.125000000		02/11/2010 3:00	247.92	3.5479	0.39	16.72	0.426	13.05	40.7091	104.8918539	104.930653	2.552192	104.928260	
2010	42	400	42.166666667		02/11/2010 4:00	248.54	3.5567	0.39	16.72	0.426	13.02	40.6886	104.8981049	104.936904	2.558471	104.934539	
2010	42	500	42.208333333		02/11/2010 5:00	248.94	3.5623	0.391	16.73	0.426	12.98	40.6754	104.9021378	104.940937	2.562522	104.938590	
2010	42	600	42.250000000		02/11/2010 6:00	249.23	3.5664	0.391	16.73	0.426	12.96	40.6658	104.9050617	104.943861	2.565459	104.941527	
2010	42	700	42.291666667		02/11/2010 7:00	249.33	3.5678	0.391	16.71	0.426	12.92	40.6625	104.90607	104.944869	2.566472	104.942540	
2010	42	800	42.333333333		02/11/2010 8:00	249.38	3.5685	0.391	16.73	0.426	12.89	40.6608	104.9065741	104.945373	2.566979	104.943046	
2010	42	900	42.375000000		02/11/2010 9:00	249.33	3.5678	0.391	16.72	0.426	13.31	40.6625	104.90607	104.944869	2.566472	104.942540	
2010	42	1000	42.416666667		02/11/2010 10:00	249.31	3.5675	0.391	16.71	0.426	13.68	40.6632	104.9058683	104.944668	2.566270	104.942337	
2010	42	1100	42.458333333		02/11/2010 11:00	249.1	3.5645	0.391	16.72	0.426	13.66	40.6701	104.903751	104.942550	2.564143	104.940210	
2010	42	1200	42.500000000		02/11/2010 12:00	249.17	3.5655	0.391	16.72	0.426	13.62	40.6678	104.9044568	104.943256	2.564852	104.940919	
2010	42	1300	42.541666667		02/11/2010 13:00	249.34	3.5679	0.391	16.73	0.426	13.59	40.6622	104.9061708	104.944970	2.566573	104.942641	
2010	42	1400	42.583333333		02/11/2010 14:00	249.44	3.5693	0.391	16.73	0.426	13.56	40.6589	104.907179	104.945978	2.567586	104.943654	
2010	42	1500	42.625000000		02/11/2010 15:00	249.98	3.5769	0.391	16.74	0.426	13.55	40.6410	104.9126235	104.951423	2.573055	104.949123	
2010	42	1600	42.666666667		02/11/2010 16:00	250.44	3.5834	0.391	16.74	0.426	13.58	40.6258	104.9172613	104.956061	2.577714	104.953782	
2010	42	1700	42.708333333		02/11/2010 17:00	250.79	3.5883	0.391	16.71	0.426	13.48	40.6142	104.9207902	104.959589	2.581259	104.957326	
2010	42	1800	42.750000000		02/11/2010 18:00	251.06	3.5921	0.391	16.73	0.426	13.4	40.6053	104.9235124	104.962312	2.583993	104.960061	
2010	42	1900	42.791666667		02/11/2010 19:00	251.26	3.5950	0.391	16.72	0.426	13.35	40.5987	104.9255288	104.964328	2.586019	104.962086	
2010	42	2000	42.833333333		02/11/2010 20:00	251.42	3.5972	0.391	16.73	0.426	13.3	40.5934	104.927142	104.965941	2.587639	104.963707	
2010	42	2100	42.875000000		02/11/2010 21:00	251.53	3.5988	0.391	16.73	0.426	13.26	40.5897	104.9282511	104.967050	2.588753	104.964821	
2010	42	2200	42.916666667		02/11/2010 22:00	251.7	3.6011	0.391	16.71	0.426	13.22	40.5841	104.9299651	104.968764	2.590475	104.966542	
2010	42	2300	42.958333333		02/11/2010 23:00	251.91	3.6041	0.391	16.72	0.426	13.18	40.5772	104.9320824	104.970882	2.592601	104.968669	
2010	42	2400	43.000000000		02/12/2010 0:00	252.38	3.6107	0.39	16.72	0.426	13.15	40.5616	104.9368211	104.975620	2.597361	104.973429	
2010	43	100	43.041666667		02/12/2010 1:00	252.81	3.6168	0.391	16.73	0.426	13.1	40.5474	104.9411565	104.979956	2.601716	104.977784	
2010	43	200	43.083333333		02/12/2010 2:00	253.32	3.6240	0.39	16.74	0.425	13.07	40.5305	104.9462984	104.985098	2.606881	104.982949	
2010	43	300	43.125000000		02/12/2010 3:00	253.67	3.6289	0.39	16.72	0.426	13.04	40.5189	104.9498273	104.988626	2.610426	104.986494	
2010	43	400	43.166666667		02/12/2010 4:00	254.08	3.6347	0.39	16.73	0.425	13.01	40.5054	104.953961	104.992760	2.614579	104.990646	
2010	43	500	43.208333333		02/12/2010 5:00	254.25	3.6370	0.39	16.73	0.425	12.98	40.4998	104.955675	104.994474	2.616300	104.992368	
2010	43	600	43.250000000		02/12/2010 6:00	254.37	3.6387	0.39	16.72	0.426	12.95	40.4958	104.9568849	104.995684	2.617516	104.993583	
2010	43	700	43.291666667		02/12/2010 7:00	254.47	3.6401	0.39	16.73	0.426	12.93	40.4925	104.9578931	104.996692	2.618528	104.994596	
2010	43	800	43.333333333		02/12/2010 8:00	254.48	3.6403	0.39	16.73	0.426	12.94	40.4921	104.9579939	104.996793	2.618630	104.994697	
2010	43	900	43.375000000		02/12/2010 9:00	254.41	3.6393	0.39	16.73	0.426	13.37	40.4945	104.9572882	104.996087	2.617921	104.993988	
2010	43	1000	43.416666667		02/12/2010 10:00	254.36	3.6386	0.391	16.74	0.426	13.62	40.4961	104.9567841	104.995583	2.617414	104.993482	
2010	43	1100	43.458333333		02/12/2010 11:00	254.28	3.6375	0.391	16.74	0.426	13.62	40.4988	104.9559775	104.994777	2.616604	104.992672	
2010	43	1200	43.500000000		02/12/2010 12:00	254.18	3.6361	0.39	16.72	0.426	13.6	40.5021	104.9549692	104.993768	2.615591	104.991659	
2010	43	1300	43.541666667		02/12/2010 13:00	254.2	3.6363	0.39	16.73	0.426	13.57	40.5014	104.9551709	104.993970	2.615794	104.991862	
2010	43	1400	43.583333333		02/12/2010 14:00	254	3.6335	0.392	16.72	0.427	13.56	40.5080	104.9531544	104.991954	2.613768	104.989836	
2010	43	1500	43.625000000		02/12/2010 15:00	253.95	3.6328	0.391	16.74	0.427	13.56	40.5097	104.9526503	104.991450	2.613262	104.989330	
2010	43	1600	43.666666667		02/12/2010 16:00	253.51	3.6266	0.391	16.72	0.426	13.52	40.5242	104.9482141	104.987013	2.608806	104.984873	
2010	43	1700	43.708333333		02/12/2010 17:00	254	3.6335	0.391	16.73	0.426	13.51	40.5080	104.9531544	104.991954	2.613768	104.989836	
2010	43	1800	43.750000000		02/12/2010 18:00	253.88	3.6318	0.391	16.73	0.426	13.39	40.5120	104.9519445	104.990744	2.612553	104.988621	
2010	43	1900	43.791666667		02/12/2010 19:00	253.79	3.6306	0.39	16.73	0.426	13.33	40.5150	104.9510371	104.989836	2.611641	104.987709	
2010	43	2000	43.833333333		02/12/2010 20:00	253.48	3.6262	0.391	16.72	0.426	13.28	40.5252	104.9479116	104.986711	2.608502	104.984570	
2010	43	2100	43.875000000		02/12/2010 21:00	253.23	3.6227	0.391	16.72	0.426	13.24	40.5335	104.945391	104.984190	2.605970	104.982038	
2010	43	2200	43.916666667		02/12/2010 22:00	252.98	3.6192	0.39	16.72	0.426	13.19	40.5418	104.9428704	104.981670	2.603438	104.979506	
2010	43	2300	43.958333333		02/12/2010 23:00	252.88	3.6178	0.391	16.72	0.426	13.17	40.5451	104.9418622	104.980661	2.602425	104.978493	
2010	43	2400	44.000000000		02/13/2010 0:00	252.71	3.6154	0.39	16.72	0.426	13.13	40.5507	104.9401482	104.978947	2.600704	104.976771	
2010	44	100	44.041666667		02/13/2010 1:00	252.65	3.6145	0.39	16.73	0.426	13.1	40.5527	104.9395433	104.978342	2.600096	104.976164	
2010	44	200	44.083333333		02/13/2010 2:00	252.77	3.6162	0.391	16.73	0.426	13.06	40.5487	104.9407532	104.979552	2.601311	104.977379	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	44	300	44.125000000		02/13/2010 3:00	253.06	3.6203	0.391	16.72	0.426	13.03	40.5391	104.943677	104.982476	2.604248	104.980316	
2010	44	400	44.166666667		02/13/2010 4:00	253.13	3.6213	0.39	16.72	0.426	13	40.5368	104.9443828	104.983182	2.604957	104.981025	
2010	44	500	44.208333333		02/13/2010 5:00	253.31	3.6238	0.39	16.72	0.426	12.97	40.5308	104.9461976	104.984997	2.606780	104.982848	
2010	44	600	44.250000000		02/13/2010 6:00	253.38	3.6248	0.39	16.72	0.426	12.94	40.5285	104.9469034	104.985703	2.607489	104.983557	
2010	44	700	44.291666667		02/13/2010 7:00	253.22	3.6225	0.39	16.73	0.426	12.9	40.5338	104.9452902	104.984089	2.605869	104.981936	
2010	44	800	44.333333333		02/13/2010 8:00	253.05	3.6202	0.391	16.71	0.426	13.68	40.5394	104.9435762	104.982375	2.604147	104.980215	
2010	44	900	44.375000000		02/13/2010 9:00	252.73	3.6156	0.39	16.72	0.426	13.64	40.5500	104.9403499	104.979149	2.600906	104.976974	
2010	44	1000	44.416666667		02/13/2010 10:00	252.69	3.6151	0.39	16.72	0.426	13.62	40.5514	104.9399466	104.978746	2.600501	104.976569	
2010	44	1100	44.458333333		02/13/2010 11:00	252.4	3.6110	0.39	16.71	0.426	13.58	40.5609	104.9370227	104.975822	2.597564	104.973632	
2010	44	1200	44.500000000		02/13/2010 12:00	252.12	3.6071	0.39	16.72	0.426	13.54	40.5702	104.9341996	104.972999	2.594728	104.970796	
2010	44	1300	44.541666667		02/13/2010 13:00	251.88	3.6037	0.39	16.73	0.426	13.51	40.5781	104.9317799	104.970579	2.592298	104.968365	
2010	44	1400	44.583333333		02/13/2010 14:00	251.72	3.6014	0.39	16.72	0.426	13.49	40.5834	104.9301667	104.968966	2.590677	104.966745	
2010	44	1500	44.625000000		02/13/2010 15:00	251.48	3.5981	0.39	16.72	0.426	13.47	40.5914	104.927747	104.966546	2.588247	104.964314	
2010	44	1600	44.666666667		02/13/2010 16:00	251.26	3.5950	0.391	16.74	0.426	13.49	40.5987	104.9255288	104.964328	2.586019	104.962086	
2010	44	1700	44.708333333		02/13/2010 17:00	251.03	3.5917	0.39	16.73	0.425	13.44	40.6063	104.9232099	104.962009	2.583689	104.959757	
2010	44	1800	44.750000000		02/13/2010 18:00	250.78	3.5882	0.391	16.72	0.426	13.36	40.6145	104.9206893	104.959489	2.581157	104.957225	
2010	44	1900	44.791666667		02/13/2010 19:00	250.47	3.5838	0.391	16.73	0.426	13.3	40.6248	104.9175638	104.956363	2.578018	104.954085	
2010	44	2000	44.833333333		02/13/2010 20:00	250.28	3.5812	0.391	16.73	0.426	13.25	40.6311	104.9156482	104.954447	2.576093	104.952161	
2010	44	2100	44.875000000		02/13/2010 21:00	249.97	3.5768	0.39	16.72	0.426	13.2	40.6413	104.9125226	104.951322	2.572954	104.949022	
2010	44	2200	44.916666667		02/13/2010 22:00	249.68	3.5727	0.39	16.72	0.426	13.17	40.6509	104.9095988	104.948398	2.570017	104.946085	
2010	44	2300	44.958333333		02/13/2010 23:00	249.45	3.5695	0.39	16.72	0.426	13.12	40.6585	104.9072798	104.946079	2.567687	104.943755	
2010	44	2400	45.000000000		02/14/2010 0:00	249.17	3.5655	0.39	16.71	0.426	13.09	40.6678	104.9044568	104.943256	2.564852	104.940919	
2010	45	100	45.041666667		02/14/2010 1:00	248.84	3.5609	0.39	16.72	0.426	13.05	40.6787	104.9011296	104.939929	2.561510	104.937577	
2010	45	200	45.083333333		02/14/2010 2:00	248.56	3.5569	0.39	16.72	0.425	13.02	40.6880	104.8983066	104.937106	2.558674	104.934742	
2010	45	300	45.125000000		02/14/2010 3:00	248.23	3.5523	0.39	16.72	0.426	12.99	40.6989	104.8949794	104.933779	2.555332	104.931399	
2010	45	400	45.166666667		02/14/2010 4:00	247.89	3.5475	0.39	16.71	0.426	12.96	40.7101	104.8915514	104.930351	2.551888	104.927956	
2010	45	500	45.208333333		02/14/2010 5:00	247.57	3.5430	0.39	16.73	0.426	12.93	40.7207	104.8883251	104.927124	2.548647	104.924715	
2010	45	600	45.250000000		02/14/2010 6:00	247.34	3.5398	0.39	16.72	0.426	12.9	40.7283	104.8860061	104.924805	2.546318	104.922386	
2010	45	700	45.291666667		02/14/2010 7:00	247.03	3.5354	0.39	16.73	0.426	12.87	40.7386	104.8828806	104.921680	2.543179	104.919246	
2010	45	800	45.333333333		02/14/2010 8:00	246.78	3.5319	0.39	16.71	0.426	12.85	40.7469	104.88036	104.919159	2.540647	104.916714	
2010	45	900	45.375000000		02/14/2010 9:00	246.49	3.5278	0.39	16.72	0.425	13.13	40.7564	104.8774361	104.916235	2.537710	104.913777	
2010	45	1000	45.416666667		02/14/2010 10:00	246.24	3.5243	0.39	16.71	0.426	13.67	40.7647	104.8749156	104.913715	2.535178	104.911245	
2010	45	1100	45.458333333		02/14/2010 11:00	245.99	3.5208	0.39	16.73	0.426	13.65	40.7730	104.872395	104.911194	2.532646	104.908713	
2010	45	1200	45.500000000		02/14/2010 12:00	245.73	3.5171	0.39	16.73	0.426	13.64	40.7816	104.8697736	104.908573	2.530013	104.906080	
2010	45	1300	45.541666667		02/14/2010 13:00	245.34	3.5116	0.39	16.73	0.426	13.61	40.7945	104.8658415	104.904641	2.526063	104.902131	
2010	45	1400	45.583333333		02/14/2010 14:00	245.05	3.5075	0.39	16.72	0.426	13.62	40.8041	104.8629176	104.901717	2.523126	104.899193	
2010	45	1500	45.625000000		02/14/2010 15:00	244.71	3.5027	0.39	16.71	0.426	13.6	40.8153	104.8594896	104.898289	2.519682	104.895750	
2010	45	1600	45.666666667		02/14/2010 16:00	244.31	3.4971	0.39	16.74	0.426	13.59	40.8286	104.8554567	104.894256	2.515631	104.891699	
2010	45	1700	45.708333333		02/14/2010 17:00	244.12	3.4944	0.39	16.72	0.426	13.51	40.8348	104.853541	104.892340	2.513707	104.889775	
2010	45	1800	45.750000000		02/14/2010 18:00	243.77	3.4895	0.39	16.73	0.425	13.43	40.8464	104.8500122	104.888811	2.510162	104.886230	
2010	45	1900	45.791666667		02/14/2010 19:00	243.38	3.4840	0.39	16.72	0.426	13.37	40.8593	104.8460801	104.884879	2.506213	104.882280	
2010	45	2000	45.833333333		02/14/2010 20:00	243	3.4787	0.39	16.72	0.426	13.32	40.8719	104.8422488	104.881048	2.502364	104.878432	
2010	45	2100	45.875000000		02/14/2010 21:00	242.7	3.4744	0.39	16.73	0.426	13.26	40.8818	104.8392241	104.878023	2.499326	104.875394	
2010	45	2200	45.916666667		02/14/2010 22:00	242.36	3.4696	0.39	16.73	0.426	13.23	40.8931	104.8357961	104.874595	2.495882	104.871950	
2010	45	2300	45.958333333		02/14/2010 23:00	241.99	3.4644	0.39	16.73	0.426	13.19	40.9053	104.8320657	104.870865	2.492135	104.868203	
2010	45	2400	46.000000000		02/15/2010 0:00	241.71	3.4605	0.391	16.73	0.426	13.15	40.9146	104.8292426	104.868042	2.489299	104.865367	
2010	46	100	46.041666667		02/15/2010 1:00	241.45	3.4568	0.391	16.72	0.426	13.11	40.9232	104.8266212	104.865420	2.486666	104.862734	
2010	46	200	46.083333333		02/15/2010 2:00	241.16	3.4528	0.39	16.73	0.426	13.07	40.9328	104.8236973	104.862497	2.483729	104.859797	
2010	46	300	46.125000000		02/15/2010 3:00	240.82	3.4480	0.391	16.74	0.426	13.04	40.9440	104.8202693	104.859069	2.480286	104.856354	
2010	46	400	46.166666667		02/15/2010 4:00	240.58	3.4446	0.39	16.72	0.426	13.01	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	46	500	46.208333333		02/15/2010 5:00	240.32	3.4409	0.391	16.73	0.426	12.99	40.9605	104.8152282	104.854027	2.475222	104.851290	
2010	46	600	46.250000000		02/15/2010 6:00	240.1	3.4378	0.391	16.74	0.426	12.96	40.9678	104.8130101	104.851809	2.472994	104.849062	
2010	46	700	46.291666667		02/15/2010 7:00	239.85	3.4343	0.391	16.73	0.426	12.93	40.9761	104.8104895	104.849289	2.470462	104.846530	
2010	46	800	46.333333333		02/15/2010 8:00	239.57	3.4304	0.39	16.72	0.426	12.99	40.9853	104.8076664	104.846466	2.467626	104.843694	
2010	46	900	46.375000000		02/15/2010 9:00	239.37	3.4276	0.391	16.73	0.426	13.73	40.9920	104.80565	104.844449	2.465601	104.841668	
2010	46	1000	46.416666667		02/15/2010 10:00	238.97	3.4219	0.39	16.73	0.426	13.72	41.0052	104.801617	104.840416	2.461550	104.837617	
2010	46	1100	46.458333333		02/15/2010 11:00	238.78	3.4192	0.39	16.72	0.426	13.69	41.0115	104.7997014	104.838501	2.459625	104.835693	
2010	46	1200	46.500000000		02/15/2010 12:00	238.58	3.4164	0.39	16.73	0.426	13.66	41.0181	104.7976849	104.836484	2.457600	104.833668	
2010	46	1300	46.541666667		02/15/2010 13:00	238.3	3.4125	0.39	16.73	0.426	13.63	41.0274	104.7948619	104.833661	2.454764	104.830832	
2010	46	1400	46.583333333		02/15/2010 14:00	237.86	3.4063	0.391	16.74	0.426	13.6	41.0419	104.7904256	104.829225	2.450308	104.826376	
2010	46	1500	46.625000000		02/15/2010 15:00	237.64	3.4032	0.391	16.73	0.426	13.57	41.0492	104.7882075	104.827007	2.448080	104.824148	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	46	1600	46.666666667		02/15/2010 16:00	237.76	3.4049	0.391	16.72	0.426	13.56	41.0452	104.7894174	104.828217	2.449295	104.825363	
2010	46	1700	46.708333333		02/15/2010 17:00	237.48	3.4009	0.39	16.73	0.426	13.54	41.0545	104.7865944	104.825394	2.446459	104.822527	
2010	46	1800	46.750000000		02/15/2010 18:00	237.24	3.3976	0.391	16.72	0.426	13.45	41.0624	104.7841746	104.822974	2.444029	104.820097	
2010	46	1900	46.791666667		02/15/2010 19:00	236.98	3.3939	0.391	16.73	0.426	13.38	41.0710	104.7815532	104.820352	2.441396	104.817463	
2010	46	2000	46.833333333		02/15/2010 20:00	236.87	3.3924	0.391	16.73	0.426	13.33	41.0747	104.7804441	104.819243	2.440282	104.816349	
2010	46	2100	46.875000000		02/15/2010 21:00	236.56	3.3880	0.391	16.74	0.426	13.28	41.0849	104.7773186	104.816118	2.437142	104.813210	
2010	46	2200	46.916666667		02/15/2010 22:00	236.34	3.3849	0.391	16.73	0.426	13.24	41.0922	104.7751005	104.813900	2.434914	104.810982	
2010	46	2300	46.958333333		02/15/2010 23:00	236.12	3.3818	0.391	16.72	0.426	13.21	41.0995	104.7728824	104.811682	2.432686	104.808754	
2010	46	2400	47.000000000		02/16/2010 0:00	236	3.3801	0.391	16.73	0.426	13.17	41.1034	104.7716725	104.810472	2.431471	104.807538	
2010	47	100	47.041666667		02/16/2010 1:00	235.97	3.3797	0.391	16.73	0.426	13.13	41.1044	104.77137	104.810169	2.431167	104.807234	
2010	47	200	47.083333333		02/16/2010 2:00	236.21	3.3831	0.39	16.73	0.426	13.1	41.0965	104.7737898	104.812589	2.433597	104.809665	
2010	47	300	47.125000000		02/16/2010 3:00	236.57	3.3881	0.391	16.73	0.426	13.07	41.0846	104.7774194	104.816219	2.437243	104.813311	
2010	47	400	47.166666667		02/16/2010 4:00	236.88	3.3925	0.391	16.74	0.426	13.04	41.0743	104.780545	104.819344	2.440383	104.816451	
2010	47	500	47.208333333		02/16/2010 5:00	237.24	3.3976	0.391	16.73	0.426	13.01	41.0624	104.7841746	104.822974	2.444029	104.820097	
2010	47	600	47.250000000		02/16/2010 6:00	237.39	3.3997	0.391	16.73	0.426	12.98	41.0575	104.785687	104.824486	2.445548	104.821616	
2010	47	700	47.291666667		02/16/2010 7:00	237.38	3.3995	0.391	16.72	0.426	12.94	41.0578	104.7855861	104.824385	2.445447	104.821514	
2010	47	800	47.333333333		02/16/2010 8:00	237.11	3.3957	0.391	16.74	0.426	13.09	41.0667	104.7828639	104.821663	2.442712	104.818780	
2010	47	900	47.375000000		02/16/2010 9:00	236.75	3.3907	0.391	16.72	0.426	13.67	41.0786	104.7792343	104.818033	2.439066	104.815134	
2010	47	1000	47.416666667		02/16/2010 10:00	236.42	3.3860	0.391	16.74	0.426	13.64	41.0895	104.7759071	104.814706	2.435724	104.811792	
2010	47	1100	47.458333333		02/16/2010 11:00	232.83	3.3355	0.39	16.75	0.425	13.58	41.2083	104.7397115	104.778511	2.399366	104.775434	
2010	47	1200	47.500000000		02/16/2010 12:00	235.68	3.3756	0.39	16.75	0.425	13.55	41.1140	104.7684462	104.807245	2.428230	104.804297	
2010	47	1300	47.541666667		02/16/2010 13:00	235.65	3.3752	0.39	16.76	0.425	13.55	41.1150	104.7681437	104.806943	2.427926	104.803994	
2010	47	1400	47.583333333		02/16/2010 14:00	235.37	3.3712	0.39	16.74	0.425	13.53	41.1243	104.7653207	104.804120	2.425090	104.801158	
2010	47	1500	47.625000000		02/16/2010 15:00	235.17	3.3684	0.39	16.75	0.425	13.52	41.1309	104.7633042	104.802103	2.423065	104.799132	
2010	47	1600	47.666666667		02/16/2010 16:00	235.24	3.3694	0.39	16.74	0.425	13.51	41.1286	104.7640099	104.802809	2.423773	104.799841	
2010	47	1700	47.708333333		02/16/2010 17:00	235.59	3.3743	0.39	16.75	0.425	13.54	41.1170	104.7675388	104.806338	2.427318	104.803386	
2010	47	1800	47.750000000		02/16/2010 18:00	235.65	3.3752	0.39	16.76	0.425	13.42	41.1150	104.7681437	104.806943	2.427926	104.803994	
2010	47	1900	47.791666667		02/16/2010 19:00	235.71	3.3760	0.39	16.74	0.425	13.36	41.1130	104.7687486	104.807548	2.428533	104.804601	
2010	47	2000	47.833333333		02/16/2010 20:00	235.74	3.3764	0.39	16.75	0.425	13.3	41.1120	104.7690511	104.807850	2.428837	104.804905	
2010	47	2100	47.875000000		02/16/2010 21:00	235.72	3.3762	0.39	16.75	0.425	13.26	41.1127	104.7688495	104.807649	2.428635	104.804702	
2010	47	2200	47.916666667		02/16/2010 22:00	235.76	3.3767	0.39	16.74	0.425	13.21	41.1114	104.7692528	104.808052	2.429040	104.805108	
2010	47	2300	47.958333333		02/16/2010 23:00	235.78	3.3770	0.39	16.74	0.425	13.18	41.1107	104.7694544	104.808254	2.429242	104.805310	
2010	47	2400	48.000000000		02/17/2010 0:00	235.99	3.3800	0.39	16.74	0.425	13.14	41.1038	104.7715717	104.810371	2.431369	104.807437	
2010	48	100	48.041666667		02/17/2010 1:00	236.56	3.3880	0.39	16.74	0.425	13.11	41.0849	104.7773186	104.816118	2.437142	104.813210	
2010	48	200	48.083333333		02/17/2010 2:00	237.19	3.3969	0.39	16.74	0.425	13.07	41.0641	104.7836705	104.822470	2.443522	104.819590	
2010	48	300	48.125000000		02/17/2010 3:00	237.63	3.4031	0.39	16.73	0.425	13.04	41.0495	104.7881067	104.826906	2.447979	104.824046	
2010	48	400	48.166666667		02/17/2010 4:00	238.03	3.4087	0.39	16.75	0.425	13.02	41.0363	104.7921396	104.830939	2.452030	104.828097	
2010	48	500	48.208333333		02/17/2010 5:00	238.32	3.4128	0.39	16.75	0.425	12.98	41.0267	104.7950635	104.833863	2.454967	104.831034	
2010	48	600	48.250000000		02/17/2010 6:00	238.4	3.4139	0.39	16.74	0.425	12.95	41.0240	104.7958701	104.834669	2.455777	104.831845	
2010	48	700	48.291666667		02/17/2010 7:00	238.29	3.4123	0.39	16.76	0.425	12.92	41.0277	104.794761	104.833560	2.454663	104.830731	
2010	48	800	48.333333333		02/17/2010 8:00	238.05	3.4090	0.39	16.75	0.425	13.2	41.0356	104.7923413	104.831140	2.452232	104.828300	
2010	48	900	48.375000000		02/17/2010 9:00	237.48	3.4009	0.39	16.74	0.425	13.71	41.0545	104.7865944	104.825394	2.446459	104.822527	
2010	48	1000	48.416666667		02/17/2010 10:00	237.35	3.3991	0.39	16.75	0.425	13.65	41.0588	104.7852837	104.824083	2.445143	104.821211	
2010	48	1100	48.458333333		02/17/2010 11:00	236.96	3.3936	0.39	16.76	0.425	13.62	41.0717	104.7813516	104.820151	2.441193	104.817261	
2010	48	1200	48.500000000		02/17/2010 12:00	236.74	3.3905	0.39	16.75	0.425	13.6	41.0790	104.7791334	104.817933	2.438965	104.815033	
2010	48	1300	48.541666667		02/17/2010 13:00	236.45	3.3864	0.39	16.73	0.425	13.58	41.0886	104.7762096	104.815009	2.436028	104.812096	
2010	48	1400	48.583333333		02/17/2010 14:00	236.05	3.3808	0.39	16.74	0.425	13.56	41.1018	104.7721766	104.810976	2.431977	104.808045	
2010	48	1500	48.625000000		02/17/2010 15:00	235.84	3.3779	0.39	16.75	0.425	13.54	41.1087	104.7700593	104.808859	2.429850	104.805918	
2010	48	1600	48.666666667		02/17/2010 16:00	235.65	3.3752	0.39	16.75	0.425	13.53	41.1150	104.7681437	104.806943	2.427926	104.803994	
2010	48	1700	48.708333333		02/17/2010 17:00	235.98	3.3798	0.39	16.76	0.425	13.55	41.1041	104.7714709	104.810270	2.431268	104.807336	
2010	48	1800	48.750000000		02/17/2010 18:00	236.11	3.3817	0.39	16.75	0.425	13.44	41.0998	104.7727816	104.811581	2.432585	104.808652	
2010	48	1900	48.791666667		02/17/2010 19:00	236.21	3.3831	0.39	16.75	0.425	13.38	41.0965	104.7737898	104.812589	2.433597	104.809665	
2010	48	2000	48.833333333		02/17/2010 20:00	236.26	3.3838	0.39	16.74	0.425	13.32	41.0948	104.7742939	104.813093	2.434104	104.810171	
2010	48	2100	48.875000000		02/17/2010 21:00	236.7	3.3900	0.39	16.74	0.425	13.28	41.0803	104.7787301	104.817529	2.438560	104.814628	
2010	48	2200	48.916666667		02/17/2010 22:00	237.16	3.3964	0.39	16.75	0.425	13.24	41.0651	104.783368	104.822167	2.443219	104.819286	
2010	48	2300	48.958333333		02/17/2010 23:00	237.41	3.4000	0.39	16.74	0.425	13.19	41.0568	104.7858886	104.824688	2.445751	104.821818	
2010	48	2400	49.000000000		02/18/2010 0:00	237.77	3.4050	0.39	16.76	0.425	13.16	41.0449	104.7895182	104.828317	2.449396	104.825464	
2010	49	100	49.041666667		02/18/2010 1:00	238.27	3.4121	0.39	16.76	0.425	13.12	41.0283	104.7945594	104.833359	2.454460	104.830528	
2010	49	200	49.083333333		02/18/2010 2:00	238.7	3.4181	0.39	16.77	0.425	13.09	41.0141	104.7988948	104.837694	2.458815	104.834883	
2010	49	300	49.125000000		02/18/2010 3:00	239.39	3.4278	0.39	16.75	0.425	13.06	40.9913	104.8058516	104.844651	2.465803	104.841871	
2010	49	400	49.166666667		02/18/2010 4:00	239.82	3.4339	0.39	16.74	0.425	13.02	40.9771	104.810187	104.848986	2.470158	104.846226	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	49	500	49.208333333		02/18/2010 5:00	240.13	3.4383	0.39	16.74	0.425	12.99	40.9668	104.8133125	104.852112	2.473298	104.849365	
2010	49	600	49.250000000		02/18/2010 6:00	240.27	3.4402	0.39	16.74	0.425	12.96	40.9622	104.8147241	104.853523	2.474716	104.850783	
2010	49	700	49.291666667		02/18/2010 7:00	240.27	3.4402	0.39	16.77	0.425	12.93	40.9622	104.8147241	104.853523	2.474716	104.850783	
2010	49	800	49.333333333		02/18/2010 8:00	240.1	3.4378	0.39	16.76	0.425	13.85	40.9678	104.8130101	104.851809	2.472994	104.849062	
2010	49	900	49.375000000		02/18/2010 9:00	239.79	3.4335	0.39	16.77	0.425	13.75	40.9781	104.8098845	104.848684	2.469854	104.845922	
2010	49	1000	49.416666667		02/18/2010 10:00	239.72	3.4325	0.39	16.74	0.425	13.66	40.9804	104.8091788	104.847978	2.469145	104.845213	
2010	49	1100	49.458333333		02/18/2010 11:00	239.18	3.4249	0.39	16.75	0.425	13.62	40.9982	104.8037343	104.842534	2.463676	104.839744	
2010	49	1200	49.500000000		02/18/2010 12:00	239.09	3.4236	0.39	16.75	0.425	13.6	41.0012	104.8028269	104.841626	2.462765	104.838833	
2010	49	1300	49.541666667		02/18/2010 13:00	239.22	3.4254	0.39	16.76	0.425	13.58	40.9969	104.8041376	104.842937	2.464082	104.840149	
2010	49	1400	49.583333333		02/18/2010 14:00	239.42	3.4283	0.39	16.76	0.425	13.59	40.9903	104.8061541	104.844953	2.466107	104.842175	
2010	49	1500	49.625000000		02/18/2010 15:00	239.52	3.4297	0.39	16.76	0.425	13.59	40.9870	104.8071623	104.845962	2.467120	104.843188	
2010	49	1600	49.666666667		02/18/2010 16:00	239.85	3.4343	0.39	16.75	0.425	13.61	40.9761	104.8104895	104.849289	2.470462	104.846530	
2010	49	1700	49.708333333		02/18/2010 17:00	240.14	3.4384	0.39	16.75	0.425	13.64	40.9665	104.8134134	104.852213	2.473399	104.849467	
2010	49	1800	49.750000000		02/18/2010 18:00	240.26	3.4401	0.39	16.74	0.425	13.51	40.9625	104.8146232	104.853422	2.474614	104.850682	
2010	49	1900	49.791666667		02/18/2010 19:00	240.53	3.4439	0.39	16.75	0.425	13.43	40.9536	104.8173455	104.856145	2.477349	104.853416	
2010	49	2000	49.833333333		02/18/2010 20:00	240.71	3.4464	0.39	16.74	0.425	13.38	40.9476	104.8191603	104.857959	2.479172	104.855239	
2010	49	2100	49.875000000		02/18/2010 21:00	241.25	3.4540	0.39	16.75	0.425	13.33	40.9298	104.8246047	104.863404	2.484641	104.860708	
2010	49	2200	49.916666667		02/18/2010 22:00	241.91	3.4633	0.39	16.75	0.425	13.29	40.9079	104.8312591	104.870058	2.491325	104.867393	
2010	49	2300	49.958333333		02/18/2010 23:00	242.67	3.4740	0.39	16.75	0.425	13.25	40.8828	104.8389216	104.877721	2.499022	104.875090	
2010	49	2400	50.000000000		02/19/2010 0:00	243.51	3.4858	0.39	16.78	0.425	13.22	40.8550	104.8473908	104.886190	2.507529	104.883597	
2010	50	100	50.041666667		02/19/2010 1:00	244.4	3.4984	0.39	16.77	0.425	13.19	40.8256	104.8563641	104.895163	2.516543	104.892611	
2010	50	200	50.083333333		02/19/2010 2:00	245.16	3.5091	0.39	16.77	0.425	13.15	40.8004	104.8640266	104.902826	2.524240	104.900308	
2010	50	300	50.125000000		02/19/2010 3:00	245.76	3.5175	0.39	16.77	0.425	13.12	40.7806	104.870076	104.908875	2.530316	104.906384	
2010	50	400	50.166666667		02/19/2010 4:00	246.14	3.5229	0.39	16.78	0.425	13.08	40.7680	104.8739073	104.912707	2.534165	104.910233	
2010	50	500	50.208333333		02/19/2010 5:00	246.19	3.5236	0.39	16.76	0.425	13.05	40.7664	104.8744114	104.913211	2.534671	104.910739	
2010	50	600	50.250000000		02/19/2010 6:00	246.25	3.5244	0.39	16.75	0.425	13.03	40.7644	104.8750164	104.913816	2.535279	104.911347	
2010	50	700	50.291666667		02/19/2010 7:00	246.17	3.5233	0.39	16.77	0.425	13.01	40.7670	104.8742098	104.913009	2.534469	104.910536	
2010	50	800	50.333333333		02/19/2010 8:00	245.88	3.5192	0.39	16.76	0.425	13.75	40.7766	104.8712859	104.910085	2.531532	104.907599	
2010	50	900	50.375000000		02/19/2010 9:00	245.55	3.5146	0.39	16.74	0.425	13.69	40.7875	104.8679588	104.906758	2.528190	104.904257	
2010	50	1000	50.416666667		02/19/2010 10:00	245.4	3.5125	0.39	16.75	0.425	13.65	40.7925	104.8664464	104.905246	2.526670	104.902738	
2010	50	1100	50.458333333		02/19/2010 11:00	244.76	3.5034	0.39	16.75	0.425	13.62	40.8137	104.8599937	104.898793	2.520189	104.896256	
2010	50	1200	50.500000000		02/19/2010 12:00	244.56	3.5006	0.39	16.75	0.425	13.6	40.8203	104.8579772	104.896776	2.518163	104.894231	
2010	50	1300	50.541666667		02/19/2010 13:00	244.25	3.4963	0.39	16.76	0.425	13.57	40.8305	104.8548517	104.893651	2.515024	104.891091	
2010	50	1400	50.583333333		02/19/2010 14:00	243.96	3.4922	0.39	16.76	0.425	13.55	40.8401	104.8519279	104.890727	2.512087	104.888154	
2010	50	1500	50.625000000		02/19/2010 15:00	243.52	3.4860	0.39	16.76	0.425	13.55	40.8547	104.8474916	104.886291	2.507630	104.883698	
2010	50	1600	50.666666667		02/19/2010 16:00	243.27	3.4825	0.39	16.76	0.425	13.54	40.8630	104.844971	104.883770	2.505099	104.881166	
2010	50	1700	50.708333333		02/19/2010 17:00	243.25	3.4822	0.39	16.77	0.425	13.57	40.8636	104.8447694	104.883569	2.504896	104.880964	
2010	50	1800	50.750000000		02/19/2010 18:00	243.13	3.4805	0.39	16.76	0.425	13.46	40.8676	104.8435595	104.882359	2.503681	104.879748	
2010	50	1900	50.791666667		02/19/2010 19:00	242.97	3.4782	0.39	16.75	0.425	13.39	40.8729	104.8419463	104.880746	2.502060	104.878128	
2010	50	2000	50.833333333		02/19/2010 20:00	243	3.4787	0.39	16.75	0.425	13.34	40.8719	104.8422488	104.881048	2.502364	104.878432	
2010	50	2100	50.875000000		02/19/2010 21:00	243.16	3.4809	0.39	16.75	0.425	13.3	40.8666	104.843862	104.882661	2.503985	104.880052	
2010	50	2200	50.916666667		02/19/2010 22:00	243.34	3.4834	0.39	16.77	0.425	13.25	40.8606	104.8456768	104.884476	2.505807	104.881875	
2010	50	2300	50.958333333		02/19/2010 23:00	243.82	3.4902	0.39	16.77	0.425	13.21	40.8448	104.8505163	104.889316	2.510669	104.886736	
2010	50	2400	51.000000000		02/20/2010 0:00	244.31	3.4971	0.39	16.76	0.425	13.17	40.8286	104.8554567	104.894256	2.515631	104.891699	
2010	51	100	51.041666667		02/20/2010 1:00	244.78	3.5037	0.39	16.76	0.425	13.14	40.8130	104.8601954	104.898995	2.520391	104.896459	
2010	51	200	51.083333333		02/20/2010 2:00	245.15	3.5089	0.39	16.76	0.425	13.11	40.8008	104.8639258	104.902725	2.524139	104.900206	
2010	51	300	51.125000000		02/20/2010 3:00	245.92	3.5198	0.39	16.77	0.425	13.08	40.7753	104.8716892	104.910488	2.531937	104.908005	
2010	51	400	51.166666667		02/20/2010 4:00	246.27	3.5247	0.39	16.76	0.425	13.05	40.7637	104.875218	104.914017	2.535482	104.911549	
2010	51	500	51.208333333		02/20/2010 5:00	246.66	3.5302	0.39	16.77	0.425	13.02	40.7508	104.8791501	104.917949	2.539431	104.915499	
2010	51	600	51.250000000		02/20/2010 6:00	246.86	3.5330	0.39	16.76	0.425	12.99	40.7442	104.8811666	104.919966	2.541457	104.917525	
2010	51	700	51.291666667		02/20/2010 7:00	246.94	3.5341	0.39	16.77	0.425	12.96	40.7416	104.8819732	104.920772	2.542267	104.918335	
2010	51	800	51.333333333		02/20/2010 8:00	246.95	3.5343	0.39	16.78	0.425	13.89	40.7412	104.882074	104.920873	2.542368	104.918436	
2010	51	900	51.375000000		02/20/2010 9:00	247.04	3.5355	0.39	16.77	0.425	13.86	40.7382	104.8829814	104.921781	2.543280	104.919348	
2010	51	1000	51.416666667		02/20/2010 10:00	247.1	3.5364	0.39	16.77	0.425	13.75	40.7363	104.8835864	104.922386	2.543887	104.919955	
2010	51	1100	51.458333333		02/20/2010 11:00	246.81	3.5323	0.39	16.75	0.425	13.66	40.7459	104.8806625	104.919462	2.540950	104.917018	
2010	51	1200	51.500000000		02/20/2010 12:00	246.88	3.5333	0.39	16.75	0.425	13.61	40.7435	104.8813682	104.920167	2.541659	104.917727	
2010	51	1300	51.541666667		02/20/2010 13:00	247.31	3.5393	0.39	16.76	0.425	13.57	40.7293	104.8857036	104.924503	2.546014	104.922082	
2010	51	1400	51.583333333		02/20/2010 14:00	246.47	3.5275	0.39	16.76	0.425	13.57	40.7571	104.8772345	104.916034	2.537507	104.913575	
2010	51	1500	51.625000000		02/20/2010 15:00	245.91	3.5196	0.39	16.76	0.425	13.54	40.7756	104.8715884	104.910388	2.531836	104.907903	
2010	51	1600	51.666666667		02/20/2010 16:00	245.62	3.5155	0.39	16.77	0.425	13.55	40.7852	104.8686645	104.907464	2.528899	104.904966	
2010	51	1700	51.708333333		02/20/2010 17:00	246.04	3.5215	0.39	16.77	0.425	13.56	40.7713	104.8728991	104.911698	2.533152	104.909220	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	51	1800	51.750000000		02/20/2010 18:00	246.05	3.5216	0.39	16.74	0.425	13.46	40.7710	104.8729999	104.911799	2.533253	104.909321	
2010	51	1900	51.791666667		02/20/2010 19:00	245.95	3.5202	0.39	16.76	0.425	13.38	40.7743	104.8719917	104.910791	2.532241	104.908308	
2010	51	2000	51.833333333		02/20/2010 20:00	245.83	3.5185	0.39	16.76	0.425	13.32	40.7783	104.8707818	104.909581	2.531025	104.907093	
2010	51	2100	51.875000000		02/20/2010 21:00	245.77	3.5177	0.39	16.77	0.425	13.29	40.7803	104.8701769	104.908976	2.530418	104.906485	
2010	51	2200	51.916666667		02/20/2010 22:00	245.53	3.5143	0.39	16.77	0.425	13.24	40.7882	104.8677571	104.906556	2.527987	104.904055	
2010	51	2300	51.958333333		02/20/2010 23:00	245.44	3.5130	0.39	16.77	0.425	13.21	40.7912	104.8668497	104.905649	2.527076	104.903143	
2010	51	2400	52.000000000		02/21/2010 0:00	245.35	3.5117	0.39	16.74	0.425	13.16	40.7942	104.8659423	104.904741	2.526164	104.902232	
2010	52	100	52.041666667		02/21/2010 1:00	245.57	3.5148	0.39	16.76	0.425	13.13	40.7869	104.8681604	104.906960	2.528392	104.904460	
2010	52	200	52.083333333		02/21/2010 2:00	245.83	3.5185	0.39	16.76	0.425	13.1	40.7783	104.8707818	104.909581	2.531025	104.907093	
2010	52	300	52.125000000		02/21/2010 3:00	246.3	3.5251	0.39	16.76	0.425	13.07	40.7627	104.8755205	104.914320	2.535785	104.911853	
2010	52	400	52.166666667		02/21/2010 4:00	246.55	3.5286	0.39	16.77	0.425	13.04	40.7545	104.8780411	104.916840	2.538317	104.914385	
2010	52	500	52.208333333		02/21/2010 5:00	246.99	3.5348	0.39	16.76	0.425	13	40.7399	104.8824773	104.921277	2.542773	104.918841	
2010	52	600	52.250000000		02/21/2010 6:00	247.18	3.5375	0.39	16.78	0.425	12.97	40.7336	104.8843929	104.923192	2.544698	104.920765	
2010	52	700	52.291666667		02/21/2010 7:00	247.11	3.5365	0.39	16.77	0.425	12.94	40.7359	104.8836872	104.922486	2.543989	104.920056	
2010	52	800	52.333333333		02/21/2010 8:00	246.95	3.5343	0.39	16.76	0.425	13.88	40.7412	104.882074	104.920873	2.542368	104.918436	
2010	52	900	52.375000000		02/21/2010 9:00	246.83	3.5326	0.39	16.77	0.425	13.78	40.7452	104.8808641	104.919663	2.541153	104.917221	
2010	52	1000	52.416666667		02/21/2010 10:00	246.88	3.5333	0.39	16.75	0.425	13.71	40.7435	104.8813682	104.920167	2.541659	104.917727	
2010	52	1100	52.458333333		02/21/2010 11:00	246.23	3.5241	0.39	16.77	0.425	13.66	40.7650	104.8748147	104.913614	2.535076	104.911144	
2010	52	1200	52.500000000		02/21/2010 12:00	246.25	3.5244	0.39	16.76	0.425	13.62	40.7644	104.8750164	104.913816	2.535279	104.911347	
2010	52	1300	52.541666667		02/21/2010 13:00	246.11	3.5224	0.39	16.76	0.425	13.59	40.7690	104.8736049	104.912404	2.533861	104.909929	
2010	52	1400	52.583333333		02/21/2010 14:00	245.95	3.5202	0.39	16.75	0.425	13.57	40.7743	104.8719917	104.910791	2.532241	104.908308	
2010	52	1500	52.625000000		02/21/2010 15:00	245.45	3.5132	0.39	16.76	0.425	13.56	40.7908	104.8669505	104.905750	2.527177	104.903245	
2010	52	1600	52.666666667		02/21/2010 16:00	245.33	3.5115	0.39	16.77	0.425	13.55	40.7948	104.8657406	104.904540	2.525962	104.902029	
2010	52	1700	52.708333333		02/21/2010 17:00	245.13	3.5086	0.39	16.76	0.425	13.56	40.8014	104.8637242	104.902523	2.523936	104.900004	
2010	52	1800	52.750000000		02/21/2010 18:00	245.17	3.5092	0.39	16.76	0.425	13.48	40.8001	104.8641275	104.902927	2.524341	104.900409	
2010	52	1900	52.791666667		02/21/2010 19:00	244.89	3.5053	0.389	16.75	0.424	13.41	40.8094	104.8613044	104.900104	2.521505	104.897573	
2010	52	2000	52.833333333		02/21/2010 20:00	244.7	3.5026	0.39	16.76	0.425	13.34	40.8157	104.8593888	104.898188	2.519581	104.895649	
2010	52	2100	52.875000000		02/21/2010 21:00	244.34	3.4975	0.39	16.75	0.425	13.31	40.8276	104.8557591	104.894558	2.515935	104.892003	
2010	52	2200	52.916666667		02/21/2010 22:00	244.19	3.4954	0.39	16.76	0.425	13.26	40.8325	104.8542468	104.893046	2.514416	104.890484	
2010	52	2300	52.958333333		02/21/2010 23:00	243.98	3.4925	0.39	16.75	0.425	13.23	40.8395	104.8521295	104.890929	2.512289	104.888357	
2010	52	2400	53.000000000		02/22/2010 0:00	243.83	3.4903	0.39	16.78	0.425	13.19	40.8444	104.8506171	104.889416	2.510770	104.886838	
2010	53	100	53.041666667		02/22/2010 1:00	243.91	3.4915	0.39	16.75	0.425	13.16	40.8418	104.8514237	104.890223	2.511580	104.887648	
2010	53	200	53.083333333		02/22/2010 2:00	244.1	3.4941	0.39	16.77	0.425	13.13	40.8355	104.8533394	104.892139	2.513505	104.889572	
2010	53	300	53.125000000		02/22/2010 3:00	244.47	3.4994	0.39	16.75	0.425	13.1	40.8233	104.8570698	104.895869	2.517252	104.893319	
2010	53	400	53.166666667		02/22/2010 4:00	244.85	3.5047	0.39	16.77	0.425	13.07	40.8107	104.8609011	104.899700	2.521100	104.897168	
2010	53	500	53.208333333		02/22/2010 5:00	245.05	3.5075	0.39	16.76	0.425	13.03	40.8041	104.8629176	104.901717	2.523126	104.899193	
2010	53	600	53.250000000		02/22/2010 6:00	245.11	3.5084	0.39	16.77	0.425	12.99	40.8021	104.8635225	104.902322	2.523733	104.899801	
2010	53	700	53.291666667		02/22/2010 7:00	245.24	3.5102	0.39	16.77	0.425	12.97	40.7978	104.8648332	104.903632	2.525050	104.901118	
2010	53	800	53.333333333		02/22/2010 8:00	244.95	3.5061	0.39	16.75	0.425	13.83	40.8074	104.8619094	104.900709	2.522113	104.898181	
2010	53	900	53.375000000		02/22/2010 9:00	244.53	3.5002	0.39	16.75	0.425	13.76	40.8213	104.8576748	104.896474	2.517859	104.893927	
2010	53	1000	53.416666667		02/22/2010 10:00	244.13	3.4946	0.39	16.77	0.425	13.7	40.8345	104.8536418	104.892441	2.513808	104.889876	
2010	53	1100	53.458333333		02/22/2010 11:00	243.69	3.4884	0.39	16.75	0.425	13.65	40.8491	104.8492056	104.888005	2.509352	104.885420	
2010	53	1200	53.500000000		02/22/2010 12:00	243.59	3.4870	0.39	16.75	0.425	13.6	40.8524	104.8481974	104.886997	2.508339	104.884407	
2010	53	1300	53.541666667		02/22/2010 13:00	243.31	3.4830	0.39	16.75	0.425	13.58	40.8616	104.8453743	104.884174	2.505504	104.881571	
2010	53	1400	53.583333333		02/22/2010 14:00	243.18	3.4812	0.39	16.76	0.425	13.56	40.8659	104.8440636	104.882863	2.504187	104.880255	
2010	53	1500	53.625000000		02/22/2010 15:00	243.08	3.4798	0.39	16.76	0.425	13.54	40.8692	104.8430554	104.881855	2.503174	104.879242	
2010	53	1600	53.666666667		02/22/2010 16:00	243.27	3.4825	0.39	16.77	0.425	13.51	40.8630	104.844971	104.883770	2.505099	104.881166	
2010	53	1700	53.708333333		02/22/2010 17:00	243.88	3.4911	0.39	16.77	0.424	13.53	40.8428	104.8511213	104.889920	2.511276	104.887344	
2010	53	1800	53.750000000		02/22/2010 18:00	244.1	3.4941	0.39	16.76	0.425	13.41	40.8355	104.8533394	104.892139	2.513505	104.889572	
2010	53	1900	53.791666667		02/22/2010 19:00	244.38	3.4981	0.39	16.76	0.425	13.35	40.8262	104.8561624	104.894962	2.516340	104.892408	
2010	53	2000	53.833333333		02/22/2010 20:00	244.83	3.5044	0.39	16.76	0.425	13.3	40.8114	104.8606995	104.899499	2.520898	104.896965	
2010	53	2100	53.875000000		02/22/2010 21:00	245.53	3.5143	0.39	16.77	0.425	13.25	40.7882	104.8677571	104.906556	2.527987	104.904055	
2010	53	2200	53.916666667		02/22/2010 22:00	246.17	3.5233	0.39	16.78	0.425	13.21	40.7670	104.8742098	104.913009	2.534469	104.910536	
2010	53	2300	53.958333333		02/22/2010 23:00	246.95	3.5343	0.39	16.77	0.425	13.17	40.7412	104.882074	104.920873	2.542368	104.918436	
2010	53	2400	54.000000000		02/23/2010 0:00	247.7	3.5448	0.39	16.76	0.425	13.14	40.7164	104.8896358	104.928435	2.549964	104.926032	
2010	54	100	54.041666667		02/23/2010 1:00	248.4	3.5547	0.39	16.77	0.424	13.1	40.6933	104.8966934	104.935493	2.557053	104.933121	
2010	54	200	54.083333333		02/23/2010 2:00	249.27	3.5669	0.389	16.76	0.424	13.07	40.6645	104.905465	104.944264	2.565864	104.941932	
2010	54	300	54.125000000		02/23/2010 3:00	250.16	3.5795	0.389	16.76	0.424	13.04	40.6350	104.9144383	104.953237	2.574878	104.950946	
2010	54	400	54.166666667		02/23/2010 4:00	251.01	3.5914	0.389	16.77	0.424	13.01	40.6069	104.9230083	104.961807	2.583487	104.959554	
2010	54	500	54.208333333		02/23/2010 5:00	251.62	3.6000	0.389	16.77	0.424	12.97	40.5868	104.9291585	104.967958	2.589664	104.965732	
2010	54	600	54.250000000		02/23/2010 6:00	251.94	3.6045	0.39	16.77	0.424	12.94	40.5762	104.9323848	104.971184	2.592905	104.968973	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	700	54.291666667		02/23/2010 7:00	251.98	3.6051	0.39	16.77	0.424	12.96	40.5748	104.9327881	104.971587	2.593310	104.969378	
2010	54	800	54.333333333		02/23/2010 8:00	251.77	3.6021	0.39	16.77	0.424	13.93	40.5818	104.9306708	104.969470	2.591184	104.967251	
2010	54	900	54.375000000		02/23/2010 9:00	251.41	3.5971	0.39	16.78	0.425	13.82	40.5937	104.9270412	104.965840	2.587538	104.963605	
2010	54	1000	54.416666667		02/23/2010 10:00	251.24	3.5947	0.39	16.76	0.425	13.74	40.5993	104.9253272	104.964126	2.585816	104.961884	
2010	54	1100	54.458333333		02/23/2010 11:00	250.82	3.5888	0.39	16.76	0.425	13.7	40.6132	104.9210926	104.959892	2.581562	104.957630	
2010	54	1200	54.500000000		02/23/2010 12:00	250.41	3.5830	0.39	16.76	0.425	13.65	40.6268	104.9169589	104.955758	2.577410	104.953478	
2010	54	1300	54.541666667		02/23/2010 13:00	249.97	3.5768	0.39	16.76	0.425	13.63	40.6413	104.9125226	104.951322	2.572954	104.949022	
2010	54	1400	54.583333333		02/23/2010 14:00	250.01	3.5774	0.39	16.77	0.425	13.6	40.6400	104.9129259	104.951725	2.573359	104.949427	
2010	54	1500	54.625000000		02/23/2010 15:00	250.15	3.5793	0.39	16.75	0.425	13.6	40.6354	104.9143375	104.953137	2.574777	104.950845	
2010	54	1600	54.666666667		02/23/2010 16:00	250.62	3.5859	0.39	16.76	0.425	13.6	40.6198	104.9190762	104.957875	2.579537	104.955605	
2010	54	1700	54.708333333		02/23/2010 17:00	251.11	3.5928	0.39	16.77	0.425	13.61	40.6036	104.9240165	104.962816	2.584499	104.960567	
2010	54	1800	54.750000000		02/23/2010 18:00	251.57	3.5993	0.39	16.77	0.425	13.49	40.5884	104.9286544	104.967454	2.589158	104.965226	
2010	54	1900	54.791666667		02/23/2010 19:00	252.12	3.6071	0.39	16.75	0.425	13.41	40.5702	104.9341996	104.972999	2.594728	104.970796	
2010	54	2000	54.833333333		02/23/2010 20:00	252.72	3.6155	0.39	16.78	0.424	13.36	40.5504	104.940249	104.979048	2.600805	104.976873	
2010	54	2100	54.875000000		02/23/2010 21:00	253.25	3.6230	0.389	16.77	0.424	13.32	40.5328	104.9455927	104.984392	2.606173	104.982240	
2010	54	2200	54.916666667		02/23/2010 22:00	253.87	3.6317	0.39	16.75	0.425	13.28	40.5123	104.9518437	104.990643	2.612452	104.988519	
2010	54	2300	54.958333333		02/23/2010 23:00	254.54	3.6411	0.389	16.75	0.424	13.24	40.4902	104.9585989	104.997398	2.619237	104.995305	
2010	54	2400	55.000000000		02/24/2010 0:00	255.16	3.6499	0.389	16.76	0.424	13.2	40.4697	104.9648499	105.003649	2.625516	105.001584	
2010	55	100	55.041666667		02/24/2010 1:00	255.8	3.6589	0.389	16.77	0.424	13.17	40.4485	104.9713026	105.010102	2.631998	105.008066	
2010	55	200	55.083333333		02/24/2010 2:00	256.43	3.6677	0.389	16.76	0.424	13.13	40.4276	104.9776545	105.016454	2.638378	105.014446	
2010	55	300	55.125000000		02/24/2010 3:00	256.96	3.6752	0.389	16.76	0.424	13.09	40.4101	104.9829981	105.021797	2.643746	105.019814	
2010	55	400	55.166666667		02/24/2010 4:00	257.33	3.6804	0.389	16.76	0.424	13.06	40.3979	104.9867286	105.025528	2.647493	105.023561	
2010	55	500	55.208333333		02/24/2010 5:00	257.54	3.6834	0.389	16.76	0.424	13.02	40.3909	104.9888459	105.027645	2.649620	105.025688	
2010	55	600	55.250000000		02/24/2010 6:00	257.58	3.6839	0.389	16.76	0.424	13	40.3896	104.9892492	105.028048	2.650025	105.026093	
2010	55	700	55.291666667		02/24/2010 7:00	257.48	3.6825	0.389	16.76	0.424	12.97	40.3929	104.9882409	105.027040	2.649013	105.025080	
2010	55	800	55.333333333		02/24/2010 8:00	257.28	3.6797	0.389	16.75	0.424	13.05	40.3995	104.9862245	105.025024	2.646987	105.023055	
2010	55	900	55.375000000		02/24/2010 9:00	256.97	3.6753	0.39	16.75	0.425	13.69	40.4098	104.9830989	105.021898	2.643847	105.019915	
2010	55	1000	55.416666667		02/24/2010 10:00	256.79	3.6728	0.389	16.75	0.424	13.66	40.4157	104.9812841	105.020083	2.642024	105.018092	
2010	55	1100	55.458333333		02/24/2010 11:00	256.43	3.6677	0.389	16.77	0.424	13.6	40.4276	104.9776545	105.016454	2.638378	105.014446	
2010	55	1200	55.500000000		02/24/2010 12:00	256.41	3.6675	0.389	16.77	0.424	13.56	40.4283	104.9774528	105.016252	2.638176	105.014244	
2010	55	1300	55.541666667		02/24/2010 13:00	256.55	3.6694	0.39	16.77	0.424	13.52	40.4237	104.9788644	105.017664	2.639594	105.015662	
2010	55	1400	55.583333333		02/24/2010 14:00	256.55	3.6694	0.39	16.76	0.425	13.49	40.4237	104.9788644	105.017664	2.639594	105.015662	
2010	55	1500	55.625000000		02/24/2010 15:00	256.45	3.6680	0.39	16.76	0.424	13.48	40.4270	104.9778561	105.016655	2.638581	105.014649	
2010	55	1600	55.666666667		02/24/2010 16:00	256.15	3.6638	0.389	16.76	0.424	13.49	40.4369	104.9748314	105.013631	2.635543	105.011610	
2010	55	1700	55.708333333		02/24/2010 17:00	256.21	3.6646	0.39	16.77	0.425	13.51	40.4349	104.9754364	105.014236	2.636150	105.012218	
2010	55	1800	55.750000000		02/24/2010 18:00	255.95	3.6610	0.39	16.76	0.424	13.39	40.4435	104.972815	105.011614	2.633517	105.009585	
2010	55	1900	55.791666667		02/24/2010 19:00	255.62	3.6563	0.39	16.78	0.424	13.33	40.4544	104.9694878	105.008287	2.630175	105.006243	
2010	55	2000	55.833333333		02/24/2010 20:00	255.26	3.6513	0.389	16.77	0.424	13.28	40.4663	104.9658582	105.004657	2.626529	105.002597	
2010	55	2100	55.875000000		02/24/2010 21:00	255	3.6476	0.389	16.76	0.424	13.23	40.4749	104.9632368	105.002036	2.623896	104.999964	
2010	55	2200	55.916666667		02/24/2010 22:00	254.64	3.6425	0.389	16.75	0.424	13.19	40.4869	104.9596071	104.998406	2.620250	104.996318	
2010	55	2300	55.958333333		02/24/2010 23:00	254.36	3.6386	0.389	16.76	0.424	13.15	40.4961	104.9567841	104.995583	2.617414	104.993482	
2010	55	2400	56.000000000		02/25/2010 0:00	253.83	3.6311	0.389	16.75	0.424	13.11	40.5136	104.9514404	104.990240	2.612047	104.988114	
2010	56	100	56.041666667		02/25/2010 1:00	253.54	3.6271	0.389	16.76	0.424	13.08	40.5232	104.9485166	104.987316	2.609110	104.985177	
2010	56	200	56.083333333		02/25/2010 2:00	253.36	3.6245	0.389	16.76	0.424	13.04	40.5292	104.9467017	104.985501	2.607287	104.983354	
2010	56	300	56.125000000		02/25/2010 3:00	253.15	3.6216	0.389	16.75	0.424	13.01	40.5361	104.9445844	104.983384	2.605160	104.981227	
2010	56	400	56.166666667		02/25/2010 4:00	252.91	3.6182	0.389	16.76	0.424	12.98	40.5441	104.9421647	104.980964	2.602729	104.978797	
2010	56	500	56.208333333		02/25/2010 5:00	252.8	3.6166	0.389	16.76	0.424	12.94	40.5477	104.9410556	104.979855	2.601615	104.977683	
2010	56	600	56.250000000		02/25/2010 6:00	252.53	3.6128	0.389	16.77	0.424	12.9	40.5566	104.9383334	104.977133	2.598881	104.974948	
2010	56	700	56.291666667		02/25/2010 7:00	252.35	3.6103	0.389	16.75	0.424	12.94	40.5626	104.9365186	104.975318	2.597058	104.973125	
2010	56	800	56.333333333		02/25/2010 8:00	251.96	3.6048	0.389	16.75	0.424	13.64	40.5755	104.9325865	104.971386	2.593108	104.969176	
2010	56	900	56.375000000		02/25/2010 9:00	251.84	3.6031	0.389	16.76	0.424	13.6	40.5795	104.9313766	104.970176	2.591893	104.967960	
2010	56	1000	56.416666667		02/25/2010 10:00	251.78	3.6023	0.389	16.75	0.424	13.56	40.5815	104.9307717	104.969571	2.591285	104.967353	
2010	56	1100	56.458333333		02/25/2010 11:00	251.36	3.5964	0.389	16.76	0.424	13.53	40.5954	104.9265371	104.965336	2.587031	104.963099	
2010	56	1200	56.500000000		02/25/2010 12:00	250.92	3.5902	0.389	16.76	0.424	13.49	40.6099	104.9221009	104.960900	2.582575	104.958643	
2010	56	1300	56.541666667		02/25/2010 13:00	251.32	3.5958	0.389	16.75	0.424	13.45	40.5967	104.9261338	104.964933	2.586626	104.962694	
2010	56	1400	56.583333333		02/25/2010 14:00	250.86	3.5893	0.389	16.75	0.424	13.45	40.6119	104.9214959	104.960295	2.581967	104.958035	
2010	56	1500	56.625000000		02/25/2010 15:00	251.04	3.5919	0.389	16.73	0.424	13.43	40.6059	104.9233107	104.962110	2.583790	104.959858	
2010	56	1600	56.666666667		02/25/2010 16:00	250.41	3.5830	0.389	16.76	0.424	13.43	40.6268	104.9169589	104.955758	2.577410	104.953478	
2010	56	1700	56.708333333		02/25/2010 17:00	250.85	3.5892	0.389	16.74	0.424	13.47	40.6122	104.9213951	104.960194	2.581866	104.957934	
2010	56	1800	56.750000000		02/25/2010 18:00	250.68	3.5868	0.389	16.75	0.424	13.35	40.6178	104.9196811	104.958480	2.580144	104.956212	
2010	56	1900	56.791666667		02/25/2010 19:00	250.51	3.5844	0.389	16.76	0.424	13.29	40.6235	104.9179671	104.956766	2.578423	104.954490	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	56	2000	56.833333333		02/25/2010 20:00	250.55	3.5850	0.389	16.76	0.424	13.24	40.6221	104.9183704	104.957170	2.578828	104.954896	
2010	56	2100	56.875000000		02/25/2010 21:00	250.79	3.5883	0.389	16.76	0.424	13.19	40.6142	104.9207902	104.959589	2.581259	104.957326	
2010	56	2200	56.916666667		02/25/2010 22:00	251.01	3.5914	0.389	16.76	0.424	13.15	40.6069	104.9230083	104.961807	2.583487	104.959554	
2010	56	2300	56.958333333		02/25/2010 23:00	251.33	3.5959	0.389	16.75	0.424	13.11	40.5963	104.9262346	104.965034	2.586727	104.962795	
2010	56	2400	57.000000000		02/26/2010 0:00	251.81	3.6027	0.389	16.75	0.424	13.08	40.5805	104.9310741	104.969873	2.591589	104.967656	
2010	57	100	57.041666667		02/26/2010 1:00	252.14	3.6073	0.389	16.75	0.424	13.05	40.5695	104.9344013	104.973201	2.594931	104.970999	
2010	57	200	57.083333333		02/26/2010 2:00	252.56	3.6133	0.389	16.76	0.424	13.02	40.5557	104.9386359	104.977435	2.599184	104.975252	
2010	57	300	57.125000000		02/26/2010 3:00	252.91	3.6182	0.389	16.75	0.424	12.98	40.5441	104.9421647	104.980964	2.602729	104.978797	
2010	57	400	57.166666667		02/26/2010 4:00	253.19	3.6221	0.389	16.75	0.424	12.96	40.5348	104.9449877	104.983787	2.605565	104.981633	
2010	57	500	57.208333333		02/26/2010 5:00	253.37	3.6247	0.389	16.75	0.424	12.92	40.5289	104.9468026	104.985602	2.607388	104.983456	
2010	57	600	57.250000000		02/26/2010 6:00	253.34	3.6242	0.389	16.75	0.424	12.9	40.5299	104.9465001	104.985299	2.607084	104.983152	
2010	57	700	57.291666667		02/26/2010 7:00	253.27	3.6233	0.389	16.75	0.424	12.87	40.5322	104.9457943	104.984594	2.606375	104.982443	
2010	57	800	57.333333333		02/26/2010 8:00	253.01	3.6196	0.389	16.75	0.424	12.85	40.5408	104.9431729	104.981972	2.603742	104.979810	
2010	57	900	57.375000000		02/26/2010 9:00	252.69	3.6151	0.389	16.76	0.424	13.17	40.5514	104.9399466	104.978746	2.600501	104.976569	
2010	57	1000	57.416666667		02/26/2010 10:00	252.23	3.6086	0.389	16.77	0.424	13.68	40.5666	104.9353087	104.974108	2.595842	104.971910	
2010	57	1100	57.458333333		02/26/2010 11:00	251.82	3.6028	0.389	16.75	0.424	13.66	40.5801	104.9311749	104.969974	2.591690	104.967758	
2010	57	1200	57.500000000		02/26/2010 12:00	251.49	3.5982	0.389	16.76	0.424	13.67	40.5911	104.9278478	104.966647	2.588348	104.964416	
2010	57	1300	57.541666667		02/26/2010 13:00	251.21	3.5942	0.389	16.75	0.424	13.66	40.6003	104.9250247	104.963824	2.585512	104.961580	
2010	57	1400	57.583333333		02/26/2010 14:00	250.88	3.5896	0.389	16.76	0.424	13.67	40.6112	104.9216976	104.960497	2.582170	104.958238	
2010	57	1500	57.625000000		02/26/2010 15:00	250.53	3.5847	0.389	16.75	0.424	13.65	40.6228	104.9181687	104.956968	2.578625	104.954693	
2010	57	1600	57.666666667		02/26/2010 16:00	250.23	3.5805	0.389	16.76	0.424	13.63	40.6327	104.915144	104.953943	2.575587	104.951655	
2010	57	1700	57.708333333		02/26/2010 17:00	249.86	3.5752	0.389	16.75	0.424	13.51	40.6450	104.9114136	104.950213	2.571840	104.947908	
2010	57	1800	57.750000000		02/26/2010 18:00	249.6	3.5716	0.389	16.75	0.424	13.45	40.6536	104.9087922	104.947591	2.569207	104.945274	
2010	57	1900	57.791666667		02/26/2010 19:00	249.44	3.5693	0.389	16.75	0.424	13.39	40.6589	104.907179	104.945978	2.567586	104.943654	
2010	57	2000	57.833333333		02/26/2010 20:00	249.48	3.5699	0.389	16.75	0.424	13.34	40.6575	104.9075823	104.946382	2.567991	104.944059	
2010	57	2100	57.875000000		02/26/2010 21:00	249.58	3.5713	0.389	16.75	0.424	13.3	40.6542	104.9085905	104.947390	2.569004	104.945072	
2010	57	2200	57.916666667		02/26/2010 22:00	249.78	3.5741	0.389	16.76	0.424	13.25	40.6476	104.910607	104.949406	2.571030	104.947097	
2010	57	2300	57.958333333		02/26/2010 23:00	249.96	3.5767	0.389	16.76	0.424	13.22	40.6417	104.9124218	104.951221	2.572853	104.948920	
2010	57	2400	58.000000000		02/27/2010 0:00	250.07	3.5782	0.389	16.76	0.424	13.18	40.6380	104.9135309	104.952330	2.573967	104.950034	
2010	58	100	58.041666667		02/27/2010 1:00	250.09	3.5785	0.389	16.76	0.424	13.14	40.6374	104.9137325	104.952532	2.574169	104.950237	
2010	58	200	58.083333333		02/27/2010 2:00	250.04	3.5778	0.389	16.76	0.424	13.11	40.6390	104.9132284	104.952028	2.573663	104.949730	
2010	58	300	58.125000000		02/27/2010 3:00	250.08	3.5783	0.389	16.78	0.424	13.07	40.6377	104.9136317	104.952431	2.574068	104.950136	
2010	58	400	58.166666667		02/27/2010 4:00	249.89	3.5757	0.389	16.75	0.424	13.04	40.6440	104.9117161	104.950515	2.572144	104.948211	
2010	58	500	58.208333333		02/27/2010 5:00	249.84	3.5750	0.389	16.75	0.424	13.01	40.6456	104.9112119	104.950011	2.571637	104.947705	
2010	58	600	58.250000000		02/27/2010 6:00	249.77	3.5740	0.389	16.76	0.424	12.98	40.6479	104.9105062	104.949305	2.570928	104.946996	
2010	58	700	58.291666667		02/27/2010 7:00	249.4	3.5688	0.389	16.77	0.424	12.95	40.6602	104.9067757	104.945575	2.567181	104.943249	
2010	58	800	58.333333333		02/27/2010 8:00	249.18	3.5657	0.389	16.77	0.424	13.78	40.6675	104.9045576	104.943357	2.564953	104.941021	
2010	58	900	58.375000000		02/27/2010 9:00	248.94	3.5623	0.389	16.77	0.424	13.76	40.6754	104.9021378	104.940937	2.562522	104.938590	
2010	58	1000	58.416666667		02/27/2010 10:00	248.47	3.5557	0.389	16.77	0.424	13.7	40.6909	104.8973991	104.936198	2.557762	104.933830	
2010	58	1100	58.458333333		02/27/2010 11:00	247.94	3.5482	0.389	16.75	0.424	13.64	40.7085	104.8920555	104.930855	2.552395	104.928462	
2010	58	1200	58.500000000		02/27/2010 12:00	247.7	3.5448	0.389	16.75	0.424	13.58	40.7164	104.8896358	104.928435	2.549964	104.926032	
2010	58	1300	58.541666667		02/27/2010 13:00	247.64	3.5440	0.389	16.76	0.424	13.53	40.7184	104.8890308	104.927830	2.549356	104.925424	
2010	58	1400	58.583333333		02/27/2010 14:00	247.26	3.5386	0.389	16.73	0.424	13.48	40.7310	104.8851995	104.923999	2.545508	104.921576	
2010	58	1500	58.625000000		02/27/2010 15:00	246.67	3.5303	0.389	16.75	0.424	13.45	40.7505	104.879251	104.918050	2.539533	104.915600	
2010	58	1600	58.666666667		02/27/2010 16:00	246.21	3.5239	0.39	16.77	0.424	13.43	40.7657	104.8746131	104.913412	2.534874	104.910942	
2010	58	1700	58.708333333		02/27/2010 17:00	246.1	3.5223	0.39	16.75	0.425	13.43	40.7693	104.873504	104.912303	2.533760	104.909828	
2010	58	1800	58.750000000		02/27/2010 18:00	245.97	3.5205	0.389	16.77	0.424	13.37	40.7736	104.8721933	104.910993	2.532443	104.908511	
2010	58	1900	58.791666667		02/27/2010 19:00	245.44	3.5130	0.389	16.76	0.424	13.3	40.7912	104.8668497	104.905649	2.527076	104.903143	
2010	58	2000	58.833333333		02/27/2010 20:00	245.05	3.5075	0.389	16.77	0.424	13.24	40.8041	104.8629176	104.901717	2.523126	104.899193	
2010	58	2100	58.875000000		02/27/2010 21:00	244.66	3.5020	0.389	16.75	0.424	13.2	40.8170	104.8589855	104.897785	2.519176	104.895244	
2010	58	2200	58.916666667		02/27/2010 22:00	244.34	3.4975	0.389	16.75	0.424	13.16	40.8276	104.8557591	104.894558	2.515935	104.892003	
2010	58	2300	58.958333333		02/27/2010 23:00	244.31	3.4971	0.389	16.75	0.424	13.12	40.8286	104.8554567	104.894256	2.515631	104.891699	
2010	58	2400	59.000000000		02/28/2010 0:00	244.43	3.4988	0.389	16.78	0.424	13.09	40.8246	104.8566665	104.895466	2.516847	104.892914	
2010	59	100	59.041666667		02/28/2010 1:00	244.7	3.5026	0.389	16.77	0.424	13.04	40.8157	104.8593888	104.898188	2.519581	104.895649	
2010	59	200	59.083333333		02/28/2010 2:00	245.26	3.5105	0.389	16.78	0.424	13.02	40.7971	104.8650349	104.903834	2.525253	104.901320	
2010	59	300	59.125000000		02/28/2010 3:00	245.82	3.5184	0.389	16.78	0.424	12.98	40.7786	104.870681	104.909480	2.530924	104.906992	
2010	59	400	59.166666667		02/28/2010 4:00	246.34	3.5257	0.39	16.77	0.425	12.95	40.7614	104.8759238	104.914723	2.536190	104.912258	
2010	59	500	59.208333333		02/28/2010 5:00	246.65	3.5300	0.389	16.75	0.424	12.93	40.7512	104.8790493	104.917849	2.539330	104.915398	
2010	59	600	59.250000000		02/28/2010 6:00	246.8	3.5322	0.389	16.78	0.424	12.89	40.7462	104.8805617	104.919361	2.540849	104.916917	
2010	59	700	59.291666667		02/28/2010 7:00	246.92	3.5339	0.389	16.78	0.424	13.02	40.7422	104.8817715	104.920571	2.542064	104.918132	
2010	59	800	59.333333333		02/28/2010 8:00	246.58	3.5291	0.389	16.77	0.424	13.8	40.7535	104.8783435	104.917143	2.538621	104.914689	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	900	59.375000000		02/28/2010 9:00	246.3	3.5251	0.39	16.76	0.425	13.73	40.7627	104.8755205	104.914320	2.535785	104.911853	
2010	59	1000	59.416666667		02/28/2010 10:00	245.79	3.5179	0.389	16.78	0.424	13.66	40.7796	104.8703785	104.909178	2.530620	104.906688	
2010	59	1100	59.458333333		02/28/2010 11:00	245.62	3.5155	0.389	16.77	0.424	13.6	40.7852	104.8686645	104.907464	2.528899	104.904966	
2010	59	1200	59.500000000		02/28/2010 12:00	245.28	3.5108	0.389	16.77	0.424	13.54	40.7965	104.8652365	104.904036	2.525455	104.901523	
2010	59	1300	59.541666667		02/28/2010 13:00	245.18	3.5094	0.39	16.77	0.424	13.5	40.7998	104.8642283	104.903027	2.524442	104.900510	
2010	59	1400	59.583333333		02/28/2010 14:00	244.85	3.5047	0.39	16.75	0.425	13.47	40.8107	104.8609011	104.899700	2.521100	104.897168	
2010	59	1500	59.625000000		02/28/2010 15:00	244.67	3.5022	0.39	16.78	0.424	13.45	40.8166	104.8590863	104.897886	2.519277	104.895345	
2010	59	1600	59.666666667		02/28/2010 16:00	244.01	3.4929	0.389	16.76	0.424	13.42	40.8385	104.852432	104.891231	2.512593	104.888661	
2010	59	1700	59.708333333		02/28/2010 17:00	244.6	3.5012	0.389	16.77	0.424	13.42	40.8190	104.8583805	104.897180	2.518568	104.894636	
2010	59	1800	59.750000000		02/28/2010 18:00	244.15	3.4949	0.389	16.78	0.424	13.36	40.8338	104.8538435	104.892643	2.514011	104.890079	
2010	59	1900	59.791666667		02/28/2010 19:00	243.86	3.4908	0.39	16.77	0.424	13.29	40.8434	104.8509196	104.889719	2.511074	104.887142	
2010	59	2000	59.833333333		02/28/2010 20:00	243.65	3.4878	0.389	16.77	0.424	13.24	40.8504	104.8488023	104.887602	2.508947	104.885015	
2010	59	2100	59.875000000		02/28/2010 21:00	243.54	3.4863	0.389	16.77	0.424	13.19	40.8540	104.8476933	104.886492	2.507833	104.883901	
2010	59	2200	59.916666667		02/28/2010 22:00	243.49	3.4856	0.389	16.76	0.424	13.15	40.8557	104.8471892	104.885988	2.507327	104.883394	
2010	59	2300	59.958333333		02/28/2010 23:00	243.4	3.4843	0.39	16.77	0.424	13.11	40.8587	104.8462817	104.885081	2.506415	104.882483	
2010	59	2400	60.000000000		03/01/2010 0:00	243.41	3.4844	0.39	16.77	0.425	13.08	40.8583	104.8463826	104.885182	2.506516	104.882584	
2010	60	100	60.041666667		03/01/2010 1:00	243.43	3.4847	0.389	16.79	0.424	13.04	40.8577	104.8465842	104.885383	2.506719	104.882787	
2010	60	200	60.083333333		03/01/2010 2:00	243.5	3.4857	0.39	16.78	0.425	13.01	40.8553	104.84729	104.886089	2.507428	104.883496	
2010	60	300	60.125000000		03/01/2010 3:00	243.64	3.4877	0.389	16.78	0.424	12.99	40.8507	104.8487015	104.887501	2.508846	104.884913	
2010	60	400	60.166666667		03/01/2010 4:00	243.75	3.4892	0.389	16.78	0.424	12.95	40.8471	104.8498106	104.888610	2.509960	104.886028	
2010	60	500	60.208333333		03/01/2010 5:00	243.89	3.4912	0.389	16.78	0.424	12.91	40.8424	104.8512221	104.890021	2.511378	104.887445	
2010	60	600	60.250000000		03/01/2010 6:00	243.99	3.4926	0.39	16.78	0.425	12.89	40.8391	104.8522303	104.891030	2.512390	104.888458	
2010	60	700	60.291666667		03/01/2010 7:00	244.09	3.4940	0.389	16.78	0.424	13.8	40.8358	104.8532386	104.892038	2.513403	104.889471	
2010	60	800	60.333333333		03/01/2010 8:00	244.42	3.4987	0.39	16.79	0.425	13.72	40.8249	104.8565657	104.895365	2.516745	104.892813	
2010	60	900	60.375000000		03/01/2010 9:00	244.3	3.4970	0.389	16.77	0.424	13.66	40.8289	104.8553558	104.894155	2.515530	104.891598	
2010	60	1000	60.416666667		03/01/2010 10:00	244.28	3.4967	0.389	16.77	0.424	13.6	40.8295	104.8551542	104.893953	2.515327	104.891395	
2010	60	1100	60.458333333		03/01/2010 11:00	244.57	3.5008	0.389	16.77	0.424	13.56	40.8200	104.8580781	104.896877	2.518265	104.894332	
2010	60	1200	60.500000000		03/01/2010 12:00	244.55	3.5005	0.389	16.77	0.424	13.53	40.8206	104.8578764	104.896676	2.518062	104.894130	
2010	60	1300	60.541666667		03/01/2010 13:00	244.58	3.5009	0.389	16.78	0.424	13.49	40.8196	104.8581789	104.896978	2.518366	104.894433	
2010	60	1400	60.583333333		03/01/2010 14:00	244.61	3.5013	0.39	16.77	0.424	13.47	40.8186	104.8584814	104.897281	2.518670	104.894737	
2010	60	1500	60.625000000		03/01/2010 15:00	244.68	3.5023	0.39	16.76	0.424	13.45	40.8163	104.8591871	104.897986	2.519379	104.895446	
2010	60	1600	60.666666667		03/01/2010 16:00	245.14	3.5088	0.39	16.79	0.424	13.45	40.8011	104.863825	104.902624	2.524037	104.900105	
2010	60	1700	60.708333333		03/01/2010 17:00	245.09	3.5081	0.389	16.76	0.424	13.49	40.8028	104.8633209	104.902120	2.523531	104.899599	
2010	60	1800	60.750000000		03/01/2010 18:00	245.03	3.5072	0.389	16.78	0.424	13.38	40.8047	104.8627159	104.901515	2.522923	104.898991	
2010	60	1900	60.791666667		03/01/2010 19:00	244.89	3.5053	0.389	16.77	0.424	13.31	40.8094	104.8613044	104.900104	2.521505	104.897573	
2010	60	2000	60.833333333		03/01/2010 20:00	244.73	3.5030	0.389	16.77	0.424	13.26	40.8147	104.8596912	104.898490	2.519885	104.895953	
2010	60	2100	60.875000000		03/01/2010 21:00	244.6	3.5012	0.39	16.77	0.424	13.21	40.8190	104.8583805	104.897180	2.518568	104.894636	
2010	60	2200	60.916666667		03/01/2010 22:00	244.44	3.4989	0.389	16.78	0.424	13.17	40.8243	104.8567674	104.895567	2.516948	104.893016	
2010	60	2300	60.958333333		03/01/2010 23:00	244.13	3.4946	0.39	16.78	0.424	13.13	40.8345	104.8536418	104.892441	2.513808	104.889876	
2010	60	2400	61.000000000		03/02/2010 0:00	243.98	3.4925	0.39	16.77	0.425	13.09	40.8395	104.8521295	104.890929	2.512289	104.888357	
2010	61	100	61.041666667		03/02/2010 1:00	244.08	3.4939	0.39	16.78	0.424	13.06	40.8362	104.8531377	104.891937	2.513302	104.889370	
2010	61	200	61.083333333		03/02/2010 2:00	244.52	3.5001	0.39	16.78	0.424	13.03	40.8216	104.857574	104.896373	2.517758	104.893826	
2010	61	300	61.125000000		03/02/2010 3:00	245.03	3.5072	0.389	16.77	0.424	12.99	40.8047	104.8627159	104.901515	2.522923	104.898991	
2010	61	400	61.166666667		03/02/2010 4:00	245.46	3.5133	0.39	16.77	0.425	12.96	40.7905	104.8670513	104.905851	2.527278	104.903346	
2010	61	500	61.208333333		03/02/2010 5:00	245.79	3.5179	0.389	16.77	0.424	12.93	40.7796	104.8703785	104.909178	2.530620	104.906688	
2010	61	600	61.250000000		03/02/2010 6:00	246.08	3.5220	0.39	16.78	0.425	12.9	40.7700	104.8733024	104.912102	2.533557	104.909625	
2010	61	700	61.291666667		03/02/2010 7:00	246.29	3.5250	0.389	16.8	0.424	12.87	40.7631	104.8754197	104.914219	2.535684	104.911752	
2010	61	800	61.333333333		03/02/2010 8:00	246.28	3.5248	0.389	16.77	0.424	13.51	40.7634	104.8753189	104.914118	2.535583	104.911651	
2010	61	900	61.375000000		03/02/2010 9:00	246.16	3.5232	0.39	16.79	0.424	13.65	40.7674	104.874109	104.912908	2.534367	104.910435	
2010	61	1000	61.416666667		03/02/2010 10:00	245.67	3.5163	0.39	16.77	0.425	13.59	40.7836	104.8691686	104.907968	2.529405	104.905473	
2010	61	1100	61.458333333		03/02/2010 11:00	245.13	3.5086	0.389	16.78	0.424	13.56	40.8014	104.8637242	104.902523	2.523936	104.900004	
2010	61	1200	61.500000000		03/02/2010 12:00	244.99	3.5067	0.39	16.79	0.424	13.5	40.8061	104.8623126	104.901112	2.522518	104.898586	
2010	61	1300	61.541666667		03/02/2010 13:00	244.9	3.5054	0.39	16.78	0.424	13.45	40.8090	104.8614052	104.900204	2.521607	104.897674	
2010	61	1400	61.583333333		03/02/2010 14:00	244.48	3.4995	0.389	16.79	0.424	13.41	40.8229	104.8571707	104.895970	2.517353	104.893421	
2010	61	1500	61.625000000		03/02/2010 15:00	244.84	3.5046	0.39	16.79	0.424	13.37	40.8110	104.8608003	104.899600	2.520999	104.897067	
2010	61	1600	61.666666667		03/02/2010 16:00	244.27	3.4965	0.389	16.79	0.424	13.39	40.8299	104.8550534	104.893853	2.515226	104.891294	
2010	61	1700	61.708333333		03/02/2010 17:00	244.09	3.4940	0.389	16.77	0.424	13.37	40.8358	104.8532386	104.892038	2.513403	104.889471	
2010	61	1800	61.750000000		03/02/2010 18:00	243.96	3.4922	0.39	16.79	0.424	13.29	40.8401	104.8519279	104.890727	2.512087	104.888154	
2010	61	1900	61.791666667		03/02/2010 19:00	243.75	3.4892	0.39	16.78	0.424	13.23	40.8471	104.8498106	104.888610	2.509960	104.886028	
2010	61	2000	61.833333333		03/02/2010 20:00	243.57	3.4867	0.39	16.78	0.424	13.17	40.8530	104.8479957	104.886795	2.508137	104.884205	
2010	61	2100	61.875000000		03/02/2010 21:00	243.41	3.4844	0.39	16.77	0.424	13.13	40.8583	104.8463826	104.885182	2.506516	104.882584	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	61	2200	61.916666667		03/02/2010 22:00	243.54	3.4863	0.389	16.79	0.424	13.09	40.8540	104.8476933	104.886492	2.507833	104.883901	
2010	61	2300	61.958333333		03/02/2010 23:00	243.73	3.4889	0.39	16.78	0.424	13.05	40.8477	104.8496089	104.888408	2.509757	104.885825	
2010	61	2400	62.000000000		03/03/2010 0:00	244.26	3.4964	0.389	16.78	0.424	13.02	40.8302	104.8549525	104.893752	2.515125	104.891193	
2010	62	100	62.041666667		03/03/2010 1:00	244.84	3.5046	0.389	16.78	0.424	12.99	40.8110	104.8608003	104.899600	2.520999	104.897067	
2010	62	200	62.083333333		03/03/2010 2:00	245.38	3.5122	0.389	16.77	0.424	12.96	40.7932	104.8662448	104.905044	2.526468	104.902536	
2010	62	300	62.125000000		03/03/2010 3:00	245.83	3.5185	0.39	16.79	0.424	12.92	40.7783	104.8707818	104.909581	2.531025	104.907093	
2010	62	400	62.166666667		03/03/2010 4:00	246.1	3.5223	0.39	16.79	0.424	12.9	40.7693	104.873504	104.912303	2.533760	104.909828	
2010	62	500	62.208333333		03/03/2010 5:00	246.25	3.5244	0.389	16.8	0.424	12.87	40.7644	104.8750164	104.913816	2.535279	104.911347	
2010	62	600	62.250000000		03/03/2010 6:00	246.33	3.5255	0.389	16.79	0.424	12.84	40.7617	104.875823	104.914622	2.536089	104.912157	
2010	62	700	62.291666667		03/03/2010 7:00	246.32	3.5254	0.389	16.79	0.424	12.81	40.7621	104.8757221	104.914521	2.535988	104.912056	
2010	62	800	62.333333333		03/03/2010 8:00	246.01	3.5210	0.39	16.79	0.424	13.61	40.7723	104.8725966	104.911396	2.532848	104.908916	
2010	62	900	62.375000000		03/03/2010 9:00	245.6	3.5153	0.39	16.79	0.424	13.57	40.7859	104.8684629	104.907262	2.528696	104.904764	
2010	62	1000	62.416666667		03/03/2010 10:00	245.26	3.5105	0.39	16.78	0.424	13.52	40.7971	104.8650349	104.903834	2.525253	104.901320	
2010	62	1100	62.458333333		03/03/2010 11:00	245.32	3.5113	0.39	16.79	0.425	13.49	40.7951	104.8656398	104.904439	2.525860	104.901928	
2010	62	1200	62.500000000		03/03/2010 12:00	245.12	3.5085	0.39	16.79	0.425	13.44	40.8018	104.8636234	104.902423	2.523835	104.899902	
2010	62	1300	62.541666667		03/03/2010 13:00	244.13	3.4946	0.39	16.78	0.425	13.42	40.8345	104.8536418	104.892441	2.513808	104.889876	
2010	62	1400	62.583333333		03/03/2010 14:00	244.14	3.4947	0.389	16.79	0.424	13.4	40.8342	104.8537427	104.892542	2.513910	104.889977	
2010	62	1500	62.625000000		03/03/2010 15:00	243.87	3.4909	0.389	16.79	0.424	13.41	40.8431	104.8510204	104.889820	2.511175	104.887243	
2010	62	1600	62.666666667		03/03/2010 16:00	243.75	3.4892	0.389	16.8	0.424	13.42	40.8471	104.8498106	104.888610	2.509960	104.886028	
2010	62	1700	62.708333333		03/03/2010 17:00	243.71	3.4887	0.39	16.78	0.424	13.42	40.8484	104.8494073	104.888206	2.509555	104.885622	
2010	62	1800	62.750000000		03/03/2010 18:00	243.61	3.4872	0.39	16.79	0.424	13.34	40.8517	104.848399	104.887198	2.508542	104.884610	
2010	62	1900	62.791666667		03/03/2010 19:00	243.38	3.4840	0.39	16.79	0.425	13.28	40.8593	104.8460801	104.884879	2.506213	104.882280	
2010	62	2000	62.833333333		03/03/2010 20:00	243.4	3.4843	0.39	16.8	0.424	13.22	40.8587	104.8462817	104.885081	2.506415	104.882483	
2010	62	2100	62.875000000		03/03/2010 21:00	243.3	3.4829	0.39	16.77	0.425	13.17	40.8620	104.8452735	104.884073	2.505402	104.881470	
2010	62	2200	62.916666667		03/03/2010 22:00	243.17	3.4811	0.39	16.78	0.424	13.13	40.8663	104.8439628	104.882762	2.504086	104.880154	
2010	62	2300	62.958333333		03/03/2010 23:00	243.2	3.4815	0.39	16.78	0.424	13.09	40.8653	104.8442653	104.883064	2.504390	104.880457	
2010	62	2400	63.000000000		03/04/2010 0:00	243.32	3.4832	0.39	16.78	0.424	13.05	40.8613	104.8454752	104.884274	2.505605	104.881673	
2010	63	100	63.041666667		03/04/2010 1:00	243.61	3.4872	0.39	16.79	0.424	13.02	40.8517	104.848399	104.887198	2.508542	104.884610	
2010	63	200	63.083333333		03/04/2010 2:00	244.31	3.4971	0.389	16.79	0.424	12.98	40.8286	104.8554567	104.894256	2.515631	104.891699	
2010	63	300	63.125000000		03/04/2010 3:00	245.13	3.5086	0.39	16.78	0.425	12.96	40.8014	104.8637242	104.902523	2.523936	104.900004	
2010	63	400	63.166666667		03/04/2010 4:00	245.99	3.5208	0.39	16.8	0.425	12.93	40.7730	104.872395	104.911194	2.532646	104.908713	
2010	63	500	63.208333333		03/04/2010 5:00	246.65	3.5300	0.39	16.79	0.424	12.89	40.7512	104.8790493	104.917849	2.539330	104.915398	
2010	63	600	63.250000000		03/04/2010 6:00	247.2	3.5378	0.39	16.81	0.425	12.86	40.7330	104.8845946	104.923394	2.544900	104.920968	
2010	63	700	63.291666667		03/04/2010 7:00	247.39	3.5405	0.39	16.8	0.425	13.58	40.7267	104.8865102	104.925309	2.546824	104.922892	
2010	63	800	63.333333333		03/04/2010 8:00	247.44	3.5412	0.39	16.8	0.425	13.72	40.7250	104.8870144	104.925814	2.547331	104.923399	
2010	63	900	63.375000000		03/04/2010 9:00	247.46	3.5415	0.39	16.78	0.424	13.63	40.7244	104.887216	104.926015	2.547533	104.923601	
2010	63	1000	63.416666667		03/04/2010 10:00	247.5	3.5420	0.389	16.8	0.424	13.56	40.7230	104.8876193	104.926418	2.547939	104.924006	
2010	63	1100	63.458333333		03/04/2010 11:00	247.44	3.5412	0.39	16.79	0.424	13.53	40.7250	104.8870144	104.925814	2.547331	104.923399	
2010	63	1200	63.500000000		03/04/2010 12:00	247.1	3.5364	0.39	16.79	0.424	13.49	40.7363	104.8835864	104.922386	2.543887	104.919955	
2010	63	1300	63.541666667		03/04/2010 13:00	247.33	3.5396	0.39	16.77	0.424	13.47	40.7287	104.8859053	104.924705	2.546217	104.922285	
2010	63	1400	63.583333333		03/04/2010 14:00	247.22	3.5381	0.39	16.78	0.424	13.45	40.7323	104.8847962	104.923595	2.545103	104.921171	
2010	63	1500	63.625000000		03/04/2010 15:00	247.44	3.5412	0.39	16.79	0.424	13.44	40.7250	104.8870144	104.925814	2.547331	104.923399	
2010	63	1600	63.666666667		03/04/2010 16:00	247.22	3.5381	0.389	16.79	0.424	13.42	40.7323	104.8847962	104.923595	2.545103	104.921171	
2010	63	1700	63.708333333		03/04/2010 17:00	247.97	3.5486	0.39	16.79	0.425	13.43	40.7075	104.892358	104.931157	2.552699	104.928766	
2010	63	1800	63.750000000		03/04/2010 18:00	248.23	3.5523	0.39	16.79	0.424	13.37	40.6989	104.8949794	104.933779	2.555332	104.931399	
2010	63	1900	63.791666667		03/04/2010 19:00	248.29	3.5531	0.39	16.79	0.424	13.3	40.6969	104.8955843	104.934384	2.555939	104.932007	
2010	63	2000	63.833333333		03/04/2010 20:00	248.28	3.5530	0.39	16.8	0.424	13.25	40.6972	104.8954835	104.934283	2.555838	104.931906	
2010	63	2100	63.875000000		03/04/2010 21:00	248.32	3.5536	0.39	16.78	0.424	13.2	40.6959	104.8958868	104.934686	2.556243	104.932311	
2010	63	2200	63.916666667		03/04/2010 22:00	248.4	3.5547	0.39	16.8	0.424	13.17	40.6933	104.8966934	104.935493	2.557053	104.933121	
2010	63	2300	63.958333333		03/04/2010 23:00	248.64	3.5581	0.389	16.78	0.424	13.13	40.6853	104.8991131	104.937912	2.559484	104.935552	
2010	63	2400	64.000000000		03/05/2010 0:00	248.87	3.5613	0.39	16.78	0.425	13.08	40.6777	104.9014321	104.940231	2.561813	104.937881	
2010	64	100	64.041666667		03/05/2010 1:00	249.08	3.5643	0.39	16.78	0.425	13.05	40.6708	104.9035494	104.942349	2.563940	104.940008	
2010	64	200	64.083333333		03/05/2010 2:00	249.61	3.5717	0.39	16.79	0.425	13.02	40.6532	104.908893	104.947692	2.569308	104.945376	
2010	64	300	64.125000000		03/05/2010 3:00	250.21	3.5802	0.39	16.79	0.425	12.99	40.6334	104.9149424	104.953742	2.575384	104.951452	
2010	64	400	64.166666667		03/05/2010 4:00	250.95	3.5906	0.39	16.8	0.425	12.96	40.6089	104.9224033	104.961203	2.582879	104.958947	
2010	64	500	64.208333333		03/05/2010 5:00	251.5	3.5983	0.39	16.79	0.425	12.92	40.5907	104.9279486	104.966748	2.588449	104.964517	
2010	64	600	64.250000000		03/05/2010 6:00	252.06	3.6062	0.39	16.8	0.424	12.89	40.5722	104.9335947	104.972394	2.594121	104.970188	
2010	64	700	64.291666667		03/05/2010 7:00	252.3	3.6096	0.39	16.8	0.424	13.26	40.5643	104.9360145	104.974814	2.596551	104.972619	
2010	64	800	64.333333333		03/05/2010 8:00	252.35	3.6103	0.39	16.8	0.425	13.78	40.5626	104.9365186	104.975318	2.597058	104.973125	
2010	64	900	64.375000000		03/05/2010 9:00	252.28	3.6093	0.39	16.8	0.424	13.73	40.5649	104.9358128	104.974612	2.596349	104.972416	
2010	64	1000	64.416666667		03/05/2010 10:00	252.25	3.6089	0.39	16.78	0.424	13.64	40.5659	104.9355104	104.974310	2.596045	104.972113	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1100	64.458333333		03/05/2010 11:00	252.01	3.6055	0.39	16.79	0.424	13.58	40.5738	104.9330906	104.971890	2.593614	104.969682	
2010	64	1200	64.500000000		03/05/2010 12:00	252.05	3.6061	0.39	16.78	0.425	13.54	40.5725	104.9334939	104.972293	2.594019	104.970087	
2010	64	1300	64.541666667		03/05/2010 13:00	252.32	3.6099	0.39	16.78	0.425	13.51	40.5636	104.9362161	104.975015	2.596754	104.972822	
2010	64	1400	64.583333333		03/05/2010 14:00	252.12	3.6071	0.39	16.78	0.424	13.49	40.5702	104.9341996	104.972999	2.594728	104.970796	
2010	64	1500	64.625000000		03/05/2010 15:00	252	3.6054	0.39	16.81	0.424	13.47	40.5742	104.9329898	104.971789	2.593513	104.969581	
2010	64	1600	64.666666667		03/05/2010 16:00	251.92	3.6042	0.39	16.79	0.424	13.45	40.5768	104.9321832	104.970982	2.592703	104.968770	
2010	64	1700	64.708333333		03/05/2010 17:00	251.94	3.6045	0.39	16.79	0.425	13.47	40.5762	104.9323848	104.971184	2.592905	104.968973	
2010	64	1800	64.750000000		03/05/2010 18:00	252.07	3.6064	0.39	16.78	0.425	13.4	40.5719	104.9336955	104.972495	2.594222	104.970290	
2010	64	1900	64.791666667		03/05/2010 19:00	251.91	3.6041	0.39	16.79	0.424	13.32	40.5772	104.9320824	104.970882	2.592601	104.968669	
2010	64	2000	64.833333333		03/05/2010 20:00	251.8	3.6026	0.39	16.78	0.424	13.27	40.5808	104.9309733	104.969773	2.591487	104.967555	
2010	64	2100	64.875000000		03/05/2010 21:00	251.62	3.6000	0.39	16.79	0.424	13.23	40.5868	104.9291585	104.967958	2.589664	104.965732	
2010	64	2200	64.916666667		03/05/2010 22:00	251.39	3.5968	0.39	16.78	0.424	13.18	40.5944	104.9268395	104.965639	2.587335	104.963403	
2010	64	2300	64.958333333		03/05/2010 23:00	251.15	3.5934	0.39	16.8	0.424	13.14	40.6023	104.9244198	104.963219	2.584904	104.960972	
2010	64	2400	65.000000000		03/06/2010 0:00	251.09	3.5926	0.39	16.79	0.424	13.11	40.6043	104.9238148	104.962614	2.584297	104.960365	
2010	65	100	65.041666667		03/06/2010 1:00	251.06	3.5921	0.39	16.79	0.425	13.07	40.6053	104.9235124	104.962312	2.583993	104.960061	
2010	65	200	65.083333333		03/06/2010 2:00	251.12	3.5930	0.39	16.8	0.425	13.04	40.6033	104.9241173	104.962917	2.584601	104.960668	
2010	65	300	65.125000000		03/06/2010 3:00	251.28	3.5952	0.39	16.8	0.425	13	40.5980	104.9257305	104.964530	2.586221	104.962289	
2010	65	400	65.166666667		03/06/2010 4:00	251.37	3.5965	0.39	16.79	0.425	12.97	40.5950	104.9266379	104.965437	2.587133	104.963200	
2010	65	500	65.208333333		03/06/2010 5:00	251.42	3.5972	0.389	16.79	0.424	12.94	40.5934	104.927142	104.965941	2.587639	104.963707	
2010	65	600	65.250000000		03/06/2010 6:00	251.42	3.5972	0.389	16.8	0.424	12.91	40.5934	104.927142	104.965941	2.587639	104.963707	
2010	65	700	65.291666667		03/06/2010 7:00	251.27	3.5951	0.39	16.8	0.424	13.2	40.5983	104.9256297	104.964429	2.586120	104.962187	
2010	65	800	65.333333333		03/06/2010 8:00	250.88	3.5896	0.39	16.81	0.424	13.78	40.6112	104.9216976	104.960497	2.582170	104.958238	
2010	65	900	65.375000000		03/06/2010 9:00	250.39	3.5827	0.39	16.79	0.424	13.68	40.6274	104.9167572	104.955556	2.577207	104.953275	
2010	65	1000	65.416666667		03/06/2010 10:00	250.2	3.5800	0.39	16.78	0.424	13.62	40.6337	104.9148416	104.953641	2.575283	104.951351	
2010	65	1100	65.458333333		03/06/2010 11:00	249.74	3.5736	0.39	16.79	0.424	13.58	40.6489	104.9102037	104.949003	2.570624	104.946692	
2010	65	1200	65.500000000		03/06/2010 12:00	249.45	3.5695	0.39	16.79	0.425	13.53	40.6585	104.9072798	104.946079	2.567687	104.943755	
2010	65	1300	65.541666667		03/06/2010 13:00	249.38	3.5685	0.39	16.78	0.424	13.49	40.6608	104.9065741	104.945373	2.566979	104.943046	
2010	65	1400	65.583333333		03/06/2010 14:00	249.48	3.5699	0.39	16.79	0.424	13.46	40.6575	104.9075823	104.946382	2.567991	104.944059	
2010	65	1500	65.625000000		03/06/2010 15:00	249.05	3.5638	0.39	16.78	0.424	13.43	40.6718	104.9032469	104.942046	2.563636	104.939704	
2010	65	1600	65.666666667		03/06/2010 16:00	249.11	3.5647	0.39	16.79	0.424	13.42	40.6698	104.9038518	104.942651	2.564244	104.940312	
2010	65	1700	65.708333333		03/06/2010 17:00	249.42	3.5690	0.389	16.79	0.424	13.43	40.6595	104.9069774	104.945777	2.567384	104.943451	
2010	65	1800	65.750000000		03/06/2010 18:00	249.76	3.5738	0.389	16.78	0.424	13.38	40.6483	104.9104054	104.949205	2.570827	104.946895	
2010	65	1900	65.791666667		03/06/2010 19:00	249.88	3.5755	0.389	16.79	0.424	13.31	40.6443	104.9116152	104.950414	2.572042	104.948110	
2010	65	2000	65.833333333		03/06/2010 20:00	250	3.5772	0.39	16.78	0.425	13.25	40.6403	104.9128251	104.951624	2.573258	104.949325	
2010	65	2100	65.875000000		03/06/2010 21:00	250.09	3.5785	0.39	16.8	0.425	13.21	40.6374	104.9137325	104.952532	2.574169	104.950237	
2010	65	2200	65.916666667		03/06/2010 22:00	250.05	3.5779	0.39	16.78	0.424	13.16	40.6387	104.9133292	104.952128	2.573764	104.949832	
2010	65	2300	65.958333333		03/06/2010 23:00	250.12	3.5789	0.39	16.77	0.425	13.12	40.6364	104.914035	104.952834	2.574473	104.950541	
2010	65	2400	66.000000000		03/07/2010 0:00	250.03	3.5776	0.39	16.78	0.425	13.08	40.6393	104.9131276	104.951927	2.573562	104.949629	
2010	66	100	66.041666667		03/07/2010 1:00	250	3.5772	0.39	16.79	0.425	13.05	40.6403	104.9128251	104.951624	2.573258	104.949325	
2010	66	200	66.083333333		03/07/2010 2:00	249.89	3.5757	0.39	16.8	0.425	13.02	40.6440	104.9117161	104.950515	2.572144	104.948211	
2010	66	300	66.125000000		03/07/2010 3:00	249.9	3.5758	0.39	16.8	0.424	12.99	40.6436	104.9118169	104.950616	2.572245	104.948313	
2010	66	400	66.166666667		03/07/2010 4:00	249.76	3.5738	0.389	16.8	0.424	12.95	40.6483	104.9104054	104.949205	2.570827	104.946895	
2010	66	500	66.208333333		03/07/2010 5:00	249.53	3.5706	0.39	16.8	0.425	12.92	40.6559	104.9080864	104.946886	2.568498	104.944565	
2010	66	600	66.250000000		03/07/2010 6:00	249.28	3.5671	0.39	16.8	0.425	12.89	40.6642	104.9055658	104.944365	2.565966	104.942033	
2010	66	700	66.291666667		03/07/2010 7:00	248.85	3.5610	0.39	16.8	0.424	13.87	40.6784	104.9012304	104.940030	2.561611	104.937679	
2010	66	800	66.333333333		03/07/2010 8:00	248.51	3.5562	0.39	16.8	0.424	13.77	40.6896	104.8978024	104.936602	2.558167	104.934235	
2010	66	900	66.375000000		03/07/2010 9:00	248.13	3.5509	0.39	16.79	0.425	13.7	40.7022	104.8939712	104.932770	2.554319	104.930387	
2010	66	1000	66.416666667		03/07/2010 10:00	247.83	3.5467	0.39	16.78	0.424	13.62	40.7121	104.8909465	104.929746	2.551281	104.927348	
2010	66	1100	66.458333333		03/07/2010 11:00	247.45	3.5413	0.39	16.79	0.424	13.55	40.7247	104.8871152	104.925914	2.547432	104.923500	
2010	66	1200	66.500000000		03/07/2010 12:00	247.32	3.5395	0.39	16.78	0.424	13.51	40.7290	104.8858045	104.924604	2.546116	104.922183	
2010	66	1300	66.541666667		03/07/2010 13:00	247.16	3.5372	0.389	16.78	0.424	13.47	40.7343	104.8841913	104.922991	2.544495	104.920563	
2010	66	1400	66.583333333		03/07/2010 14:00	247.09	3.5362	0.39	16.79	0.424	13.44	40.7366	104.8834855	104.922285	2.543786	104.919854	
2010	66	1500	66.625000000		03/07/2010 15:00	246.72	3.5310	0.389	16.8	0.424	13.42	40.7488	104.8797551	104.918554	2.540039	104.916107	
2010	66	1600	66.666666667		03/07/2010 16:00	246.21	3.5239	0.389	16.79	0.424	13.41	40.7657	104.8746131	104.913412	2.534874	104.910942	
2010	66	1700	66.708333333		03/07/2010 17:00	246.37	3.5261	0.389	16.79	0.424	13.41	40.7604	104.8762263	104.915025	2.536494	104.912562	
2010	66	1800	66.750000000		03/07/2010 18:00	246.33	3.5255	0.39	16.77	0.424	13.35	40.7617	104.875823	104.914622	2.536089	104.912157	
2010	66	1900	66.791666667		03/07/2010 19:00	246.02	3.5212	0.389	16.79	0.424	13.28	40.7720	104.8726974	104.911497	2.532950	104.909017	
2010	66	2000	66.833333333		03/07/2010 20:00	245.7	3.5167	0.389	16.8	0.424	13.22	40.7826	104.8694711	104.908270	2.529709	104.905776	
2010	66	2100	66.875000000		03/07/2010 21:00	245.43	3.5129	0.389	16.78	0.424	13.18	40.7915	104.8667489	104.905548	2.526974	104.903042	
2010	66	2200	66.916666667		03/07/2010 22:00	245.17	3.5092	0.389	16.79	0.424	13.14	40.8001	104.8641275	104.902927	2.524341	104.900409	
2010	66	2300	66.958333333		03/07/2010 23:00	244.64	3.5018	0.39	16.8	0.424	13.1	40.8176	104.8587838	104.897583	2.518973	104.895041	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	66	2400	67.000000000		03/08/2010 0:00	244.4	3.4984	0.39	16.8	0.424	13.07	40.8256	104.8563641	104.895163	2.516543	104.892611	
2010	67	100	67.041666667		03/08/2010 1:00	244.2	3.4956	0.39	16.8	0.424	13.04	40.8322	104.8543476	104.893147	2.514517	104.890585	
2010	67	200	67.083333333		03/08/2010 2:00	244.1	3.4941	0.39	16.79	0.424	13	40.8355	104.8533394	104.892139	2.513505	104.889572	
2010	67	300	67.125000000		03/08/2010 3:00	243.86	3.4908	0.389	16.78	0.424	12.96	40.8434	104.8509196	104.889719	2.511074	104.887142	
2010	67	400	67.166666667		03/08/2010 4:00	243.7	3.4885	0.389	16.8	0.424	12.94	40.8487	104.8493064	104.888106	2.509453	104.885521	
2010	67	500	67.208333333		03/08/2010 5:00	243.5	3.4857	0.39	16.8	0.424	12.9	40.8553	104.84729	104.886089	2.507428	104.883496	
2010	67	600	67.250000000		03/08/2010 6:00	243.3	3.4829	0.39	16.8	0.424	12.88	40.8620	104.8452735	104.884073	2.505402	104.881470	
2010	67	700	67.291666667		03/08/2010 7:00	243.09	3.4799	0.389	16.8	0.424	12.85	40.8689	104.8431562	104.881955	2.503276	104.879343	
2010	67	800	67.333333333		03/08/2010 8:00	242.87	3.4768	0.389	16.79	0.424	12.84	40.8762	104.8409381	104.879737	2.501047	104.877115	
2010	67	900	67.375000000		03/08/2010 9:00	242.51	3.4718	0.389	16.78	0.424	13.62	40.8881	104.8373085	104.876108	2.497402	104.873469	
2010	67	1000	67.416666667		03/08/2010 10:00	242.46	3.4711	0.389	16.79	0.424	13.58	40.8897	104.8368044	104.875604	2.496895	104.872963	
2010	67	1100	67.458333333		03/08/2010 11:00	242.09	3.4658	0.389	16.76	0.424	13.56	40.9020	104.8330739	104.871873	2.493148	104.869216	
2010	67	1200	67.500000000		03/08/2010 12:00	241.62	3.4592	0.389	16.79	0.424	13.53	40.9175	104.8283352	104.867134	2.488388	104.864456	
2010	67	1300	67.541666667		03/08/2010 13:00	241.4	3.4561	0.389	16.79	0.424	13.5	40.9248	104.8261171	104.864916	2.486160	104.862228	
2010	67	1400	67.583333333		03/08/2010 14:00	241.77	3.4613	0.39	16.78	0.425	13.49	40.9126	104.8298476	104.868647	2.489907	104.865975	
2010	67	1500	67.625000000		03/08/2010 15:00	241.21	3.4535	0.39	16.8	0.425	13.48	40.9311	104.8242014	104.863001	2.484236	104.860303	
2010	67	1600	67.666666667		03/08/2010 16:00	241.01	3.4506	0.389	16.79	0.424	13.49	40.9377	104.822185	104.860984	2.482210	104.858278	
2010	67	1700	67.708333333		03/08/2010 17:00	240.92	3.4494	0.39	16.79	0.425	13.52	40.9407	104.8212776	104.860077	2.481299	104.857366	
2010	67	1800	67.750000000		03/08/2010 18:00	240.8	3.4477	0.39	16.8	0.424	13.45	40.9447	104.8200677	104.858867	2.480083	104.856151	
2010	67	1900	67.791666667		03/08/2010 19:00	240.58	3.4446	0.39	16.79	0.424	13.38	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	67	2000	67.833333333		03/08/2010 20:00	240.34	3.4412	0.389	16.81	0.424	13.31	40.9599	104.8154298	104.854229	2.475425	104.851492	
2010	67	2100	67.875000000		03/08/2010 21:00	240.18	3.4390	0.39	16.8	0.424	13.27	40.9652	104.8138167	104.852616	2.473804	104.849872	
2010	67	2200	67.916666667		03/08/2010 22:00	239.88	3.4347	0.39	16.8	0.424	13.22	40.9751	104.810792	104.849591	2.470766	104.846834	
2010	67	2300	67.958333333		03/08/2010 23:00	239.53	3.4298	0.39	16.8	0.425	13.18	40.9867	104.8072631	104.846062	2.467221	104.843289	
2010	67	2400	68.000000000		03/09/2010 0:00	239.34	3.4271	0.39	16.8	0.424	13.15	40.9930	104.8053475	104.844147	2.465297	104.841365	
2010	68	100	68.041666667		03/09/2010 1:00	239.23	3.4256	0.39	16.81	0.425	13.12	40.9966	104.8042384	104.843038	2.464183	104.840251	
2010	68	200	68.083333333		03/09/2010 2:00	239.12	3.4240	0.39	16.8	0.425	13.08	41.0002	104.8031294	104.841929	2.463069	104.839137	
2010	68	300	68.125000000		03/09/2010 3:00	238.91	3.4211	0.39	16.81	0.424	13.04	41.0072	104.8010121	104.839811	2.460942	104.837010	
2010	68	400	68.166666667		03/09/2010 4:00	238.87	3.4205	0.39	16.79	0.424	13.02	41.0085	104.8006088	104.839408	2.460537	104.836605	
2010	68	500	68.208333333		03/09/2010 5:00	238.79	3.4194	0.39	16.8	0.424	12.99	41.0111	104.7998022	104.838601	2.459727	104.835794	
2010	68	600	68.250000000		03/09/2010 6:00	238.59	3.4166	0.39	16.8	0.424	12.95	41.0178	104.7977857	104.836585	2.457701	104.833769	
2010	68	700	68.291666667		03/09/2010 7:00	238.32	3.4128	0.39	16.81	0.424	13.89	41.0267	104.7950635	104.833863	2.454967	104.831034	
2010	68	800	68.333333333		03/09/2010 8:00	238.11	3.4098	0.389	16.82	0.424	13.8	41.0336	104.7929462	104.831745	2.452840	104.828908	
2010	68	900	68.375000000		03/09/2010 9:00	237.61	3.4028	0.39	16.8	0.424	13.72	41.0502	104.7879051	104.826704	2.447776	104.823844	
2010	68	1000	68.416666667		03/09/2010 10:00	237.53	3.4016	0.39	16.8	0.424	13.66	41.0528	104.7870985	104.825898	2.446966	104.823034	
2010	68	1100	68.458333333		03/09/2010 11:00	237.11	3.3957	0.39	16.78	0.424	13.64	41.0667	104.7828639	104.821663	2.442712	104.818780	
2010	68	1200	68.500000000		03/09/2010 12:00	236.93	3.3932	0.39	16.78	0.424	13.6	41.0727	104.7810491	104.819848	2.440889	104.816957	
2010	68	1300	68.541666667		03/09/2010 13:00	236.45	3.3864	0.39	16.79	0.424	13.6	41.0886	104.7762096	104.815009	2.436028	104.812096	
2010	68	1400	68.583333333		03/09/2010 14:00	236.53	3.3876	0.39	16.79	0.425	13.58	41.0859	104.7770162	104.815815	2.436838	104.812906	
2010	68	1500	68.625000000		03/09/2010 15:00	235.99	3.3800	0.39	16.79	0.425	13.6	41.1038	104.7715717	104.810371	2.431369	104.807437	
2010	68	1600	68.666666667		03/09/2010 16:00	235.79	3.3772	0.39	16.8	0.425	13.62	41.1104	104.7695552	104.808354	2.429344	104.805411	
2010	68	1700	68.708333333		03/09/2010 17:00	235.29	3.3701	0.39	16.79	0.425	13.61	41.1269	104.7645141	104.803313	2.424280	104.800348	
2010	68	1800	68.750000000		03/09/2010 18:00	235.04	3.3666	0.39	16.78	0.425	13.53	41.1352	104.7619935	104.800793	2.421748	104.797816	
2010	68	1900	68.791666667		03/09/2010 19:00	234.61	3.3605	0.39	16.78	0.424	13.45	41.1494	104.7576581	104.796457	2.417393	104.793461	
2010	68	2000	68.833333333		03/09/2010 20:00	234.24	3.3553	0.39	16.8	0.424	13.4	41.1617	104.7539276	104.792727	2.413646	104.789714	
2010	68	2100	68.875000000		03/09/2010 21:00	233.81	3.3493	0.39	16.79	0.425	13.35	41.1759	104.7495922	104.788391	2.409291	104.785359	
2010	68	2200	68.916666667		03/09/2010 22:00	233.64	3.3469	0.39	16.81	0.424	13.3	41.1815	104.7478782	104.786677	2.407569	104.783637	
2010	68	2300	68.958333333		03/09/2010 23:00	233.14	3.3398	0.39	16.8	0.425	13.25	41.1980	104.7428371	104.781636	2.402505	104.778573	
2010	68	2400	69.000000000		03/10/2010 0:00	232.78	3.3348	0.39	16.8	0.425	13.21	41.2099	104.7392074	104.778007	2.398859	104.774927	
2010	69	100	69.041666667		03/10/2010 1:00	232.53	3.3313	0.39	16.81	0.425	13.18	41.2182	104.7366868	104.775486	2.396328	104.772395	
2010	69	200	69.083333333		03/10/2010 2:00	232.32	3.3283	0.39	16.81	0.425	13.15	41.2252	104.7345696	104.773369	2.394201	104.770268	
2010	69	300	69.125000000		03/10/2010 3:00	232.13	3.3256	0.39	16.79	0.425	13.12	41.2315	104.7326539	104.771453	2.392276	104.768344	
2010	69	400	69.166666667		03/10/2010 4:00	231.99	3.3237	0.39	16.81	0.425	13.08	41.2361	104.7312424	104.770042	2.390859	104.766926	
2010	69	500	69.208333333		03/10/2010 5:00	231.78	3.3207	0.39	16.8	0.425	13.05	41.2430	104.7291251	104.767924	2.388732	104.764800	
2010	69	600	69.250000000		03/10/2010 6:00	231.54	3.3173	0.39	16.82	0.424	13.03	41.2510	104.7267053	104.765505	2.386301	104.762369	
2010	69	700	69.291666667		03/10/2010 7:00	231.2	3.3125	0.39	16.81	0.425	13.83	41.2622	104.7232773	104.762077	2.382858	104.758925	
2010	69	800	69.333333333		03/10/2010 8:00	230.98	3.3094	0.39	16.81	0.425	13.75	41.2695	104.7210592	104.759858	2.380630	104.756697	
2010	69	900	69.375000000		03/10/2010 9:00	230.52	3.3030	0.39	16.81	0.424	13.69	41.2847	104.7164214	104.755221	2.375971	104.752039	
2010	69	1000	69.416666667		03/10/2010 10:00	230.23	3.2989	0.39	16.8	0.425	13.63	41.2943	104.7134975	104.752297	2.373034	104.749102	
2010	69	1100	69.458333333		03/10/2010 11:00	230.02	3.2959	0.39	16.8	0.425	13.58	41.3012	104.7113802	104.750179	2.370907	104.746975	
2010	69	1200	69.500000000		03/10/2010 12:00	229.51	3.2887	0.39	16.8	0.425	13.56	41.3181	104.7062382	104.745037	2.365742	104.741810	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1300	69.541666667		03/10/2010 13:00	229.27	3.2854	0.39	16.79	0.425	13.54	41.3261	104.7038185	104.742618	2.363311	104.739379	
2010	69	1400	69.583333333		03/10/2010 14:00	229.45	3.2879	0.39	16.79	0.425	13.52	41.3201	104.7056333	104.744432	2.365134	104.741202	
2010	69	1500	69.625000000		03/10/2010 15:00	228.42	3.2734	0.39	16.8	0.425	13.52	41.3542	104.6952485	104.734048	2.354703	104.730771	
2010	69	1600	69.666666667		03/10/2010 16:00	228.91	3.2803	0.39	16.8	0.425	13.49	41.3380	104.7001888	104.738988	2.359665	104.735733	
2010	69	1700	69.708333333		03/10/2010 17:00	228.55	3.2752	0.39	16.8	0.425	13.54	41.3499	104.6965592	104.735358	2.356019	104.732087	
2010	69	1800	69.750000000		03/10/2010 18:00	228.74	3.2779	0.39	16.81	0.425	13.47	41.3436	104.6984748	104.737274	2.357944	104.734011	
2010	69	1900	69.791666667		03/10/2010 19:00	228.61	3.2761	0.39	16.79	0.425	13.39	41.3479	104.6971641	104.735963	2.356627	104.732695	
2010	69	2000	69.833333333		03/10/2010 20:00	228.53	3.2749	0.39	16.81	0.424	13.34	41.3505	104.6963575	104.735157	2.355817	104.731885	
2010	69	2100	69.875000000		03/10/2010 21:00	228.35	3.2724	0.39	16.8	0.424	13.28	41.3565	104.6945427	104.733342	2.353994	104.730062	
2010	69	2200	69.916666667		03/10/2010 22:00	228.31	3.2718	0.39	16.8	0.424	13.24	41.3578	104.6941394	104.732939	2.353589	104.729657	
2010	69	2300	69.958333333		03/10/2010 23:00	228.28	3.2714	0.39	16.82	0.424	13.2	41.3588	104.6938369	104.732636	2.353285	104.729353	
2010	69	2400	70.000000000		03/11/2010 0:00	228.26	3.2711	0.39	16.81	0.424	13.18	41.3595	104.6936353	104.732435	2.353082	104.729150	
2010	70	100	70.041666667		03/11/2010 1:00	228.42	3.2734	0.39	16.79	0.425	13.14	41.3542	104.6952485	104.734048	2.354703	104.730771	
2010	70	200	70.083333333		03/11/2010 2:00	228.59	3.2758	0.39	16.82	0.424	13.1	41.3485	104.6969625	104.735762	2.356425	104.732492	
2010	70	300	70.125000000		03/11/2010 3:00	228.72	3.2776	0.39	16.82	0.424	13.07	41.3442	104.6982732	104.737072	2.357741	104.733809	
2010	70	400	70.166666667		03/11/2010 4:00	228.84	3.2793	0.39	16.81	0.424	13.05	41.3403	104.699483	104.738282	2.358957	104.735024	
2010	70	500	70.208333333		03/11/2010 5:00	228.95	3.2809	0.39	16.79	0.425	13.02	41.3366	104.7005921	104.739391	2.360071	104.736138	
2010	70	600	70.250000000		03/11/2010 6:00	228.98	3.2813	0.39	16.81	0.424	12.98	41.3356	104.7008946	104.739694	2.360374	104.736442	
2010	70	700	70.291666667		03/11/2010 7:00	228.89	3.2800	0.39	16.8	0.425	12.96	41.3386	104.6999872	104.738786	2.359463	104.735531	
2010	70	800	70.333333333		03/11/2010 8:00	228.7	3.2773	0.39	16.81	0.425	13.42	41.3449	104.6980715	104.736871	2.357539	104.733606	
2010	70	900	70.375000000		03/11/2010 9:00	228.45	3.2738	0.39	16.8	0.424	13.68	41.3532	104.6955509	104.734350	2.355007	104.731074	
2010	70	1000	70.416666667		03/11/2010 10:00	228.17	3.2699	0.39	16.81	0.424	13.65	41.3624	104.6927279	104.731527	2.352171	104.728239	
2010	70	1100	70.458333333		03/11/2010 11:00	227.98	3.2672	0.39	16.8	0.425	13.61	41.3687	104.6908122	104.729611	2.350247	104.726314	
2010	70	1200	70.500000000		03/11/2010 12:00	227.83	3.2651	0.39	16.79	0.425	13.59	41.3737	104.6892999	104.728099	2.348728	104.724795	
2010	70	1300	70.541666667		03/11/2010 13:00	227.66	3.2627	0.39	16.81	0.424	13.59	41.3793	104.6875859	104.726385	2.347006	104.723074	
2010	70	1400	70.583333333		03/11/2010 14:00	227.59	3.2617	0.39	16.81	0.425	13.58	41.3816	104.6868801	104.725679	2.346297	104.722365	
2010	70	1500	70.625000000		03/11/2010 15:00	227.29	3.2575	0.39	16.81	0.425	13.57	41.3916	104.6838554	104.722655	2.343259	104.719326	
2010	70	1600	70.666666667		03/11/2010 16:00	227.4	3.2590	0.39	16.8	0.425	13.58	41.3879	104.6849645	104.723764	2.344373	104.720440	
2010	70	1700	70.708333333		03/11/2010 17:00	227.13	3.2552	0.39	16.81	0.425	13.55	41.3968	104.6822423	104.721041	2.341638	104.717706	
2010	70	1800	70.750000000		03/11/2010 18:00	227.02	3.2537	0.39	16.81	0.425	13.45	41.4005	104.6811332	104.719932	2.340524	104.716592	
2010	70	1900	70.791666667		03/11/2010 19:00	227.08	3.2545	0.39	16.81	0.425	13.39	41.3985	104.6817382	104.720537	2.341132	104.717200	
2010	70	2000	70.833333333		03/11/2010 20:00	227.16	3.2556	0.39	16.79	0.425	13.33	41.3959	104.6825447	104.721344	2.341942	104.718010	
2010	70	2100	70.875000000		03/11/2010 21:00	227.4	3.2590	0.39	16.8	0.424	13.28	41.3879	104.6849645	104.723764	2.344373	104.720440	
2010	70	2200	70.916666667		03/11/2010 22:00	227.75	3.2640	0.39	16.81	0.424	13.23	41.3763	104.6884933	104.727293	2.347917	104.723985	
2010	70	2300	70.958333333		03/11/2010 23:00	228.03	3.2679	0.39	16.81	0.424	13.19	41.3671	104.6913164	104.730116	2.350753	104.726821	
2010	70	2400	71.000000000		03/12/2010 0:00	228.31	3.2718	0.39	16.81	0.425	13.15	41.3578	104.6941394	104.732939	2.353589	104.729657	
2010	71	100	71.041666667		03/12/2010 1:00	228.5	3.2745	0.39	16.8	0.425	13.11	41.3515	104.6960551	104.734854	2.355513	104.731581	
2010	71	200	71.083333333		03/12/2010 2:00	228.72	3.2776	0.39	16.8	0.425	13.08	41.3442	104.6982732	104.737072	2.357741	104.733809	
2010	71	300	71.125000000		03/12/2010 3:00	228.96	3.2810	0.39	16.8	0.425	13.05	41.3363	104.7006929	104.739492	2.360172	104.736240	
2010	71	400	71.166666667		03/12/2010 4:00	229.05	3.2823	0.39	16.8	0.425	13.02	41.3333	104.7016003	104.740400	2.361083	104.737151	
2010	71	500	71.208333333		03/12/2010 5:00	228.96	3.2810	0.39	16.81	0.425	12.98	41.3363	104.7006929	104.739492	2.360172	104.736240	
2010	71	600	71.250000000		03/12/2010 6:00	229.03	3.2820	0.39	16.8	0.424	12.96	41.3340	104.7013987	104.740198	2.360881	104.736948	
2010	71	700	71.291666667		03/12/2010 7:00	229.27	3.2854	0.39	16.79	0.425	12.94	41.3261	104.7038185	104.742618	2.363311	104.739379	
2010	71	800	71.333333333		03/12/2010 8:00	229.39	3.2870	0.39	16.82	0.425	13.5	41.3221	104.7050283	104.743828	2.364527	104.740594	
2010	71	900	71.375000000		03/12/2010 9:00	229.72	3.2917	0.39	16.81	0.425	13.5	41.3112	104.7083555	104.747155	2.367869	104.743937	
2010	71	1000	71.416666667		03/12/2010 10:00	229.87	3.2938	0.39	16.8	0.425	13.48	41.3062	104.7098678	104.748667	2.369388	104.745456	
2010	71	1100	71.458333333		03/12/2010 11:00	230.04	3.2962	0.39	16.81	0.425	13.46	41.3006	104.7115818	104.750381	2.371110	104.747177	
2010	71	1200	71.500000000		03/12/2010 12:00	230.13	3.2975	0.39	16.81	0.425	13.45	41.2976	104.7124893	104.751288	2.372021	104.748089	
2010	71	1300	71.541666667		03/12/2010 13:00	230.21	3.2986	0.39	16.82	0.425	13.45	41.2950	104.7132958	104.752095	2.372831	104.748899	
2010	71	1400	71.583333333		03/12/2010 14:00	230.3	3.2999	0.39	16.81	0.425	13.48	41.2920	104.7142032	104.753002	2.373743	104.749811	
2010	71	1500	71.625000000		03/12/2010 15:00	229.98	3.2954	0.39	16.81	0.425	13.5	41.3026	104.7109769	104.749776	2.370502	104.746570	
2010	71	1600	71.666666667		03/12/2010 16:00	229.51	3.2887	0.39	16.81	0.425	13.39	41.3181	104.7062382	104.745037	2.365742	104.741810	
2010	71	1700	71.708333333		03/12/2010 17:00	229.07	3.2825	0.39	16.82	0.425	13.32	41.3327	104.701802	104.740601	2.361286	104.737354	
2010	71	1800	71.750000000		03/12/2010 18:00	228.82	3.2790	0.39	16.82	0.425	13.27	41.3409	104.6992814	104.738081	2.358754	104.734822	
2010	71	1900	71.791666667		03/12/2010 19:00	228.75	3.2780	0.39	16.81	0.425	13.23	41.3433	104.6985756	104.737375	2.358045	104.734113	
2010	71	2000	71.833333333		03/12/2010 20:00	228.47	3.2741	0.39	16.81	0.425	13.19	41.3525	104.6957526	104.734552	2.355209	104.731277	
2010	71	2100	71.875000000		03/12/2010 21:00	228.25	3.2710	0.39	16.82	0.425	13.15	41.3598	104.6935345	104.732334	2.352981	104.729049	
2010	71	2200	71.916666667		03/12/2010 22:00	228.02	3.2678	0.39	16.81	0.425	13.11	41.3674	104.6912155	104.730015	2.350652	104.726720	
2010	71	2300	71.958333333		03/12/2010 23:00	227.85	3.2654	0.39	16.81	0.425	13.08	41.3730	104.6895015	104.728301	2.348930	104.724998	
2010	71	2400	72.000000000		03/13/2010 0:00	227.57	3.2614	0.39	16.81	0.425	13.04	41.3823	104.6866785	104.725478	2.346094	104.722162	
2010	72	100	72.041666667		03/13/2010 1:00	227.55	3.2611	0.39	16.82	0.425	13.02	41.3829	104.6864768	104.725276	2.345892	104.721960	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	200	72.083333333		03/13/2010 2:00	227.66	3.2627	0.39	16.82	0.425	12.98	41.3793	104.6875859	104.726385	2.347006	104.723074	
2010	72	300	72.125000000		03/13/2010 3:00	227.99	3.2673	0.39	16.81	0.425	12.95	41.3684	104.6909131	104.729712	2.350348	104.726416	
2010	72	400	72.166666667		03/13/2010 4:00	228.13	3.2693	0.39	16.83	0.425	12.92	41.3638	104.6923246	104.731124	2.351766	104.727834	
2010	72	500	72.208333333		03/13/2010 5:00	228.45	3.2738	0.39	16.82	0.425	12.88	41.3532	104.6955509	104.734350	2.355007	104.731074	
2010	72	600	72.250000000		03/13/2010 6:00	228.61	3.2761	0.39	16.82	0.424	12.86	41.3479	104.6971641	104.735963	2.356627	104.732695	
2010	72	700	72.291666667		03/13/2010 7:00	228.8	3.2787	0.39	16.82	0.425	13.78	41.3416	104.6990798	104.737879	2.358551	104.734619	
2010	72	800	72.333333333		03/13/2010 8:00	229.27	3.2854	0.39	16.82	0.425	13.69	41.3261	104.7038185	104.742618	2.363311	104.739379	
2010	72	900	72.375000000		03/13/2010 9:00	229.02	3.2818	0.39	16.81	0.425	13.65	41.3343	104.7012979	104.740097	2.360779	104.736847	
2010	72	1000	72.416666667		03/13/2010 10:00	228.96	3.2810	0.39	16.82	0.425	13.62	41.3363	104.7006929	104.739492	2.360172	104.736240	
2010	72	1100	72.458333333		03/13/2010 11:00	228.81	3.2789	0.39	16.81	0.425	13.56	41.3413	104.6991806	104.737980	2.358653	104.734720	
2010	72	1200	72.500000000		03/13/2010 12:00	228.75	3.2780	0.39	16.8	0.425	13.53	41.3433	104.6985756	104.737375	2.358045	104.734113	
2010	72	1300	72.541666667		03/13/2010 13:00	229.25	3.2851	0.39	16.81	0.425	13.49	41.3267	104.7036168	104.742416	2.363109	104.739177	
2010	72	1400	72.583333333		03/13/2010 14:00	228.74	3.2779	0.39	16.8	0.425	13.5	41.3436	104.6984748	104.737274	2.357944	104.734011	
2010	72	1500	72.625000000		03/13/2010 15:00	228.13	3.2693	0.39	16.82	0.425	13.45	41.3638	104.6923246	104.731124	2.351766	104.727834	
2010	72	1600	72.666666667		03/13/2010 16:00	228.95	3.2809	0.39	16.83	0.424	13.43	41.3366	104.7005921	104.739391	2.360071	104.736138	
2010	72	1700	72.708333333		03/13/2010 17:00	228.69	3.2772	0.39	16.82	0.425	13.47	41.3452	104.6979707	104.736770	2.357437	104.733505	
2010	72	1800	72.750000000		03/13/2010 18:00	228.76	3.2782	0.39	16.82	0.425	13.43	41.3429	104.6986765	104.737476	2.358146	104.734214	
2010	72	1900	72.791666667		03/13/2010 19:00	228.68	3.2770	0.39	16.82	0.425	13.35	41.3456	104.6978699	104.736669	2.357336	104.733404	
2010	72	2000	72.833333333		03/13/2010 20:00	228.6	3.2759	0.39	16.82	0.425	13.3	41.3482	104.6970633	104.735862	2.356526	104.732594	
2010	72	2100	72.875000000		03/13/2010 21:00	228.68	3.2770	0.39	16.82	0.425	13.24	41.3456	104.6978699	104.736669	2.357336	104.733404	
2010	72	2200	72.916666667		03/13/2010 22:00	228.74	3.2779	0.39	16.82	0.425	13.2	41.3436	104.6984748	104.737274	2.357944	104.734011	
2010	72	2300	72.958333333		03/13/2010 23:00	228.93	3.2806	0.39	16.82	0.425	13.16	41.3373	104.7003905	104.739190	2.359868	104.735936	
2010	72	2400	73.000000000		03/14/2010 0:00	229.01	3.2817	0.39	16.82	0.425	13.13	41.3347	104.701197	104.739996	2.360678	104.736746	
2010	73	100	73.041666667		03/14/2010 1:00	229.15	3.2837	0.39	16.82	0.425	13.1	41.3300	104.7026086	104.741408	2.362096	104.738164	
2010	73	200	73.083333333		03/14/2010 2:00	229.17	3.2839	0.39	16.82	0.425	13.06	41.3294	104.7028102	104.741609	2.362299	104.738366	
2010	73	300	73.125000000		03/14/2010 3:00	229.24	3.2849	0.39	16.82	0.425	13.03	41.3270	104.703516	104.742315	2.363008	104.739075	
2010	73	400	73.166666667		03/14/2010 4:00	229.36	3.2866	0.39	16.84	0.425	12.99	41.3231	104.7047259	104.743525	2.364223	104.740291	
2010	73	500	73.208333333		03/14/2010 5:00	229.31	3.2859	0.39	16.82	0.425	12.96	41.3247	104.7042217	104.743021	2.363717	104.739784	
2010	73	600	73.250000000		03/14/2010 6:00	229.22	3.2847	0.39	16.82	0.425	12.92	41.3277	104.7033143	104.742114	2.362805	104.738873	
2010	73	700	73.291666667		03/14/2010 7:00	228.93	3.2806	0.39	16.82	0.425	13.91	41.3373	104.7003905	104.739190	2.359868	104.735936	
2010	73	800	73.333333333		03/14/2010 8:00	228.77	3.2783	0.39	16.82	0.425	13.8	41.3426	104.6987773	104.737576	2.358248	104.734315	
2010	73	900	73.375000000		03/14/2010 9:00	228.38	3.2728	0.39	16.83	0.425	13.68	41.3555	104.6948452	104.733644	2.354298	104.730365	
2010	73	1000	73.416666667		03/14/2010 10:00	228.16	3.2697	0.39	16.8	0.425	13.63	41.3628	104.6926271	104.731426	2.352070	104.728137	
2010	73	1100	73.458333333		03/14/2010 11:00	228.22	3.2706	0.39	16.82	0.425	13.58	41.3608	104.693232	104.732031	2.352677	104.728745	
2010	73	1200	73.500000000		03/14/2010 12:00	227.91	3.2662	0.39	16.8	0.425	13.55	41.3710	104.6901065	104.728906	2.349538	104.725605	
2010	73	1300	73.541666667		03/14/2010 13:00	228.12	3.2692	0.39	16.82	0.425	13.52	41.3641	104.6922238	104.731023	2.351665	104.727732	
2010	73	1400	73.583333333		03/14/2010 14:00	227.99	3.2673	0.39	16.81	0.425	13.5	41.3684	104.6909131	104.729712	2.350348	104.726416	
2010	73	1500	73.625000000		03/14/2010 15:00	227.93	3.2665	0.39	16.83	0.425	13.48	41.3704	104.6903081	104.729107	2.349740	104.725808	
2010	73	1600	73.666666667		03/14/2010 16:00	227.65	3.2625	0.39	16.83	0.424	13.47	41.3796	104.6874851	104.726284	2.346905	104.722972	
2010	73	1700	73.708333333		03/14/2010 17:00	227.88	3.2658	0.39	16.82	0.425	13.5	41.3720	104.689804	104.728603	2.349234	104.725302	
2010	73	1800	73.750000000		03/14/2010 18:00	227.74	3.2638	0.39	16.83	0.425	13.43	41.3767	104.6883925	104.727192	2.347816	104.723884	
2010	73	1900	73.791666667		03/14/2010 19:00	227.6	3.2618	0.39	16.82	0.425	13.36	41.3813	104.686981	104.725780	2.346398	104.722466	
2010	73	2000	73.833333333		03/14/2010 20:00	227.32	3.2579	0.39	16.82	0.425	13.3	41.3906	104.6841579	104.722957	2.343562	104.719630	
2010	73	2100	73.875000000		03/14/2010 21:00	227.12	3.2551	0.39	16.82	0.425	13.24	41.3972	104.6821414	104.720941	2.341537	104.717605	
2010	73	2200	73.916666667		03/14/2010 22:00	226.82	3.2509	0.39	16.83	0.425	13.21	41.4071	104.6791167	104.717916	2.338499	104.714566	
2010	73	2300	73.958333333		03/14/2010 23:00	226.53	3.2468	0.39	16.82	0.425	13.17	41.4167	104.6761929	104.714992	2.335562	104.711629	
2010	73	2400	74.000000000		03/15/2010 0:00	226.22	3.2424	0.39	16.82	0.425	13.13	41.4269	104.6730673	104.711867	2.332422	104.708490	
2010	74	100	74.041666667		03/15/2010 1:00	226.05	3.2400	0.39	16.83	0.425	13.1	41.4326	104.6713534	104.710153	2.330700	104.706768	
2010	74	200	74.083333333		03/15/2010 2:00	225.78	3.2362	0.39	16.85	0.425	13.06	41.4415	104.6686311	104.707430	2.327966	104.704034	
2010	74	300	74.125000000		03/15/2010 3:00	225.44	3.2314	0.39	16.83	0.425	13.03	41.4527	104.6652031	104.704002	2.324522	104.700590	
2010	74	400	74.166666667		03/15/2010 4:00	225.27	3.2290	0.39	16.84	0.425	13	41.4584	104.6634891	104.702288	2.322801	104.698868	
2010	74	500	74.208333333		03/15/2010 5:00	225.09	3.2265	0.39	16.83	0.425	12.97	41.4643	104.6616743	104.700474	2.320978	104.697046	
2010	74	600	74.250000000		03/15/2010 6:00	224.88	3.2235	0.39	16.83	0.425	12.94	41.4713	104.659557	104.698356	2.318851	104.694919	
2010	74	700	74.291666667		03/15/2010 7:00	224.44	3.2174	0.39	16.83	0.425	13.78	41.4858	104.6551208	104.693920	2.314395	104.690463	
2010	74	800	74.333333333		03/15/2010 8:00	224.21	3.2141	0.39	16.82	0.425	13.71	41.4934	104.6528019	104.691601	2.312065	104.688133	
2010	74	900	74.375000000		03/15/2010 9:00	223.8	3.2083	0.39	16.82	0.425	13.63	41.5070	104.6486681	104.687467	2.307913	104.683981	
2010	74	1000	74.416666667		03/15/2010 10:00	223.73	3.2074	0.39	16.82	0.425	13.58	41.5093	104.6479624	104.686762	2.307204	104.683272	
2010	74	1100	74.458333333		03/15/2010 11:00	223.71	3.2071	0.39	16.85	0.425	13.53	41.5100	104.6477607	104.686560	2.307002	104.683069	
2010	74	1200	74.500000000		03/15/2010 12:00	223.55	3.2048	0.39	16.82	0.425	13.49	41.5153	104.6461475	104.684947	2.305381	104.681449	
2010	74	1300	74.541666667		03/15/2010 13:00	223.47	3.2037	0.39	16.83	0.425	13.45	41.5179	104.6453409	104.684140	2.304571	104.680639	
2010	74	1400	74.583333333		03/15/2010 14:00	223.4	3.2027	0.39	16.82	0.425	13.44	41.5202	104.6446352	104.683434	2.303862	104.679930	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1500	74.625000000		03/15/2010 15:00	223.13	3.1989	0.39	16.84	0.425	13.43	41.5292	104.641913	104.680712	2.301128	104.677195	
2010	74	1600	74.666666667		03/15/2010 16:00	223.09	3.1983	0.39	16.82	0.425	13.43	41.5305	104.6415097	104.680309	2.300722	104.676790	
2010	74	1700	74.708333333		03/15/2010 17:00	222.95	3.1964	0.39	16.84	0.425	13.45	41.5351	104.6400981	104.678897	2.299305	104.675372	
2010	74	1800	74.750000000		03/15/2010 18:00	222.96	3.1965	0.39	16.84	0.425	13.37	41.5348	104.640199	104.678998	2.299406	104.675474	
2010	74	1900	74.791666667		03/15/2010 19:00	222.76	3.1937	0.39	16.85	0.425	13.3	41.5414	104.6381825	104.676982	2.297380	104.673448	
2010	74	2000	74.833333333		03/15/2010 20:00	222.69	3.1927	0.39	16.85	0.425	13.24	41.5437	104.6374767	104.676276	2.296671	104.672739	
2010	74	2100	74.875000000		03/15/2010 21:00	222.56	3.1909	0.39	16.83	0.425	13.2	41.5480	104.636166	104.674965	2.295355	104.671423	
2010	74	2200	74.916666667		03/15/2010 22:00	222.42	3.1889	0.39	16.83	0.425	13.16	41.5526	104.6347545	104.673554	2.293937	104.670005	
2010	74	2300	74.958333333		03/15/2010 23:00	222.35	3.1879	0.39	16.82	0.425	13.12	41.5550	104.6340487	104.672848	2.293228	104.669296	
2010	74	2400	75.000000000		03/16/2010 0:00	222.29	3.1871	0.39	16.81	0.425	13.07	41.5569	104.6334438	104.672243	2.292620	104.668688	
2010	75	100	75.041666667		03/16/2010 1:00	222.18	3.1855	0.39	16.83	0.425	13.03	41.5606	104.6323347	104.671134	2.291506	104.667574	
2010	75	200	75.083333333		03/16/2010 2:00	222.13	3.1848	0.39	16.82	0.425	13	41.5622	104.6318306	104.670630	2.291000	104.667068	
2010	75	300	75.125000000		03/16/2010 3:00	222.07	3.1840	0.39	16.83	0.425	12.96	41.5642	104.6312257	104.670025	2.290392	104.666460	
2010	75	400	75.166666667		03/16/2010 4:00	221.96	3.1824	0.39	16.84	0.425	12.93	41.5679	104.6301166	104.668916	2.289278	104.665346	
2010	75	500	75.208333333		03/16/2010 5:00	221.95	3.1823	0.39	16.83	0.424	12.91	41.5682	104.6300158	104.668815	2.289177	104.665245	
2010	75	600	75.250000000		03/16/2010 6:00	221.85	3.1809	0.39	16.84	0.424	12.88	41.5715	104.6290076	104.667807	2.288164	104.664232	
2010	75	700	75.291666667		03/16/2010 7:00	221.62	3.1777	0.39	16.84	0.425	13.76	41.5791	104.6266886	104.665488	2.285835	104.661903	
2010	75	800	75.333333333		03/16/2010 8:00	221.32	3.1734	0.39	16.84	0.424	13.72	41.5890	104.6236639	104.662463	2.282797	104.658864	
2010	75	900	75.375000000		03/16/2010 9:00	220.97	3.1685	0.39	16.83	0.425	13.64	41.6006	104.6201351	104.658934	2.279252	104.655320	
2010	75	1000	75.416666667		03/16/2010 10:00	220.62	3.1636	0.39	16.83	0.425	13.57	41.6122	104.6166063	104.655406	2.275707	104.651775	
2010	75	1100	75.458333333		03/16/2010 11:00	220.43	3.1609	0.39	16.85	0.425	13.51	41.6185	104.6146907	104.653490	2.273783	104.649851	
2010	75	1200	75.500000000		03/16/2010 12:00	220.31	3.1592	0.39	16.83	0.425	13.45	41.6224	104.6134808	104.652280	2.272568	104.648635	
2010	75	1300	75.541666667		03/16/2010 13:00	220.65	3.1640	0.39	16.84	0.425	13.4	41.6112	104.6169088	104.655708	2.276011	104.652079	
2010	75	1400	75.583333333		03/16/2010 14:00	220.37	3.1601	0.39	16.83	0.425	13.36	41.6205	104.6140857	104.652885	2.273175	104.649243	
2010	75	1500	75.625000000		03/16/2010 15:00	220	3.1548	0.39	16.82	0.425	13.32	41.6327	104.6103553	104.649154	2.269428	104.645496	
2010	75	1600	75.666666667		03/16/2010 16:00	219.87	3.1530	0.39	16.82	0.424	13.3	41.6370	104.6090446	104.647844	2.268111	104.644179	
2010	75	1700	75.708333333		03/16/2010 17:00	220.23	3.1581	0.39	16.83	0.425	13.34	41.6251	104.6126742	104.651473	2.271757	104.647825	
2010	75	1800	75.750000000		03/16/2010 18:00	220.43	3.1609	0.39	16.83	0.425	13.3	41.6185	104.6146907	104.653490	2.273783	104.649851	
2010	75	1900	75.791666667		03/16/2010 19:00	220.21	3.1578	0.39	16.82	0.425	13.22	41.6257	104.6124726	104.651272	2.271555	104.647623	
2010	75	2000	75.833333333		03/16/2010 20:00	219.94	3.1540	0.39	16.84	0.424	13.16	41.6347	104.6097503	104.648550	2.268820	104.644888	
2010	75	2100	75.875000000		03/16/2010 21:00	219.95	3.1541	0.39	16.83	0.424	13.12	41.6343	104.6098512	104.648650	2.268922	104.644989	
2010	75	2200	75.916666667		03/16/2010 22:00	219.87	3.1530	0.39	16.84	0.424	13.08	41.6370	104.6090446	104.647844	2.268111	104.644179	
2010	75	2300	75.958333333		03/16/2010 23:00	220.08	3.1560	0.39	16.83	0.424	13.04	41.6300	104.6111619	104.649961	2.270238	104.646306	
2010	75	2400	76.000000000		03/17/2010 0:00	219.93	3.1539	0.39	16.83	0.424	13	41.6350	104.6096495	104.648449	2.268719	104.644787	
2010	76	100	76.041666667		03/17/2010 1:00	220.1	3.1563	0.39	16.83	0.424	12.96	41.6294	104.6113635	104.650163	2.270441	104.646509	
2010	76	200	76.083333333		03/17/2010 2:00	220.24	3.1582	0.39	16.82	0.424	12.94	41.6248	104.612775	104.651574	2.271859	104.647926	
2010	76	300	76.125000000		03/17/2010 3:00	220.3	3.1591	0.39	16.85	0.424	12.89	41.6228	104.61338	104.652179	2.272466	104.648534	
2010	76	400	76.166666667		03/17/2010 4:00	220.55	3.1626	0.39	16.82	0.424	12.87	41.6145	104.6159005	104.654700	2.274998	104.651066	
2010	76	500	76.208333333		03/17/2010 5:00	220.66	3.1641	0.389	16.84	0.424	12.83	41.6109	104.6170096	104.655809	2.276112	104.652180	
2010	76	600	76.250000000		03/17/2010 6:00	220.73	3.1651	0.39	16.83	0.424	12.8	41.6085	104.6177154	104.656515	2.276821	104.652889	
2010	76	700	76.291666667		03/17/2010 7:00	220.62	3.1636	0.39	16.84	0.425	13.4	41.6122	104.6166063	104.655406	2.275707	104.651775	
2010	76	800	76.333333333		03/17/2010 8:00	220.41	3.1606	0.39	16.84	0.424	13.67	41.6191	104.614489	104.653288	2.273580	104.649648	
2010	76	900	76.375000000		03/17/2010 9:00	219.86	3.1529	0.39	16.83	0.424	13.62	41.6373	104.6089437	104.647743	2.268010	104.644078	
2010	76	1000	76.416666667		03/17/2010 10:00	220.06	3.1557	0.39	16.83	0.424	13.55	41.6307	104.6109602	104.649759	2.270036	104.646103	
2010	76	1100	76.458333333		03/17/2010 11:00	219.4	3.1464	0.39	16.83	0.424	13.51	41.6525	104.6043059	104.643105	2.263351	104.639419	
2010	76	1200	76.500000000		03/17/2010 12:00	219.54	3.1484	0.39	16.83	0.424	13.48	41.6479	104.6057174	104.644517	2.264769	104.640837	
2010	76	1300	76.541666667		03/17/2010 13:00	219.6	3.1492	0.39	16.84	0.424	13.46	41.6459	104.6063223	104.645122	2.265377	104.641445	
2010	76	1400	76.583333333		03/17/2010 14:00	219.53	3.1482	0.39	16.83	0.424	13.43	41.6482	104.6056166	104.644416	2.264668	104.640736	
2010	76	1500	76.625000000		03/17/2010 15:00	219.43	3.1468	0.39	16.83	0.424	13.45	41.6515	104.6046083	104.643408	2.263655	104.639723	
2010	76	1600	76.666666667		03/17/2010 16:00	219.18	3.1433	0.39	16.83	0.424	13.43	41.6598	104.6020878	104.640887	2.261123	104.637191	
2010	76	1700	76.708333333		03/17/2010 17:00	219.17	3.1432	0.39	16.83	0.424	13.42	41.6601	104.6019869	104.640786	2.261022	104.637090	
2010	76	1800	76.750000000		03/17/2010 18:00	219.53	3.1482	0.39	16.85	0.424	13.39	41.6482	104.6056166	104.644416	2.264668	104.640736	
2010	76	1900	76.791666667		03/17/2010 19:00	219.32	3.1453	0.39	16.82	0.424	13.31	41.6552	104.6034993	104.642298	2.262541	104.638609	
2010	76	2000	76.833333333		03/17/2010 20:00	219.01	3.1409	0.39	16.83	0.424	13.26	41.6654	104.6003738	104.639173	2.259402	104.635469	
2010	76	2100	76.875000000		03/17/2010 21:00	218.85	3.1387	0.39	16.83	0.424	13.21	41.6707	104.5987606	104.637560	2.257781	104.633849	
2010	76	2200	76.916666667		03/17/2010 22:00	218.6	3.1351	0.39	16.83	0.424	13.17	41.6790	104.59624	104.635039	2.255249	104.631317	
2010	76	2300	76.958333333		03/17/2010 23:00	218.39	3.1322	0.39	16.85	0.424	13.12	41.6859	104.5941227	104.632922	2.253123	104.629190	
2010	76	2400	77.000000000		03/18/2010 0:00	218.23	3.1299	0.39	16.86	0.424	13.09	41.6912	104.5925095	104.631309	2.251502	104.627570	
2010	77	100	77.041666667		03/18/2010 1:00	218.03	3.1271	0.39	16.84	0.424	13.06	41.6979	104.5904931	104.629292	2.249477	104.625544	
2010	77	200	77.083333333		03/18/2010 2:00	217.94	3.1258	0.39	16.83	0.424	13.02	41.7008	104.5895857	104.628385	2.248565	104.624633	
2010	77	300	77.125000000		03/18/2010 3:00	217.82	3.1242	0.39	16.85	0.424	12.99	41.7048	104.5883758	104.627175	2.247350	104.623417	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	400	77.166666667		03/18/2010 4:00	217.57	3.1206	0.39	16.86	0.424	12.96	41.7131	104.5858552	104.624654	2.244818	104.620886	
2010	77	500	77.208333333		03/18/2010 5:00	217.49	3.1195	0.39	16.85	0.424	12.93	41.7157	104.5850486	104.623848	2.244008	104.620075	
2010	77	600	77.250000000		03/18/2010 6:00	217.37	3.1178	0.39	16.85	0.424	12.89	41.7197	104.5838387	104.622638	2.242792	104.618860	
2010	77	700	77.291666667		03/18/2010 7:00	217	3.1126	0.39	16.85	0.424	13.8	41.7319	104.5801083	104.618907	2.239045	104.615113	
2010	77	800	77.333333333		03/18/2010 8:00	216.87	3.1108	0.39	16.84	0.424	13.7	41.7362	104.5787976	104.617597	2.237728	104.613796	
2010	77	900	77.375000000		03/18/2010 9:00	216.43	3.1046	0.39	16.84	0.424	13.63	41.7508	104.5743614	104.613161	2.233272	104.609340	
2010	77	1000	77.416666667		03/18/2010 10:00	216.35	3.1035	0.39	16.82	0.424	13.57	41.7534	104.5735548	104.612354	2.232462	104.608530	
2010	77	1100	77.458333333		03/18/2010 11:00	215.94	3.0977	0.39	16.84	0.424	13.53	41.7670	104.569421	104.608220	2.228310	104.604377	
2010	77	1200	77.500000000		03/18/2010 12:00	216.09	3.0998	0.39	16.85	0.424	13.51	41.7620	104.5709334	104.609733	2.229829	104.605897	
2010	77	1300	77.541666667		03/18/2010 13:00	215.81	3.0959	0.39	16.82	0.424	13.49	41.7713	104.5681103	104.606910	2.226993	104.603061	
2010	77	1400	77.583333333		03/18/2010 14:00	215.77	3.0953	0.39	16.83	0.424	13.47	41.7726	104.567707	104.606506	2.226588	104.602656	
2010	77	1500	77.625000000		03/18/2010 15:00	215.41	3.0902	0.39	16.84	0.424	13.44	41.7845	104.5640774	104.602877	2.222942	104.599010	
2010	77	1600	77.666666667		03/18/2010 16:00	215.39	3.0899	0.389	16.85	0.424	13.42	41.7852	104.5638757	104.602675	2.222740	104.598807	
2010	77	1700	77.708333333		03/18/2010 17:00	215.48	3.0912	0.39	16.84	0.424	13.42	41.7822	104.5647831	104.603582	2.223651	104.599719	
2010	77	1800	77.750000000		03/18/2010 18:00	215.53	3.0919	0.39	16.84	0.424	13.39	41.7806	104.5652873	104.604086	2.224157	104.600225	
2010	77	1900	77.791666667		03/18/2010 19:00	215.18	3.0870	0.389	16.83	0.424	13.32	41.7921	104.5617584	104.600558	2.220613	104.596680	
2010	77	2000	77.833333333		03/18/2010 20:00	215.04	3.0850	0.39	16.83	0.424	13.26	41.7968	104.5603469	104.599146	2.219195	104.595263	
2010	77	2100	77.875000000		03/18/2010 21:00	215	3.0844	0.389	16.83	0.424	13.21	41.7981	104.5599436	104.598743	2.218790	104.594857	
2010	77	2200	77.916666667		03/18/2010 22:00	215.05	3.0852	0.39	16.84	0.424	13.17	41.7964	104.5604477	104.599247	2.219296	104.595364	
2010	77	2300	77.958333333		03/18/2010 23:00	215.06	3.0853	0.39	16.85	0.424	13.12	41.7961	104.5605486	104.599348	2.219397	104.595465	
2010	77	2400	78.000000000		03/19/2010 0:00	215.09	3.0857	0.39	16.86	0.424	13.09	41.7951	104.560851	104.599650	2.219701	104.595769	
2010	78	100	78.041666667		03/19/2010 1:00	215.1	3.0859	0.39	16.86	0.424	13.06	41.7948	104.5609519	104.599751	2.219803	104.595870	
2010	78	200	78.083333333		03/19/2010 2:00	215.2	3.0873	0.39	16.86	0.424	13.03	41.7915	104.5619601	104.600759	2.220815	104.596883	
2010	78	300	78.125000000		03/19/2010 3:00	215.3	3.0887	0.39	16.86	0.424	12.99	41.7882	104.5629683	104.601768	2.221828	104.597896	
2010	78	400	78.166666667		03/19/2010 4:00	215.4	3.0901	0.39	16.84	0.424	12.96	41.7849	104.5639766	104.602776	2.222841	104.598909	
2010	78	500	78.208333333		03/19/2010 5:00	215.53	3.0919	0.39	16.85	0.424	12.93	41.7806	104.5652873	104.604086	2.224157	104.600225	
2010	78	600	78.250000000		03/19/2010 6:00	215.68	3.0940	0.39	16.84	0.424	12.89	41.7756	104.5667996	104.605599	2.225677	104.601744	
2010	78	700	78.291666667		03/19/2010 7:00	215.51	3.0916	0.389	16.85	0.424	13.83	41.7812	104.5650856	104.603885	2.223955	104.600023	
2010	78	800	78.333333333		03/19/2010 8:00	215.66	3.0937	0.389	16.86	0.424	13.72	41.7763	104.566598	104.605397	2.225474	104.601542	
2010	78	900	78.375000000		03/19/2010 9:00	215.7	3.0943	0.389	16.85	0.424	13.65	41.7749	104.5670013	104.605800	2.225879	104.601947	
2010	78	1000	78.416666667		03/19/2010 10:00	215.8	3.0957	0.389	16.84	0.424	13.6	41.7716	104.5680095	104.606809	2.226892	104.602960	
2010	78	1100	78.458333333		03/19/2010 11:00	216.1	3.0999	0.389	16.84	0.424	13.56	41.7617	104.5710342	104.609833	2.229930	104.605998	
2010	78	1200	78.500000000		03/19/2010 12:00	216.34	3.1033	0.389	16.84	0.424	13.52	41.7538	104.5734539	104.612253	2.232361	104.608429	
2010	78	1300	78.541666667		03/19/2010 13:00	216.81	3.1099	0.389	16.84	0.424	13.48	41.7382	104.5781926	104.616992	2.237121	104.613189	
2010	78	1400	78.583333333		03/19/2010 14:00	217.09	3.1139	0.39	16.85	0.424	13.45	41.7290	104.5810157	104.619815	2.239957	104.616024	
2010	78	1500	78.625000000		03/19/2010 15:00	217.3	3.1168	0.389	16.85	0.424	13.42	41.7220	104.583133	104.621932	2.242083	104.618151	
2010	78	1600	78.666666667		03/19/2010 16:00	217.87	3.1249	0.389	16.84	0.424	13.41	41.7031	104.5888799	104.627679	2.247856	104.623924	
2010	78	1700	78.708333333		03/19/2010 17:00	218.22	3.1298	0.389	16.85	0.424	13.43	41.6916	104.5924087	104.631208	2.251401	104.627469	
2010	78	1800	78.750000000		03/19/2010 18:00	218.96	3.1402	0.39	16.84	0.424	13.4	41.6671	104.5998696	104.638669	2.258895	104.634963	
2010	78	1900	78.791666667		03/19/2010 19:00	219.13	3.1426	0.389	16.84	0.424	13.32	41.6615	104.6015836	104.640383	2.260617	104.636685	
2010	78	2000	78.833333333		03/19/2010 20:00	219.39	3.1463	0.39	16.85	0.424	13.26	41.6529	104.604205	104.643004	2.263250	104.639318	
2010	78	2100	78.875000000		03/19/2010 21:00	219.68	3.1503	0.39	16.85	0.424	13.21	41.6433	104.6071289	104.645928	2.266187	104.642255	
2010	78	2200	78.916666667		03/19/2010 22:00	219.8	3.1520	0.39	16.83	0.424	13.17	41.6393	104.6083388	104.647138	2.267403	104.643470	
2010	78	2300	78.958333333		03/19/2010 23:00	219.87	3.1530	0.39	16.84	0.424	13.13	41.6370	104.6090446	104.647844	2.268111	104.644179	
2010	78	2400	79.000000000		03/20/2010 0:00	219.97	3.1544	0.39	16.86	0.424	13.09	41.6337	104.6100528	104.648852	2.269124	104.645192	
2010	79	100	79.041666667		03/20/2010 1:00	220.04	3.1554	0.389	16.86	0.424	13.05	41.6314	104.6107586	104.649558	2.269833	104.645901	
2010	79	200	79.083333333		03/20/2010 2:00	220.09	3.1561	0.39	16.85	0.424	13.02	41.6297	104.6112627	104.650062	2.270340	104.646407	
2010	79	300	79.125000000		03/20/2010 3:00	219.99	3.1547	0.389	16.84	0.424	12.99	41.6330	104.6102544	104.649054	2.269327	104.645394	
2010	79	400	79.166666667		03/20/2010 4:00	219.93	3.1539	0.39	16.86	0.424	12.95	41.6350	104.6096495	104.648449	2.268719	104.644787	
2010	79	500	79.208333333		03/20/2010 5:00	219.88	3.1532	0.389	16.86	0.424	12.92	41.6367	104.6091454	104.647945	2.268213	104.644280	
2010	79	600	79.250000000		03/20/2010 6:00	219.9	3.1534	0.39	16.85	0.424	12.89	41.6360	104.609347	104.648146	2.268415	104.644483	
2010	79	700	79.291666667		03/20/2010 7:00	219.62	3.1495	0.39	16.87	0.424	13.89	41.6453	104.606524	104.645323	2.265580	104.641647	
2010	79	800	79.333333333		03/20/2010 8:00	219.59	3.1491	0.389	16.86	0.424	13.78	41.6463	104.6062215	104.645021	2.265276	104.641343	
2010	79	900	79.375000000		03/20/2010 9:00	219.67	3.1502	0.39	16.84	0.424	13.66	41.6436	104.6070281	104.645827	2.266086	104.642154	
2010	79	1000	79.416666667		03/20/2010 10:00	219.74	3.1512	0.39	16.85	0.424	13.62	41.6413	104.6077339	104.646533	2.266795	104.642863	
2010	79	1100	79.458333333		03/20/2010 11:00	219.47	3.1474	0.39	16.86	0.424	13.56	41.6502	104.6050116	104.643811	2.264060	104.640128	
2010	79	1200	79.500000000		03/20/2010 12:00	219.33	3.1454	0.39	16.84	0.424	13.53	41.6549	104.6036001	104.642399	2.262643	104.638710	
2010	79	1300	79.541666667		03/20/2010 13:00	219.12	3.1425	0.39	16.84	0.424	13.47	41.6618	104.6014828	104.640282	2.260516	104.636583	
2010	79	1400	79.583333333		03/20/2010 14:00	219.45	3.1471	0.39	16.84	0.424	13.43	41.6509	104.60481	104.643609	2.263858	104.639926	
2010	79	1500	79.625000000		03/20/2010 15:00	218.95	3.1401	0.389	16.85	0.424	13.39	41.6674	104.5997688	104.638568	2.258794	104.634862	
2010	79	1600	79.666666667		03/20/2010 16:00	219.13	3.1426	0.389	16.85	0.424	13.38	41.6615	104.6015836	104.640383	2.260617	104.636685	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1700	79.708333333		03/20/2010 17:00	219.5	3.1478	0.389	16.85	0.424	13.38	41.6492	104.6053141	104.644113	2.264364	104.640432	
2010	79	1800	79.750000000		03/20/2010 18:00	219.72	3.1509	0.39	16.84	0.424	13.37	41.6420	104.6075322	104.646331	2.266592	104.642660	
2010	79	1900	79.791666667		03/20/2010 19:00	219.61	3.1494	0.39	16.86	0.424	13.29	41.6456	104.6064232	104.645222	2.265478	104.641546	
2010	79	2000	79.833333333		03/20/2010 20:00	219.67	3.1502	0.39	16.85	0.424	13.23	41.6436	104.6070281	104.645827	2.266086	104.642154	
2010	79	2100	79.875000000		03/20/2010 21:00	219.58	3.1489	0.39	16.84	0.424	13.18	41.6466	104.6061207	104.644920	2.265174	104.641242	
2010	79	2200	79.916666667		03/20/2010 22:00	219.52	3.1481	0.39	16.85	0.424	13.14	41.6486	104.6055158	104.644315	2.264567	104.640634	
2010	79	2300	79.958333333		03/20/2010 23:00	219.39	3.1463	0.39	16.86	0.424	13.11	41.6529	104.604205	104.643004	2.263250	104.639318	
2010	79	2400	80.000000000		03/21/2010 0:00	219.2	3.1436	0.39	16.85	0.424	13.08	41.6592	104.6022894	104.641089	2.261326	104.637394	
2010	80	100	80.041666667		03/21/2010 1:00	219.39	3.1463	0.39	16.85	0.424	13.04	41.6529	104.604205	104.643004	2.263250	104.639318	
2010	80	200	80.083333333		03/21/2010 2:00	219.49	3.1477	0.39	16.86	0.424	13.01	41.6496	104.6052133	104.644012	2.264263	104.640331	
2010	80	300	80.125000000		03/21/2010 3:00	219.56	3.1486	0.39	16.85	0.424	12.98	41.6472	104.605919	104.644718	2.264972	104.641040	
2010	80	400	80.166666667		03/21/2010 4:00	219.63	3.1496	0.39	16.85	0.424	12.95	41.6449	104.6066248	104.645424	2.265681	104.641749	
2010	80	500	80.208333333		03/21/2010 5:00	219.69	3.1505	0.39	16.85	0.425	12.92	41.6429	104.6072297	104.646029	2.266288	104.642356	
2010	80	600	80.250000000		03/21/2010 6:00	219.78	3.1517	0.39	16.84	0.425	12.9	41.6400	104.6081372	104.646936	2.267200	104.643268	
2010	80	700	80.291666667		03/21/2010 7:00	219.92	3.1537	0.39	16.85	0.425	13.03	41.6353	104.6095487	104.648348	2.268618	104.644686	
2010	80	800	80.333333333		03/21/2010 8:00	220.08	3.1560	0.39	16.85	0.424	13.53	41.6300	104.6111619	104.649961	2.270238	104.646306	
2010	80	900	80.375000000		03/21/2010 9:00	220.1	3.1563	0.39	16.85	0.425	13.53	41.6294	104.6113635	104.650163	2.270441	104.646509	
2010	80	1000	80.416666667		03/21/2010 10:00	220.45	3.1612	0.39	16.86	0.425	13.52	41.6178	104.6148923	104.653692	2.273985	104.650053	
2010	80	1100	80.458333333		03/21/2010 11:00	220.61	3.1634	0.39	16.86	0.425	13.51	41.6125	104.6165055	104.655305	2.275606	104.651674	
2010	80	1200	80.500000000		03/21/2010 12:00	220.84	3.1667	0.39	16.87	0.425	13.5	41.6049	104.6188244	104.657624	2.277935	104.654003	
2010	80	1300	80.541666667		03/21/2010 13:00	220.65	3.1640	0.39	16.85	0.425	13.49	41.6112	104.6169088	104.655708	2.276011	104.652079	
2010	80	1400	80.583333333		03/21/2010 14:00	220.71	3.1648	0.39	16.86	0.425	13.46	41.6092	104.6175137	104.656313	2.276619	104.652686	
2010	80	1500	80.625000000		03/21/2010 15:00	221.08	3.1700	0.39	16.85	0.425	13.47	41.5970	104.6212442	104.660043	2.280366	104.656434	
2010	80	1600	80.666666667		03/21/2010 16:00	221.49	3.1758	0.39	16.85	0.425	13.45	41.5834	104.6253779	104.664177	2.284518	104.660586	
2010	80	1700	80.708333333		03/21/2010 17:00	221.09	3.1702	0.39	16.85	0.425	13.45	41.5966	104.621345	104.660144	2.280467	104.656535	
2010	80	1800	80.750000000		03/21/2010 18:00	221.03	3.1693	0.39	16.86	0.425	13.36	41.5986	104.6207401	104.659539	2.279860	104.655927	
2010	80	1900	80.791666667		03/21/2010 19:00	221.04	3.1695	0.39	16.86	0.425	13.29	41.5983	104.6208409	104.659640	2.279961	104.656029	
2010	80	2000	80.833333333		03/21/2010 20:00	221.12	3.1706	0.39	16.87	0.425	13.24	41.5956	104.6216475	104.660447	2.280771	104.656839	
2010	80	2100	80.875000000		03/21/2010 21:00	221.16	3.1712	0.39	16.85	0.425	13.19	41.5943	104.6220508	104.660850	2.281176	104.657244	
2010	80	2200	80.916666667		03/21/2010 22:00	221.26	3.1726	0.39	16.85	0.425	13.15	41.5910	104.623059	104.661858	2.282189	104.658257	
2010	80	2300	80.958333333		03/21/2010 23:00	221.37	3.1741	0.39	16.85	0.425	13.11	41.5874	104.6241681	104.662967	2.283303	104.659371	
2010	80	2400	81.000000000		03/22/2010 0:00	221.37	3.1741	0.391	16.86	0.425	13.07	41.5874	104.6241681	104.662967	2.283303	104.659371	
2010	81	100	81.041666667		03/22/2010 1:00	221.48	3.1757	0.39	16.86	0.425	13.04	41.5837	104.6252771	104.664076	2.284417	104.660485	
2010	81	200	81.083333333		03/22/2010 2:00	221.47	3.1755	0.39	16.86	0.425	13	41.5841	104.6251763	104.663975	2.284316	104.660383	
2010	81	300	81.125000000		03/22/2010 3:00	221.5	3.1760	0.39	16.86	0.425	12.97	41.5831	104.6254788	104.664278	2.284620	104.660687	
2010	81	400	81.166666667		03/22/2010 4:00	221.52	3.1762	0.391	16.85	0.425	12.94	41.5824	104.6256804	104.664480	2.284822	104.660890	
2010	81	500	81.208333333		03/22/2010 5:00	221.52	3.1762	0.39	16.85	0.425	12.91	41.5824	104.6256804	104.664480	2.284822	104.660890	
2010	81	600	81.250000000		03/22/2010 6:00	221.51	3.1761	0.39	16.87	0.425	12.87	41.5827	104.6255796	104.664379	2.284721	104.660789	
2010	81	700	81.291666667		03/22/2010 7:00	221.41	3.1747	0.39	16.86	0.425	13.7	41.5861	104.6245714	104.663371	2.283708	104.659776	
2010	81	800	81.333333333		03/22/2010 8:00	221.29	3.1730	0.39	16.86	0.425	13.62	41.5900	104.6233615	104.662161	2.282493	104.658560	
2010	81	900	81.375000000		03/22/2010 9:00	221.33	3.1736	0.391	16.85	0.425	13.56	41.5887	104.6237648	104.662564	2.282898	104.658966	
2010	81	1000	81.416666667		03/22/2010 10:00	221.79	3.1800	0.39	16.85	0.425	13.51	41.5735	104.6284026	104.667202	2.287557	104.663624	
2010	81	1100	81.458333333		03/22/2010 11:00	220.96	3.1684	0.391	16.85	0.425	13.49	41.6009	104.6200343	104.658834	2.279151	104.655218	
2010	81	1200	81.500000000		03/22/2010 12:00	221.5	3.1760	0.391	16.85	0.425	13.46	41.5831	104.6254788	104.664278	2.284620	104.660687	
2010	81	1300	81.541666667		03/22/2010 13:00	221.34	3.1737	0.391	16.85	0.425	13.43	41.5884	104.6238656	104.662665	2.282999	104.659067	
2010	81	1400	81.583333333		03/22/2010 14:00	221.09	3.1702	0.391	16.85	0.425	13.41	41.5966	104.621345	104.660144	2.280467	104.656535	
2010	81	1500	81.625000000		03/22/2010 15:00	221.03	3.1693	0.391	16.85	0.425	13.39	41.5986	104.6207401	104.659539	2.279860	104.655927	
2010	81	1600	81.666666667		03/22/2010 16:00	220.83	3.1665	0.39	16.86	0.425	13.41	41.6052	104.6187236	104.657523	2.277834	104.653902	
2010	81	1700	81.708333333		03/22/2010 17:00	220.75	3.1654	0.39	16.87	0.425	13.41	41.6079	104.617917	104.656716	2.277024	104.653091	
2010	81	1800	81.750000000		03/22/2010 18:00	220.74	3.1653	0.39	16.85	0.425	13.39	41.6082	104.6178162	104.656615	2.276923	104.652990	
2010	81	1900	81.791666667		03/22/2010 19:00	220.33	3.1595	0.39	16.87	0.425	13.31	41.6218	104.6136824	104.652482	2.272770	104.648838	
2010	81	2000	81.833333333		03/22/2010 20:00	220.04	3.1554	0.39	16.85	0.425	13.25	41.6314	104.6107586	104.649558	2.269833	104.645901	
2010	81	2100	81.875000000		03/22/2010 21:00	219.77	3.1516	0.39	16.86	0.425	13.2	41.6403	104.6080363	104.646836	2.267099	104.643166	
2010	81	2200	81.916666667		03/22/2010 22:00	219.53	3.1482	0.39	16.86	0.425	13.15	41.6482	104.6056166	104.644416	2.264668	104.640736	
2010	81	2300	81.958333333		03/22/2010 23:00	219.23	3.1440	0.39	16.86	0.425	13.11	41.6582	104.6025919	104.641391	2.261630	104.637697	
2010	81	2400	82.000000000		03/23/2010 0:00	219.05	3.1415	0.39	16.86	0.425	13.08	41.6641	104.6007771	104.639576	2.259807	104.635874	
2010	82	100	82.041666667		03/23/2010 1:00	218.76	3.1374	0.39	16.88	0.425	13.05	41.6737	104.5978532	104.636652	2.256870	104.632937	
2010	82	200	82.083333333		03/23/2010 2:00	218.5	3.1337	0.39	16.88	0.425	13.02	41.6823	104.5952318	104.634031	2.254237	104.630304	
2010	82	300	82.125000000		03/23/2010 3:00	218.24	3.1301	0.39	16.86	0.425	12.98	41.6909	104.5926104	104.631410	2.251603	104.627671	
2010	82	400	82.166666667		03/23/2010 4:00	218.01	3.1268	0.39	16.87	0.425	12.95	41.6985	104.5902914	104.629091	2.249274	104.625342	
2010	82	500	82.208333333		03/23/2010 5:00	217.87	3.1249	0.39	16.87	0.425	12.92	41.7031	104.5888799	104.627679	2.247856	104.623924	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	600	82.250000000		03/23/2010 6:00	217.59	3.1209	0.39	16.87	0.425	12.89	41.7124	104.5860569	104.624856	2.245020	104.621088	
2010	82	700	82.291666667		03/23/2010 7:00	217.2	3.1154	0.39	16.86	0.425	13.74	41.7253	104.5821248	104.620924	2.241071	104.617138	
2010	82	800	82.333333333		03/23/2010 8:00	216.96	3.1120	0.39	16.87	0.425	13.65	41.7333	104.579705	104.618504	2.238640	104.614708	
2010	82	900	82.375000000		03/23/2010 9:00	216.4	3.1042	0.39	16.85	0.425	13.6	41.7518	104.5740589	104.612858	2.232968	104.609036	
2010	82	1000	82.416666667		03/23/2010 10:00	216.23	3.1018	0.39	16.85	0.425	13.54	41.7574	104.5723449	104.611144	2.231247	104.607314	
2010	82	1100	82.458333333		03/23/2010 11:00	215.76	3.0951	0.391	16.87	0.426	13.5	41.7729	104.5676062	104.606405	2.226487	104.602554	
2010	82	1200	82.500000000		03/23/2010 12:00	215.58	3.0926	0.392	16.86	0.426	13.47	41.7789	104.5657914	104.604591	2.224664	104.600732	
2010	82	1300	82.541666667		03/23/2010 13:00	215.77	3.0953	0.391	16.85	0.426	13.43	41.7726	104.567707	104.606506	2.226588	104.602656	
2010	82	1400	82.583333333		03/23/2010 14:00	215.29	3.0885	0.391	16.85	0.425	13.41	41.7885	104.5628675	104.601667	2.221727	104.597795	
2010	82	1500	82.625000000		03/23/2010 15:00	214.99	3.0843	0.391	16.86	0.425	13.39	41.7984	104.5598428	104.598642	2.218688	104.594756	
2010	82	1600	82.666666667		03/23/2010 16:00	215.37	3.0897	0.39	16.87	0.425	13.39	41.7858	104.5636741	104.602473	2.222537	104.598605	
2010	82	1700	82.708333333		03/23/2010 17:00	215.36	3.0895	0.39	16.85	0.425	13.4	41.7862	104.5635733	104.602372	2.222436	104.598503	
2010	82	1800	82.750000000		03/23/2010 18:00	215.72	3.0946	0.39	16.86	0.425	13.38	41.7743	104.5672029	104.606002	2.226082	104.602149	
2010	82	1900	82.791666667		03/23/2010 19:00	215.78	3.0954	0.39	16.88	0.425	13.3	41.7723	104.5678078	104.606607	2.226689	104.602757	
2010	82	2000	82.833333333		03/23/2010 20:00	215.99	3.0984	0.39	16.86	0.425	13.24	41.7653	104.5699251	104.608724	2.228816	104.604884	
2010	82	2100	82.875000000		03/23/2010 21:00	216.18	3.1011	0.39	16.87	0.425	13.19	41.7591	104.5718408	104.610640	2.230740	104.606808	
2010	82	2200	82.916666667		03/23/2010 22:00	216.47	3.1051	0.39	16.85	0.425	13.15	41.7495	104.5747647	104.613564	2.233677	104.609745	
2010	82	2300	82.958333333		03/23/2010 23:00	216.61	3.1071	0.39	16.88	0.425	13.11	41.7448	104.5761762	104.614975	2.235095	104.611163	
2010	82	2400	83.000000000		03/24/2010 0:00	216.84	3.1104	0.39	16.86	0.425	13.08	41.7372	104.5784951	104.617294	2.237425	104.613492	
2010	83	100	83.041666667		03/24/2010 1:00	217.13	3.1144	0.39	16.87	0.425	13.04	41.7276	104.581419	104.620218	2.240362	104.616429	
2010	83	200	83.083333333		03/24/2010 2:00	217.28	3.1165	0.391	16.86	0.425	13.01	41.7227	104.5829313	104.621731	2.241881	104.617949	
2010	83	300	83.125000000		03/24/2010 3:00	217.51	3.1198	0.391	16.86	0.425	12.97	41.7151	104.5852503	104.624049	2.244210	104.620278	
2010	83	400	83.166666667		03/24/2010 4:00	217.71	3.1226	0.39	16.87	0.425	12.95	41.7084	104.5872667	104.626066	2.246236	104.622303	
2010	83	500	83.208333333		03/24/2010 5:00	217.82	3.1242	0.39	16.87	0.425	12.91	41.7048	104.5883758	104.627175	2.247350	104.623417	
2010	83	600	83.250000000		03/24/2010 6:00	217.91	3.1254	0.39	16.86	0.425	12.88	41.7018	104.5892832	104.628082	2.248261	104.624329	
2010	83	700	83.291666667		03/24/2010 7:00	217.89	3.1251	0.39	16.87	0.425	13.83	41.7025	104.5890816	104.627881	2.248059	104.624126	
2010	83	800	83.333333333		03/24/2010 8:00	217.93	3.1257	0.39	16.88	0.425	13.74	41.7012	104.5894848	104.628284	2.248464	104.624532	
2010	83	900	83.375000000		03/24/2010 9:00	218.1	3.1281	0.39	16.87	0.425	13.65	41.6955	104.5911988	104.629998	2.250186	104.626253	
2010	83	1000	83.416666667		03/24/2010 10:00	218.18	3.1292	0.39	16.85	0.425	13.6	41.6929	104.5920054	104.630805	2.250996	104.627063	
2010	83	1100	83.458333333		03/24/2010 11:00	218.13	3.1285	0.39	16.85	0.425	13.54	41.6945	104.5915013	104.630301	2.250489	104.626557	
2010	83	1200	83.500000000		03/24/2010 12:00	218.47	3.1333	0.39	16.86	0.425	13.5	41.6833	104.5949293	104.633729	2.253933	104.630000	
2010	83	1300	83.541666667		03/24/2010 13:00	218.43	3.1327	0.39	16.86	0.425	13.47	41.6846	104.594526	104.633325	2.253528	104.629595	
2010	83	1400	83.583333333		03/24/2010 14:00	218.62	3.1354	0.39	16.85	0.425	13.42	41.6783	104.5964417	104.635241	2.255452	104.631520	
2010	83	1500	83.625000000		03/24/2010 15:00	218.79	3.1378	0.39	16.87	0.425	13.38	41.6727	104.5981557	104.636955	2.257174	104.633241	
2010	83	1600	83.666666667		03/24/2010 16:00	219.29	3.1448	0.39	16.87	0.425	13.36	41.6562	104.6031968	104.641996	2.262237	104.638305	
2010	83	1700	83.708333333		03/24/2010 17:00	219.6	3.1492	0.39	16.86	0.425	13.36	41.6459	104.6063223	104.645122	2.265377	104.641445	
2010	83	1800	83.750000000		03/24/2010 18:00	220.13	3.1567	0.39	16.86	0.425	13.34	41.6284	104.611666	104.650465	2.270745	104.646812	
2010	83	1900	83.791666667		03/24/2010 19:00	220.38	3.1602	0.39	16.86	0.425	13.26	41.6201	104.6141866	104.652986	2.273277	104.649344	
2010	83	2000	83.833333333		03/24/2010 20:00	220.71	3.1648	0.39	16.86	0.425	13.2	41.6092	104.6175137	104.656313	2.276619	104.652686	
2010	83	2100	83.875000000		03/24/2010 21:00	221.01	3.1691	0.39	16.86	0.425	13.15	41.5993	104.6205384	104.659338	2.279657	104.655725	
2010	83	2200	83.916666667		03/24/2010 22:00	221.28	3.1729	0.39	16.86	0.425	13.11	41.5904	104.6232606	104.662060	2.282391	104.658459	
2010	83	2300	83.958333333		03/24/2010 23:00	221.56	3.1768	0.39	16.86	0.425	13.07	41.5811	104.6260837	104.664883	2.285227	104.661295	
2010	83	2400	84.000000000		03/25/2010 0:00	221.67	3.1784	0.39	16.88	0.425	13.02	41.5775	104.6271928	104.665992	2.286341	104.662409	
2010	84	100	84.041666667		03/25/2010 1:00	221.96	3.1824	0.39	16.88	0.425	13	41.5679	104.6301166	104.668916	2.289278	104.665346	
2010	84	200	84.083333333		03/25/2010 2:00	222.12	3.1847	0.39	16.87	0.425	12.96	41.5626	104.6317298	104.670529	2.290899	104.666966	
2010	84	300	84.125000000		03/25/2010 3:00	222.47	3.1896	0.39	16.87	0.425	12.93	41.5510	104.6352586	104.674058	2.294443	104.670511	
2010	84	400	84.166666667		03/25/2010 4:00	222.55	3.1907	0.39	16.86	0.425	12.91	41.5483	104.6360652	104.674864	2.295254	104.671321	
2010	84	500	84.208333333		03/25/2010 5:00	222.73	3.1933	0.39	16.87	0.425	12.88	41.5424	104.63788	104.676679	2.297077	104.673144	
2010	84	600	84.250000000		03/25/2010 6:00	223.03	3.1975	0.39	16.87	0.425	12.84	41.5325	104.6409047	104.679704	2.300115	104.676183	
2010	84	700	84.291666667		03/25/2010 7:00	223.16	3.1993	0.39	16.87	0.425	13.63	41.5282	104.6422154	104.681015	2.301431	104.677499	
2010	84	800	84.333333333		03/25/2010 8:00	223.35	3.2020	0.39	16.87	0.425	13.59	41.5219	104.6441311	104.682930	2.303356	104.679423	
2010	84	900	84.375000000		03/25/2010 9:00	223.67	3.2065	0.39	16.86	0.424	13.54	41.5113	104.6473574	104.686157	2.306597	104.682664	
2010	84	1000	84.416666667		03/25/2010 10:00	223.97	3.2107	0.39	16.86	0.425	13.5	41.5014	104.6503821	104.689181	2.309635	104.685703	
2010	84	1100	84.458333333		03/25/2010 11:00	224.12	3.2128	0.39	16.87	0.425	13.49	41.4964	104.6518945	104.690694	2.311154	104.687222	
2010	84	1200	84.500000000		03/25/2010 12:00	224.84	3.2230	0.39	16.86	0.425	13.45	41.4726	104.6591537	104.697953	2.318446	104.694514	
2010	84	1300	84.541666667		03/25/2010 13:00	224.38	3.2165	0.39	16.86	0.425	13.43	41.4878	104.6545159	104.693315	2.313787	104.689855	
2010	84	1400	84.583333333		03/25/2010 14:00	224.16	3.2134	0.39	16.87	0.425	13.41	41.4951	104.6522978	104.691097	2.311559	104.687627	
2010	84	1500	84.625000000		03/25/2010 15:00	224.39	3.2167	0.39	16.87	0.425	13.43	41.4875	104.6546167	104.693416	2.313888	104.689956	
2010	84	1600	84.666666667		03/25/2010 16:00	224.13	3.2130	0.39	16.87	0.425	13.41	41.4961	104.6519953	104.690794	2.311255	104.687323	
2010	84	1700	84.708333333		03/25/2010 17:00	224.43	3.2172	0.39	16.87	0.425	13.42	41.4862	104.65502	104.693819	2.314294	104.690361	
2010	84	1800	84.750000000		03/25/2010 18:00	224.33	3.2158	0.39	16.87	0.425	13.34	41.4895	104.6540117	104.692811	2.313281	104.689348	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1900	84.791666667		03/25/2010 19:00	224.32	3.2157	0.39	16.87	0.425	13.26	41.4898	104.6539109	104.692710	2.313180	104.689247	
2010	84	2000	84.833333333		03/25/2010 20:00	224.54	3.2188	0.39	16.87	0.425	13.21	41.4825	104.656129	104.694928	2.315408	104.691475	
2010	84	2100	84.875000000		03/25/2010 21:00	224.63	3.2200	0.39	16.87	0.425	13.17	41.4795	104.6570364	104.695836	2.316319	104.692387	
2010	84	2200	84.916666667		03/25/2010 22:00	224.66	3.2205	0.39	16.86	0.425	13.13	41.4785	104.6573389	104.696138	2.316623	104.692691	
2010	84	2300	84.958333333		03/25/2010 23:00	224.77	3.2220	0.39	16.88	0.425	13.09	41.4749	104.658448	104.697247	2.317737	104.693805	
2010	84	2400	85.000000000		03/26/2010 0:00	224.6	3.2196	0.39	16.86	0.425	13.05	41.4805	104.656734	104.695533	2.316015	104.692083	
2010	85	100	85.041666667		03/26/2010 1:00	224.71	3.2212	0.39	16.86	0.425	13.02	41.4769	104.657843	104.696642	2.317129	104.693197	
2010	85	200	85.083333333		03/26/2010 2:00	225.2	3.2281	0.39	16.86	0.425	12.99	41.4607	104.6627834	104.701583	2.322092	104.698160	
2010	85	300	85.125000000		03/26/2010 3:00	225.11	3.2268	0.39	16.86	0.425	12.95	41.4637	104.661876	104.700675	2.321180	104.697248	
2010	85	400	85.166666667		03/26/2010 4:00	225.33	3.2299	0.39	16.85	0.425	12.92	41.4564	104.6640941	104.702893	2.323408	104.699476	
2010	85	500	85.208333333		03/26/2010 5:00	225.59	3.2335	0.39	16.85	0.425	12.89	41.4478	104.6667155	104.705515	2.326042	104.702109	
2010	85	600	85.250000000		03/26/2010 6:00	225.93	3.2383	0.39	16.87	0.425	12.87	41.4365	104.6701435	104.708943	2.329485	104.705553	
2010	85	700	85.291666667		03/26/2010 7:00	225.71	3.2352	0.39	16.86	0.425	13.66	41.4438	104.6679254	104.706725	2.327257	104.703325	
2010	85	800	85.333333333		03/26/2010 8:00	226.36	3.2444	0.39	16.87	0.425	13.59	41.4223	104.6744789	104.713278	2.333840	104.709908	
2010	85	900	85.375000000		03/26/2010 9:00	226.34	3.2441	0.39	16.86	0.425	13.55	41.4230	104.6742772	104.713076	2.333637	104.709705	
2010	85	1000	85.416666667		03/26/2010 10:00	226.13	3.2411	0.39	16.87	0.425	13.53	41.4299	104.6721599	104.710959	2.331511	104.707578	
2010	85	1100	85.458333333		03/26/2010 11:00	226.67	3.2488	0.39	16.87	0.425	13.5	41.4121	104.6776044	104.716404	2.336980	104.713047	
2010	85	1200	85.500000000		03/26/2010 12:00	226.75	3.2499	0.39	16.86	0.425	13.47	41.4094	104.678411	104.717210	2.337790	104.713857	
2010	85	1300	85.541666667		03/26/2010 13:00	227.01	3.2535	0.39	16.85	0.425	13.45	41.4008	104.6810324	104.719832	2.340423	104.716491	
2010	85	1400	85.583333333		03/26/2010 14:00	226.93	3.2524	0.39	16.84	0.425	13.43	41.4035	104.6802258	104.719025	2.339613	104.715680	
2010	85	1500	85.625000000		03/26/2010 15:00	227.29	3.2575	0.39	16.85	0.425	13.43	41.3916	104.6838554	104.722655	2.343259	104.719326	
2010	85	1600	85.666666667		03/26/2010 16:00	227.48	3.2602	0.39	16.85	0.425	13.42	41.3853	104.6857711	104.724570	2.345183	104.721251	
2010	85	1700	85.708333333		03/26/2010 17:00	227.68	3.2630	0.39	16.85	0.425	13.41	41.3786	104.6877875	104.726587	2.347208	104.723276	
2010	85	1800	85.750000000		03/26/2010 18:00	228.13	3.2693	0.39	16.84	0.425	13.41	41.3638	104.6923246	104.731124	2.351766	104.727834	
2010	85	1900	85.791666667		03/26/2010 19:00	228.31	3.2718	0.39	16.88	0.425	13.3	41.3578	104.6941394	104.732939	2.353589	104.729657	
2010	85	2000	85.833333333		03/26/2010 20:00	228.55	3.2752	0.39	16.86	0.424	13.24	41.3499	104.6965592	104.735358	2.356019	104.732087	
2010	85	2100	85.875000000		03/26/2010 21:00	228.61	3.2761	0.39	16.87	0.425	13.19	41.3479	104.6971641	104.735963	2.356627	104.732695	
2010	85	2200	85.916666667		03/26/2010 22:00	228.7	3.2773	0.39	16.86	0.425	13.15	41.3449	104.6980715	104.736871	2.357539	104.733606	
2010	85	2300	85.958333333		03/26/2010 23:00	228.84	3.2793	0.39	16.88	0.425	13.11	41.3403	104.699483	104.738282	2.358957	104.735024	
2010	85	2400	86.000000000		03/27/2010 0:00	228.94	3.2807	0.39	16.87	0.425	13.07	41.3370	104.7004913	104.739290	2.359969	104.736037	
2010	86	100	86.041666667		03/27/2010 1:00	229.17	3.2839	0.39	16.87	0.425	13.04	41.3294	104.7028102	104.741609	2.362299	104.738366	
2010	86	200	86.083333333		03/27/2010 2:00	229.23	3.2848	0.39	16.87	0.425	13.01	41.3274	104.7034152	104.742214	2.362906	104.738974	
2010	86	300	86.125000000		03/27/2010 3:00	229.36	3.2866	0.39	16.88	0.425	12.97	41.3231	104.7047259	104.743525	2.364223	104.740291	
2010	86	400	86.166666667		03/27/2010 4:00	229.5	3.2886	0.39	16.88	0.425	12.95	41.3184	104.7061374	104.744937	2.365641	104.741708	
2010	86	500	86.208333333		03/27/2010 5:00	229.74	3.2920	0.39	16.87	0.425	12.91	41.3105	104.7085571	104.747356	2.368071	104.744139	
2010	86	600	86.250000000		03/27/2010 6:00	229.85	3.2935	0.39	16.87	0.425	12.89	41.3069	104.7096662	104.748465	2.369185	104.745253	
2010	86	700	86.291666667		03/27/2010 7:00	229.82	3.2931	0.39	16.88	0.424	13.72	41.3079	104.7093637	104.748163	2.368882	104.744949	
2010	86	800	86.333333333		03/27/2010 8:00	229.95	3.2949	0.39	16.87	0.425	13.64	41.3036	104.7106744	104.749474	2.370198	104.746266	
2010	86	900	86.375000000		03/27/2010 9:00	229.78	3.2925	0.39	16.85	0.425	13.57	41.3092	104.7089604	104.747760	2.368477	104.744544	
2010	86	1000	86.416666667		03/27/2010 10:00	230.05	3.2963	0.39	16.86	0.425	13.51	41.3003	104.7116827	104.750482	2.371211	104.747279	
2010	86	1100	86.458333333		03/27/2010 11:00	230.1	3.2970	0.39	16.86	0.425	13.47	41.2986	104.7121868	104.750986	2.371717	104.747785	
2010	86	1200	86.500000000		03/27/2010 12:00	230.28	3.2996	0.39	16.84	0.425	13.44	41.2926	104.7140016	104.752801	2.373540	104.749608	
2010	86	1300	86.541666667		03/27/2010 13:00	230.41	3.3014	0.39	16.86	0.425	13.41	41.2883	104.7153123	104.754112	2.374857	104.750925	
2010	86	1400	86.583333333		03/27/2010 14:00	230.81	3.3070	0.39	16.85	0.425	13.39	41.2751	104.7193452	104.758144	2.378908	104.754976	
2010	86	1500	86.625000000		03/27/2010 15:00	230.9	3.3083	0.39	16.84	0.425	13.39	41.2721	104.7202526	104.759052	2.379819	104.755887	
2010	86	1600	86.666666667		03/27/2010 16:00	230.9	3.3083	0.39	16.84	0.425	13.39	41.2721	104.7202526	104.759052	2.379819	104.755887	
2010	86	1700	86.708333333		03/27/2010 17:00	231.25	3.3132	0.39	16.84	0.425	13.39	41.2606	104.7237815	104.762581	2.383364	104.759432	
2010	86	1800	86.750000000		03/27/2010 18:00	231.34	3.3145	0.39	16.85	0.425	13.37	41.2576	104.7246889	104.763488	2.384276	104.760343	
2010	86	1900	86.791666667		03/27/2010 19:00	231.47	3.3163	0.39	16.86	0.425	13.28	41.2533	104.7259996	104.764799	2.385592	104.761660	
2010	86	2000	86.833333333		03/27/2010 20:00	231.47	3.3163	0.39	16.86	0.425	13.22	41.2533	104.7259996	104.764799	2.385592	104.761660	
2010	86	2100	86.875000000		03/27/2010 21:00	231.58	3.3179	0.39	16.87	0.425	13.18	41.2496	104.7271086	104.765908	2.386706	104.762774	
2010	86	2200	86.916666667		03/27/2010 22:00	231.63	3.3186	0.39	16.85	0.425	13.13	41.2480	104.7276127	104.766412	2.387213	104.763280	
2010	86	2300	86.958333333		03/27/2010 23:00	231.76	3.3204	0.39	16.84	0.425	13.09	41.2437	104.7289234	104.767723	2.388529	104.764597	
2010	86	2400	87.000000000		03/28/2010 0:00	231.94	3.3229	0.39	16.85	0.425	13.06	41.2377	104.7307383	104.769537	2.390352	104.766420	
2010	87	100	87.041666667		03/28/2010 1:00	231.92	3.3227	0.39	16.85	0.425	13.02	41.2384	104.7305366	104.769336	2.390150	104.766217	
2010	87	200	87.083333333		03/28/2010 2:00	231.97	3.3234	0.39	16.87	0.425	12.98	41.2367	104.7310407	104.769840	2.390656	104.766724	
2010	87	300	87.125000000		03/28/2010 3:00	232.06	3.3246	0.39	16.86	0.425	12.95	41.2338	104.7319481	104.770747	2.391568	104.767635	
2010	87	400	87.166666667		03/28/2010 4:00	232.03	3.3242	0.39	16.87	0.425	12.93	41.2348	104.7316457	104.770445	2.391264	104.767331	
2010	87	500	87.208333333		03/28/2010 5:00	232.06	3.3246	0.39	16.86	0.425	12.89	41.2338	104.7319481	104.770747	2.391568	104.767635	
2010	87	600	87.250000000		03/28/2010 6:00	232.05	3.3245	0.39	16.86	0.425	12.87	41.2341	104.7318473	104.770647	2.391466	104.767534	
2010	87	700	87.291666667		03/28/2010 7:00	231.99	3.3237	0.39	16.88	0.425	12.87	41.2361	104.7312424	104.770042	2.390859	104.766926	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	87	800	87.333333333		03/28/2010 8:00	231.86	3.3218	0.39	16.86	0.425	13.6	41.2404	104.7299317	104.768731	2.389542	104.765610	
2010	87	900	87.375000000		03/28/2010 9:00	231.81	3.3211	0.39	16.84	0.425	13.55	41.2420	104.7294276	104.768227	2.389036	104.765103	
2010	87	1000	87.416666667		03/28/2010 10:00	231.04	3.3103	0.39	16.87	0.424	13.54	41.2675	104.7216642	104.760463	2.381237	104.757305	
2010	87	1100	87.458333333		03/28/2010 11:00	231.36	3.3148	0.39	16.86	0.425	13.47	41.2569	104.7248905	104.763690	2.384478	104.760546	
2010	87	1200	87.500000000		03/28/2010 12:00	231.2	3.3125	0.39	16.87	0.425	13.45	41.2622	104.7232773	104.762077	2.382858	104.758925	
2010	87	1300	87.541666667		03/28/2010 13:00	230.88	3.3080	0.39	16.86	0.425	13.43	41.2728	104.720051	104.758850	2.379617	104.755685	
2010	87	1400	87.583333333		03/28/2010 14:00	231.17	3.3121	0.39	16.84	0.425	13.42	41.2632	104.7229749	104.761774	2.382554	104.758622	
2010	87	1500	87.625000000		03/28/2010 15:00	231.26	3.3134	0.39	16.85	0.425	13.44	41.2602	104.7238823	104.762681	2.383465	104.759533	
2010	87	1600	87.666666667		03/28/2010 16:00	231.21	3.3127	0.39	16.86	0.425	13.44	41.2619	104.7233782	104.762177	2.382959	104.759027	
2010	87	1700	87.708333333		03/28/2010 17:00	231.14	3.3117	0.39	16.87	0.425	13.35	41.2642	104.7226724	104.761472	2.382250	104.758318	
2010	87	1800	87.750000000		03/28/2010 18:00	230.97	3.3093	0.39	16.87	0.425	13.28	41.2698	104.7209584	104.759758	2.380528	104.756596	
2010	87	1900	87.791666667		03/28/2010 19:00	231.04	3.3103	0.39	16.84	0.425	13.23	41.2675	104.7216642	104.760463	2.381237	104.757305	
2010	87	2000	87.833333333		03/28/2010 20:00	231.16	3.3120	0.39	16.85	0.425	13.19	41.2635	104.7228741	104.761673	2.382453	104.758520	
2010	87	2100	87.875000000		03/28/2010 21:00	231.2	3.3125	0.39	16.86	0.425	13.15	41.2622	104.7232773	104.762077	2.382858	104.758925	
2010	87	2200	87.916666667		03/28/2010 22:00	231.17	3.3121	0.39	16.86	0.425	13.11	41.2632	104.7229749	104.761774	2.382554	104.758622	
2010	87	2300	87.958333333		03/28/2010 23:00	231.13	3.3115	0.39	16.84	0.425	13.07	41.2645	104.7225716	104.761371	2.382149	104.758217	
2010	87	2400	88.000000000		03/29/2010 0:00	231.11	3.3113	0.39	16.86	0.425	13.04	41.2652	104.7223699	104.761169	2.381946	104.758014	
2010	88	100	88.041666667		03/29/2010 1:00	231.02	3.3100	0.39	16.86	0.425	13.01	41.2682	104.7214625	104.760262	2.381035	104.757103	
2010	88	200	88.083333333		03/29/2010 2:00	231.02	3.3100	0.39	16.86	0.425	12.98	41.2682	104.7214625	104.760262	2.381035	104.757103	
2010	88	300	88.125000000		03/29/2010 3:00	231.07	3.3107	0.39	16.86	0.425	12.95	41.2665	104.7219666	104.760766	2.381541	104.757609	
2010	88	400	88.166666667		03/29/2010 4:00	231.1	3.3111	0.39	16.86	0.425	12.92	41.2655	104.7222691	104.761068	2.381845	104.757913	
2010	88	500	88.208333333		03/29/2010 5:00	231.11	3.3113	0.39	16.85	0.425	12.88	41.2652	104.7223699	104.761169	2.381946	104.758014	
2010	88	600	88.250000000		03/29/2010 6:00	231.31	3.3141	0.39	16.86	0.424	12.86	41.2586	104.7243864	104.763186	2.383972	104.760040	
2010	88	700	88.291666667		03/29/2010 7:00	231.21	3.3127	0.39	16.86	0.425	12.92	41.2619	104.7233782	104.762177	2.382959	104.759027	
2010	88	800	88.333333333		03/29/2010 8:00	231.45	3.3160	0.39	16.85	0.425	13.56	41.2539	104.7257979	104.764597	2.385390	104.761457	
2010	88	900	88.375000000		03/29/2010 9:00	230.97	3.3093	0.39	16.87	0.425	13.49	41.2698	104.7209584	104.759758	2.380528	104.756596	
2010	88	1000	88.416666667		03/29/2010 10:00	231.8	3.3210	0.39	16.86	0.425	13.43	41.2424	104.7293267	104.768126	2.388934	104.765002	
2010	88	1100	88.458333333		03/29/2010 11:00	231.33	3.3144	0.39	16.86	0.424	13.49	41.2579	104.724588	104.763387	2.384174	104.760242	
2010	88	1200	88.500000000		03/29/2010 12:00	231.14	3.3117	0.39	16.87	0.425	13.48	41.2642	104.7226724	104.761472	2.382250	104.758318	
2010	88	1300	88.541666667		03/29/2010 13:00	230.84	3.3075	0.39	16.85	0.424	13.49	41.2741	104.7196477	104.758447	2.379212	104.755280	
2010	88	1400	88.583333333		03/29/2010 14:00	230.62	3.3044	0.39	16.86	0.425	13.5	41.2814	104.7174296	104.756229	2.376984	104.753051	
2010	88	1500	88.625000000		03/29/2010 15:00	230.6	3.3041	0.39	16.86	0.424	13.49	41.2821	104.7172279	104.756027	2.376781	104.752849	
2010	88	1600	88.666666667		03/29/2010 16:00	230.02	3.2959	0.39	16.87	0.424	13.49	41.3012	104.7113802	104.750179	2.370907	104.746975	
2010	88	1700	88.708333333		03/29/2010 17:00	230.29	3.2997	0.39	16.86	0.425	13.5	41.2923	104.7141024	104.752902	2.373642	104.749709	
2010	88	1800	88.750000000		03/29/2010 18:00	230.18	3.2982	0.39	16.86	0.425	13.44	41.2960	104.7129934	104.751793	2.372528	104.748595	
2010	88	1900	88.791666667		03/29/2010 19:00	229.74	3.2920	0.39	16.84	0.425	13.36	41.3105	104.7085571	104.747356	2.368071	104.744139	
2010	88	2000	88.833333333		03/29/2010 20:00	229.7	3.2914	0.39	16.85	0.424	13.3	41.3118	104.7081539	104.746953	2.367666	104.743734	
2010	88	2100	88.875000000		03/29/2010 21:00	229.34	3.2863	0.39	16.85	0.424	13.25	41.3237	104.7045242	104.743323	2.364020	104.740088	
2010	88	2200	88.916666667		03/29/2010 22:00	229.14	3.2835	0.39	16.87	0.425	13.21	41.3304	104.7025077	104.741307	2.361995	104.738063	
2010	88	2300	88.958333333		03/29/2010 23:00	228.83	3.2792	0.39	16.87	0.425	13.17	41.3406	104.6993822	104.738181	2.358855	104.734923	
2010	88	2400	89.000000000		03/30/2010 0:00	228.43	3.2735	0.39	16.85	0.425	13.14	41.3538	104.6953493	104.734149	2.354804	104.730872	
2010	89	100	89.041666667		03/30/2010 1:00	228.41	3.2732	0.39	16.86	0.424	13.1	41.3545	104.6951476	104.733947	2.354602	104.730669	
2010	89	200	89.083333333		03/30/2010 2:00	227.89	3.2659	0.39	16.86	0.425	13.07	41.3717	104.6899048	104.728704	2.349335	104.725403	
2010	89	300	89.125000000		03/30/2010 3:00	227.72	3.2635	0.39	16.85	0.425	13.03	41.3773	104.6881908	104.726990	2.347614	104.723681	
2010	89	400	89.166666667		03/30/2010 4:00	227.54	3.2610	0.39	16.87	0.424	13	41.3833	104.686376	104.725175	2.345791	104.721858	
2010	89	500	89.208333333		03/30/2010 5:00	227.55	3.2611	0.39	16.85	0.424	12.98	41.3829	104.6864768	104.725276	2.345892	104.721960	
2010	89	600	89.250000000		03/30/2010 6:00	227.2	3.2562	0.39	16.85	0.425	12.94	41.3945	104.682948	104.721747	2.342347	104.718415	
2010	89	700	89.291666667		03/30/2010 7:00	226.84	3.2511	0.39	16.85	0.424	13.7	41.4064	104.6793184	104.718118	2.338701	104.714769	
2010	89	800	89.333333333		03/30/2010 8:00	226.42	3.2452	0.39	16.85	0.424	13.65	41.4203	104.6750838	104.713883	2.334448	104.710515	
2010	89	900	89.375000000		03/30/2010 9:00	226.38	3.2447	0.39	16.86	0.424	13.61	41.4217	104.6746805	104.713480	2.334042	104.710110	
2010	89	1000	89.416666667		03/30/2010 10:00	226.32	3.2438	0.39	16.86	0.424	13.57	41.4236	104.6740756	104.712875	2.333435	104.709503	
2010	89	1100	89.458333333		03/30/2010 11:00	225.56	3.2331	0.39	16.87	0.424	13.54	41.4488	104.666413	104.705212	2.325738	104.701806	
2010	89	1200	89.500000000		03/30/2010 12:00	226.27	3.2431	0.39	16.87	0.424	13.53	41.4253	104.6735715	104.712371	2.332928	104.708996	
2010	89	1300	89.541666667		03/30/2010 13:00	225.9	3.2379	0.39	16.85	0.424	13.51	41.4375	104.669841	104.708640	2.329181	104.705249	
2010	89	1400	89.583333333		03/30/2010 14:00	225.7	3.2351	0.39	16.87	0.424	13.49	41.4441	104.6678245	104.706624	2.327156	104.703223	
2010	89	1500	89.625000000		03/30/2010 15:00	225.53	3.2327	0.39	16.86	0.424	13.47	41.4498	104.6661105	104.704910	2.325434	104.701502	
2010	89	1600	89.666666667		03/30/2010 16:00	225.74	3.2357	0.39	16.88	0.424	13.47	41.4428	104.6682278	104.707027	2.327561	104.703628	
2010	89	1700	89.708333333		03/30/2010 17:00	225.94	3.2385	0.39	16.86	0.424	13.49	41.4362	104.6702443	104.709044	2.329586	104.705654	
2010	89	1800	89.750000000		03/30/2010 18:00	226.05	3.2400	0.39	16.87	0.424	13.49	41.4326	104.6713534	104.710153	2.330700	104.706768	
2010	89	1900	89.791666667		03/30/2010 19:00	226.02	3.2396	0.39	16.86	0.425	13.37	41.4336	104.6710509	104.709850	2.330397	104.706464	
2010	89	2000	89.833333333		03/30/2010 20:00	226	3.2393	0.39	16.87	0.424	13.32	41.4342	104.6708492	104.709648	2.330194	104.706262	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	2100	89.875000000		03/30/2010 21:00	225.85	3.2372	0.39	16.86	0.424	13.26	41.4392	104.6693369	104.708136	2.328675	104.704743	
2010	89	2200	89.916666667		03/30/2010 22:00	225.86	3.2373	0.39	16.87	0.424	13.23	41.4389	104.6694377	104.708237	2.328776	104.704844	
2010	89	2300	89.958333333		03/30/2010 23:00	225.89	3.2378	0.39	16.86	0.424	13.18	41.4379	104.6697402	104.708539	2.329080	104.705148	
2010	89	2400	90.000000000		03/31/2010 0:00	225.83	3.2369	0.39	16.87	0.424	13.14	41.4398	104.6691352	104.707934	2.328472	104.704540	
2010	90	100	90.041666667		03/31/2010 1:00	225.7	3.2351	0.39	16.87	0.425	13.1	41.4441	104.6678245	104.706624	2.327156	104.703223	
2010	90	200	90.083333333		03/31/2010 2:00	225.78	3.2362	0.39	16.87	0.425	13.08	41.4415	104.6686311	104.707430	2.327966	104.704034	
2010	90	300	90.125000000		03/31/2010 3:00	225.63	3.2341	0.39	16.87	0.425	13.04	41.4465	104.6671188	104.705918	2.326447	104.702514	
2010	90	400	90.166666667		03/31/2010 4:00	225.58	3.2334	0.39	16.87	0.425	13.01	41.4481	104.6666147	104.705414	2.325940	104.702008	
2010	90	500	90.208333333		03/31/2010 5:00	225.57	3.2333	0.39	16.88	0.424	12.98	41.4484	104.6665138	104.705313	2.325839	104.701907	
2010	90	600	90.250000000		03/31/2010 6:00	225.31	3.2296	0.39	16.87	0.425	12.97	41.4570	104.6638924	104.702692	2.323206	104.699274	
2010	90	700	90.291666667		03/31/2010 7:00	225.2	3.2281	0.39	16.88	0.424	13.7	41.4607	104.6627834	104.701583	2.322092	104.698160	
2010	90	800	90.333333333		03/31/2010 8:00	225.45	3.2316	0.39	16.87	0.425	13.64	41.4524	104.665304	104.704103	2.324624	104.700691	
2010	90	900	90.375000000		03/31/2010 9:00	224.83	3.2228	0.39	16.85	0.425	13.58	41.4729	104.6590529	104.697852	2.318345	104.694412	
2010	90	1000	90.416666667		03/31/2010 10:00	224.58	3.2193	0.39	16.87	0.425	13.55	41.4812	104.6565323	104.695332	2.315813	104.691880	
2010	90	1100	90.458333333		03/31/2010 11:00	225.37	3.2304	0.39	16.88	0.424	13.54	41.4551	104.6644974	104.703297	2.323814	104.699881	
2010	90	1200	90.500000000		03/31/2010 12:00	225.25	3.2288	0.39	16.88	0.424	13.53	41.4590	104.6632875	104.702087	2.322598	104.698666	
2010	90	1300	90.541666667		03/31/2010 13:00	224.72	3.2213	0.39	16.87	0.424	13.51	41.4766	104.6579439	104.696743	2.317231	104.693298	
2010	90	1400	90.583333333		03/31/2010 14:00	224.85	3.2231	0.39	16.86	0.424	13.49	41.4723	104.6592546	104.698054	2.318547	104.694615	
2010	90	1500	90.625000000		03/31/2010 15:00	225.29	3.2293	0.39	16.88	0.425	13.46	41.4577	104.6636908	104.702490	2.323003	104.699071	
2010	90	1600	90.666666667		03/31/2010 16:00	224.76	3.2219	0.39	16.86	0.425	13.47	41.4752	104.6583472	104.697146	2.317636	104.693703	
2010	90	1700	90.708333333		03/31/2010 17:00	225.61	3.2338	0.39	16.86	0.425	13.45	41.4471	104.6669171	104.705716	2.326244	104.702312	
2010	90	1800	90.750000000		03/31/2010 18:00	225.28	3.2292	0.39	16.87	0.425	13.43	41.4580	104.66359	104.702389	2.322902	104.698970	
2010	90	1900	90.791666667		03/31/2010 19:00	225.2	3.2281	0.39	16.87	0.425	13.34	41.4607	104.6627834	104.701583	2.322092	104.698160	
2010	90	2000	90.833333333		03/31/2010 20:00	225.21	3.2282	0.39	16.86	0.425	13.28	41.4604	104.6628842	104.701683	2.322193	104.698261	
2010	90	2100	90.875000000		03/31/2010 21:00	225.21	3.2282	0.39	16.87	0.425	13.24	41.4604	104.6628842	104.701683	2.322193	104.698261	
2010	90	2200	90.916666667		03/31/2010 22:00	225.38	3.2306	0.39	16.87	0.425	13.19	41.4547	104.6645982	104.703397	2.323915	104.699983	
2010	90	2300	90.958333333		03/31/2010 23:00	225.46	3.2317	0.39	16.88	0.425	13.15	41.4521	104.6654048	104.704204	2.324725	104.700793	
2010	90	2400	91.000000000		04/01/2010 0:00	225.52	3.2326	0.39	16.87	0.425	13.12	41.4501	104.6660097	104.704809	2.325333	104.701400	
2010	91	100	91.041666667		04/01/2010 1:00	225.61	3.2338	0.39	16.89	0.425	13.08	41.4471	104.6669171	104.705716	2.326244	104.702312	
2010	91	200	91.083333333		04/01/2010 2:00	225.76	3.2359	0.39	16.87	0.425	13.05	41.4422	104.6684295	104.707229	2.327763	104.703831	
2010	91	300	91.125000000		04/01/2010 3:00	225.89	3.2378	0.391	16.87	0.426	13.02	41.4379	104.6697402	104.708539	2.329080	104.705148	
2010	91	400	91.166666667		04/01/2010 4:00	225.89	3.2378	0.391	16.88	0.425	12.99	41.4379	104.6697402	104.708539	2.329080	104.705148	
2010	91	500	91.208333333		04/01/2010 5:00	226	3.2393	0.391	16.87	0.426	12.95	41.4342	104.6708492	104.709648	2.330194	104.706262	
2010	91	600	91.250000000		04/01/2010 6:00	225.86	3.2373	0.39	16.87	0.425	12.93	41.4389	104.6694377	104.708237	2.328776	104.704844	
2010	91	700	91.291666667		04/01/2010 7:00	225.91	3.2381	0.39	16.88	0.424	13.74	41.4372	104.6699418	104.708741	2.329282	104.705350	
2010	91	800	91.333333333		04/01/2010 8:00	226	3.2393	0.39	16.87	0.425	13.67	41.4342	104.6708492	104.709648	2.330194	104.706262	
2010	91	900	91.375000000		04/01/2010 9:00	225.55	3.2330	0.39	16.85	0.425	13.61	41.4491	104.6663122	104.705111	2.325637	104.701704	
2010	91	1000	91.416666667		04/01/2010 10:00	225.31	3.2296	0.39	16.86	0.424	13.56	41.4570	104.6638924	104.702692	2.323206	104.699274	
2010	91	1100	91.458333333		04/01/2010 11:00	225.35	3.2302	0.39	16.89	0.424	13.53	41.4557	104.6642957	104.703095	2.323611	104.699679	
2010	91	1200	91.500000000		04/01/2010 12:00	225.69	3.2350	0.39	16.87	0.424	13.51	41.4445	104.6677237	104.706523	2.327054	104.703122	
2010	91	1300	91.541666667		04/01/2010 13:00	225.45	3.2316	0.39	16.87	0.424	13.49	41.4524	104.665304	104.704103	2.324624	104.700691	
2010	91	1400	91.583333333		04/01/2010 14:00	225.23	3.2285	0.39	16.87	0.424	13.46	41.4597	104.6630858	104.701885	2.322396	104.698463	
2010	91	1500	91.625000000		04/01/2010 15:00	224.48	3.2179	0.39	16.87	0.424	13.45	41.4845	104.6555241	104.694323	2.314800	104.690868	
2010	91	1600	91.666666667		04/01/2010 16:00	224.84	3.2230	0.39	16.87	0.425	13.44	41.4726	104.6591537	104.697953	2.318446	104.694514	
2010	91	1700	91.708333333		04/01/2010 17:00	224.82	3.2227	0.39	16.86	0.425	13.43	41.4733	104.6589521	104.697751	2.318243	104.694311	
2010	91	1800	91.750000000		04/01/2010 18:00	225.44	3.2314	0.39	16.87	0.425	13.42	41.4527	104.6652031	104.704002	2.324522	104.700590	
2010	91	1900	91.791666667		04/01/2010 19:00	225.13	3.2271	0.39	16.88	0.424	13.33	41.4630	104.6620776	104.700877	2.321383	104.697451	
2010	91	2000	91.833333333		04/01/2010 20:00	225.01	3.2254	0.39	16.88	0.424	13.27	41.4670	104.6608677	104.699667	2.320168	104.696235	
2010	91	2100	91.875000000		04/01/2010 21:00	224.81	3.2226	0.39	16.85	0.425	13.21	41.4736	104.6588513	104.697650	2.318142	104.694210	
2010	91	2200	91.916666667		04/01/2010 22:00	224.74	3.2216	0.39	16.87	0.424	13.18	41.4759	104.6581455	104.696945	2.317433	104.693501	
2010	91	2300	91.958333333		04/01/2010 23:00	224.73	3.2214	0.39	16.87	0.424	13.13	41.4762	104.6580447	104.696844	2.317332	104.693400	
2010	91	2400	92.000000000		04/02/2010 0:00	224.7	3.2210	0.39	16.87	0.424	13.09	41.4772	104.6577422	104.696541	2.317028	104.693096	
2010	92	100	92.041666667		04/02/2010 1:00	224.79	3.2223	0.39	16.86	0.424	13.06	41.4742	104.6586496	104.697449	2.317940	104.694007	
2010	92	200	92.083333333		04/02/2010 2:00	224.93	3.2243	0.39	16.87	0.424	13.03	41.4696	104.6600611	104.698860	2.319357	104.695425	
2010	92	300	92.125000000		04/02/2010 3:00	225	3.2252	0.39	16.87	0.424	13	41.4673	104.6607669	104.699566	2.320066	104.696134	
2010	92	400	92.166666667		04/02/2010 4:00	225.45	3.2316	0.39	16.86	0.424	12.98	41.4524	104.665304	104.704103	2.324624	104.700691	
2010	92	500	92.208333333		04/02/2010 5:00	225.76	3.2359	0.39	16.87	0.424	12.95	41.4422	104.6684295	104.707229	2.327763	104.703831	
2010	92	600	92.250000000		04/02/2010 6:00	226	3.2393	0.39	16.86	0.424	12.92	41.4342	104.6708492	104.709648	2.330194	104.706262	
2010	92	700	92.291666667		04/02/2010 7:00	226.16	3.2416	0.39	16.87	0.424	12.89	41.4289	104.6724624	104.711262	2.331814	104.707882	
2010	92	800	92.333333333		04/02/2010 8:00	226.26	3.2430	0.39	16.86	0.424	13.67	41.4256	104.6734706	104.712270	2.332827	104.708895	
2010	92	900	92.375000000		04/02/2010 9:00	226.8	3.2506	0.39	16.87	0.424	13.65	41.4078	104.6789151	104.717714	2.338296	104.714364	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	92	1000	92.416666667		04/02/2010 10:00	227.03	3.2538	0.39	16.88	0.424	13.7	41.4002	104.681234	104.720033	2.340625	104.716693	
2010	92	1100	92.458333333		04/02/2010 11:00	227.35	3.2583	0.39	16.87	0.424	13.7	41.3896	104.6844604	104.723260	2.343866	104.719934	
2010	92	1200	92.500000000		04/02/2010 12:00	227.53	3.2609	0.39	16.87	0.424	13.7	41.3836	104.6862752	104.725074	2.345689	104.721757	
2010	92	1300	92.541666667		04/02/2010 13:00	227.35	3.2583	0.39	16.87	0.424	13.64	41.3896	104.6844604	104.723260	2.343866	104.719934	
2010	92	1400	92.583333333		04/02/2010 14:00	227.44	3.2596	0.39	16.86	0.424	13.59	41.3866	104.6853678	104.724167	2.344778	104.720846	
2010	92	1500	92.625000000		04/02/2010 15:00	228.03	3.2679	0.39	16.87	0.424	13.54	41.3671	104.6913164	104.730116	2.350753	104.726821	
2010	92	1600	92.666666667		04/02/2010 16:00	228.69	3.2772	0.39	16.88	0.424	13.51	41.3452	104.6979707	104.736770	2.357437	104.733505	
2010	92	1700	92.708333333		04/02/2010 17:00	228.78	3.2785	0.39	16.88	0.425	13.5	41.3423	104.6988781	104.737677	2.358349	104.734417	
2010	92	1800	92.750000000		04/02/2010 18:00	229.16	3.2838	0.39	16.88	0.425	13.53	41.3297	104.7027094	104.741509	2.362197	104.738265	
2010	92	1900	92.791666667		04/02/2010 19:00	229.1	3.2830	0.39	16.88	0.424	13.41	41.3317	104.7021045	104.740904	2.361590	104.737657	
2010	92	2000	92.833333333		04/02/2010 20:00	229.03	3.2820	0.39	16.87	0.424	13.33	41.3340	104.7013987	104.740198	2.360881	104.736948	
2010	92	2100	92.875000000		04/02/2010 21:00	229.47	3.2882	0.39	16.87	0.424	13.29	41.3194	104.7058349	104.744634	2.365337	104.741405	
2010	92	2200	92.916666667		04/02/2010 22:00	229.59	3.2899	0.39	16.87	0.424	13.25	41.3155	104.7070448	104.745844	2.366552	104.742620	
2010	92	2300	92.958333333		04/02/2010 23:00	229.72	3.2917	0.39	16.88	0.424	13.2	41.3112	104.7083555	104.747155	2.367869	104.743937	
2010	92	2400	93.000000000		04/03/2010 0:00	229.53	3.2890	0.39	16.86	0.425	13.17	41.3175	104.7064399	104.745239	2.365945	104.742012	
2010	93	100	93.041666667		04/03/2010 1:00	229.91	3.2944	0.39	16.87	0.424	13.13	41.3049	104.7102711	104.749070	2.369793	104.745861	
2010	93	200	93.083333333		04/03/2010 2:00	229.74	3.2920	0.39	16.87	0.424	13.1	41.3105	104.7085571	104.747356	2.368071	104.744139	
2010	93	300	93.125000000		04/03/2010 3:00	230.02	3.2959	0.39	16.87	0.424	13.06	41.3012	104.7113802	104.750179	2.370907	104.746975	
2010	93	400	93.166666667		04/03/2010 4:00	230.12	3.2973	0.39	16.88	0.424	13.04	41.2979	104.7123884	104.751188	2.371920	104.747988	
2010	93	500	93.208333333		04/03/2010 5:00	230.53	3.3031	0.39	16.89	0.424	13.01	41.2844	104.7165222	104.755321	2.376072	104.752140	
2010	93	600	93.250000000		04/03/2010 6:00	230.49	3.3025	0.39	16.88	0.424	13.03	41.2857	104.7161189	104.754918	2.375667	104.751735	
2010	93	700	93.291666667		04/03/2010 7:00	230.5	3.3027	0.39	16.87	0.424	13.68	41.2854	104.7162197	104.755019	2.375768	104.751836	
2010	93	800	93.333333333		04/03/2010 8:00	230.92	3.3086	0.39	16.86	0.424	13.65	41.2715	104.7204543	104.759253	2.380022	104.756090	
2010	93	900	93.375000000		04/03/2010 9:00	231.53	3.3172	0.39	16.87	0.425	13.64	41.2513	104.7266045	104.765404	2.386200	104.762268	
2010	93	1000	93.416666667		04/03/2010 10:00	231.17	3.3121	0.39	16.87	0.424	13.61	41.2632	104.7229749	104.761774	2.382554	104.758622	
2010	93	1100	93.458333333		04/03/2010 11:00	231.85	3.3217	0.39	16.87	0.424	13.6	41.2407	104.7298309	104.768630	2.389441	104.765508	
2010	93	1200	93.500000000		04/03/2010 12:00	231.89	3.3222	0.39	16.85	0.424	13.59	41.2394	104.7302342	104.769033	2.389846	104.765914	
2010	93	1300	93.541666667		04/03/2010 13:00	231.74	3.3201	0.39	16.89	0.424	13.59	41.2444	104.7287218	104.767521	2.388327	104.764394	
2010	93	1400	93.583333333		04/03/2010 14:00	232	3.3238	0.39	16.86	0.424	13.55	41.2358	104.7313432	104.770142	2.390960	104.767028	
2010	93	1500	93.625000000		04/03/2010 15:00	231.89	3.3222	0.39	16.87	0.424	13.55	41.2394	104.7302342	104.769033	2.389846	104.765914	
2010	93	1600	93.666666667		04/03/2010 16:00	231.8	3.3210	0.39	16.88	0.424	13.54	41.2424	104.7293267	104.768126	2.388934	104.765002	
2010	93	1700	93.708333333		04/03/2010 17:00	231.7	3.3196	0.39	16.87	0.424	13.55	41.2457	104.7283185	104.767118	2.387922	104.763989	
2010	93	1800	93.750000000		04/03/2010 18:00	232.09	3.3251	0.39	16.87	0.424	13.51	41.2328	104.7322506	104.771050	2.391871	104.767939	
2010	93	1900	93.791666667		04/03/2010 19:00	231.97	3.3234	0.39	16.86	0.424	13.42	41.2367	104.7310407	104.769840	2.390656	104.766724	
2010	93	2000	93.833333333		04/03/2010 20:00	231.91	3.3225	0.39	16.87	0.424	13.35	41.2387	104.7304358	104.769235	2.390048	104.766116	
2010	93	2100	93.875000000		04/03/2010 21:00	231.81	3.3211	0.39	16.87	0.425	13.31	41.2420	104.7294276	104.768227	2.389036	104.765103	
2010	93	2200	93.916666667		04/03/2010 22:00	231.79	3.3208	0.39	16.87	0.425	13.26	41.2427	104.7292259	104.768025	2.388833	104.764901	
2010	93	2300	93.958333333		04/03/2010 23:00	231.81	3.3211	0.39	16.88	0.425	13.23	41.2420	104.7294276	104.768227	2.389036	104.765103	
2010	93	2400	94.000000000		04/04/2010 0:00	231.73	3.3200	0.39	16.88	0.424	13.18	41.2447	104.728621	104.767420	2.388225	104.764293	
2010	94	100	94.041666667		04/04/2010 1:00	231.61	3.3183	0.39	16.87	0.424	13.15	41.2487	104.7274111	104.766210	2.387010	104.763078	
2010	94	200	94.083333333		04/04/2010 2:00	231.54	3.3173	0.39	16.89	0.424	13.11	41.2510	104.7267053	104.765505	2.386301	104.762369	
2010	94	300	94.125000000		04/04/2010 3:00	231.45	3.3160	0.39	16.89	0.424	13.08	41.2539	104.7257979	104.764597	2.385390	104.761457	
2010	94	400	94.166666667		04/04/2010 4:00	231.35	3.3146	0.39	16.87	0.425	13.05	41.2573	104.7247897	104.763589	2.384377	104.760445	
2010	94	500	94.208333333		04/04/2010 5:00	231.42	3.3156	0.39	16.87	0.424	13.02	41.2549	104.7254955	104.764295	2.385086	104.761154	
2010	94	600	94.250000000		04/04/2010 6:00	231.44	3.3159	0.39	16.87	0.424	12.99	41.2543	104.7256971	104.764496	2.385288	104.761356	
2010	94	700	94.291666667		04/04/2010 7:00	231.27	3.3135	0.39	16.87	0.424	13.75	41.2599	104.7239831	104.762782	2.383567	104.759634	
2010	94	800	94.333333333		04/04/2010 8:00	231.59	3.3180	0.39	16.88	0.424	13.65	41.2493	104.7272095	104.766009	2.386808	104.762875	
2010	94	900	94.375000000		04/04/2010 9:00	231.43	3.3158	0.39	16.86	0.424	13.6	41.2546	104.7255963	104.764395	2.385187	104.761255	
2010	94	1000	94.416666667		04/04/2010 10:00	231.56	3.3176	0.39	16.87	0.424	13.54	41.2503	104.726907	104.765706	2.386504	104.762571	
2010	94	1100	94.458333333		04/04/2010 11:00	231.55	3.3175	0.39	16.87	0.424	13.52	41.2506	104.7268062	104.765605	2.386402	104.762470	
2010	94	1200	94.500000000		04/04/2010 12:00	231.37	3.3149	0.39	16.86	0.424	13.49	41.2566	104.7249913	104.763791	2.384579	104.760647	
2010	94	1300	94.541666667		04/04/2010 13:00	231.92	3.3227	0.39	16.86	0.424	13.46	41.2384	104.7305366	104.769336	2.390150	104.766217	
2010	94	1400	94.583333333		04/04/2010 14:00	231.97	3.3234	0.39	16.87	0.424	13.44	41.2367	104.7310407	104.769840	2.390656	104.766724	
2010	94	1500	94.625000000		04/04/2010 15:00	232.45	3.3301	0.39	16.87	0.424	13.47	41.2209	104.7358803	104.774679	2.395517	104.771585	
2010	94	1600	94.666666667		04/04/2010 16:00	232.47	3.3304	0.39	16.87	0.424	13.46	41.2202	104.7360819	104.774881	2.395720	104.771788	
2010	94	1700	94.708333333		04/04/2010 17:00	232.34	3.3286	0.39	16.88	0.424	13.47	41.2245	104.7347712	104.773570	2.394403	104.770471	
2010	94	1800	94.750000000		04/04/2010 18:00	232.34	3.3286	0.39	16.87	0.424	13.42	41.2245	104.7347712	104.773570	2.394403	104.770471	
2010	94	1900	94.791666667		04/04/2010 19:00	232.31	3.3282	0.39	16.87	0.424	13.34	41.2255	104.7344687	104.773268	2.394099	104.770167	
2010	94	2000	94.833333333		04/04/2010 20:00	232.28	3.3277	0.39	16.86	0.424	13.29	41.2265	104.7341663	104.772965	2.393796	104.769863	
2010	94	2100	94.875000000		04/04/2010 21:00	232.19	3.3265	0.39	16.89	0.424	13.24	41.2295	104.7332588	104.772058	2.392884	104.768952	
2010	94	2200	94.916666667		04/04/2010 22:00	232.03	3.3242	0.39	16.87	0.424	13.19	41.2348	104.7316457	104.770445	2.391264	104.767331	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	2300	94.958333333		04/04/2010 23:00	231.8	3.3210	0.39	16.88	0.424	13.15	41.2424	104.7293267	104.768126	2.388934	104.765002	
2010	94	2400	95.000000000		04/05/2010 0:00	231.76	3.3204	0.39	16.86	0.424	13.12	41.2437	104.7289234	104.767723	2.388529	104.764597	
2010	95	100	95.041666667		04/05/2010 1:00	231.84	3.3215	0.39	16.88	0.424	13.08	41.2410	104.72973	104.768529	2.389339	104.765407	
2010	95	200	95.083333333		04/05/2010 2:00	231.95	3.3231	0.39	16.86	0.424	13.05	41.2374	104.7308391	104.769638	2.390454	104.766521	
2010	95	300	95.125000000		04/05/2010 3:00	231.99	3.3237	0.39	16.87	0.424	13	41.2361	104.7312424	104.770042	2.390859	104.766926	
2010	95	400	95.166666667		04/05/2010 4:00	232.07	3.3248	0.39	16.87	0.424	12.98	41.2334	104.732049	104.770848	2.391669	104.767737	
2010	95	500	95.208333333		04/05/2010 5:00	232.28	3.3277	0.39	16.86	0.424	12.94	41.2265	104.7341663	104.772965	2.393796	104.769863	
2010	95	600	95.250000000		04/05/2010 6:00	232.36	3.3289	0.39	16.87	0.424	12.92	41.2238	104.7349728	104.773772	2.394606	104.770674	
2010	95	700	95.291666667		04/05/2010 7:00	232.43	3.3298	0.39	16.87	0.424	13.38	41.2215	104.7356786	104.774478	2.395315	104.771382	
2010	95	800	95.333333333		04/05/2010 8:00	232.33	3.3284	0.39	16.86	0.424	13.65	41.2248	104.7346704	104.773470	2.394302	104.770370	
2010	95	900	95.375000000		04/05/2010 9:00	232.13	3.3256	0.39	16.89	0.424	13.59	41.2315	104.7326539	104.771453	2.392276	104.768344	
2010	95	1000	95.416666667		04/05/2010 10:00	231.84	3.3215	0.39	16.87	0.424	13.55	41.2410	104.72973	104.768529	2.389339	104.765407	
2010	95	1100	95.458333333		04/05/2010 11:00	232.12	3.3255	0.39	16.89	0.424	13.52	41.2318	104.7325531	104.771352	2.392175	104.768243	
2010	95	1200	95.500000000		04/05/2010 12:00	232.22	3.3269	0.39	16.87	0.424	13.49	41.2285	104.7335613	104.772361	2.393188	104.769256	
2010	95	1300	95.541666667		04/05/2010 13:00	231.83	3.3214	0.39	16.87	0.424	13.47	41.2414	104.7296292	104.768428	2.389238	104.765306	
2010	95	1400	95.583333333		04/05/2010 14:00	232.29	3.3279	0.39	16.87	0.424	13.45	41.2262	104.7342671	104.773066	2.393897	104.769965	
2010	95	1500	95.625000000		04/05/2010 15:00	231.11	3.3113	0.39	16.87	0.424	13.47	41.2652	104.7223699	104.761169	2.381946	104.758014	
2010	95	1600	95.666666667		04/05/2010 16:00	231.54	3.3173	0.39	16.85	0.425	13.42	41.2510	104.7267053	104.765505	2.386301	104.762369	
2010	95	1700	95.708333333		04/05/2010 17:00	231.39	3.3152	0.39	16.87	0.424	13.43	41.2559	104.725193	104.763992	2.384782	104.760850	
2010	95	1800	95.750000000		04/05/2010 18:00	231.74	3.3201	0.39	16.87	0.424	13.4	41.2444	104.7287218	104.767521	2.388327	104.764394	
2010	95	1900	95.791666667		04/05/2010 19:00	231.47	3.3163	0.39	16.88	0.424	13.32	41.2533	104.7259996	104.764799	2.385592	104.761660	
2010	95	2000	95.833333333		04/05/2010 20:00	231.22	3.3128	0.39	16.88	0.424	13.26	41.2616	104.723479	104.762278	2.383060	104.759128	
2010	95	2100	95.875000000		04/05/2010 21:00	231.06	3.3106	0.39	16.89	0.424	13.21	41.2668	104.7218658	104.760665	2.381440	104.757508	
2010	95	2200	95.916666667		04/05/2010 22:00	230.63	3.3045	0.39	16.87	0.424	13.17	41.2811	104.7175304	104.756330	2.377085	104.753153	
2010	95	2300	95.958333333		04/05/2010 23:00	230.52	3.3030	0.39	16.86	0.424	13.12	41.2847	104.7164214	104.755221	2.375971	104.752039	
2010	95	2400	96.000000000		04/06/2010 0:00	230.4	3.3013	0.39	16.86	0.424	13.09	41.2887	104.7152115	104.754011	2.374756	104.750823	
2010	96	100	96.041666667		04/06/2010 1:00	230.07	3.2966	0.39	16.86	0.424	13.06	41.2996	104.7118843	104.750684	2.371414	104.747481	
2010	96	200	96.083333333		04/06/2010 2:00	230.18	3.2982	0.39	16.88	0.424	13.03	41.2960	104.7129934	104.751793	2.372528	104.748595	
2010	96	300	96.125000000		04/06/2010 3:00	229.93	3.2946	0.39	16.86	0.424	13	41.3042	104.7104728	104.749272	2.369996	104.746063	
2010	96	400	96.166666667		04/06/2010 4:00	229.69	3.2913	0.39	16.87	0.424	12.96	41.3122	104.708053	104.746852	2.367565	104.743633	
2010	96	500	96.208333333		04/06/2010 5:00	229.69	3.2913	0.39	16.87	0.424	12.93	41.3122	104.708053	104.746852	2.367565	104.743633	
2010	96	600	96.250000000		04/06/2010 6:00	229.57	3.2896	0.389	16.87	0.424	12.94	41.3161	104.7068431	104.745642	2.366350	104.742417	
2010	96	700	96.291666667		04/06/2010 7:00	229.68	3.2911	0.39	16.87	0.424	13.65	41.3125	104.7079522	104.746751	2.367464	104.743531	
2010	96	800	96.333333333		04/06/2010 8:00	229.21	3.2845	0.39	16.88	0.424	13.64	41.3280	104.7032135	104.742013	2.362704	104.738771	
2010	96	900	96.375000000		04/06/2010 9:00	229.35	3.2865	0.39	16.88	0.424	13.58	41.3234	104.704625	104.743424	2.364122	104.740189	
2010	96	1000	96.416666667		04/06/2010 10:00	229.13	3.2834	0.39	16.87	0.424	13.54	41.3307	104.7024069	104.741206	2.361894	104.737961	
2010	96	1100	96.458333333		04/06/2010 11:00	229	3.2816	0.39	16.87	0.424	13.52	41.3350	104.7010962	104.739895	2.360577	104.736645	
2010	96	1200	96.500000000		04/06/2010 12:00	228.8	3.2787	0.39	16.86	0.424	13.49	41.3416	104.6990798	104.737879	2.358551	104.734619	
2010	96	1300	96.541666667		04/06/2010 13:00	228.51	3.2747	0.39	16.87	0.424	13.49	41.3512	104.6961559	104.734955	2.355614	104.731682	
2010	96	1400	96.583333333		04/06/2010 14:00	228.51	3.2747	0.39	16.87	0.424	13.47	41.3512	104.6961559	104.734955	2.355614	104.731682	
2010	96	1500	96.625000000		04/06/2010 15:00	228.34	3.2723	0.39	16.87	0.424	13.49	41.3568	104.6944419	104.733241	2.353893	104.729960	
2010	96	1600	96.666666667		04/06/2010 16:00	228.29	3.2716	0.39	16.87	0.424	13.48	41.3585	104.6939378	104.732737	2.353386	104.729454	
2010	96	1700	96.708333333		04/06/2010 17:00	228.29	3.2716	0.39	16.87	0.424	13.48	41.3585	104.6939378	104.732737	2.353386	104.729454	
2010	96	1800	96.750000000		04/06/2010 18:00	228.02	3.2678	0.39	16.86	0.424	13.49	41.3674	104.6912155	104.730015	2.350652	104.726720	
2010	96	1900	96.791666667		04/06/2010 19:00	228.12	3.2692	0.39	16.88	0.424	13.36	41.3641	104.6922238	104.731023	2.351665	104.727732	
2010	96	2000	96.833333333		04/06/2010 20:00	227.92	3.2663	0.39	16.88	0.424	13.3	41.3707	104.6902073	104.729007	2.349639	104.725707	
2010	96	2100	96.875000000		04/06/2010 21:00	227.82	3.2649	0.39	16.87	0.424	13.24	41.3740	104.6891991	104.727998	2.348626	104.724694	
2010	96	2200	96.916666667		04/06/2010 22:00	227.63	3.2623	0.39	16.87	0.424	13.2	41.3803	104.6872834	104.726083	2.346702	104.722770	
2010	96	2300	96.958333333		04/06/2010 23:00	227.43	3.2595	0.39	16.86	0.424	13.16	41.3869	104.685267	104.724066	2.344677	104.720744	
2010	96	2400	97.000000000		04/07/2010 0:00	227.35	3.2583	0.39	16.87	0.424	13.11	41.3896	104.6844604	104.723260	2.343866	104.719934	
2010	97	100	97.041666667		04/07/2010 1:00	227.32	3.2579	0.39	16.87	0.424	13.09	41.3906	104.6841579	104.722957	2.343562	104.719630	
2010	97	200	97.083333333		04/07/2010 2:00	227.18	3.2559	0.39	16.87	0.424	13.05	41.3952	104.6827464	104.721546	2.342145	104.718212	
2010	97	300	97.125000000		04/07/2010 3:00	227.15	3.2555	0.39	16.87	0.424	13.02	41.3962	104.6824439	104.721243	2.341841	104.717908	
2010	97	400	97.166666667		04/07/2010 4:00	227.12	3.2551	0.39	16.87	0.424	12.98	41.3972	104.6821414	104.720941	2.341537	104.717605	
2010	97	500	97.208333333		04/07/2010 5:00	227.15	3.2555	0.39	16.87	0.424	12.95	41.3962	104.6824439	104.721243	2.341841	104.717908	
2010	97	600	97.250000000		04/07/2010 6:00	227.02	3.2537	0.39	16.88	0.424	13.09	41.4005	104.6811332	104.719932	2.340524	104.716592	
2010	97	700	97.291666667		04/07/2010 7:00	227.06	3.2542	0.39	16.87	0.424	13.62	41.3992	104.6815365	104.720336	2.340929	104.716997	
2010	97	800	97.333333333		04/07/2010 8:00	226.85	3.2513	0.39	16.85	0.424	13.6	41.4061	104.6794192	104.718218	2.338802	104.714870	
2010	97	900	97.375000000		04/07/2010 9:00	226.68	3.2489	0.39	16.88	0.424	13.56	41.4117	104.6777052	104.716504	2.337081	104.713148	
2010	97	1000	97.416666667		04/07/2010 10:00	227.14	3.2554	0.39	16.86	0.424	13.53	41.3965	104.6823431	104.721142	2.341739	104.717807	
2010	97	1100	97.458333333		04/07/2010 11:00	226.94	3.2526	0.39	16.87	0.424	13.49	41.4031	104.6803266	104.719126	2.339714	104.715782	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	97	1200	97.500000000		04/07/2010 12:00	227.02	3.2537	0.389	16.88	0.424	13.45	41.4005	104.6811332	104.719932	2.340524	104.716592	
2010	97	1300	97.541666667		04/07/2010 13:00	226.39	3.2448	0.389	16.88	0.424	13.43	41.4213	104.6747813	104.713581	2.334144	104.710211	
2010	97	1400	97.583333333		04/07/2010 14:00	227.02	3.2537	0.389	16.87	0.424	13.41	41.4005	104.6811332	104.719932	2.340524	104.716592	
2010	97	1500	97.625000000		04/07/2010 15:00	226.75	3.2499	0.39	16.87	0.424	13.38	41.4094	104.678411	104.717210	2.337790	104.713857	
2010	97	1600	97.666666667		04/07/2010 16:00	226.72	3.2495	0.39	16.87	0.424	13.39	41.4104	104.6781085	104.716908	2.337486	104.713554	
2010	97	1700	97.708333333		04/07/2010 17:00	226.76	3.2500	0.389	16.88	0.424	13.42	41.4091	104.6785118	104.717311	2.337891	104.713959	
2010	97	1800	97.750000000		04/07/2010 18:00	226.52	3.2466	0.39	16.87	0.424	13.38	41.4170	104.676092	104.714891	2.335460	104.711528	
2010	97	1900	97.791666667		04/07/2010 19:00	226.32	3.2438	0.39	16.87	0.424	13.3	41.4236	104.6740756	104.712875	2.333435	104.709503	
2010	97	2000	97.833333333		04/07/2010 20:00	226.06	3.2402	0.39	16.88	0.424	13.24	41.4322	104.6714542	104.710253	2.330802	104.706869	
2010	97	2100	97.875000000		04/07/2010 21:00	226.04	3.2399	0.39	16.88	0.424	13.19	41.4329	104.6712525	104.710052	2.330599	104.706667	
2010	97	2200	97.916666667		04/07/2010 22:00	225.89	3.2378	0.39	16.89	0.424	13.15	41.4379	104.6697402	104.708539	2.329080	104.705148	
2010	97	2300	97.958333333		04/07/2010 23:00	225.65	3.2344	0.389	16.89	0.424	13.11	41.4458	104.6673204	104.706120	2.326649	104.702717	
2010	97	2400	98.000000000		04/08/2010 0:00	225.53	3.2327	0.389	16.88	0.424	13.07	41.4498	104.6661105	104.704910	2.325434	104.701502	
2010	98	100	98.041666667		04/08/2010 1:00	225.45	3.2316	0.389	16.86	0.424	13.03	41.4524	104.665304	104.704103	2.324624	104.700691	
2010	98	200	98.083333333		04/08/2010 2:00	225.65	3.2344	0.389	16.87	0.424	13	41.4458	104.6673204	104.706120	2.326649	104.702717	
2010	98	300	98.125000000		04/08/2010 3:00	226.02	3.2396	0.389	16.86	0.424	12.97	41.4336	104.6710509	104.709850	2.330397	104.706464	
2010	98	400	98.166666667		04/08/2010 4:00	226.47	3.2459	0.389	16.88	0.424	12.94	41.4187	104.6755879	104.714387	2.334954	104.711022	
2010	98	500	98.208333333		04/08/2010 5:00	227.01	3.2535	0.39	16.86	0.424	12.91	41.4008	104.6810324	104.719832	2.340423	104.716491	
2010	98	600	98.250000000		04/08/2010 6:00	227.53	3.2609	0.39	16.88	0.424	12.88	41.3836	104.6862752	104.725074	2.345689	104.721757	
2010	98	700	98.291666667		04/08/2010 7:00	227.92	3.2663	0.389	16.87	0.424	13.6	41.3707	104.6902073	104.729007	2.349639	104.725707	
2010	98	800	98.333333333		04/08/2010 8:00	228.26	3.2711	0.389	16.86	0.424	13.6	41.3595	104.6936353	104.732435	2.353082	104.729150	
2010	98	900	98.375000000		04/08/2010 9:00	229.06	3.2824	0.389	16.87	0.424	13.57	41.3330	104.7017012	104.740500	2.361185	104.737252	
2010	98	1000	98.416666667		04/08/2010 10:00	228.95	3.2809	0.39	16.88	0.424	13.55	41.3366	104.7005921	104.739391	2.360071	104.736138	
2010	98	1100	98.458333333		04/08/2010 11:00	229.21	3.2845	0.39	16.88	0.424	13.53	41.3280	104.7032135	104.742013	2.362704	104.738771	
2010	98	1200	98.500000000		04/08/2010 12:00	230.18	3.2982	0.389	16.87	0.424	13.52	41.2960	104.7129934	104.751793	2.372528	104.748595	
2010	98	1300	98.541666667		04/08/2010 13:00	230.01	3.2958	0.39	16.88	0.424	13.51	41.3016	104.7112794	104.750079	2.370806	104.746874	
2010	98	1400	98.583333333		04/08/2010 14:00	230.1	3.2970	0.39	16.89	0.424	13.51	41.2986	104.7121868	104.750986	2.371717	104.747785	
2010	98	1500	98.625000000		04/08/2010 15:00	230.04	3.2962	0.39	16.87	0.424	13.49	41.3006	104.7115818	104.750381	2.371110	104.747177	
2010	98	1600	98.666666667		04/08/2010 16:00	230.48	3.3024	0.389	16.88	0.424	13.49	41.2860	104.7160181	104.754817	2.375566	104.751634	
2010	98	1700	98.708333333		04/08/2010 17:00	230.4	3.3013	0.39	16.89	0.424	13.51	41.2887	104.7152115	104.754011	2.374756	104.750823	
2010	98	1800	98.750000000		04/08/2010 18:00	230.66	3.3049	0.389	16.87	0.424	13.56	41.2801	104.7178329	104.756632	2.377389	104.753457	
2010	98	1900	98.791666667		04/08/2010 19:00	230.65	3.3048	0.389	16.88	0.424	13.41	41.2804	104.7177321	104.756531	2.377288	104.753355	
2010	98	2000	98.833333333		04/08/2010 20:00	230.75	3.3062	0.389	16.88	0.424	13.34	41.2771	104.7187403	104.757540	2.378300	104.754368	
2010	98	2100	98.875000000		04/08/2010 21:00	230.76	3.3063	0.389	16.88	0.424	13.3	41.2768	104.7188411	104.757640	2.378402	104.754469	
2010	98	2200	98.916666667		04/08/2010 22:00	230.89	3.3082	0.389	16.87	0.424	13.25	41.2725	104.7201518	104.758951	2.379718	104.755786	
2010	98	2300	98.958333333		04/08/2010 23:00	231.02	3.3100	0.389	16.87	0.424	13.21	41.2682	104.7214625	104.760262	2.381035	104.757103	
2010	98	2400	99.000000000		04/09/2010 0:00	231.04	3.3103	0.389	16.88	0.424	13.17	41.2675	104.7216642	104.760463	2.381237	104.757305	
2010	99	100	99.041666667		04/09/2010 1:00	231.18	3.3122	0.389	16.88	0.424	13.14	41.2629	104.7230757	104.761875	2.382655	104.758723	
2010	99	200	99.083333333		04/09/2010 2:00	231.36	3.3148	0.389	16.88	0.424	13.11	41.2569	104.7248905	104.763690	2.384478	104.760546	
2010	99	300	99.125000000		04/09/2010 3:00	231.59	3.3180	0.389	16.88	0.424	13.08	41.2493	104.7272095	104.766009	2.386808	104.762875	
2010	99	400	99.166666667		04/09/2010 4:00	231.75	3.3203	0.389	16.88	0.424	13.04	41.2440	104.7288226	104.767622	2.388428	104.764496	
2010	99	500	99.208333333		04/09/2010 5:00	232.11	3.3253	0.389	16.88	0.424	13.01	41.2321	104.7324523	104.771251	2.392074	104.768142	
2010	99	600	99.250000000		04/09/2010 6:00	232.22	3.3269	0.389	16.89	0.424	13.09	41.2285	104.7335613	104.772361	2.393188	104.769256	
2010	99	700	99.291666667		04/09/2010 7:00	232.43	3.3298	0.389	16.88	0.424	13.72	41.2215	104.7356786	104.774478	2.395315	104.771382	
2010	99	800	99.333333333		04/09/2010 8:00	232.64	3.3328	0.389	16.88	0.424	13.68	41.2146	104.7377959	104.776595	2.397442	104.773509	
2010	99	900	99.375000000		04/09/2010 9:00	232.78	3.3348	0.389	16.88	0.424	13.65	41.2099	104.7392074	104.778007	2.398859	104.774927	
2010	99	1000	99.416666667		04/09/2010 10:00	232.7	3.3336	0.389	16.86	0.424	13.6	41.2126	104.7384008	104.777200	2.398049	104.774117	
2010	99	1100	99.458333333		04/09/2010 11:00	233.87	3.3501	0.389	16.88	0.424	13.56	41.1739	104.7501972	104.788996	2.409899	104.785966	
2010	99	1200	99.500000000		04/09/2010 12:00	232.57	3.3318	0.39	16.88	0.424	13.53	41.2169	104.7370901	104.775889	2.396733	104.772800	
2010	99	1300	99.541666667		04/09/2010 13:00	232.87	3.3360	0.389	16.87	0.424	13.48	41.2070	104.7401148	104.778914	2.399771	104.775839	
2010	99	1400	99.583333333		04/09/2010 14:00	233.17	3.3403	0.39	16.88	0.424	13.47	41.1970	104.7431395	104.781939	2.402809	104.778877	
2010	99	1500	99.625000000		04/09/2010 15:00	233.34	3.3427	0.39	16.87	0.424	13.49	41.1914	104.7448535	104.783653	2.404531	104.780599	
2010	99	1600	99.666666667		04/09/2010 16:00	233.54	3.3455	0.389	16.88	0.424	13.5	41.1848	104.74687	104.785669	2.406556	104.782624	
2010	99	1700	99.708333333		04/09/2010 17:00	233.56	3.3458	0.389	16.88	0.424	13.51	41.1841	104.7470716	104.785871	2.406759	104.782827	
2010	99	1800	99.750000000		04/09/2010 18:00	233.65	3.3470	0.389	16.89	0.423	13.53	41.1812	104.747979	104.786778	2.407671	104.783738	
2010	99	1900	99.791666667		04/09/2010 19:00	233.98	3.3517	0.389	16.86	0.424	13.41	41.1703	104.7513062	104.790105	2.411013	104.787080	
2010	99	2000	99.833333333		04/09/2010 20:00	234.18	3.3545	0.389	16.89	0.423	13.34	41.1636	104.7533227	104.792122	2.413038	104.789106	
2010	99	2100	99.875000000		04/09/2010 21:00	234.15	3.3541	0.389	16.89	0.424	13.28	41.1646	104.7530202	104.791819	2.412734	104.788802	
2010	99	2200	99.916666667		04/09/2010 22:00	234.44	3.3581	0.389	16.87	0.424	13.24	41.1550	104.7559441	104.794743	2.415671	104.791739	
2010	99	2300	99.958333333		04/09/2010 23:00	234.68	3.3615	0.389	16.88	0.424	13.19	41.1471	104.7583638	104.797163	2.418102	104.794170	
2010	99	2400	100.000000000		04/10/2010 0:00	234.92	3.3649	0.389	16.87	0.424	13.15	41.1392	104.7607836	104.799583	2.420533	104.796600	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	100	100	100.041666667		04/10/2010 1:00	235.15	3.3681	0.389	16.9	0.423	13.12	41.1316	104.7631025	104.801902	2.422862	104.798930	
2010	100	200	100.083333333		04/10/2010 2:00	235.29	3.3701	0.389	16.88	0.424	13.08	41.1269	104.7645141	104.803313	2.424280	104.800348	
2010	100	300	100.125000000		04/10/2010 3:00	235.56	3.3739	0.389	16.87	0.424	13.05	41.1180	104.7672363	104.806036	2.427014	104.803082	
2010	100	400	100.166666667		04/10/2010 4:00	235.75	3.3766	0.389	16.88	0.424	13.02	41.1117	104.7691519	104.807951	2.428939	104.805006	
2010	100	500	100.208333333		04/10/2010 5:00	235.99	3.3800	0.389	16.88	0.424	12.99	41.1038	104.7715717	104.810371	2.431369	104.807437	
2010	100	600	100.250000000		04/10/2010 6:00	236.1	3.3815	0.389	16.88	0.424	13.16	41.1001	104.7726808	104.811480	2.432483	104.808551	
2010	100	700	100.291666667		04/10/2010 7:00	236.17	3.3825	0.389	16.88	0.424	13.77	41.0978	104.7733865	104.812186	2.433192	104.809260	
2010	100	800	100.333333333		04/10/2010 8:00	236.22	3.3832	0.389	16.87	0.423	13.69	41.0962	104.7738906	104.812690	2.433699	104.809766	
2010	100	900	100.375000000		04/10/2010 9:00	236.49	3.3870	0.389	16.88	0.424	13.64	41.0872	104.7766129	104.815412	2.436433	104.812501	
2010	100	1000	100.416666667		04/10/2010 10:00	236.59	3.3884	0.389	16.89	0.423	13.59	41.0839	104.7776211	104.816420	2.437446	104.813514	
2010	100	1100	100.458333333		04/10/2010 11:00	236.63	3.3890	0.389	16.89	0.424	13.53	41.0826	104.7780244	104.816824	2.437851	104.813919	
2010	100	1200	100.500000000		04/10/2010 12:00	236.73	3.3904	0.389	16.87	0.424	13.49	41.0793	104.7790326	104.817832	2.438864	104.814931	
2010	100	1300	100.541666667		04/10/2010 13:00	237.06	3.3950	0.389	16.87	0.424	13.45	41.0684	104.7823598	104.821159	2.442206	104.818274	
2010	100	1400	100.583333333		04/10/2010 14:00	236.99	3.3940	0.389	16.87	0.424	13.42	41.0707	104.781654	104.820453	2.441497	104.817565	
2010	100	1500	100.625000000		04/10/2010 15:00	237.42	3.4001	0.389	16.87	0.423	13.43	41.0565	104.7859894	104.824789	2.445852	104.821919	
2010	100	1600	100.666666667		04/10/2010 16:00	237.62	3.4029	0.389	16.87	0.424	13.45	41.0498	104.7880059	104.826805	2.447877	104.823945	
2010	100	1700	100.708333333		04/10/2010 17:00	237.71	3.4042	0.389	16.87	0.424	13.47	41.0469	104.7889133	104.827713	2.448789	104.824857	
2010	100	1800	100.750000000		04/10/2010 18:00	237.74	3.4046	0.389	16.87	0.424	13.47	41.0459	104.7892158	104.828015	2.449093	104.825160	
2010	100	1900	100.791666667		04/10/2010 19:00	237.9	3.4069	0.389	16.88	0.423	13.36	41.0406	104.7908289	104.829628	2.450713	104.826781	
2010	100	2000	100.833333333		04/10/2010 20:00	237.93	3.4073	0.389	16.88	0.423	13.3	41.0396	104.7911314	104.829931	2.451017	104.827085	
2010	100	2100	100.875000000		04/10/2010 21:00	237.99	3.4081	0.389	16.86	0.424	13.24	41.0376	104.7917364	104.830536	2.451625	104.827692	
2010	100	2200	100.916666667		04/10/2010 22:00	238.07	3.4093	0.389	16.86	0.424	13.21	41.0350	104.7925429	104.831342	2.452435	104.828502	
2010	100	2300	100.958333333		04/10/2010 23:00	238.29	3.4123	0.389	16.87	0.424	13.17	41.0277	104.794761	104.833560	2.454663	104.830731	
2010	100	2400	101.000000000		04/11/2010 0:00	238.33	3.4129	0.389	16.87	0.424	13.13	41.0264	104.7951643	104.833964	2.455068	104.831136	
2010	101	100	101.041666667		04/11/2010 1:00	238.47	3.4149	0.389	16.86	0.424	13.09	41.0217	104.7965759	104.835375	2.456486	104.832554	
2010	101	200	101.083333333		04/11/2010 2:00	238.61	3.4169	0.389	16.86	0.424	13.05	41.0171	104.7979874	104.836787	2.457904	104.833971	
2010	101	300	101.125000000		04/11/2010 3:00	238.62	3.4170	0.389	16.87	0.424	13.02	41.0168	104.7980882	104.836887	2.458005	104.834073	
2010	101	400	101.166666667		04/11/2010 4:00	238.74	3.4187	0.389	16.87	0.424	12.98	41.0128	104.7992981	104.838097	2.459220	104.835288	
2010	101	500	101.208333333		04/11/2010 5:00	238.84	3.4201	0.389	16.88	0.424	12.95	41.0095	104.8003063	104.839106	2.460233	104.836301	
2010	101	600	101.250000000		04/11/2010 6:00	238.94	3.4215	0.389	16.88	0.424	12.94	41.0062	104.8013146	104.840114	2.461246	104.837314	
2010	101	700	101.291666667		04/11/2010 7:00	238.84	3.4201	0.389	16.88	0.424	13.65	41.0095	104.8003063	104.839106	2.460233	104.836301	
2010	101	800	101.333333333		04/11/2010 8:00	238.97	3.4219	0.389	16.87	0.424	13.57	41.0052	104.801617	104.840416	2.461550	104.837617	
2010	101	900	101.375000000		04/11/2010 9:00	238.99	3.4222	0.389	16.87	0.424	13.54	41.0045	104.8018187	104.840618	2.461752	104.837820	
2010	101	1000	101.416666667		04/11/2010 10:00	239.08	3.4235	0.389	16.88	0.424	13.51	41.0016	104.8027261	104.841525	2.462664	104.838731	
2010	101	1100	101.458333333		04/11/2010 11:00	239.04	3.4229	0.389	16.87	0.424	13.47	41.0029	104.8023228	104.841122	2.462259	104.838326	
2010	101	1200	101.500000000		04/11/2010 12:00	239.51	3.4295	0.389	16.87	0.424	13.44	40.9873	104.8070615	104.845861	2.467019	104.843086	
2010	101	1300	101.541666667		04/11/2010 13:00	239.59	3.4307	0.389	16.86	0.424	13.41	40.9847	104.8078681	104.846667	2.467829	104.843896	
2010	101	1400	101.583333333		04/11/2010 14:00	239.49	3.4292	0.389	16.87	0.424	13.39	40.9880	104.8068598	104.845659	2.466816	104.842884	
2010	101	1500	101.625000000		04/11/2010 15:00	239.32	3.4268	0.389	16.88	0.424	13.36	40.9936	104.8051458	104.843945	2.465094	104.841162	
2010	101	1600	101.666666667		04/11/2010 16:00	240.26	3.4401	0.389	16.87	0.424	13.36	40.9625	104.8146232	104.853422	2.474614	104.850682	
2010	101	1700	101.708333333		04/11/2010 17:00	239.74	3.4328	0.389	16.88	0.423	13.37	40.9797	104.8093804	104.848180	2.469348	104.845416	
2010	101	1800	101.750000000		04/11/2010 18:00	240.16	3.4387	0.389	16.87	0.424	13.41	40.9658	104.813615	104.852414	2.473602	104.849669	
2010	101	1900	101.791666667		04/11/2010 19:00	240.25	3.4399	0.389	16.86	0.424	13.3	40.9629	104.8145224	104.853322	2.474513	104.850581	
2010	101	2000	101.833333333		04/11/2010 20:00	240.44	3.4426	0.389	16.88	0.424	13.23	40.9566	104.8164381	104.855237	2.476437	104.852505	
2010	101	2100	101.875000000		04/11/2010 21:00	240.68	3.4460	0.389	16.88	0.424	13.19	40.9486	104.8188578	104.857657	2.478868	104.854936	
2010	101	2200	101.916666667		04/11/2010 22:00	240.52	3.4437	0.389	16.9	0.424	13.14	40.9539	104.8172446	104.856044	2.477248	104.853315	
2010	101	2300	101.958333333		04/11/2010 23:00	240.53	3.4439	0.389	16.87	0.424	13.09	40.9536	104.8173455	104.856145	2.477349	104.853416	
2010	101	2400	102.000000000		04/12/2010 0:00	240.49	3.4433	0.389	16.88	0.424	13.06	40.9549	104.8169422	104.855741	2.476944	104.853011	
2010	102	100	102.041666667		04/12/2010 1:00	240.52	3.4437	0.389	16.87	0.424	13.02	40.9539	104.8172446	104.856044	2.477248	104.853315	
2010	102	200	102.083333333		04/12/2010 2:00	240.52	3.4437	0.389	16.88	0.424	12.99	40.9539	104.8172446	104.856044	2.477248	104.853315	
2010	102	300	102.125000000		04/12/2010 3:00	240.47	3.4430	0.389	16.88	0.424	12.96	40.9556	104.8167405	104.855540	2.476741	104.852809	
2010	102	400	102.166666667		04/12/2010 4:00	240.54	3.4440	0.389	16.86	0.424	12.92	40.9533	104.8174463	104.856245	2.477450	104.853518	
2010	102	500	102.208333333		04/12/2010 5:00	240.64	3.4454	0.389	16.86	0.424	12.89	40.9500	104.8184545	104.857254	2.478463	104.854531	
2010	102	600	102.250000000		04/12/2010 6:00	240.67	3.4459	0.389	16.87	0.424	12.87	40.9490	104.818757	104.857556	2.478767	104.854834	
2010	102	700	102.291666667		04/12/2010 7:00	240.62	3.4452	0.389	16.87	0.424	13.57	40.9506	104.8182529	104.857052	2.478260	104.854328	
2010	102	800	102.333333333		04/12/2010 8:00	240.63	3.4453	0.389	16.86	0.424	13.56	40.9503	104.8183537	104.857153	2.478362	104.854429	
2010	102	900	102.375000000		04/12/2010 9:00	240.31	3.4408	0.389	16.87	0.424	13.54	40.9609	104.8151274	104.853927	2.475121	104.851188	
2010	102	1000	102.416666667		04/12/2010 10:00	240.05	3.4371	0.389	16.87	0.424	13.47	40.9695	104.8125059	104.851305	2.472488	104.848555	
2010	102	1100	102.458333333		04/12/2010 11:00	240.83	3.4481	0.389	16.86	0.424	13.45	40.9437	104.8203702	104.859169	2.480387	104.856455	
2010	102	1200	102.500000000		04/12/2010 12:00	240.24	3.4398	0.389	16.86	0.423	13.43	40.9632	104.8144216	104.853221	2.474412	104.850479	
2010	102	1300	102.541666667		04/12/2010 13:00	241	3.4505	0.389	16.87	0.423	13.41	40.9380	104.8220842	104.860883	2.482109	104.858176	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	102	1400	102.583333333		04/12/2010 14:00	240.83	3.4481	0.389	16.88	0.423	13.39	40.9437	104.8203702	104.859169	2.480387	104.856455	
2010	102	1500	102.625000000		04/12/2010 15:00	239.88	3.4347	0.389	16.86	0.423	13.37	40.9751	104.810792	104.849591	2.470766	104.846834	
2010	102	1600	102.666666667		04/12/2010 16:00	240.7	3.4463	0.389	16.87	0.423	13.39	40.9480	104.8190595	104.857859	2.479070	104.855138	
2010	102	1700	102.708333333		04/12/2010 17:00	240.61	3.4450	0.389	16.87	0.424	13.4	40.9509	104.8181521	104.856951	2.478159	104.854227	
2010	102	1800	102.750000000		04/12/2010 18:00	240.67	3.4459	0.389	16.86	0.424	13.42	40.9490	104.818757	104.857556	2.478767	104.854834	
2010	102	1900	102.791666667		04/12/2010 19:00	240.76	3.4471	0.389	16.87	0.423	13.32	40.9460	104.8196644	104.858464	2.479678	104.855746	
2010	102	2000	102.833333333		04/12/2010 20:00	240.76	3.4471	0.389	16.89	0.423	13.25	40.9460	104.8196644	104.858464	2.479678	104.855746	
2010	102	2100	102.875000000		04/12/2010 21:00	240.63	3.4453	0.389	16.87	0.423	13.2	40.9503	104.8183537	104.857153	2.478362	104.854429	
2010	102	2200	102.916666667		04/12/2010 22:00	240.64	3.4454	0.389	16.86	0.423	13.15	40.9500	104.8184545	104.857254	2.478463	104.854531	
2010	102	2300	102.958333333		04/12/2010 23:00	240.6	3.4449	0.389	16.85	0.424	13.11	40.9513	104.8180512	104.856850	2.478058	104.854125	
2010	102	2400	103.000000000		04/13/2010 0:00	240.57	3.4444	0.389	16.86	0.424	13.08	40.9523	104.8177488	104.856548	2.477754	104.853822	
2010	103	100	103.041666667		04/13/2010 1:00	240.62	3.4452	0.389	16.86	0.424	13.05	40.9506	104.8182529	104.857052	2.478260	104.854328	
2010	103	200	103.083333333		04/13/2010 2:00	240.58	3.4446	0.389	16.86	0.423	13.02	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	103	300	103.125000000		04/13/2010 3:00	240.58	3.4446	0.389	16.87	0.423	12.98	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	103	400	103.166666667		04/13/2010 4:00	240.54	3.4440	0.389	16.87	0.423	12.95	40.9533	104.8174463	104.856245	2.477450	104.853518	
2010	103	500	103.208333333		04/13/2010 5:00	240.45	3.4428	0.389	16.87	0.423	12.92	40.9562	104.8165389	104.855338	2.476539	104.852606	
2010	103	600	103.250000000		04/13/2010 6:00	240.41	3.4422	0.389	16.86	0.424	12.93	40.9576	104.8161356	104.854935	2.476133	104.852201	
2010	103	700	103.291666667		04/13/2010 7:00	240.2	3.4392	0.389	16.87	0.424	13.59	40.9645	104.8140183	104.852818	2.474007	104.850074	
2010	103	800	103.333333333		04/13/2010 8:00	240.04	3.4370	0.389	16.88	0.423	13.57	40.9698	104.8124051	104.851204	2.472386	104.848454	
2010	103	900	103.375000000		04/13/2010 9:00	239.9	3.4350	0.389	16.88	0.423	13.54	40.9744	104.8109936	104.849793	2.470968	104.847036	
2010	103	1000	103.416666667		04/13/2010 10:00	239.48	3.4291	0.389	16.88	0.423	13.49	40.9883	104.806759	104.845558	2.466715	104.842782	
2010	103	1100	103.458333333		04/13/2010 11:00	239.44	3.4285	0.389	16.87	0.424	13.47	40.9896	104.8063557	104.845155	2.466310	104.842377	
2010	103	1200	103.500000000		04/13/2010 12:00	238.65	3.4174	0.389	16.86	0.423	13.45	41.0158	104.7983907	104.837190	2.458309	104.834377	
2010	103	1300	103.541666667		04/13/2010 13:00	239.68	3.4319	0.389	16.87	0.423	13.4	40.9817	104.8087755	104.847575	2.468740	104.844808	
2010	103	1400	103.583333333		04/13/2010 14:00	238.9	3.4209	0.389	16.87	0.424	13.39	41.0075	104.8009113	104.839710	2.460841	104.836908	
2010	103	1500	103.625000000		04/13/2010 15:00	238.94	3.4215	0.389	16.89	0.423	13.39	41.0062	104.8013146	104.840114	2.461246	104.837314	
2010	103	1600	103.666666667		04/13/2010 16:00	238.88	3.4207	0.389	16.88	0.423	13.39	41.0082	104.8007096	104.839509	2.460638	104.836706	
2010	103	1700	103.708333333		04/13/2010 17:00	238.92	3.4212	0.389	16.87	0.424	13.45	41.0068	104.8011129	104.839912	2.461043	104.837111	
2010	103	1800	103.750000000		04/13/2010 18:00	238.77	3.4191	0.389	16.87	0.423	13.47	41.0118	104.7996006	104.838400	2.459524	104.835592	
2010	103	1900	103.791666667		04/13/2010 19:00	238.9	3.4209	0.389	16.87	0.423	13.36	41.0075	104.8009113	104.839710	2.460841	104.836908	
2010	103	2000	103.833333333		04/13/2010 20:00	238.9	3.4209	0.389	16.87	0.424	13.28	41.0075	104.8009113	104.839710	2.460841	104.836908	
2010	103	2100	103.875000000		04/13/2010 21:00	238.81	3.4197	0.389	16.85	0.424	13.24	41.0105	104.8000039	104.838803	2.459929	104.835997	
2010	103	2200	103.916666667		04/13/2010 22:00	238.88	3.4207	0.389	16.86	0.424	13.19	41.0082	104.8007096	104.839509	2.460638	104.836706	
2010	103	2300	103.958333333		04/13/2010 23:00	238.74	3.4187	0.389	16.87	0.423	13.15	41.0128	104.7992981	104.838097	2.459220	104.835288	
2010	103	2400	104.000000000		04/14/2010 0:00	238.75	3.4188	0.389	16.87	0.424	13.11	41.0125	104.7993989	104.838198	2.459322	104.835389	
2010	104	100	104.041666667		04/14/2010 1:00	238.68	3.4178	0.389	16.87	0.423	13.07	41.0148	104.7986932	104.837492	2.458613	104.834680	
2010	104	200	104.083333333		04/14/2010 2:00	238.6	3.4167	0.389	16.88	0.423	13.04	41.0174	104.7978866	104.836686	2.457802	104.833870	
2010	104	300	104.125000000		04/14/2010 3:00	238.58	3.4164	0.389	16.88	0.423	13.01	41.0181	104.7976849	104.836484	2.457600	104.833668	
2010	104	400	104.166666667		04/14/2010 4:00	238.52	3.4156	0.389	16.87	0.423	12.97	41.0201	104.79708	104.835879	2.456992	104.833060	
2010	104	500	104.208333333		04/14/2010 5:00	238.38	3.4136	0.389	16.87	0.423	12.94	41.0247	104.7956685	104.834468	2.455574	104.831642	
2010	104	600	104.250000000		04/14/2010 6:00	238.01	3.4084	0.389	16.88	0.424	13.1	41.0369	104.791938	104.830737	2.451827	104.827895	
2010	104	700	104.291666667		04/14/2010 7:00	237.77	3.4050	0.389	16.87	0.424	13.64	41.0449	104.7895182	104.828317	2.449396	104.825464	
2010	104	800	104.333333333		04/14/2010 8:00	237.87	3.4064	0.389	16.86	0.424	13.56	41.0416	104.7905265	104.829326	2.450409	104.826477	
2010	104	900	104.375000000		04/14/2010 9:00	237.59	3.4025	0.389	16.88	0.424	13.52	41.0508	104.7877034	104.826503	2.447573	104.823641	
2010	104	1000	104.416666667		04/14/2010 10:00	237.29	3.3983	0.389	16.88	0.423	13.47	41.0608	104.7846787	104.823478	2.444535	104.820603	
2010	104	1100	104.458333333		04/14/2010 11:00	237.58	3.4024	0.389	16.86	0.424	13.43	41.0512	104.7876026	104.826402	2.447472	104.823540	
2010	104	1200	104.500000000		04/14/2010 12:00	237.42	3.4001	0.389	16.87	0.423	13.41	41.0565	104.7859894	104.824789	2.445852	104.821919	
2010	104	1300	104.541666667		04/14/2010 13:00	237.55	3.4019	0.389	16.87	0.423	13.38	41.0522	104.7873001	104.826099	2.447168	104.823236	
2010	104	1400	104.583333333		04/14/2010 14:00	237.16	3.3964	0.389	16.86	0.424	13.36	41.0651	104.783368	104.822167	2.443219	104.819286	
2010	104	1500	104.625000000		04/14/2010 15:00	237.02	3.3945	0.389	16.87	0.424	13.32	41.0697	104.7819565	104.820756	2.441801	104.817868	
2010	104	1600	104.666666667		04/14/2010 16:00	237.62	3.4029	0.389	16.86	0.423	13.3	41.0498	104.7880059	104.826805	2.447877	104.823945	
2010	104	1700	104.708333333		04/14/2010 17:00	237.16	3.3964	0.389	16.87	0.423	13.33	41.0651	104.783368	104.822167	2.443219	104.819286	
2010	104	1800	104.750000000		04/14/2010 18:00	237.32	3.3987	0.389	16.87	0.423	13.34	41.0598	104.7849812	104.823780	2.444839	104.820907	
2010	104	1900	104.791666667		04/14/2010 19:00	237.19	3.3969	0.389	16.87	0.423	13.23	41.0641	104.7836705	104.822470	2.443522	104.819590	
2010	104	2000	104.833333333		04/14/2010 20:00	237.09	3.3955	0.389	16.86	0.423	13.17	41.0674	104.7826623	104.821461	2.442510	104.818577	
2010	104	2100	104.875000000		04/14/2010 21:00	237.03	3.3946	0.389	16.88	0.423	13.12	41.0694	104.7820573	104.820857	2.441902	104.817970	
2010	104	2200	104.916666667		04/14/2010 22:00	236.88	3.3925	0.389	16.88	0.423	13.08	41.0743	104.780545	104.819344	2.440383	104.816451	
2010	104	2300	104.958333333		04/14/2010 23:00	236.93	3.3932	0.389	16.86	0.423	13.04	41.0727	104.7810491	104.819848	2.440889	104.816957	
2010	104	2400	105.000000000		04/15/2010 0:00	236.91	3.3929	0.389	16.87	0.424	13	41.0733	104.7808474	104.819647	2.440687	104.816754	
2010	105	100	105.041666667		04/15/2010 1:00	236.68	3.3897	0.389	16.86	0.424	12.96	41.0809	104.7785285	104.817328	2.438357	104.814425	
2010	105	200	105.083333333		04/15/2010 2:00	236.75	3.3907	0.389	16.86	0.424	12.94	41.0786	104.7792343	104.818033	2.439066	104.815134	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	105	300	105.125000000		04/15/2010 3:00	236.65	3.3893	0.389	16.87	0.423	12.9	41.0819	104.778226	104.817025	2.438053	104.814121	
2010	105	400	105.166666667		04/15/2010 4:00	236.56	3.3880	0.389	16.86	0.423	12.86	41.0849	104.7773186	104.816118	2.437142	104.813210	
2010	105	500	105.208333333		04/15/2010 5:00	236.44	3.3863	0.389	16.87	0.423	12.83	41.0889	104.7761087	104.814908	2.435927	104.811994	
2010	105	600	105.250000000		04/15/2010 6:00	236.42	3.3860	0.389	16.87	0.424	12.85	41.0895	104.7759071	104.814706	2.435724	104.811792	
2010	105	700	105.291666667		04/15/2010 7:00	236.29	3.3842	0.389	16.86	0.424	12.86	41.0938	104.7745964	104.813396	2.434408	104.810475	
2010	105	800	105.333333333		04/15/2010 8:00	235.95	3.3794	0.389	16.87	0.424	13.58	41.1051	104.7711684	104.809968	2.430964	104.807032	
2010	105	900	105.375000000		04/15/2010 9:00	235.61	3.3746	0.389	16.88	0.423	13.49	41.1163	104.7677404	104.806540	2.427521	104.803588	
2010	105	1000	105.416666667		04/15/2010 10:00	235.69	3.3757	0.389	16.87	0.424	13.45	41.1137	104.768547	104.807346	2.428331	104.804399	
2010	105	1100	105.458333333		04/15/2010 11:00	235.86	3.3781	0.389	16.87	0.423	13.42	41.1081	104.770261	104.809060	2.430053	104.806120	
2010	105	1200	105.500000000		04/15/2010 12:00	235.77	3.3769	0.389	16.87	0.423	13.4	41.1110	104.7693536	104.808153	2.429141	104.805209	
2010	105	1300	105.541666667		04/15/2010 13:00	235.93	3.3791	0.389	16.87	0.423	13.37	41.1058	104.7709668	104.809766	2.430762	104.806829	
2010	105	1400	105.583333333		04/15/2010 14:00	235.66	3.3753	0.389	16.87	0.423	13.33	41.1147	104.7682445	104.807044	2.428027	104.804095	
2010	105	1500	105.625000000		04/15/2010 15:00	235.73	3.3763	0.389	16.85	0.423	13.31	41.1124	104.7689503	104.807749	2.428736	104.804804	
2010	105	1600	105.666666667		04/15/2010 16:00	235.99	3.3800	0.389	16.86	0.423	13.29	41.1038	104.7715717	104.810371	2.431369	104.807437	
2010	105	1700	105.708333333		04/15/2010 17:00	235.97	3.3797	0.389	16.87	0.423	13.3	41.1044	104.77137	104.810169	2.431167	104.807234	
2010	105	1800	105.750000000		04/15/2010 18:00	236.02	3.3804	0.389	16.86	0.423	13.31	41.1028	104.7718742	104.810673	2.431673	104.807741	
2010	105	1900	105.791666667		04/15/2010 19:00	236.21	3.3831	0.389	16.88	0.423	13.22	41.0965	104.7737898	104.812589	2.433597	104.809665	
2010	105	2000	105.833333333		04/15/2010 20:00	236.27	3.3839	0.389	16.88	0.423	13.15	41.0945	104.7743947	104.813194	2.434205	104.810273	
2010	105	2100	105.875000000		04/15/2010 21:00	236.26	3.3838	0.389	16.89	0.423	13.1	41.0948	104.7742939	104.813093	2.434104	104.810171	
2010	105	2200	105.916666667		04/15/2010 22:00	236.3	3.3843	0.389	16.87	0.424	13.06	41.0935	104.7746972	104.813496	2.434509	104.810577	
2010	105	2300	105.958333333		04/15/2010 23:00	236.35	3.3850	0.389	16.88	0.423	13.02	41.0919	104.7752013	104.814001	2.435015	104.811083	
2010	105	2400	106.000000000		04/16/2010 0:00	236.67	3.3895	0.389	16.88	0.424	12.99	41.0813	104.7784277	104.817227	2.438256	104.814324	
2010	106	100	106.041666667		04/16/2010 1:00	236.62	3.3888	0.389	16.86	0.424	12.95	41.0829	104.7779236	104.816723	2.437750	104.813817	
2010	106	200	106.083333333		04/16/2010 2:00	236.71	3.3901	0.389	16.88	0.423	12.91	41.0800	104.778831	104.817630	2.438661	104.814729	
2010	106	300	106.125000000		04/16/2010 3:00	236.83	3.3918	0.389	16.88	0.424	12.89	41.0760	104.7800409	104.818840	2.439876	104.815944	
2010	106	400	106.166666667		04/16/2010 4:00	236.89	3.3926	0.389	16.86	0.424	12.85	41.0740	104.7806458	104.819445	2.440484	104.816552	
2010	106	500	106.208333333		04/16/2010 5:00	236.86	3.3922	0.389	16.87	0.423	12.82	41.0750	104.7803433	104.819143	2.440180	104.816248	
2010	106	600	106.250000000		04/16/2010 6:00	236.82	3.3917	0.389	16.87	0.423	12.99	41.0763	104.77994	104.818739	2.439775	104.815843	
2010	106	700	106.291666667		04/16/2010 7:00	236.61	3.3887	0.389	16.87	0.423	13.64	41.0833	104.7778227	104.816622	2.437648	104.813716	
2010	106	800	106.333333333		04/16/2010 8:00	236.84	3.3919	0.389	16.87	0.423	13.54	41.0757	104.7801417	104.818941	2.439978	104.816045	
2010	106	900	106.375000000		04/16/2010 9:00	236.49	3.3870	0.389	16.88	0.423	13.49	41.0872	104.7766129	104.815412	2.436433	104.812501	
2010	106	1000	106.416666667		04/16/2010 10:00	236.37	3.3853	0.389	16.86	0.424	13.43	41.0912	104.775403	104.814202	2.435218	104.811285	
2010	106	1100	106.458333333		04/16/2010 11:00	236.48	3.3869	0.389	16.87	0.423	13.38	41.0876	104.776512	104.815311	2.436332	104.812399	
2010	106	1200	106.500000000		04/16/2010 12:00	236.29	3.3842	0.389	16.85	0.423	13.33	41.0938	104.7745964	104.813396	2.434408	104.810475	
2010	106	1300	106.541666667		04/16/2010 13:00	236.31	3.3845	0.389	16.88	0.423	13.3	41.0932	104.774798	104.813597	2.434610	104.810678	
2010	106	1400	106.583333333		04/16/2010 14:00	236.44	3.3863	0.389	16.89	0.423	13.26	41.0889	104.7761087	104.814908	2.435927	104.811994	
2010	106	1500	106.625000000		04/16/2010 15:00	236.38	3.3855	0.389	16.88	0.424	13.26	41.0909	104.7755038	104.814303	2.435319	104.811387	
2010	106	1600	106.666666667		04/16/2010 16:00	236.46	3.3866	0.389	16.87	0.424	13.26	41.0882	104.7763104	104.815110	2.436129	104.812197	
2010	106	1700	106.708333333		04/16/2010 17:00	236.61	3.3887	0.389	16.87	0.424	13.28	41.0833	104.7778227	104.816622	2.437648	104.813716	
2010	106	1800	106.750000000		04/16/2010 18:00	236.64	3.3891	0.389	16.87	0.424	13.24	41.0823	104.7781252	104.816924	2.437952	104.814020	
2010	106	1900	106.791666667		04/16/2010 19:00	236.71	3.3901	0.389	16.87	0.424	13.15	41.0800	104.778831	104.817630	2.438661	104.814729	
2010	106	2000	106.833333333		04/16/2010 20:00	236.83	3.3918	0.389	16.86	0.424	13.09	41.0760	104.7800409	104.818840	2.439876	104.815944	
2010	106	2100	106.875000000		04/16/2010 21:00	236.8	3.3914	0.389	16.88	0.423	13.05	41.0770	104.7797384	104.818538	2.439573	104.815640	
2010	106	2200	106.916666667		04/16/2010 22:00	236.84	3.3919	0.389	16.88	0.424	13	41.0757	104.7801417	104.818941	2.439978	104.816045	
2010	106	2300	106.958333333		04/16/2010 23:00	236.81	3.3915	0.389	16.87	0.424	12.96	41.0766	104.7798392	104.818638	2.439674	104.815742	
2010	106	2400	107.000000000		04/17/2010 0:00	236.76	3.3908	0.389	16.87	0.424	12.92	41.0783	104.7793351	104.818134	2.439168	104.815235	
2010	107	100	107.041666667		04/17/2010 1:00	237.04	3.3947	0.389	16.86	0.424	12.89	41.0690	104.7821581	104.820957	2.442003	104.818071	
2010	107	200	107.083333333		04/17/2010 2:00	237.15	3.3963	0.389	16.88	0.424	12.86	41.0654	104.7832672	104.822066	2.443117	104.819185	
2010	107	300	107.125000000		04/17/2010 3:00	237.24	3.3976	0.389	16.88	0.423	12.82	41.0624	104.7841746	104.822974	2.444029	104.820097	
2010	107	400	107.166666667		04/17/2010 4:00	237.35	3.3991	0.389	16.88	0.423	12.79	41.0588	104.7852837	104.824083	2.445143	104.821211	
2010	107	500	107.208333333		04/17/2010 5:00	237.43	3.4002	0.389	16.88	0.424	12.77	41.0561	104.7860902	104.824889	2.445953	104.822021	
2010	107	600	107.250000000		04/17/2010 6:00	237.49	3.4011	0.389	16.86	0.424	13.1	41.0541	104.7866952	104.825494	2.446561	104.822628	
2010	107	700	107.291666667		04/17/2010 7:00	237.49	3.4011	0.389	16.85	0.424	13.51	41.0541	104.7866952	104.825494	2.446561	104.822628	
2010	107	800	107.333333333		04/17/2010 8:00	237.73	3.4045	0.389	16.87	0.424	13.46	41.0462	104.7891149	104.827914	2.448991	104.825059	
2010	107	900	107.375000000		04/17/2010 9:00	237.58	3.4024	0.389	16.87	0.424	13.43	41.0512	104.7876026	104.826402	2.447472	104.823540	
2010	107	1000	107.416666667		04/17/2010 10:00	237.87	3.4064	0.389	16.86	0.424	13.38	41.0416	104.7905265	104.829326	2.450409	104.826477	
2010	107	1100	107.458333333		04/17/2010 11:00	237.9	3.4069	0.389	16.87	0.424	13.33	41.0406	104.7908289	104.829628	2.450713	104.826781	
2010	107	1200	107.500000000		04/17/2010 12:00	237.61	3.4028	0.389	16.87	0.424	13.3	41.0502	104.7879051	104.826704	2.447776	104.823844	
2010	107	1300	107.541666667		04/17/2010 13:00	238.3	3.4125	0.389	16.88	0.424	13.27	41.0274	104.7948619	104.833661	2.454764	104.830832	
2010	107	1400	107.583333333		04/17/2010 14:00	237.35	3.3991	0.389	16.88	0.424	13.26	41.0588	104.7852837	104.824083	2.445143	104.821211	
2010	107	1500	107.625000000		04/17/2010 15:00	237.65	3.4033	0.389	16.87	0.424	13.26	41.0489	104.7883084	104.827108	2.448181	104.824249	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	107	1600	107.666666667		04/17/2010 16:00	237.47	3.4008	0.389	16.88	0.424	13.26	41.0548	104.7864935	104.825293	2.446358	104.822426	
2010	107	1700	107.708333333		04/17/2010 17:00	237.65	3.4033	0.389	16.87	0.424	13.28	41.0489	104.7883084	104.827108	2.448181	104.824249	
2010	107	1800	107.750000000		04/17/2010 18:00	237.4	3.3998	0.389	16.87	0.424	13.29	41.0571	104.7857878	104.824587	2.445649	104.821717	
2010	107	1900	107.791666667		04/17/2010 19:00	237.54	3.4018	0.389	16.88	0.424	13.2	41.0525	104.7871993	104.825999	2.447067	104.823135	
2010	107	2000	107.833333333		04/17/2010 20:00	237.32	3.3987	0.389	16.88	0.424	13.13	41.0598	104.7849812	104.823780	2.444839	104.820907	
2010	107	2100	107.875000000		04/17/2010 21:00	237.5	3.4012	0.389	16.86	0.424	13.08	41.0538	104.786796	104.825595	2.446662	104.822730	
2010	107	2200	107.916666667		04/17/2010 22:00	237.37	3.3994	0.39	16.87	0.424	13.04	41.0581	104.7854853	104.824285	2.445345	104.821413	
2010	107	2300	107.958333333		04/17/2010 23:00	237.43	3.4002	0.39	16.87	0.424	12.99	41.0561	104.7860902	104.824889	2.445953	104.822021	
2010	107	2400	108.000000000		04/18/2010 0:00	237.33	3.3988	0.39	16.88	0.424	12.94	41.0594	104.785082	104.823881	2.444940	104.821008	
2010	108	100	108.041666667		04/18/2010 1:00	237.29	3.3983	0.389	16.87	0.424	12.91	41.0608	104.7846787	104.823478	2.444535	104.820603	
2010	108	200	108.083333333		04/18/2010 2:00	237.17	3.3966	0.389	16.88	0.424	12.88	41.0647	104.7834688	104.822268	2.443320	104.819388	
2010	108	300	108.125000000		04/18/2010 3:00	237.12	3.3959	0.389	16.86	0.424	12.85	41.0664	104.7829647	104.821764	2.442813	104.818881	
2010	108	400	108.166666667		04/18/2010 4:00	237.09	3.3955	0.389	16.88	0.424	12.81	41.0674	104.7826623	104.821461	2.442510	104.818577	
2010	108	500	108.208333333		04/18/2010 5:00	237.07	3.3952	0.389	16.88	0.424	12.79	41.0680	104.7824606	104.821260	2.442307	104.818375	
2010	108	600	108.250000000		04/18/2010 6:00	236.73	3.3904	0.389	16.86	0.424	13.02	41.0793	104.7790326	104.817832	2.438864	104.814931	
2010	108	700	108.291666667		04/18/2010 7:00	236.51	3.3873	0.389	16.88	0.424	13.58	41.0866	104.7768145	104.815614	2.436636	104.812703	
2010	108	800	108.333333333		04/18/2010 8:00	236.68	3.3897	0.389	16.87	0.424	13.49	41.0809	104.7785285	104.817328	2.438357	104.814425	
2010	108	900	108.375000000		04/18/2010 9:00	236.78	3.3911	0.39	16.88	0.424	13.43	41.0776	104.7795367	104.818336	2.439370	104.815438	
2010	108	1000	108.416666667		04/18/2010 10:00	236.2	3.3829	0.389	16.87	0.424	13.38	41.0968	104.773689	104.812488	2.433496	104.809564	
2010	108	1100	108.458333333		04/18/2010 11:00	236.16	3.3824	0.389	16.86	0.424	13.35	41.0981	104.7732857	104.812085	2.433091	104.809159	
2010	108	1200	108.500000000		04/18/2010 12:00	236.01	3.3802	0.389	16.89	0.424	13.33	41.1031	104.7717733	104.810573	2.431572	104.807639	
2010	108	1300	108.541666667		04/18/2010 13:00	236.66	3.3894	0.389	16.87	0.424	13.3	41.0816	104.7783269	104.817126	2.438155	104.814222	
2010	108	1400	108.583333333		04/18/2010 14:00	236.23	3.3833	0.389	16.88	0.424	13.26	41.0958	104.7739915	104.812791	2.433800	104.809868	
2010	108	1500	108.625000000		04/18/2010 15:00	236.39	3.3856	0.389	16.88	0.424	13.25	41.0905	104.7756046	104.814404	2.435420	104.811488	
2010	108	1600	108.666666667		04/18/2010 16:00	236.35	3.3850	0.389	16.86	0.424	13.24	41.0919	104.7752013	104.814001	2.435015	104.811083	
2010	108	1700	108.708333333		04/18/2010 17:00	236.52	3.3874	0.389	16.87	0.424	13.25	41.0862	104.7769153	104.815715	2.436737	104.812805	
2010	108	1800	108.750000000		04/18/2010 18:00	236.61	3.3887	0.389	16.87	0.424	13.31	41.0833	104.7778227	104.816622	2.437648	104.813716	
2010	108	1900	108.791666667		04/18/2010 19:00	236.67	3.3895	0.389	16.87	0.424	13.2	41.0813	104.7784277	104.817227	2.438256	104.814324	
2010	108	2000	108.833333333		04/18/2010 20:00	236.61	3.3887	0.389	16.88	0.424	13.13	41.0833	104.7778227	104.816622	2.437648	104.813716	
2010	108	2100	108.875000000		04/18/2010 21:00	236.69	3.3898	0.389	16.86	0.424	13.08	41.0806	104.7786293	104.817429	2.438459	104.814526	
2010	108	2200	108.916666667		04/18/2010 22:00	236.66	3.3894	0.39	16.88	0.424	13.03	41.0816	104.7783269	104.817126	2.438155	104.814222	
2010	108	2300	108.958333333		04/18/2010 23:00	236.66	3.3894	0.39	16.88	0.424	13	41.0816	104.7783269	104.817126	2.438155	104.814222	
2010	108	2400	109.000000000		04/19/2010 0:00	236.57	3.3881	0.39	16.88	0.424	12.96	41.0846	104.7774194	104.816219	2.437243	104.813311	
2010	109	100	109.041666667		04/19/2010 1:00	236.58	3.3883	0.389	16.87	0.424	12.92	41.0843	104.7775203	104.816319	2.437345	104.813412	
2010	109	200	109.083333333		04/19/2010 2:00	236.62	3.3888	0.389	16.88	0.424	12.89	41.0829	104.7779236	104.816723	2.437750	104.813817	
2010	109	300	109.125000000		04/19/2010 3:00	236.69	3.3898	0.389	16.88	0.424	12.86	41.0806	104.7786293	104.817429	2.438459	104.814526	
2010	109	400	109.166666667		04/19/2010 4:00	236.63	3.3890	0.389	16.86	0.424	12.83	41.0826	104.7780244	104.816824	2.437851	104.813919	
2010	109	500	109.208333333		04/19/2010 5:00	236.54	3.3877	0.389	16.85	0.424	12.79	41.0856	104.777117	104.815916	2.436939	104.813007	
2010	109	600	109.250000000		04/19/2010 6:00	236.46	3.3866	0.389	16.86	0.424	13.52	41.0882	104.7763104	104.815110	2.436129	104.812197	
2010	109	700	109.291666667		04/19/2010 7:00	236.55	3.3879	0.389	16.88	0.424	13.51	41.0852	104.7772178	104.816017	2.437041	104.813108	
2010	109	800	109.333333333		04/19/2010 8:00	236.41	3.3859	0.389	16.88	0.424	13.47	41.0899	104.7758063	104.814605	2.435623	104.811691	
2010	109	900	109.375000000		04/19/2010 9:00	236.17	3.3825	0.39	16.87	0.424	13.43	41.0978	104.7733865	104.812186	2.433192	104.809260	
2010	109	1000	109.416666667		04/19/2010 10:00	236.04	3.3807	0.389	16.85	0.424	13.39	41.1021	104.7720758	104.810875	2.431876	104.807943	
2010	109	1100	109.458333333		04/19/2010 11:00	236.07	3.3811	0.389	16.88	0.424	13.35	41.1011	104.7723783	104.811177	2.432179	104.808247	
2010	109	1200	109.500000000		04/19/2010 12:00	235.98	3.3798	0.389	16.88	0.424	13.32	41.1041	104.7714709	104.810270	2.431268	104.807336	
2010	109	1300	109.541666667		04/19/2010 13:00	236.04	3.3807	0.389	16.87	0.424	13.28	41.1021	104.7720758	104.810875	2.431876	104.807943	
2010	109	1400	109.583333333		04/19/2010 14:00	235.66	3.3753	0.389	16.86	0.424	13.24	41.1147	104.7682445	104.807044	2.428027	104.804095	
2010	109	1500	109.625000000		04/19/2010 15:00	235.98	3.3798	0.389	16.87	0.424	13.2	41.1041	104.7714709	104.810270	2.431268	104.807336	
2010	109	1600	109.666666667		04/19/2010 16:00	236.1	3.3815	0.389	16.88	0.424	13.19	41.1001	104.7726808	104.811480	2.432483	104.808551	
2010	109	1700	109.708333333		04/19/2010 17:00	236.08	3.3812	0.389	16.86	0.424	13.2	41.1008	104.7724791	104.811278	2.432281	104.808348	
2010	109	1800	109.750000000		04/19/2010 18:00	235.95	3.3794	0.389	16.86	0.424	13.24	41.1051	104.7711684	104.809968	2.430964	104.807032	
2010	109	1900	109.791666667		04/19/2010 19:00	236.14	3.3821	0.389	16.86	0.424	13.14	41.0988	104.773084	104.811883	2.432888	104.808956	
2010	109	2000	109.833333333		04/19/2010 20:00	236.32	3.3846	0.389	16.87	0.424	13.07	41.0929	104.7748989	104.813698	2.434711	104.810779	
2010	109	2100	109.875000000		04/19/2010 21:00	236.5	3.3871	0.389	16.87	0.424	13.01	41.0869	104.7767137	104.815513	2.436534	104.812602	
2010	109	2200	109.916666667		04/19/2010 22:00	236.51	3.3873	0.389	16.88	0.424	12.98	41.0866	104.7768145	104.815614	2.436636	104.812703	
2010	109	2300	109.958333333		04/19/2010 23:00	236.62	3.3888	0.389	16.87	0.424	12.94	41.0829	104.7779236	104.816723	2.437750	104.813817	
2010	109	2400	110.000000000		04/20/2010 0:00	236.72	3.3902	0.39	16.87	0.424	12.9	41.0796	104.7789318	104.817731	2.438762	104.814830	
2010	110	100	110.041666667		04/20/2010 1:00	237.07	3.3952	0.389	16.87	0.424	12.87	41.0680	104.7824606	104.821260	2.442307	104.818375	
2010	110	200	110.083333333		04/20/2010 2:00	237.21	3.3971	0.389	16.87	0.424	12.84	41.0634	104.7838721	104.822671	2.443725	104.819793	
2010	110	300	110.125000000		04/20/2010 3:00	237.42	3.4001	0.39	16.88	0.424	12.81	41.0565	104.7859894	104.824789	2.445852	104.821919	
2010	110	400	110.166666667		04/20/2010 4:00	237.97	3.4078	0.39	16.88	0.424	12.77	41.0383	104.7915347	104.830334	2.451422	104.827490	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	110	500	110.208333333		04/20/2010 5:00	238.12	3.4100	0.389	16.88	0.424	12.74	41.0333	104.7930471	104.831846	2.452941	104.829009	
2010	110	600	110.250000000		04/20/2010 6:00	238.15	3.4104	0.389	16.87	0.424	13.17	41.0323	104.7933495	104.832149	2.453245	104.829313	
2010	110	700	110.291666667		04/20/2010 7:00	238.54	3.4159	0.389	16.88	0.424	13.43	41.0194	104.7972816	104.836081	2.457195	104.833262	
2010	110	800	110.333333333		04/20/2010 8:00	238.97	3.4219	0.389	16.87	0.424	13.38	41.0052	104.801617	104.840416	2.461550	104.837617	
2010	110	900	110.375000000		04/20/2010 9:00	239.33	3.4270	0.389	16.86	0.424	13.34	40.9933	104.8052467	104.844046	2.465196	104.841263	
2010	110	1000	110.416666667		04/20/2010 10:00	240.15	3.4385	0.389	16.87	0.424	13.3	40.9662	104.8135142	104.852313	2.473500	104.849568	
2010	110	1100	110.458333333		04/20/2010 11:00	240.34	3.4412	0.389	16.87	0.424	13.29	40.9599	104.8154298	104.854229	2.475425	104.851492	
2010	110	1200	110.500000000		04/20/2010 12:00	240.65	3.4456	0.389	16.87	0.424	13.25	40.9496	104.8185553	104.857355	2.478564	104.854632	
2010	110	1300	110.541666667		04/20/2010 13:00	241.03	3.4509	0.389	16.88	0.424	13.25	40.9371	104.8223866	104.861186	2.482413	104.858480	
2010	110	1400	110.583333333		04/20/2010 14:00	241.46	3.4570	0.389	16.88	0.424	13.25	40.9228	104.826722	104.865521	2.486768	104.862835	
2010	110	1500	110.625000000		04/20/2010 15:00	241.72	3.4606	0.389	16.87	0.424	13.26	40.9142	104.8293434	104.868143	2.489401	104.865468	
2010	110	1600	110.666666667		04/20/2010 16:00	241.87	3.4628	0.389	16.86	0.424	13.28	40.9093	104.8308558	104.869655	2.490920	104.866988	
2010	110	1700	110.708333333		04/20/2010 17:00	242.38	3.4699	0.389	16.85	0.424	13.28	40.8924	104.8359978	104.874797	2.496085	104.872153	
2010	110	1800	110.750000000		04/20/2010 18:00	242.51	3.4718	0.389	16.87	0.424	13.23	40.8881	104.8373085	104.876108	2.497402	104.873469	
2010	110	1900	110.791666667		04/20/2010 19:00	242.61	3.4732	0.389	16.87	0.424	13.15	40.8848	104.8383167	104.877116	2.498414	104.874482	
2010	110	2000	110.833333333		04/20/2010 20:00	242.77	3.4754	0.389	16.88	0.424	13.1	40.8795	104.8399299	104.878729	2.500035	104.876102	
2010	110	2100	110.875000000		04/20/2010 21:00	243.19	3.4813	0.389	16.87	0.424	13.05	40.8656	104.8441645	104.882964	2.504288	104.880356	
2010	110	2200	110.916666667		04/20/2010 22:00	243.12	3.4804	0.389	16.88	0.424	13	40.8679	104.8434587	104.882258	2.503579	104.879647	
2010	110	2300	110.958333333		04/20/2010 23:00	243.25	3.4822	0.389	16.88	0.424	12.96	40.8636	104.8447694	104.883569	2.504896	104.880964	
2010	110	2400	111.000000000		04/21/2010 0:00	243.25	3.4822	0.39	16.88	0.424	12.92	40.8636	104.8447694	104.883569	2.504896	104.880964	
2010	111	100	111.041666667		04/21/2010 1:00	243.27	3.4825	0.389	16.88	0.424	12.9	40.8630	104.844971	104.883770	2.505099	104.881166	
2010	111	200	111.083333333		04/21/2010 2:00	243.4	3.4843	0.39	16.88	0.424	12.87	40.8587	104.8462817	104.885081	2.506415	104.882483	
2010	111	300	111.125000000		04/21/2010 3:00	243.45	3.4850	0.39	16.88	0.424	12.83	40.8570	104.8467859	104.885585	2.506922	104.882989	
2010	111	400	111.166666667		04/21/2010 4:00	243.56	3.4865	0.389	16.89	0.424	12.8	40.8534	104.8478949	104.886694	2.508036	104.884103	
2010	111	500	111.208333333		04/21/2010 5:00	243.58	3.4868	0.389	16.87	0.424	12.78	40.8527	104.8480966	104.886896	2.508238	104.884306	
2010	111	600	111.250000000		04/21/2010 6:00	243.56	3.4865	0.389	16.88	0.424	13.04	40.8534	104.8478949	104.886694	2.508036	104.884103	
2010	111	700	111.291666667		04/21/2010 7:00	243.63	3.4875	0.389	16.86	0.424	13.23	40.8510	104.8486007	104.887400	2.508745	104.884812	
2010	111	800	111.333333333		04/21/2010 8:00	243.71	3.4887	0.389	16.86	0.424	13.53	40.8484	104.8494073	104.888206	2.509555	104.885622	
2010	111	900	111.375000000		04/21/2010 9:00	243.49	3.4856	0.389	16.88	0.424	13.51	40.8557	104.8471892	104.885988	2.507327	104.883394	
2010	111	1000	111.416666667		04/21/2010 10:00	243.13	3.4805	0.389	16.87	0.424	13.47	40.8676	104.8435595	104.882359	2.503681	104.879748	
2010	111	1100	111.458333333		04/21/2010 11:00	242.74	3.4750	0.389	16.87	0.424	13.45	40.8805	104.8396274	104.878427	2.499731	104.875799	
2010	111	1200	111.500000000		04/21/2010 12:00	242.97	3.4782	0.389	16.87	0.424	13.43	40.8729	104.8419463	104.880746	2.502060	104.878128	
2010	111	1300	111.541666667		04/21/2010 13:00	243.9	3.4913	0.389	16.87	0.424	13.41	40.8421	104.8513229	104.890122	2.511479	104.887547	
2010	111	1400	111.583333333		04/21/2010 14:00	243.32	3.4832	0.389	16.86	0.424	13.39	40.8613	104.8454752	104.884274	2.505605	104.881673	
2010	111	1500	111.625000000		04/21/2010 15:00	243.57	3.4867	0.389	16.86	0.424	13.37	40.8530	104.8479957	104.886795	2.508137	104.884205	
2010	111	1600	111.666666667		04/21/2010 16:00	243.23	3.4819	0.389	16.86	0.424	13.38	40.8643	104.8445678	104.883367	2.504693	104.880761	
2010	111	1700	111.708333333		04/21/2010 17:00	244.92	3.5057	0.389	16.87	0.424	13.37	40.8084	104.8616069	104.900406	2.521809	104.897877	
2010	111	1800	111.750000000		04/21/2010 18:00	244.84	3.5046	0.389	16.88	0.424	13.4	40.8110	104.8608003	104.899600	2.520999	104.897067	
2010	111	1900	111.791666667		04/21/2010 19:00	245.2	3.5096	0.39	16.87	0.424	13.32	40.7991	104.8644299	104.903229	2.524645	104.900713	
2010	111	2000	111.833333333		04/21/2010 20:00	245.48	3.5136	0.389	16.89	0.424	13.25	40.7899	104.867253	104.906052	2.527481	104.903548	
2010	111	2100	111.875000000		04/21/2010 21:00	245.83	3.5185	0.389	16.88	0.424	13.19	40.7783	104.8707818	104.909581	2.531025	104.907093	
2010	111	2200	111.916666667		04/21/2010 22:00	246.12	3.5226	0.389	16.89	0.424	13.15	40.7687	104.8737057	104.912505	2.533962	104.910030	
2010	111	2300	111.958333333		04/21/2010 23:00	246.47	3.5275	0.389	16.88	0.423	13.11	40.7571	104.8772345	104.916034	2.537507	104.913575	
2010	111	2400	112.000000000		04/22/2010 0:00	246.75	3.5315	0.389	16.87	0.424	13.06	40.7478	104.8800575	104.918857	2.540343	104.916411	
2010	112	100	112.041666667		04/22/2010 1:00	247.05	3.5357	0.389	16.87	0.424	13.03	40.7379	104.8830822	104.921881	2.543381	104.919449	
2010	112	200	112.083333333		04/22/2010 2:00	247.36	3.5400	0.389	16.87	0.424	13	40.7277	104.8862078	104.925007	2.546521	104.922588	
2010	112	300	112.125000000		04/22/2010 3:00	247.65	3.5441	0.389	16.88	0.423	12.98	40.7181	104.8891316	104.927931	2.549458	104.925525	
2010	112	400	112.166666667		04/22/2010 4:00	247.88	3.5474	0.389	16.85	0.423	12.94	40.7105	104.8914506	104.930250	2.551787	104.927855	
2010	112	500	112.208333333		04/22/2010 5:00	248.05	3.5498	0.389	16.86	0.424	12.91	40.7048	104.8931646	104.931964	2.553509	104.929576	
2010	112	600	112.250000000		04/22/2010 6:00	248.17	3.5514	0.389	16.88	0.423	12.91	40.7009	104.8943745	104.933174	2.554724	104.930792	
2010	112	700	112.291666667		04/22/2010 7:00	248.46	3.5555	0.389	16.87	0.423	12.98	40.6913	104.8972983	104.936098	2.557661	104.933729	
2010	112	800	112.333333333		04/22/2010 8:00	248.59	3.5574	0.389	16.88	0.423	13.52	40.6870	104.898609	104.937408	2.558978	104.935045	
2010	112	900	112.375000000		04/22/2010 9:00	248.37	3.5543	0.389	16.88	0.423	13.48	40.6943	104.8963909	104.935190	2.556750	104.932817	
2010	112	1000	112.416666667		04/22/2010 10:00	248.54	3.5567	0.389	16.87	0.423	13.43	40.6886	104.8981049	104.936904	2.558471	104.934539	
2010	112	1100	112.458333333		04/22/2010 11:00	249.21	3.5661	0.389	16.87	0.423	13.39	40.6665	104.9048601	104.943659	2.565257	104.941325	
2010	112	1200	112.500000000		04/22/2010 12:00	248.92	3.5620	0.389	16.86	0.423	13.36	40.6761	104.9019362	104.940735	2.562320	104.938388	
2010	112	1300	112.541666667		04/22/2010 13:00	249.49	3.5700	0.389	16.87	0.423	13.33	40.6572	104.9076831	104.946482	2.568093	104.944160	
2010	112	1400	112.583333333		04/22/2010 14:00	249.61	3.5717	0.389	16.88	0.424	13.28	40.6532	104.908893	104.947692	2.569308	104.945376	
2010	112	1500	112.625000000		04/22/2010 15:00	250.63	3.5861	0.389	16.88	0.423	13.26	40.6195	104.919177	104.957976	2.579638	104.955706	
2010	112	1600	112.666666667		04/22/2010 16:00	250.31	3.5816	0.389	16.88	0.423	13.25	40.6301	104.9159506	104.954750	2.576397	104.952465	
2010	112	1700	112.708333333		04/22/2010 17:00	251.07	3.5923	0.389	16.88	0.424	13.26	40.6049	104.9236132	104.962412	2.584094	104.960162	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	112	1800	112.750000000		04/22/2010 18:00	251.39	3.5968	0.389	16.88	0.423	13.3	40.5944	104.9268395	104.965639	2.587335	104.963403	
2010	112	1900	112.791666667		04/22/2010 19:00	251.58	3.5995	0.389	16.87	0.423	13.21	40.5881	104.9287552	104.967554	2.589259	104.965327	
2010	112	2000	112.833333333		04/22/2010 20:00	251.77	3.6021	0.389	16.87	0.423	13.15	40.5818	104.9306708	104.969470	2.591184	104.967251	
2010	112	2100	112.875000000		04/22/2010 21:00	251.97	3.6049	0.389	16.88	0.423	13.1	40.5752	104.9326873	104.971487	2.593209	104.969277	
2010	112	2200	112.916666667		04/22/2010 22:00	252.27	3.6092	0.389	16.87	0.424	13.05	40.5652	104.935712	104.974511	2.596247	104.972315	
2010	112	2300	112.958333333		04/22/2010 23:00	252.31	3.6097	0.389	16.87	0.424	13.02	40.5639	104.9361153	104.974914	2.596653	104.972720	
2010	112	2400	113.000000000		04/23/2010 0:00	252.5	3.6124	0.389	16.86	0.424	12.97	40.5576	104.9380309	104.976830	2.598577	104.974645	
2010	113	100	113.041666667		04/23/2010 1:00	252.46	3.6118	0.389	16.88	0.424	12.94	40.5590	104.9376276	104.976427	2.598172	104.974239	
2010	113	200	113.083333333		04/23/2010 2:00	252.55	3.6131	0.389	16.87	0.423	12.9	40.5560	104.938535	104.977334	2.599083	104.975151	
2010	113	300	113.125000000		04/23/2010 3:00	252.55	3.6131	0.389	16.87	0.423	12.87	40.5560	104.938535	104.977334	2.599083	104.975151	
2010	113	400	113.166666667		04/23/2010 4:00	252.91	3.6182	0.389	16.87	0.423	12.85	40.5441	104.9421647	104.980964	2.602729	104.978797	
2010	113	500	113.208333333		04/23/2010 5:00	253	3.6195	0.389	16.87	0.423	12.81	40.5411	104.9430721	104.981871	2.603641	104.979708	
2010	113	600	113.250000000		04/23/2010 6:00	252.86	3.6175	0.389	16.88	0.423	13.65	40.5457	104.9416606	104.980460	2.602223	104.978290	
2010	113	700	113.291666667		04/23/2010 7:00	253.06	3.6203	0.389	16.87	0.423	13.58	40.5391	104.943677	104.982476	2.604248	104.980316	
2010	113	800	113.333333333		04/23/2010 8:00	253.4	3.6251	0.389	16.87	0.424	13.51	40.5279	104.947105	104.985904	2.607692	104.983759	
2010	113	900	113.375000000		04/23/2010 9:00	253.57	3.6275	0.389	16.87	0.423	13.45	40.5222	104.948819	104.987618	2.609413	104.985481	
2010	113	1000	113.416666667		04/23/2010 10:00	254.22	3.6366	0.389	16.87	0.423	13.43	40.5007	104.9553725	104.994172	2.615996	104.992064	
2010	113	1100	113.458333333		04/23/2010 11:00	254.66	3.6428	0.389	16.86	0.424	13.41	40.4862	104.9598088	104.998608	2.620453	104.996520	
2010	113	1200	113.500000000		04/23/2010 12:00	255.94	3.6608	0.389	16.86	0.423	13.4	40.4439	104.9727141	105.011513	2.633416	105.009484	
2010	113	1300	113.541666667		04/23/2010 13:00	256.22	3.6648	0.389	16.88	0.423	13.38	40.4346	104.9755372	105.014336	2.636252	105.012319	
2010	113	1400	113.583333333		04/23/2010 14:00	256.56	3.6696	0.389	16.86	0.423	13.36	40.4233	104.9789652	105.017764	2.639695	105.015763	
2010	113	1500	113.625000000		04/23/2010 15:00	257.1	3.6772	0.389	16.87	0.423	13.32	40.4055	104.9844096	105.023209	2.645164	105.021232	
2010	113	1600	113.666666667		04/23/2010 16:00	257.34	3.6806	0.389	16.88	0.423	13.31	40.3975	104.9868294	105.025629	2.647595	105.023662	
2010	113	1700	113.708333333		04/23/2010 17:00	258.32	3.6944	0.389	16.87	0.423	13.33	40.3651	104.9967101	105.035509	2.657520	105.033587	
2010	113	1800	113.750000000		04/23/2010 18:00	258.49	3.6967	0.389	16.88	0.423	13.37	40.3595	104.9984241	105.037223	2.659241	105.035309	
2010	113	1900	113.791666667		04/23/2010 19:00	258.51	3.6970	0.389	16.86	0.423	13.26	40.3588	104.9986257	105.037425	2.659444	105.035512	
2010	113	2000	113.833333333		04/23/2010 20:00	258.65	3.6990	0.389	16.86	0.423	13.2	40.3542	105.0000373	105.038836	2.660862	105.036930	
2010	113	2100	113.875000000		04/23/2010 21:00	258.9	3.7025	0.389	16.86	0.423	13.15	40.3459	105.0025578	105.041357	2.663394	105.039462	
2010	113	2200	113.916666667		04/23/2010 22:00	259.09	3.7052	0.389	16.87	0.423	13.1	40.3397	105.0044735	105.043273	2.665318	105.041386	
2010	113	2300	113.958333333		04/23/2010 23:00	259.18	3.7065	0.389	16.86	0.423	13.05	40.3367	105.0053809	105.044180	2.666230	105.042297	
2010	113	2400	114.000000000		04/24/2010 0:00	259.44	3.7101	0.389	16.86	0.423	13.02	40.3281	105.0080023	105.046801	2.668863	105.044930	
2010	114	100	114.041666667		04/24/2010 1:00	259.66	3.7132	0.389	16.85	0.423	12.98	40.3208	105.0102204	105.049020	2.671091	105.047159	
2010	114	200	114.083333333		04/24/2010 2:00	260.06	3.7188	0.389	16.86	0.423	12.94	40.3076	105.0142533	105.053053	2.675142	105.051210	
2010	114	300	114.125000000		04/24/2010 3:00	260.6	3.7265	0.389	16.85	0.423	12.91	40.2897	105.0196978	105.058497	2.680611	105.056679	
2010	114	400	114.166666667		04/24/2010 4:00	260.84	3.7298	0.389	16.85	0.423	12.87	40.2818	105.0221175	105.060917	2.683041	105.059109	
2010	114	500	114.208333333		04/24/2010 5:00	261.16	3.7343	0.389	16.85	0.423	12.84	40.2712	105.0253439	105.064143	2.686282	105.062350	
2010	114	600	114.250000000		04/24/2010 6:00	261.35	3.7370	0.389	16.87	0.423	13.38	40.2649	105.0272595	105.066059	2.688207	105.064274	
2010	114	700	114.291666667		04/24/2010 7:00	261.63	3.7410	0.389	16.85	0.423	13.58	40.2556	105.0300826	105.068882	2.691042	105.067110	
2010	114	800	114.333333333		04/24/2010 8:00	262.14	3.7481	0.389	16.85	0.423	13.54	40.2388	105.0352246	105.074024	2.696207	105.072275	
2010	114	900	114.375000000		04/24/2010 9:00	262.39	3.7517	0.389	16.86	0.423	13.49	40.2305	105.0377452	105.076544	2.698739	105.074807	
2010	114	1000	114.416666667		04/24/2010 10:00	262.43	3.7522	0.389	16.86	0.423	13.47	40.2292	105.0381485	105.076948	2.699144	105.075212	
2010	114	1100	114.458333333		04/24/2010 11:00	262.43	3.7522	0.389	16.85	0.423	13.44	40.2292	105.0381485	105.076948	2.699144	105.075212	
2010	114	1200	114.500000000		04/24/2010 12:00	262.32	3.7507	0.389	16.86	0.423	13.43	40.2328	105.0370394	105.075839	2.698030	105.074098	
2010	114	1300	114.541666667		04/24/2010 13:00	262.6	3.7546	0.389	16.86	0.423	13.41	40.2235	105.0398624	105.078662	2.700866	105.076934	
2010	114	1400	114.583333333		04/24/2010 14:00	262.69	3.7559	0.389	16.85	0.423	13.39	40.2206	105.0407699	105.079569	2.701778	105.077845	
2010	114	1500	114.625000000		04/24/2010 15:00	263.09	3.7615	0.389	16.85	0.423	13.39	40.2073	105.0448028	105.083602	2.705829	105.081896	
2010	114	1600	114.666666667		04/24/2010 16:00	262.9	3.7588	0.389	16.86	0.423	13.39	40.2136	105.0428871	105.081686	2.703904	105.079972	
2010	114	1700	114.708333333		04/24/2010 17:00	263.03	3.7607	0.389	16.86	0.423	13.38	40.2093	105.0441978	105.082997	2.705221	105.081289	
2010	114	1800	114.750000000		04/24/2010 18:00	263.11	3.7618	0.389	16.85	0.423	13.4	40.2067	105.0450044	105.083804	2.706031	105.082099	
2010	114	1900	114.791666667		04/24/2010 19:00	263.02	3.7605	0.389	16.85	0.423	13.31	40.2097	105.044097	105.082896	2.705120	105.081187	
2010	114	2000	114.833333333		04/24/2010 20:00	262.8	3.7574	0.389	16.85	0.423	13.24	40.2169	105.0418789	105.080678	2.702892	105.078959	
2010	114	2100	114.875000000		04/24/2010 21:00	262.52	3.7535	0.389	16.83	0.423	13.18	40.2262	105.0390559	105.077855	2.700056	105.076124	
2010	114	2200	114.916666667		04/24/2010 22:00	262.61	3.7547	0.389	16.85	0.423	13.13	40.2232	105.0399633	105.078762	2.700967	105.077035	
2010	114	2300	114.958333333		04/24/2010 23:00	262.43	3.7522	0.389	16.85	0.423	13.09	40.2292	105.0381485	105.076948	2.699144	105.075212	
2010	114	2400	115.000000000		04/25/2010 0:00	262.29	3.7502	0.389	16.86	0.423	13.06	40.2338	105.0367369	105.075536	2.697727	105.073794	
2010	115	100	115.041666667		04/25/2010 1:00	262.09	3.7474	0.389	16.85	0.423	13.02	40.2404	105.0347205	105.073520	2.695701	105.071769	
2010	115	200	115.083333333		04/25/2010 2:00	262.04	3.7467	0.388	16.85	0.423	13	40.2421	105.0342163	105.073016	2.695195	105.071262	
2010	115	300	115.125000000		04/25/2010 3:00	261.91	3.7449	0.388	16.85	0.423	12.96	40.2464	105.0329056	105.071705	2.693878	105.069946	
2010	115	400	115.166666667		04/25/2010 4:00	261.85	3.7440	0.388	16.85	0.423	12.93	40.2484	105.0323007	105.071100	2.693270	105.069338	
2010	115	500	115.208333333		04/25/2010 5:00	261.76	3.7428	0.389	16.86	0.423	12.9	40.2513	105.0313933	105.070192	2.692359	105.068427	
2010	115	600	115.250000000		04/25/2010 6:00	261.39	3.7376	0.389	16.85	0.423	13.4	40.2636	105.0276628	105.066462	2.688612	105.064679	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	115	700	115.291666667		04/25/2010 7:00	261.54	3.7397	0.389	16.86	0.423	13.6	40.2586	105.0291752	105.067974	2.690131	105.066199	
2010	115	800	115.333333333		04/25/2010 8:00	261.47	3.7387	0.389	16.85	0.423	13.54	40.2609	105.0284694	105.067269	2.689422	105.065490	
2010	115	900	115.375000000		04/25/2010 9:00	261.27	3.7359	0.388	16.85	0.423	13.49	40.2675	105.0264529	105.065252	2.687396	105.063464	
2010	115	1000	115.416666667		04/25/2010 10:00	261.42	3.7380	0.388	16.84	0.423	13.47	40.2626	105.0279653	105.066765	2.688915	105.064983	
2010	115	1100	115.458333333		04/25/2010 11:00	261.56	3.7400	0.388	16.85	0.423	13.44	40.2580	105.0293768	105.068176	2.690333	105.066401	
2010	115	1200	115.500000000		04/25/2010 12:00	261.23	3.7353	0.388	16.85	0.423	13.42	40.2689	105.0260497	105.064849	2.686991	105.063059	
2010	115	1300	115.541666667		04/25/2010 13:00	261.59	3.7404	0.388	16.84	0.423	13.39	40.2570	105.0296793	105.068479	2.690637	105.066705	
2010	115	1400	115.583333333		04/25/2010 14:00	261.13	3.7339	0.388	16.84	0.423	13.38	40.2722	105.0250414	105.063841	2.685978	105.062046	
2010	115	1500	115.625000000		04/25/2010 15:00	260.97	3.7317	0.388	16.85	0.423	13.36	40.2775	105.0234283	105.062227	2.684358	105.060426	
2010	115	1600	115.666666667		04/25/2010 16:00	261.16	3.7343	0.388	16.85	0.423	13.37	40.2712	105.0253439	105.064143	2.686282	105.062350	
2010	115	1700	115.708333333		04/25/2010 17:00	260.79	3.7291	0.388	16.85	0.423	13.38	40.2834	105.0216134	105.060413	2.682535	105.058603	
2010	115	1800	115.750000000		04/25/2010 18:00	260.83	3.7297	0.388	16.83	0.423	13.41	40.2821	105.0220167	105.060816	2.682940	105.059008	
2010	115	1900	115.791666667		04/25/2010 19:00	260.6	3.7265	0.388	16.84	0.423	13.32	40.2897	105.0196978	105.058497	2.680611	105.056679	
2010	115	2000	115.833333333		04/25/2010 20:00	260.22	3.7211	0.388	16.82	0.423	13.24	40.3023	105.0158665	105.054666	2.676762	105.052830	
2010	115	2100	115.875000000		04/25/2010 21:00	259.91	3.7167	0.388	16.83	0.423	13.19	40.3125	105.012741	105.051540	2.673623	105.049690	
2010	115	2200	115.916666667		04/25/2010 22:00	259.54	3.7115	0.389	16.85	0.423	13.15	40.3248	105.0090105	105.047810	2.669875	105.045943	
2010	115	2300	115.958333333		04/25/2010 23:00	259.24	3.7073	0.388	16.83	0.423	13.11	40.3347	105.0059858	105.044785	2.666837	105.042905	
2010	115	2400	116.000000000		04/26/2010 0:00	258.91	3.7027	0.389	16.85	0.423	13.07	40.3456	105.0026587	105.041458	2.663495	105.039563	
2010	116	100	116.041666667		04/26/2010 1:00	258.53	3.6973	0.389	16.83	0.423	13.03	40.3582	104.9988274	105.037627	2.659647	105.035714	
2010	116	200	116.083333333		04/26/2010 2:00	258.26	3.6935	0.388	16.84	0.423	13	40.3671	104.9961051	105.034904	2.656912	105.032980	
2010	116	300	116.125000000		04/26/2010 3:00	258.15	3.6920	0.388	16.84	0.423	12.96	40.3707	104.9949961	105.033795	2.655798	105.031866	
2010	116	400	116.166666667		04/26/2010 4:00	257.88	3.6882	0.388	16.85	0.423	12.94	40.3797	104.9922739	105.031073	2.653064	105.029131	
2010	116	500	116.208333333		04/26/2010 5:00	257.64	3.6848	0.388	16.84	0.423	12.91	40.3876	104.9898541	105.028653	2.650633	105.026701	
2010	116	600	116.250000000		04/26/2010 6:00	257.49	3.6827	0.388	16.84	0.423	13.18	40.3926	104.9883417	105.027141	2.649114	105.025182	
2010	116	700	116.291666667		04/26/2010 7:00	257.33	3.6804	0.388	16.84	0.423	13.63	40.3979	104.9867286	105.025528	2.647493	105.023561	
2010	116	800	116.333333333		04/26/2010 8:00	257.16	3.6780	0.388	16.84	0.423	13.58	40.4035	104.9850146	105.023814	2.645772	105.021839	
2010	116	900	116.375000000		04/26/2010 9:00	257.19	3.6784	0.388	16.84	0.423	13.52	40.4025	104.9853171	105.024116	2.646076	105.022143	
2010	116	1000	116.416666667		04/26/2010 10:00	257.09	3.6770	0.388	16.83	0.423	13.49	40.4058	104.9843088	105.023108	2.645063	105.021130	
2010	116	1100	116.458333333		04/26/2010 11:00	256.89	3.6742	0.388	16.85	0.423	13.45	40.4124	104.9822924	105.021092	2.643037	105.019105	
2010	116	1200	116.500000000		04/26/2010 12:00	257.43	3.6818	0.388	16.85	0.423	13.4	40.3946	104.9877368	105.026536	2.648506	105.024574	
2010	116	1300	116.541666667		04/26/2010 13:00	257.35	3.6807	0.388	16.85	0.423	13.37	40.3972	104.9869302	105.025729	2.647696	105.023764	
2010	116	1400	116.583333333		04/26/2010 14:00	257.12	3.6775	0.388	16.84	0.423	13.35	40.4048	104.9846113	105.023410	2.645367	105.021434	
2010	116	1500	116.625000000		04/26/2010 15:00	257.41	3.6815	0.388	16.84	0.423	13.36	40.3952	104.9875352	105.026334	2.648304	105.024371	
2010	116	1600	116.666666667		04/26/2010 16:00	257.48	3.6825	0.388	16.83	0.423	13.38	40.3929	104.9882409	105.027040	2.649013	105.025080	
2010	116	1700	116.708333333		04/26/2010 17:00	257.53	3.6832	0.388	16.84	0.423	13.34	40.3913	104.988745	105.027544	2.649519	105.025587	
2010	116	1800	116.750000000		04/26/2010 18:00	257.69	3.6855	0.388	16.84	0.423	13.3	40.3860	104.9903582	105.029157	2.651139	105.027207	
2010	116	1900	116.791666667		04/26/2010 19:00	257.94	3.6890	0.388	16.83	0.423	13.22	40.3777	104.9928788	105.031678	2.653671	105.029739	
2010	116	2000	116.833333333		04/26/2010 20:00	258.23	3.6931	0.388	16.83	0.423	13.17	40.3681	104.9958027	105.034602	2.656608	105.032676	
2010	116	2100	116.875000000		04/26/2010 21:00	258.53	3.6973	0.388	16.83	0.423	13.12	40.3582	104.9988274	105.037627	2.659647	105.035714	
2010	116	2200	116.916666667		04/26/2010 22:00	258.93	3.7029	0.388	16.83	0.423	13.08	40.3449	105.0028603	105.041660	2.663698	105.039765	
2010	116	2300	116.958333333		04/26/2010 23:00	259.31	3.7083	0.388	16.85	0.423	13.04	40.3324	105.0066916	105.045491	2.667546	105.043614	
2010	116	2400	117.000000000		04/27/2010 0:00	259.77	3.7148	0.388	16.83	0.423	13	40.3172	105.0113295	105.050129	2.672205	105.048273	
2010	117	100	117.041666667		04/27/2010 1:00	260.15	3.7201	0.388	16.86	0.423	12.96	40.3046	105.0151607	105.053960	2.676053	105.052121	
2010	117	200	117.083333333		04/27/2010 2:00	260.51	3.7252	0.388	16.83	0.423	12.94	40.2927	105.0187904	105.057590	2.679699	105.055767	
2010	117	300	117.125000000		04/27/2010 3:00	260.96	3.7315	0.388	16.83	0.423	12.91	40.2778	105.0233274	105.062127	2.684257	105.060324	
2010	117	400	117.166666667		04/27/2010 4:00	261.27	3.7359	0.388	16.83	0.423	12.87	40.2675	105.0264529	105.065252	2.687396	105.063464	
2010	117	500	117.208333333		04/27/2010 5:00	261.58	3.7402	0.388	16.82	0.423	12.84	40.2573	105.0295785	105.068378	2.690536	105.066604	
2010	117	600	117.250000000		04/27/2010 6:00	261.88	3.7445	0.388	16.83	0.423	12.81	40.2474	105.0326032	105.071402	2.693574	105.069642	
2010	117	700	117.291666667		04/27/2010 7:00	262.04	3.7467	0.388	16.82	0.423	13.12	40.2421	105.0342163	105.073016	2.695195	105.071262	
2010	117	800	117.333333333		04/27/2010 8:00	262.24	3.7495	0.388	16.85	0.423	13.53	40.2355	105.0362328	105.075032	2.697220	105.073288	
2010	117	900	117.375000000		04/27/2010 9:00	262.31	3.7505	0.388	16.84	0.423	13.53	40.2331	105.0369386	105.075738	2.697929	105.073997	
2010	117	1000	117.416666667		04/27/2010 10:00	262.5	3.7532	0.388	16.83	0.423	13.53	40.2269	105.0388542	105.077653	2.699853	105.075921	
2010	117	1100	117.458333333		04/27/2010 11:00	262.75	3.7567	0.388	16.83	0.423	13.49	40.2186	105.0413748	105.080174	2.702385	105.078453	
2010	117	1200	117.500000000		04/27/2010 12:00	262.67	3.7556	0.388	16.81	0.423	13.47	40.2212	105.0405682	105.079367	2.701575	105.077643	
2010	117	1300	117.541666667		04/27/2010 13:00	262.7	3.7560	0.388	16.81	0.423	13.44	40.2202	105.0408707	105.079670	2.701879	105.077947	
2010	117	1400	117.583333333		04/27/2010 14:00	262.86	3.7583	0.388	16.82	0.423	13.39	40.2149	105.0424839	105.081283	2.703499	105.079567	
2010	117	1500	117.625000000		04/27/2010 15:00	262.02	3.7464	0.388	16.83	0.422	13.35	40.2427	105.0340147	105.072814	2.694992	105.071060	
2010	117	1600	117.666666667		04/27/2010 16:00	263.38	3.7656	0.388	16.83	0.422	13.34	40.1977	105.0477267	105.086526	2.708766	105.084833	
2010	117	1700	117.708333333		04/27/2010 17:00	263.68	3.7698	0.388	16.83	0.422	13.37	40.1878	105.0507514	105.089551	2.711804	105.087872	
2010	117	1800	117.750000000		04/27/2010 18:00	263.96	3.7738	0.388	16.84	0.422	13.36	40.1786	105.0535744	105.092374	2.714640	105.090707	
2010	117	1900	117.791666667		04/27/2010 19:00	264.25	3.7778	0.388	16.83	0.422	13.26	40.1690	105.0564983	105.095297	2.717577	105.093644	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	117	2000	117.833333333		04/27/2010 20:00	264.54	3.7819	0.388	16.83	0.422	13.2	40.1594	105.0594222	105.098221	2.720514	105.096581	
2010	117	2100	117.875000000		04/27/2010 21:00	264.96	3.7878	0.388	16.82	0.422	13.15	40.1455	105.0636567	105.102456	2.724767	105.100835	
2010	117	2200	117.916666667		04/27/2010 22:00	265.63	3.7973	0.388	16.82	0.422	13.1	40.1233	105.0704119	105.109211	2.731553	105.107621	
2010	117	2300	117.958333333		04/27/2010 23:00	266.24	3.8059	0.388	16.81	0.423	13.06	40.1031	105.0765621	105.115361	2.737731	105.113798	
2010	117	2400	118.000000000		04/28/2010 0:00	266.93	3.8156	0.388	16.82	0.423	13.03	40.0803	105.0835189	105.122318	2.744719	105.120787	
2010	118	100	118.041666667		04/28/2010 1:00	267.56	3.8244	0.388	16.81	0.422	13	40.0595	105.0898708	105.128670	2.751099	105.127167	
2010	118	200	118.083333333		04/28/2010 2:00	268.27	3.8344	0.388	16.82	0.422	12.96	40.0360	105.0970292	105.135828	2.758290	105.134358	
2010	118	300	118.125000000		04/28/2010 3:00	268.93	3.8437	0.388	16.85	0.422	12.93	40.0142	105.1036836	105.142483	2.764974	105.141042	
2010	118	400	118.166666667		04/28/2010 4:00	269.35	3.8496	0.388	16.84	0.422	12.9	40.0003	105.1079182	105.146717	2.769228	105.145295	
2010	118	500	118.208333333		04/28/2010 5:00	269.77	3.8556	0.388	16.83	0.422	12.87	39.9864	105.1121527	105.150952	2.773481	105.149549	
2010	118	600	118.250000000		04/28/2010 6:00	269.62	3.8534	0.388	16.83	0.422	13.66	39.9913	105.1106404	105.149440	2.771962	105.148030	
2010	118	700	118.291666667		04/28/2010 7:00	270.06	3.8596	0.388	16.81	0.422	13.62	39.9768	105.1150766	105.153876	2.776418	105.152486	
2010	118	800	118.333333333		04/28/2010 8:00	269.75	3.8553	0.388	16.83	0.422	13.56	39.9870	105.1119511	105.150750	2.773279	105.149347	
2010	118	900	118.375000000		04/28/2010 9:00	269.54	3.8523	0.388	16.81	0.422	13.51	39.9940	105.1098338	105.148633	2.771152	105.147220	
2010	118	1000	118.416666667		04/28/2010 10:00	269.57	3.8527	0.388	16.82	0.422	13.47	39.9930	105.1101363	105.148935	2.771456	105.147524	
2010	118	1100	118.458333333		04/28/2010 11:00	268.88	3.8430	0.388	16.82	0.422	13.44	40.0158	105.1031795	105.141979	2.764468	105.140535	
2010	118	1200	118.500000000		04/28/2010 12:00	268.99	3.8446	0.388	16.83	0.422	13.42	40.0122	105.1042885	105.143088	2.765582	105.141650	
2010	118	1300	118.541666667		04/28/2010 13:00	269.87	3.8570	0.388	16.83	0.422	13.39	39.9831	105.113161	105.151960	2.774494	105.150562	
2010	118	1400	118.583333333		04/28/2010 14:00	269.29	3.8488	0.388	16.82	0.422	13.41	40.0023	105.1073132	105.146112	2.768620	105.144688	
2010	118	1500	118.625000000		04/28/2010 15:00	269.48	3.8515	0.389	16.81	0.424	13.45	39.9960	105.1092289	105.148028	2.770544	105.146612	
2010	118	1600	118.666666667		04/28/2010 16:00	269.23	3.8480	0.389	16.8	0.424	13.44	40.0042	105.1067083	105.145507	2.768012	105.144080	
2010	118	1700	118.708333333		04/28/2010 17:00	270.11	3.8603	0.389	16.83	0.424	13.41	39.9751	105.1155807	105.154380	2.776925	105.152993	
2010	118	1800	118.750000000		04/28/2010 18:00	269.55	3.8525	0.389	16.82	0.424	13.45	39.9937	105.1099346	105.148734	2.771253	105.147321	
2010	118	1900	118.791666667		04/28/2010 19:00	269.79	3.8558	0.389	16.83	0.423	13.38	39.9857	105.1123544	105.151154	2.773684	105.149752	
2010	118	2000	118.833333333		04/28/2010 20:00	269.76	3.8554	0.389	16.82	0.424	13.29	39.9867	105.1120519	105.150851	2.773380	105.149448	
2010	118	2100	118.875000000		04/28/2010 21:00	269.77	3.8556	0.389	16.83	0.424	13.24	39.9864	105.1121527	105.150952	2.773481	105.149549	
2010	118	2200	118.916666667		04/28/2010 22:00	269.78	3.8557	0.389	16.82	0.423	13.19	39.9860	105.1122536	105.151053	2.773583	105.149650	
2010	118	2300	118.958333333		04/28/2010 23:00	269.76	3.8554	0.389	16.81	0.423	13.15	39.9867	105.1120519	105.150851	2.773380	105.149448	
2010	118	2400	119.000000000		04/29/2010 0:00	269.65	3.8539	0.388	16.82	0.423	13.11	39.9903	105.1109429	105.149742	2.772266	105.148334	
2010	119	100	119.041666667		04/29/2010 1:00	269.36	3.8498	0.388	16.83	0.423	13.08	39.9999	105.108019	105.146818	2.769329	105.145397	
2010	119	200	119.083333333		04/29/2010 2:00	269.21	3.8477	0.388	16.83	0.423	13.04	40.0049	105.1065066	105.145306	2.767810	105.143878	
2010	119	300	119.125000000		04/29/2010 3:00	268.96	3.8442	0.388	16.83	0.423	13.01	40.0132	105.1039861	105.142785	2.765278	105.141346	
2010	119	400	119.166666667		04/29/2010 4:00	268.78	3.8416	0.388	16.82	0.423	12.98	40.0191	105.1021712	105.140970	2.763455	105.139523	
2010	119	500	119.208333333		04/29/2010 5:00	268.59	3.8389	0.388	16.83	0.423	12.94	40.0254	105.1002556	105.139055	2.761531	105.137598	
2010	119	600	119.250000000		04/29/2010 6:00	268.27	3.8344	0.388	16.83	0.423	13.08	40.0360	105.0970292	105.135828	2.758290	105.134358	
2010	119	700	119.291666667		04/29/2010 7:00	268.07	3.8316	0.388	16.83	0.423	13.6	40.0426	105.0950128	105.133812	2.756264	105.132332	
2010	119	800	119.333333333		04/29/2010 8:00	267.99	3.8305	0.388	16.82	0.423	13.56	40.0453	105.0942062	105.133005	2.755454	105.131522	
2010	119	900	119.375000000		04/29/2010 9:00	267.92	3.8295	0.388	16.81	0.423	13.58	40.0476	105.0935004	105.132300	2.754745	105.130813	
2010	119	1000	119.416666667		04/29/2010 10:00	267.78	3.8275	0.388	16.81	0.423	13.55	40.0522	105.0920889	105.130888	2.753327	105.129395	
2010	119	1100	119.458333333		04/29/2010 11:00	267.59	3.8249	0.388	16.8	0.423	13.51	40.0585	105.0901733	105.128972	2.751403	105.127471	
2010	119	1200	119.500000000		04/29/2010 12:00	267.63	3.8254	0.388	16.82	0.423	13.49	40.0572	105.0905766	105.129376	2.751808	105.127876	
2010	119	1300	119.541666667		04/29/2010 13:00	267.64	3.8256	0.388	16.82	0.423	13.47	40.0568	105.0906774	105.129477	2.751909	105.127977	
2010	119	1400	119.583333333		04/29/2010 14:00	267.63	3.8254	0.388	16.82	0.423	13.46	40.0572	105.0905766	105.129376	2.751808	105.127876	
2010	119	1500	119.625000000		04/29/2010 15:00	267.86	3.8287	0.388	16.81	0.423	13.44	40.0496	105.0928955	105.131695	2.754138	105.130205	
2010	119	1600	119.666666667		04/29/2010 16:00	268.3	3.8349	0.388	16.81	0.423	13.44	40.0350	105.0973317	105.136131	2.758594	105.134661	
2010	119	1700	119.708333333		04/29/2010 17:00	268.5	3.8377	0.388	16.79	0.423	13.45	40.0284	105.0993482	105.138147	2.760619	105.136687	
2010	119	1800	119.750000000		04/29/2010 18:00	268.87	3.8429	0.388	16.8	0.423	13.37	40.0161	105.1030786	105.141878	2.764367	105.140434	
2010	119	1900	119.791666667		04/29/2010 19:00	269.08	3.8458	0.388	16.8	0.423	13.3	40.0092	105.1051959	105.143995	2.766493	105.142561	
2010	119	2000	119.833333333		04/29/2010 20:00	269.37	3.8499	0.388	16.8	0.423	13.25	39.9996	105.1081198	105.146919	2.769430	105.145498	
2010	119	2100	119.875000000		04/29/2010 21:00	269.58	3.8529	0.388	16.8	0.423	13.19	39.9927	105.1102371	105.149036	2.771557	105.147625	
2010	119	2200	119.916666667		04/29/2010 22:00	269.58	3.8529	0.388	16.81	0.423	13.15	39.9927	105.1102371	105.149036	2.771557	105.147625	
2010	119	2300	119.958333333		04/29/2010 23:00	269.73	3.8550	0.388	16.81	0.423	13.11	39.9877	105.1117494	105.150549	2.773076	105.149144	
2010	119	2400	120.000000000		04/30/2010 0:00	269.78	3.8557	0.388	16.81	0.423	13.07	39.9860	105.1122536	105.151053	2.773583	105.149650	
2010	120	100	120.041666667		04/30/2010 1:00	270	3.8588	0.388	16.79	0.423	13.03	39.9788	105.1144717	105.153271	2.775811	105.151878	
2010	120	200	120.083333333		04/30/2010 2:00	270.1	3.8602	0.388	16.81	0.423	13	39.9755	105.1154799	105.154279	2.776824	105.152891	
2010	120	300	120.125000000		04/30/2010 3:00	270.23	3.8620	0.388	16.8	0.423	12.96	39.9712	105.1167906	105.155590	2.778140	105.154208	
2010	120	400	120.166666667		04/30/2010 4:00	270.45	3.8651	0.388	16.8	0.423	12.94	39.9639	105.1190087	105.157808	2.780368	105.156436	
2010	120	500	120.208333333		04/30/2010 5:00	270.5	3.8658	0.388	16.79	0.423	12.9	39.9622	105.1195128	105.158312	2.780875	105.156942	
2010	120	600	120.250000000		04/30/2010 6:00	270.5	3.8658	0.388	16.81	0.423	13.08	39.9622	105.1195128	105.158312	2.780875	105.156942	
2010	120	700	120.291666667		04/30/2010 7:00	270.57	3.8668	0.388	16.81	0.423	13.57	39.9599	105.1202186	105.159018	2.781584	105.157651	
2010	120	800	120.333333333		04/30/2010 8:00	270.51	3.8660	0.388	16.8	0.423	13.57	39.9619	105.1196137	105.158413	2.780976	105.157044	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	120	900	120.375000000		04/30/2010 9:00	270.77	3.8696	0.388	16.8	0.423	13.53	39.9533	105.1222351	105.161034	2.783609	105.159677	
2010	120	1000	120.416666667		04/30/2010 10:00	270.58	3.8670	0.388	16.81	0.423	13.47	39.9596	105.1203194	105.159119	2.781685	105.157753	
2010	120	1100	120.458333333		04/30/2010 11:00	270.38	3.8641	0.389	16.81	0.423	13.42	39.9662	105.118303	105.157102	2.779659	105.155727	
2010	120	1200	120.500000000		04/30/2010 12:00	270.59	3.8671	0.388	16.81	0.423	13.38	39.9593	105.1204202	105.159219	2.781786	105.157854	
2010	120	1300	120.541666667		04/30/2010 13:00	269.92	3.8577	0.388	16.8	0.423	13.35	39.9814	105.1136651	105.152464	2.775001	105.151068	
2010	120	1400	120.583333333		04/30/2010 14:00	270.87	3.8710	0.388	16.8	0.423	13.36	39.9500	105.1232433	105.162043	2.784622	105.160690	
2010	120	1500	120.625000000		04/30/2010 15:00	270.53	3.8663	0.388	16.81	0.423	13.37	39.9612	105.1198153	105.158615	2.781178	105.157246	
2010	120	1600	120.666666667		04/30/2010 16:00	271.03	3.8733	0.389	16.81	0.423	13.34	39.9447	105.1248565	105.163656	2.786242	105.162310	
2010	120	1700	120.708333333		04/30/2010 17:00	271.41	3.8786	0.389	16.8	0.423	13.34	39.9321	105.1286878	105.167487	2.790091	105.166158	
2010	120	1800	120.750000000		04/30/2010 18:00	271.55	3.8806	0.389	16.8	0.423	13.38	39.9275	105.1300993	105.168898	2.791509	105.167576	
2010	120	1900	120.791666667		04/30/2010 19:00	271.78	3.8839	0.389	16.8	0.423	13.3	39.9199	105.1324182	105.171217	2.793838	105.169906	
2010	120	2000	120.833333333		04/30/2010 20:00	272.13	3.8888	0.389	16.8	0.423	13.23	39.9083	105.135947	105.174746	2.797383	105.173450	
2010	120	2100	120.875000000		04/30/2010 21:00	272.47	3.8936	0.389	16.8	0.423	13.18	39.8971	105.139375	105.178174	2.800826	105.176894	
2010	120	2200	120.916666667		04/30/2010 22:00	272.86	3.8991	0.389	16.79	0.424	13.13	39.8842	105.1433071	105.182106	2.804776	105.180844	
2010	120	2300	120.958333333		04/30/2010 23:00	273.27	3.9048	0.389	16.8	0.423	13.09	39.8706	105.1474409	105.186240	2.808928	105.184996	
2010	120	2400	121.000000000		05/01/2010 0:00	273.6	3.9095	0.389	16.79	0.423	13.05	39.8597	105.1507681	105.189567	2.812270	105.188338	
2010	121	100	121.041666667		05/01/2010 1:00	273.92	3.9140	0.388	16.8	0.423	13.02	39.8491	105.1539944	105.192794	2.815511	105.191579	
2010	121	200	121.083333333		05/01/2010 2:00	274.41	3.9209	0.389	16.8	0.423	12.98	39.8329	105.1589347	105.197734	2.820474	105.196541	
2010	121	300	121.125000000		05/01/2010 3:00	274.78	3.9261	0.388	16.79	0.423	12.95	39.8207	105.1626652	105.201464	2.824221	105.200289	
2010	121	400	121.166666667		05/01/2010 4:00	275.25	3.9327	0.388	16.78	0.423	12.92	39.8051	105.1674039	105.206203	2.828981	105.205049	
2010	121	500	121.208333333		05/01/2010 5:00	275.7	3.9390	0.388	16.81	0.423	12.89	39.7902	105.1719409	105.210740	2.833538	105.209606	
2010	121	600	121.250000000		05/01/2010 6:00	275.72	3.9393	0.388	16.82	0.423	13.1	39.7896	105.1721426	105.210942	2.833741	105.209809	
2010	121	700	121.291666667		05/01/2010 7:00	276.47	3.9499	0.389	16.8	0.423	13.56	39.7647	105.1797043	105.218504	2.841337	105.217404	
2010	121	800	121.333333333		05/01/2010 8:00	276.92	3.9562	0.388	16.8	0.423	13.51	39.7499	105.1842414	105.223041	2.845894	105.221962	
2010	121	900	121.375000000		05/01/2010 9:00	276.44	3.9495	0.388	16.8	0.423	13.47	39.7657	105.1794019	105.218201	2.841033	105.217101	
2010	121	1000	121.416666667		05/01/2010 10:00	277.16	3.9596	0.389	16.8	0.423	13.43	39.7419	105.1866611	105.225460	2.848325	105.224392	
2010	121	1100	121.458333333		05/01/2010 11:00	276.82	3.9548	0.388	16.81	0.423	13.43	39.7532	105.1832332	105.222032	2.844881	105.220949	
2010	121	1200	121.500000000		05/01/2010 12:00	276.8	3.9545	0.389	16.79	0.423	13.41	39.7538	105.1830315	105.221831	2.844679	105.220747	
2010	121	1300	121.541666667		05/01/2010 13:00	276.81	3.9547	0.389	16.79	0.423	13.39	39.7535	105.1831323	105.221932	2.844780	105.220848	
2010	121	1400	121.583333333		05/01/2010 14:00	276.75	3.9538	0.389	16.79	0.423	13.36	39.7555	105.1825274	105.221327	2.844172	105.220240	
2010	121	1500	121.625000000		05/01/2010 15:00	277.08	3.9585	0.389	16.8	0.423	13.34	39.7446	105.1858546	105.224654	2.847515	105.223582	
2010	121	1600	121.666666667		05/01/2010 16:00	277.41	3.9631	0.388	16.81	0.423	13.34	39.7337	105.1891817	105.227981	2.850857	105.226924	
2010	121	1700	121.708333333		05/01/2010 17:00	277.28	3.9613	0.389	16.79	0.423	13.35	39.7380	105.187871	105.226670	2.849540	105.225608	
2010	121	1800	121.750000000		05/01/2010 18:00	277.38	3.9627	0.389	16.8	0.424	13.38	39.7346	105.1888793	105.227678	2.850553	105.226621	
2010	121	1900	121.791666667		05/01/2010 19:00	277.4	3.9630	0.389	16.81	0.423	13.3	39.7340	105.1890809	105.227880	2.850755	105.226823	
2010	121	2000	121.833333333		05/01/2010 20:00	277.5	3.9644	0.389	16.77	0.424	13.24	39.7307	105.1900891	105.228888	2.851768	105.227836	
2010	121	2100	121.875000000		05/01/2010 21:00	277.3	3.9616	0.389	16.78	0.423	13.18	39.7373	105.1880727	105.226872	2.849743	105.225810	
2010	121	2200	121.916666667		05/01/2010 22:00	277.43	3.9634	0.388	16.78	0.423	13.13	39.7330	105.1893834	105.228183	2.851059	105.227127	
2010	121	2300	121.958333333		05/01/2010 23:00	277.32	3.9619	0.388	16.77	0.423	13.09	39.7366	105.1882743	105.227074	2.849945	105.226013	
2010	121	2400	122.000000000		05/02/2010 0:00	277.27	3.9611	0.388	16.79	0.423	13.05	39.7383	105.1877702	105.226569	2.849439	105.225507	
2010	122	100	122.041666667		05/02/2010 1:00	277.41	3.9631	0.388	16.77	0.423	13.01	39.7337	105.1891817	105.227981	2.850857	105.226924	
2010	122	200	122.083333333		05/02/2010 2:00	277.39	3.9628	0.388	16.81	0.423	12.98	39.7343	105.1889801	105.227779	2.850654	105.226722	
2010	122	300	122.125000000		05/02/2010 3:00	277.34	3.9621	0.388	16.8	0.423	12.95	39.7360	105.188476	105.227275	2.850148	105.226215	
2010	122	400	122.166666667		05/02/2010 4:00	277.34	3.9621	0.388	16.8	0.423	12.91	39.7360	105.188476	105.227275	2.850148	105.226215	
2010	122	500	122.208333333		05/02/2010 5:00	277.26	3.9610	0.388	16.79	0.423	12.88	39.7386	105.1876694	105.226469	2.849338	105.225405	
2010	122	600	122.250000000		05/02/2010 6:00	276.8	3.9545	0.389	16.81	0.424	13.34	39.7538	105.1830315	105.221831	2.844679	105.220747	
2010	122	700	122.291666667		05/02/2010 7:00	277.22	3.9604	0.389	16.79	0.424	13.56	39.7399	105.1872661	105.226065	2.848932	105.225000	
2010	122	800	122.333333333		05/02/2010 8:00	277.04	3.9579	0.389	16.79	0.424	13.51	39.7459	105.1854513	105.224250	2.847109	105.223177	
2010	122	900	122.375000000		05/02/2010 9:00	276.66	3.9526	0.389	16.79	0.424	13.47	39.7585	105.18162	105.220419	2.843261	105.219329	
2010	122	1000	122.416666667		05/02/2010 10:00	276.81	3.9547	0.389	16.79	0.423	13.45	39.7535	105.1831323	105.221932	2.844780	105.220848	
2010	122	1100	122.458333333		05/02/2010 11:00	276.58	3.9514	0.389	16.8	0.423	13.42	39.7611	105.1808134	105.219613	2.842451	105.218518	
2010	122	1200	122.500000000		05/02/2010 12:00	277.07	3.9583	0.389	16.81	0.423	13.41	39.7449	105.1857537	105.224553	2.847413	105.223481	
2010	122	1300	122.541666667		05/02/2010 13:00	276.72	3.9534	0.388	16.81	0.423	13.39	39.7565	105.1822249	105.221024	2.843869	105.219936	
2010	122	1400	122.583333333		05/02/2010 14:00	276.89	3.9558	0.388	16.79	0.423	13.38	39.7509	105.1839389	105.222738	2.845590	105.221658	
2010	122	1500	122.625000000		05/02/2010 15:00	276.05	3.9440	0.388	16.79	0.423	13.37	39.7786	105.1754698	105.214269	2.837083	105.213151	
2010	122	1600	122.666666667		05/02/2010 16:00	277.02	3.9576	0.388	16.79	0.423	13.38	39.7466	105.1852496	105.224049	2.846907	105.222975	
2010	122	1700	122.708333333		05/02/2010 17:00	276.7	3.9531	0.388	16.81	0.422	13.4	39.7571	105.1820233	105.220822	2.843666	105.219734	
2010	122	1800	122.750000000		05/02/2010 18:00	276.87	3.9555	0.388	16.79	0.422	13.41	39.7515	105.1837373	105.222536	2.845388	105.221455	
2010	122	1900	122.791666667		05/02/2010 19:00	276.96	3.9568	0.388	16.8	0.423	13.32	39.7485	105.1846447	105.223444	2.846299	105.222367	
2010	122	2000	122.833333333		05/02/2010 20:00	277.05	3.9580	0.388	16.8	0.422	13.25	39.7456	105.1855521	105.224351	2.847211	105.223278	
2010	122	2100	122.875000000		05/02/2010 21:00	277.08	3.9585	0.388	16.8	0.422	13.19	39.7446	105.1858546	105.224654	2.847515	105.223582	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	122	2200	122.916666667		05/02/2010 22:00	277.34	3.9621	0.388	16.79	0.422	13.15	39.7360	105.188476	105.227275	2.850148	105.226215	
2010	122	2300	122.958333333		05/02/2010 23:00	277.37	3.9626	0.388	16.8	0.422	13.1	39.7350	105.1887784	105.227578	2.850452	105.226519	
2010	122	2400	123.000000000		05/03/2010 0:00	277.88	3.9697	0.387	16.79	0.422	13.07	39.7181	105.1939204	105.232720	2.855617	105.231684	
2010	123	100	123.041666667		05/03/2010 1:00	277.75	3.9679	0.387	16.79	0.422	13.03	39.7224	105.1926097	105.231409	2.854300	105.230368	
2010	123	200	123.083333333		05/03/2010 2:00	278.07	3.9724	0.387	16.79	0.422	13	39.7118	105.1958361	105.234635	2.857541	105.233609	
2010	123	300	123.125000000		05/03/2010 3:00	278.43	3.9775	0.387	16.79	0.422	12.96	39.6999	105.1994657	105.238265	2.861187	105.237255	
2010	123	400	123.166666667		05/03/2010 4:00	278.91	3.9842	0.387	16.79	0.422	12.93	39.6840	105.2043052	105.243104	2.866048	105.242116	
2010	123	500	123.208333333		05/03/2010 5:00	279.05	3.9862	0.388	16.79	0.422	12.9	39.6794	105.2057167	105.244516	2.867466	105.243534	
2010	123	600	123.250000000		05/03/2010 6:00	279.02	3.9858	0.388	16.79	0.422	13.33	39.6804	105.2054143	105.244213	2.867162	105.243230	
2010	123	700	123.291666667		05/03/2010 7:00	279.43	3.9916	0.388	16.79	0.422	13.45	39.6668	105.209548	105.248347	2.871315	105.247382	
2010	123	800	123.333333333		05/03/2010 8:00	279.23	3.9887	0.388	16.76	0.422	13.43	39.6735	105.2075316	105.246331	2.869289	105.245357	
2010	123	900	123.375000000		05/03/2010 9:00	279.37	3.9907	0.387	16.78	0.422	13.43	39.6688	105.2089431	105.247742	2.870707	105.246775	
2010	123	1000	123.416666667		05/03/2010 10:00	278.89	3.9840	0.387	16.79	0.422	13.49	39.6847	105.2041036	105.242903	2.865846	105.241913	
2010	123	1100	123.458333333		05/03/2010 11:00	278.99	3.9854	0.387	16.8	0.422	13.43	39.6814	105.2051118	105.243911	2.866858	105.242926	
2010	123	1200	123.500000000		05/03/2010 12:00	278.91	3.9842	0.387	16.78	0.422	13.41	39.6840	105.2043052	105.243104	2.866048	105.242116	
2010	123	1300	123.541666667		05/03/2010 13:00	278.42	3.9773	0.387	16.79	0.422	13.4	39.7002	105.1993649	105.238164	2.861086	105.237153	
2010	123	1400	123.583333333		05/03/2010 14:00	278	3.9714	0.387	16.75	0.422	13.4	39.7141	105.1951303	105.233930	2.856832	105.232900	
2010	123	1500	123.625000000		05/03/2010 15:00	277.23	3.9606	0.387	16.79	0.422	13.4	39.7396	105.1873669	105.226166	2.849034	105.225101	
2010	123	1600	123.666666667		05/03/2010 16:00	276.99	3.9572	0.387	16.79	0.422	13.41	39.7475	105.1849471	105.223746	2.846603	105.222671	
2010	123	1700	123.708333333		05/03/2010 17:00	276.33	3.9479	0.387	16.8	0.422	13.42	39.7694	105.1782928	105.217092	2.839919	105.215987	
2010	123	1800	123.750000000		05/03/2010 18:00	275.74	3.9396	0.387	16.78	0.422	13.47	39.7889	105.1723442	105.211143	2.833943	105.210011	
2010	123	1900	123.791666667		05/03/2010 19:00	275.15	3.9313	0.387	16.79	0.422	13.41	39.8084	105.1663957	105.205195	2.827968	105.204036	
2010	123	2000	123.833333333		05/03/2010 20:00	274.57	3.9231	0.387	16.79	0.422	13.33	39.8276	105.1605479	105.199347	2.822094	105.198162	
2010	123	2100	123.875000000		05/03/2010 21:00	274.03	3.9155	0.388	16.79	0.422	13.26	39.8455	105.1551035	105.193903	2.816625	105.192693	
2010	123	2200	123.916666667		05/03/2010 22:00	273.3	3.9053	0.387	16.79	0.422	13.22	39.8696	105.1477434	105.186543	2.809232	105.185300	
2010	123	2300	123.958333333		05/03/2010 23:00	272.9	3.8996	0.387	16.79	0.422	13.17	39.8828	105.1437104	105.182510	2.805181	105.181249	
2010	123	2400	124.000000000		05/04/2010 0:00	272.47	3.8936	0.387	16.81	0.422	13.13	39.8971	105.139375	105.178174	2.800826	105.176894	
2010	124	100	124.041666667		05/04/2010 1:00	272.3	3.8912	0.388	16.8	0.422	13.1	39.9027	105.137661	105.176460	2.799104	105.175172	
2010	124	200	124.083333333		05/04/2010 2:00	272.28	3.8909	0.388	16.79	0.422	13.07	39.9033	105.1374594	105.176259	2.798902	105.174970	
2010	124	300	124.125000000		05/04/2010 3:00	272.32	3.8915	0.388	16.81	0.422	13.04	39.9020	105.1378627	105.176662	2.799307	105.175375	
2010	124	400	124.166666667		05/04/2010 4:00	272.3	3.8912	0.388	16.8	0.422	13.01	39.9027	105.137661	105.176460	2.799104	105.175172	
2010	124	500	124.208333333		05/04/2010 5:00	272.63	3.8958	0.388	16.81	0.422	12.97	39.8918	105.1409882	105.179787	2.802446	105.178514	
2010	124	600	124.250000000		05/04/2010 6:00	272.76	3.8977	0.388	16.82	0.422	13.72	39.8875	105.1422989	105.181098	2.803763	105.179831	
2010	124	700	124.291666667		05/04/2010 7:00	273.3	3.9053	0.388	16.79	0.422	13.66	39.8696	105.1477434	105.186543	2.809232	105.185300	
2010	124	800	124.333333333		05/04/2010 8:00	273.28	3.9050	0.388	16.8	0.422	13.6	39.8703	105.1475417	105.186341	2.809029	105.185097	
2010	124	900	124.375000000		05/04/2010 9:00	273.91	3.9138	0.387	16.79	0.422	13.56	39.8494	105.1538936	105.192693	2.815410	105.191478	
2010	124	1000	124.416666667		05/04/2010 10:00	273.72	3.9112	0.387	16.79	0.422	13.53	39.8557	105.1519779	105.190777	2.813486	105.189553	
2010	124	1100	124.458333333		05/04/2010 11:00	274.55	3.9229	0.387	16.79	0.422	13.5	39.8283	105.1603463	105.199145	2.821892	105.197959	
2010	124	1200	124.500000000		05/04/2010 12:00	273.72	3.9112	0.387	16.79	0.422	13.47	39.8557	105.1519779	105.190777	2.813486	105.189553	
2010	124	1300	124.541666667		05/04/2010 13:00	275.29	3.9333	0.387	16.8	0.422	13.47	39.8038	105.1678072	105.206606	2.829386	105.205454	
2010	124	1400	124.583333333		05/04/2010 14:00	274.64	3.9241	0.388	16.8	0.422	13.49	39.8253	105.1612537	105.200053	2.822803	105.198871	
2010	124	1500	124.625000000		05/04/2010 15:00	275.93	3.9423	0.387	16.79	0.422	13.47	39.7826	105.1742599	105.213059	2.835868	105.211935	
2010	124	1600	124.666666667		05/04/2010 16:00	275.43	3.9352	0.388	16.79	0.422	13.45	39.7992	105.1692187	105.208018	2.830804	105.206872	
2010	124	1700	124.708333333		05/04/2010 17:00	277	3.9573	0.388	16.8	0.422	13.47	39.7472	105.185048	105.223847	2.846704	105.222772	
2010	124	1800	124.750000000		05/04/2010 18:00	277.11	3.9589	0.388	16.79	0.422	13.51	39.7436	105.186157	105.224956	2.847818	105.223886	
2010	124	1900	124.791666667		05/04/2010 19:00	277.43	3.9634	0.388	16.81	0.422	13.43	39.7330	105.1893834	105.228183	2.851059	105.227127	
2010	124	2000	124.833333333		05/04/2010 20:00	277.78	3.9683	0.388	16.8	0.422	13.34	39.7214	105.1929122	105.231711	2.854604	105.230672	
2010	124	2100	124.875000000		05/04/2010 21:00	278.03	3.9718	0.388	16.8	0.422	13.29	39.7131	105.1954328	105.234232	2.857136	105.233204	
2010	124	2200	124.916666667		05/04/2010 22:00	278.05	3.9721	0.388	16.8	0.422	13.24	39.7125	105.1956344	105.234434	2.857338	105.233406	
2010	124	2300	124.958333333		05/04/2010 23:00	278.16	3.9737	0.388	16.81	0.422	13.2	39.7088	105.1967435	105.235543	2.858452	105.234520	
2010	124	2400	125.000000000		05/05/2010 0:00	278.09	3.9727	0.388	16.79	0.423	13.16	39.7112	105.1960377	105.234837	2.857743	105.233811	
2010	125	100	125.041666667		05/05/2010 1:00	277.93	3.9704	0.388	16.79	0.423	13.12	39.7165	105.1944245	105.233224	2.856123	105.232191	
2010	125	200	125.083333333		05/05/2010 2:00	278.1	3.9728	0.388	16.81	0.422	13.09	39.7108	105.1961385	105.234938	2.857845	105.233912	
2010	125	300	125.125000000		05/05/2010 3:00	278	3.9714	0.388	16.81	0.422	13.06	39.7141	105.1951303	105.233930	2.856832	105.232900	
2010	125	400	125.166666667		05/05/2010 4:00	278.17	3.9738	0.388	16.81	0.422	13.02	39.7085	105.1968443	105.235644	2.858554	105.234621	
2010	125	500	125.208333333		05/05/2010 5:00	278.16	3.9737	0.388	16.81	0.422	13	39.7088	105.1967435	105.235543	2.858452	105.234520	
2010	125	600	125.250000000		05/05/2010 6:00	278.2	3.9742	0.387	16.81	0.422	13.76	39.7075	105.1971468	105.235946	2.858858	105.234925	
2010	125	700	125.291666667		05/05/2010 7:00	278.27	3.9752	0.387	16.79	0.422	13.7	39.7052	105.1978525	105.236652	2.859566	105.235634	
2010	125	800	125.333333333		05/05/2010 8:00	278.17	3.9738	0.387	16.81	0.422	13.64	39.7085	105.1968443	105.235644	2.858554	105.234621	
2010	125	900	125.375000000		05/05/2010 9:00	278.18	3.9740	0.387	16.79	0.422	13.56	39.7082	105.1969451	105.235744	2.858655	105.234723	
2010	125	1000	125.416666667		05/05/2010 10:00	278.53	3.9789	0.387	16.8	0.422	13.53	39.6966	105.2004739	105.239273	2.862200	105.238267	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	125	1100	125.458333333		05/05/2010 11:00	278.36	3.9765	0.387	16.8	0.422	13.49	39.7022	105.1987599	105.237559	2.860478	105.236546	
2010	125	1200	125.500000000		05/05/2010 12:00	277.9	3.9700	0.387	16.79	0.422	13.47	39.7174	105.1941221	105.232921	2.855819	105.231887	
2010	125	1300	125.541666667		05/05/2010 13:00	278.21	3.9744	0.387	16.8	0.421	13.45	39.7072	105.1972476	105.236047	2.858959	105.235027	
2010	125	1400	125.583333333		05/05/2010 14:00	278.64	3.9804	0.387	16.8	0.422	13.43	39.6930	105.201583	105.240382	2.863314	105.239381	
2010	125	1500	125.625000000		05/05/2010 15:00	278.56	3.9793	0.387	16.79	0.422	13.56	39.6956	105.2007764	105.239576	2.862503	105.238571	
2010	125	1600	125.666666667		05/05/2010 16:00	278.73	3.9817	0.387	16.79	0.422	13.51	39.6900	105.2024904	105.241290	2.864225	105.240293	
2010	125	1700	125.708333333		05/05/2010 17:00	279.1	3.9869	0.387	16.79	0.421	13.53	39.6778	105.2062209	105.245020	2.867972	105.244040	
2010	125	1800	125.750000000		05/05/2010 18:00	279.29	3.9896	0.387	16.8	0.422	13.54	39.6715	105.2081365	105.246936	2.869897	105.245964	
2010	125	1900	125.791666667		05/05/2010 19:00	279.55	3.9932	0.387	16.8	0.421	13.47	39.6629	105.2107579	105.249557	2.872530	105.248598	
2010	125	2000	125.833333333		05/05/2010 20:00	279.95	3.9989	0.387	16.78	0.422	13.39	39.6496	105.2147908	105.253590	2.876581	105.252649	
2010	125	2100	125.875000000		05/05/2010 21:00	280.1	4.0010	0.387	16.79	0.421	13.32	39.6447	105.2163032	105.255102	2.878100	105.254168	
2010	125	2200	125.916666667		05/05/2010 22:00	280.2	4.0024	0.387	16.79	0.421	13.27	39.6414	105.2173114	105.256111	2.879113	105.255181	
2010	125	2300	125.958333333		05/05/2010 23:00	280.47	4.0062	0.386	16.79	0.421	13.23	39.6324	105.2200336	105.258833	2.881847	105.257915	
2010	125	2400	126.000000000		05/06/2010 0:00	280.61	4.0082	0.386	16.79	0.421	13.19	39.6278	105.2214452	105.260244	2.883265	105.259333	
2010	126	100	126.041666667		05/06/2010 1:00	280.7	4.0094	0.386	16.81	0.421	13.15	39.6248	105.2223526	105.261152	2.884177	105.260244	
2010	126	200	126.083333333		05/06/2010 2:00	281.05	4.0144	0.386	16.81	0.421	13.12	39.6133	105.2258814	105.264681	2.887721	105.263789	
2010	126	300	126.125000000		05/06/2010 3:00	281.3	4.0179	0.386	16.8	0.421	13.08	39.6050	105.228402	105.267201	2.890253	105.266321	
2010	126	400	126.166666667		05/06/2010 4:00	281.57	4.0217	0.386	16.81	0.421	13.05	39.5960	105.2311242	105.269923	2.892988	105.269055	
2010	126	500	126.208333333		05/06/2010 5:00	281.79	4.0248	0.386	16.81	0.42	13.02	39.5888	105.2333423	105.272142	2.895216	105.271284	
2010	126	600	126.250000000		05/06/2010 6:00	281.67	4.0231	0.386	16.8	0.42	13.72	39.5927	105.2321324	105.270932	2.894000	105.270068	
2010	126	700	126.291666667		05/06/2010 7:00	281.92	4.0266	0.386	16.8	0.42	13.65	39.5845	105.234653	105.273452	2.896532	105.272600	
2010	126	800	126.333333333		05/06/2010 8:00	281.55	4.0214	0.386	16.79	0.42	13.59	39.5967	105.2309226	105.269722	2.892785	105.268853	
2010	126	900	126.375000000		05/06/2010 9:00	281.92	4.0266	0.386	16.8	0.42	13.53	39.5845	105.234653	105.273452	2.896532	105.272600	
2010	126	1000	126.416666667		05/06/2010 10:00	281.87	4.0259	0.386	16.79	0.421	13.49	39.5861	105.2341489	105.272948	2.896026	105.272094	
2010	126	1100	126.458333333		05/06/2010 11:00	281.87	4.0259	0.386	16.8	0.42	13.47	39.5861	105.2341489	105.272948	2.896026	105.272094	
2010	126	1200	126.500000000		05/06/2010 12:00	281.11	4.0152	0.386	16.8	0.42	13.44	39.6113	105.2264863	105.265286	2.888329	105.264397	
2010	126	1300	126.541666667		05/06/2010 13:00	281.67	4.0231	0.386	16.8	0.42	13.43	39.5927	105.2321324	105.270932	2.894000	105.270068	
2010	126	1400	126.583333333		05/06/2010 14:00	281.57	4.0217	0.386	16.81	0.42	13.4	39.5960	105.2311242	105.269923	2.892988	105.269055	
2010	126	1500	126.625000000		05/06/2010 15:00	282.04	4.0283	0.386	16.8	0.42	13.38	39.5805	105.2358629	105.274662	2.897748	105.273815	
2010	126	1600	126.666666667		05/06/2010 16:00	282.01	4.0279	0.386	16.81	0.42	13.39	39.5815	105.2355604	105.274360	2.897444	105.273512	
2010	126	1700	126.708333333		05/06/2010 17:00	282.39	4.0332	0.386	16.8	0.421	13.45	39.5689	105.2393917	105.278191	2.901292	105.277360	
2010	126	1800	126.750000000		05/06/2010 18:00	282.64	4.0368	0.386	16.8	0.421	13.47	39.5607	105.2419123	105.280712	2.903824	105.279892	
2010	126	1900	126.791666667		05/06/2010 19:00	282.95	4.0411	0.386	16.8	0.421	13.38	39.5504	105.2450378	105.283837	2.906964	105.283032	
2010	126	2000	126.833333333		05/06/2010 20:00	283.25	4.0453	0.386	16.8	0.421	13.3	39.5405	105.2480625	105.286862	2.910002	105.286070	
2010	126	2100	126.875000000		05/06/2010 21:00	283.71	4.0518	0.386	16.78	0.42	13.25	39.5253	105.2527004	105.291500	2.914661	105.290729	
2010	126	2200	126.916666667		05/06/2010 22:00	284.19	4.0586	0.385	16.8	0.42	13.2	39.5094	105.2575399	105.296339	2.919522	105.295590	
2010	126	2300	126.958333333		05/06/2010 23:00	284.69	4.0656	0.385	16.79	0.42	13.15	39.4928	105.2625811	105.301380	2.924586	105.300654	
2010	126	2400	127.000000000		05/07/2010 0:00	285.2	4.0728	0.385	16.8	0.419	13.11	39.4760	105.2677231	105.306522	2.929751	105.305819	
2010	127	100	127.041666667		05/07/2010 1:00	285.65	4.0791	0.385	16.81	0.419	13.08	39.4611	105.2722601	105.311059	2.934309	105.310376	
2010	127	200	127.083333333		05/07/2010 2:00	286.09	4.0853	0.385	16.81	0.419	13.04	39.4465	105.2766963	105.315496	2.938765	105.314832	
2010	127	300	127.125000000		05/07/2010 3:00	286.41	4.0898	0.385	16.81	0.419	13.01	39.4359	105.2799227	105.318722	2.942006	105.318073	
2010	127	400	127.166666667		05/07/2010 4:00	286.72	4.0942	0.385	16.81	0.419	12.98	39.4257	105.2830482	105.321847	2.945145	105.321213	
2010	127	500	127.208333333		05/07/2010 5:00	286.8	4.0953	0.385	16.8	0.419	12.97	39.4230	105.2838548	105.322654	2.945955	105.322023	
2010	127	600	127.250000000		05/07/2010 6:00	286.56	4.0919	0.385	16.81	0.419	13.76	39.4310	105.281435	105.320234	2.943525	105.319592	
2010	127	700	127.291666667		05/07/2010 7:00	286.81	4.0955	0.385	16.81	0.419	13.63	39.4227	105.2839556	105.322755	2.946057	105.322124	
2010	127	800	127.333333333		05/07/2010 8:00	286.51	4.0912	0.385	16.77	0.419	13.59	39.4326	105.2809309	105.319730	2.943018	105.319086	
2010	127	900	127.375000000		05/07/2010 9:00	286.63	4.0929	0.385	16.8	0.419	13.53	39.4287	105.2821408	105.320940	2.944234	105.320301	
2010	127	1000	127.416666667		05/07/2010 10:00	286.68	4.0936	0.385	16.79	0.42	13.49	39.4270	105.2826449	105.321444	2.944740	105.320808	
2010	127	1100	127.458333333		05/07/2010 11:00	286.49	4.0910	0.385	16.8	0.42	13.45	39.4333	105.2807293	105.319528	2.942816	105.318883	
2010	127	1200	127.500000000		05/07/2010 12:00	286.88	4.0964	0.385	16.79	0.42	13.41	39.4204	105.2846614	105.323461	2.946766	105.322833	
2010	127	1300	127.541666667		05/07/2010 13:00	287	4.0981	0.385	16.8	0.419	13.37	39.4164	105.2858713	105.324670	2.947981	105.324049	
2010	127	1400	127.583333333		05/07/2010 14:00	287.28	4.1021	0.385	16.79	0.419	13.35	39.4072	105.2886943	105.327494	2.950817	105.326884	
2010	127	1500	127.625000000		05/07/2010 15:00	287.53	4.1056	0.384	16.79	0.419	13.32	39.3989	105.2912149	105.330014	2.953349	105.329416	
2010	127	1600	127.666666667		05/07/2010 16:00	287.95	4.1115	0.384	16.81	0.418	13.31	39.3850	105.2954495	105.334249	2.957602	105.333670	
2010	127	1700	127.708333333		05/07/2010 17:00	288.2	4.1150	0.384	16.79	0.419	13.37	39.3767	105.29797	105.336769	2.960134	105.336202	
2010	127	1800	127.750000000		05/07/2010 18:00	288.5	4.1193	0.384	16.81	0.419	13.41	39.3668	105.3009947	105.339794	2.963172	105.339240	
2010	127	1900	127.791666667		05/07/2010 19:00	288.69	4.1219	0.384	16.79	0.419	13.28	39.3605	105.3029104	105.341710	2.965097	105.341164	
2010	127	2000	127.833333333		05/07/2010 20:00	288.98	4.1260	0.384	16.81	0.418	13.22	39.3509	105.3058343	105.344633	2.968034	105.344101	
2010	127	2100	127.875000000		05/07/2010 21:00	289.15	4.1284	0.384	16.79	0.418	13.17	39.3453	105.3075483	105.346347	2.969755	105.345823	
2010	127	2200	127.916666667		05/07/2010 22:00	289.23	4.1295	0.384	16.8	0.419	13.13	39.3427	105.3083548	105.347154	2.970566	105.346633	
2010	127	2300	127.958333333		05/07/2010 23:00	289.27	4.1301	0.385	16.8	0.419	13.08	39.3413	105.3087581	105.347557	2.970971	105.347038	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	127	2400	128.000000000		05/08/2010 0:00	289.26	4.1300	0.385	16.8	0.419	13.05	39.3417	105.3086573	105.347457	2.970869	105.346937	
2010	128	100	128.041666667		05/08/2010 1:00	289.26	4.1300	0.385	16.79	0.419	13.01	39.3417	105.3086573	105.347457	2.970869	105.346937	
2010	128	200	128.083333333		05/08/2010 2:00	289.06	4.1271	0.385	16.8	0.42	12.97	39.3483	105.3066408	105.345440	2.968844	105.344912	
2010	128	300	128.125000000		05/08/2010 3:00	288.89	4.1247	0.385	16.79	0.419	12.94	39.3539	105.3049269	105.343726	2.967122	105.343190	
2010	128	400	128.166666667		05/08/2010 4:00	288.78	4.1232	0.385	16.79	0.42	12.91	39.3576	105.3038178	105.342617	2.966008	105.342076	
2010	128	500	128.208333333		05/08/2010 5:00	288.57	4.1202	0.385	16.78	0.42	12.88	39.3645	105.3017005	105.340500	2.963881	105.339949	
2010	128	600	128.250000000		05/08/2010 6:00	288	4.1122	0.385	16.8	0.42	13.6	39.3834	105.2959536	105.334753	2.958109	105.334176	
2010	128	700	128.291666667		05/08/2010 7:00	287.82	4.1097	0.385	16.79	0.42	13.54	39.3893	105.2941388	105.332938	2.956286	105.332353	
2010	128	800	128.333333333		05/08/2010 8:00	287.74	4.1086	0.385	16.81	0.42	13.5	39.3920	105.2933322	105.332131	2.955475	105.331543	
2010	128	900	128.375000000		05/08/2010 9:00	286.76	4.0948	0.385	16.8	0.42	13.46	39.4244	105.2834515	105.322251	2.945550	105.321618	
2010	128	1000	128.416666667		05/08/2010 10:00	286.82	4.0956	0.385	16.79	0.42	13.45	39.4224	105.2840564	105.322856	2.946158	105.322226	
2010	128	1100	128.458333333		05/08/2010 11:00	287.01	4.0983	0.386	16.78	0.42	13.4	39.4161	105.2859721	105.324771	2.948082	105.324150	
2010	128	1200	128.500000000		05/08/2010 12:00	286.07	4.0850	0.386	16.79	0.42	13.39	39.4472	105.2764947	105.315294	2.938562	105.314630	
2010	128	1300	128.541666667		05/08/2010 13:00	286.16	4.0863	0.386	16.79	0.42	13.36	39.4442	105.2774021	105.316201	2.939474	105.315541	
2010	128	1400	128.583333333		05/08/2010 14:00	285.21	4.0729	0.385	16.79	0.42	13.35	39.4756	105.2678239	105.306623	2.929852	105.305920	
2010	128	1500	128.625000000		05/08/2010 15:00	285.73	4.0803	0.385	16.77	0.42	13.37	39.4584	105.2730667	105.311866	2.935119	105.311186	
2010	128	1600	128.666666667		05/08/2010 16:00	285.1	4.0714	0.385	16.79	0.42	13.48	39.4793	105.2667148	105.305514	2.928738	105.304806	
2010	128	1700	128.708333333		05/08/2010 17:00	285.02	4.0703	0.385	16.79	0.42	13.41	39.4819	105.2659082	105.304707	2.927928	105.303996	
2010	128	1800	128.750000000		05/08/2010 18:00	284.27	4.0597	0.385	16.79	0.42	13.43	39.5067	105.2583465	105.297146	2.920332	105.296400	
2010	128	1900	128.791666667		05/08/2010 19:00	284.31	4.0603	0.385	16.8	0.42	13.35	39.5054	105.2587498	105.297549	2.920737	105.296805	
2010	128	2000	128.833333333		05/08/2010 20:00	284.1	4.0573	0.385	16.78	0.42	13.27	39.5124	105.2566325	105.295432	2.918611	105.294678	
2010	128	2100	128.875000000		05/08/2010 21:00	284.03	4.0563	0.385	16.79	0.42	13.22	39.5147	105.2559267	105.294726	2.917902	105.293969	
2010	128	2200	128.916666667		05/08/2010 22:00	284.19	4.0586	0.385	16.8	0.42	13.17	39.5094	105.2575399	105.296339	2.919522	105.295590	
2010	128	2300	128.958333333		05/08/2010 23:00	284.37	4.0611	0.385	16.79	0.42	13.13	39.5034	105.2593547	105.298154	2.921345	105.297413	
2010	128	2400	129.000000000		05/09/2010 0:00	284.52	4.0632	0.385	16.78	0.42	13.09	39.4985	105.2608671	105.299666	2.922864	105.298932	
2010	129	100	129.041666667		05/09/2010 1:00	284.92	4.0689	0.385	16.78	0.42	13.05	39.4852	105.2649	105.303699	2.926915	105.302983	
2010	129	200	129.083333333		05/09/2010 2:00	285.18	4.0725	0.385	16.78	0.42	13.02	39.4766	105.2675214	105.306321	2.929549	105.305616	
2010	129	300	129.125000000		05/09/2010 3:00	285.65	4.0791	0.386	16.78	0.42	12.98	39.4611	105.2722601	105.311059	2.934309	105.310376	
2010	129	400	129.166666667		05/09/2010 4:00	285.91	4.0828	0.385	16.8	0.42	12.95	39.4525	105.2748815	105.313681	2.936942	105.313009	
2010	129	500	129.208333333		05/09/2010 5:00	286.19	4.0867	0.385	16.8	0.419	12.93	39.4432	105.2777046	105.316504	2.939777	105.315845	
2010	129	600	129.250000000		05/09/2010 6:00	286.22	4.0872	0.385	16.79	0.419	13.71	39.4422	105.278007	105.316806	2.940081	105.316149	
2010	129	700	129.291666667		05/09/2010 7:00	286.74	4.0945	0.384	16.79	0.419	13.58	39.4250	105.2832498	105.322049	2.945348	105.321415	
2010	129	800	129.333333333		05/09/2010 8:00	286.98	4.0979	0.385	16.78	0.419	13.52	39.4171	105.2856696	105.324469	2.947778	105.323846	
2010	129	900	129.375000000		05/09/2010 9:00	286.84	4.0959	0.385	16.8	0.419	13.47	39.4217	105.2842581	105.323057	2.946360	105.322428	
2010	129	1000	129.416666667		05/09/2010 10:00	286.78	4.0950	0.385	16.77	0.419	13.43	39.4237	105.2836531	105.322452	2.945753	105.321821	
2010	129	1100	129.458333333		05/09/2010 11:00	287.2	4.1010	0.385	16.79	0.419	13.4	39.4098	105.2878877	105.326687	2.950006	105.326074	
2010	129	1200	129.500000000		05/09/2010 12:00	287.18	4.1007	0.385	16.79	0.419	13.38	39.4105	105.2876861	105.326485	2.949804	105.325872	
2010	129	1300	129.541666667		05/09/2010 13:00	287.46	4.1046	0.385	16.78	0.419	13.34	39.4012	105.2905091	105.329308	2.952640	105.328707	
2010	129	1400	129.583333333		05/09/2010 14:00	287.37	4.1033	0.385	16.79	0.419	13.31	39.4042	105.2896017	105.328401	2.951728	105.327796	
2010	129	1500	129.625000000		05/09/2010 15:00	287.36	4.1032	0.385	16.79	0.419	13.29	39.4045	105.2895009	105.328300	2.951627	105.327695	
2010	129	1600	129.666666667		05/09/2010 16:00	287.47	4.1048	0.385	16.77	0.42	13.29	39.4009	105.2906099	105.329409	2.952741	105.328809	
2010	129	1700	129.708333333		05/09/2010 17:00	287.74	4.1086	0.385	16.78	0.42	13.3	39.3920	105.2933322	105.332131	2.955475	105.331543	
2010	129	1800	129.750000000		05/09/2010 18:00	287.58	4.1063	0.385	16.79	0.42	13.32	39.3972	105.291719	105.330518	2.953855	105.329923	
2010	129	1900	129.791666667		05/09/2010 19:00	287.54	4.1057	0.385	16.79	0.42	13.28	39.3986	105.2913157	105.330115	2.953450	105.329518	
2010	129	2000	129.833333333		05/09/2010 20:00	287.44	4.1043	0.385	16.79	0.42	13.2	39.4019	105.2903075	105.329107	2.952437	105.328505	
2010	129	2100	129.875000000		05/09/2010 21:00	287.16	4.1004	0.385	16.79	0.42	13.14	39.4111	105.2874844	105.326284	2.949601	105.325669	
2010	129	2200	129.916666667		05/09/2010 22:00	286.86	4.0962	0.385	16.78	0.42	13.1	39.4211	105.2844597	105.323259	2.946563	105.322631	
2010	129	2300	129.958333333		05/09/2010 23:00	286.64	4.0931	0.385	16.78	0.42	13.05	39.4283	105.2822416	105.321041	2.944335	105.320403	
2010	129	2400	130.000000000		05/10/2010 0:00	286.5	4.0911	0.385	16.77	0.42	13.02	39.4330	105.2808301	105.319629	2.942917	105.318985	
2010	130	100	130.041666667		05/10/2010 1:00	286.35	4.0890	0.385	16.8	0.42	12.98	39.4379	105.2793177	105.318117	2.941398	105.317466	
2010	130	200	130.083333333		05/10/2010 2:00	286.29	4.0881	0.385	16.79	0.419	12.94	39.4399	105.2787128	105.317512	2.940790	105.316858	
2010	130	300	130.125000000		05/10/2010 3:00	286.26	4.0877	0.385	16.77	0.42	12.91	39.4409	105.2784103	105.317210	2.940486	105.316554	
2010	130	400	130.166666667		05/10/2010 4:00	286.28	4.0880	0.385	16.77	0.42	12.89	39.4402	105.278612	105.317411	2.940689	105.316757	
2010	130	500	130.208333333		05/10/2010 5:00	286.29	4.0881	0.385	16.79	0.419	12.86	39.4399	105.2787128	105.317512	2.940790	105.316858	
2010	130	600	130.250000000		05/10/2010 6:00	286.37	4.0893	0.385	16.79	0.419	12.99	39.4373	105.2795194	105.318319	2.941600	105.317668	
2010	130	700	130.291666667		05/10/2010 7:00	286.59	4.0924	0.385	16.8	0.419	13.62	39.4300	105.2817375	105.320537	2.943829	105.319896	
2010	130	800	130.333333333		05/10/2010 8:00	286.95	4.0974	0.385	16.78	0.42	13.58	39.4181	105.2853671	105.324166	2.947474	105.323542	
2010	130	900	130.375000000		05/10/2010 9:00	287.33	4.1028	0.385	16.78	0.419	13.57	39.4055	105.2891984	105.327998	2.951323	105.327391	
2010	130	1000	130.416666667		05/10/2010 10:00	287.6	4.1066	0.385	16.78	0.419	13.56	39.3966	105.2919206	105.330720	2.954057	105.330125	
2010	130	1100	130.458333333		05/10/2010 11:00	288.01	4.1124	0.384	16.79	0.419	13.56	39.3830	105.2960544	105.334854	2.958210	105.334278	
2010	130	1200	130.500000000		05/10/2010 12:00	288.26	4.1159	0.384	16.78	0.419	13.56	39.3748	105.298575	105.337374	2.960742	105.336809	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	130	1300	130.541666667		05/10/2010 13:00	288.45	4.1185	0.384	16.79	0.418	13.54	39.3685	105.3004906	105.339290	2.962666	105.338734	
2010	130	1400	130.583333333		05/10/2010 14:00	288.65	4.1214	0.384	16.79	0.418	13.49	39.3619	105.3025071	105.341306	2.964692	105.340759	
2010	130	1500	130.625000000		05/10/2010 15:00	289.54	4.1339	0.384	16.78	0.418	13.45	39.3324	105.3114804	105.350280	2.973705	105.349773	
2010	130	1600	130.666666667		05/10/2010 16:00	289.61	4.1349	0.384	16.79	0.418	13.49	39.3301	105.3121861	105.350985	2.974414	105.350482	
2010	130	1700	130.708333333		05/10/2010 17:00	289.54	4.1339	0.384	16.79	0.418	13.51	39.3324	105.3114804	105.350280	2.973705	105.349773	
2010	130	1800	130.750000000		05/10/2010 18:00	289.65	4.1354	0.384	16.78	0.418	13.51	39.3288	105.3125894	105.351389	2.974819	105.350887	
2010	130	1900	130.791666667		05/10/2010 19:00	289.63	4.1352	0.384	16.78	0.418	13.41	39.3294	105.3123878	105.351187	2.974617	105.350684	
2010	130	2000	130.833333333		05/10/2010 20:00	289.66	4.1356	0.384	16.79	0.418	13.34	39.3284	105.3126902	105.351489	2.974920	105.350988	
2010	130	2100	130.875000000		05/10/2010 21:00	289.71	4.1363	0.384	16.78	0.418	13.28	39.3268	105.3131944	105.351994	2.975427	105.351495	
2010	130	2200	130.916666667		05/10/2010 22:00	289.75	4.1369	0.384	16.78	0.418	13.24	39.3255	105.3135977	105.352397	2.975832	105.351900	
2010	130	2300	130.958333333		05/10/2010 23:00	289.68	4.1359	0.384	16.78	0.418	13.19	39.3278	105.3128919	105.351691	2.975123	105.351191	
2010	130	2400	131.000000000		05/11/2010 0:00	289.58	4.1345	0.384	16.79	0.419	13.16	39.3311	105.3118837	105.350683	2.974110	105.350178	
2010	131	100	131.041666667		05/11/2010 1:00	289.36	4.1314	0.384	16.78	0.419	13.12	39.3384	105.3096655	105.348465	2.971882	105.347950	
2010	131	200	131.083333333		05/11/2010 2:00	289.23	4.1295	0.385	16.77	0.419	13.07	39.3427	105.3083548	105.347154	2.970566	105.346633	
2010	131	300	131.125000000		05/11/2010 3:00	288.99	4.1262	0.385	16.79	0.419	13.05	39.3506	105.3059351	105.344734	2.968135	105.344203	
2010	131	400	131.166666667		05/11/2010 4:00	288.83	4.1239	0.385	16.79	0.419	13	39.3559	105.3043219	105.343121	2.966514	105.342582	
2010	131	500	131.208333333		05/11/2010 5:00	288.62	4.1209	0.385	16.79	0.419	13.01	39.3628	105.3022046	105.341004	2.964388	105.340455	
2010	131	600	131.250000000		05/11/2010 6:00	288.41	4.1180	0.385	16.8	0.419	13.6	39.3698	105.3000873	105.338887	2.962261	105.338329	
2010	131	700	131.291666667		05/11/2010 7:00	288.49	4.1191	0.385	16.79	0.419	13.54	39.3671	105.3008939	105.339693	2.963071	105.339139	
2010	131	800	131.333333333		05/11/2010 8:00	287.82	4.1097	0.385	16.79	0.419	13.49	39.3893	105.2941388	105.332938	2.956286	105.332353	
2010	131	900	131.375000000		05/11/2010 9:00	288.08	4.1133	0.385	16.78	0.419	13.45	39.3807	105.2967602	105.335559	2.958919	105.334986	
2010	131	1000	131.416666667		05/11/2010 10:00	287.82	4.1097	0.385	16.79	0.419	13.41	39.3893	105.2941388	105.332938	2.956286	105.332353	
2010	131	1100	131.458333333		05/11/2010 11:00	288.18	4.1147	0.385	16.79	0.419	13.38	39.3774	105.2977684	105.336568	2.959932	105.335999	
2010	131	1200	131.500000000		05/11/2010 12:00	288.12	4.1139	0.385	16.77	0.419	13.35	39.3794	105.2971635	105.335963	2.959324	105.335392	
2010	131	1300	131.541666667		05/11/2010 13:00	288.35	4.1171	0.384	16.78	0.419	13.31	39.3718	105.2994824	105.338282	2.961653	105.337721	
2010	131	1400	131.583333333		05/11/2010 14:00	288.45	4.1185	0.385	16.78	0.419	13.27	39.3685	105.3004906	105.339290	2.962666	105.338734	
2010	131	1500	131.625000000		05/11/2010 15:00	289.22	4.1294	0.384	16.79	0.419	13.24	39.3430	105.308254	105.347053	2.970464	105.346532	
2010	131	1600	131.666666667		05/11/2010 16:00	289.28	4.1302	0.384	16.78	0.418	13.23	39.3410	105.308859	105.347658	2.971072	105.347140	
2010	131	1700	131.708333333		05/11/2010 17:00	290.63	4.1492	0.383	16.79	0.417	13.24	39.2964	105.3224701	105.361269	2.984744	105.360812	
2010	131	1800	131.750000000		05/11/2010 18:00	291.18	4.1570	0.382	16.78	0.416	13.28	39.2782	105.3280154	105.366815	2.990314	105.366382	
2010	131	1900	131.791666667		05/11/2010 19:00	291.44	4.1606	0.382	16.78	0.416	13.17	39.2696	105.3306368	105.369436	2.992948	105.369015	
2010	131	2000	131.833333333		05/11/2010 20:00	291.78	4.1654	0.382	16.79	0.416	13.12	39.2583	105.3340648	105.372864	2.996391	105.372459	
2010	131	2100	131.875000000		05/11/2010 21:00	292.13	4.1704	0.382	16.77	0.416	13.06	39.2467	105.3375936	105.376393	2.999936	105.376003	
2010	131	2200	131.916666667		05/11/2010 22:00	292.24	4.1719	0.382	16.79	0.417	13.03	39.2431	105.3387027	105.377502	3.001050	105.377117	
2010	131	2300	131.958333333		05/11/2010 23:00	292.22	4.1716	0.383	16.78	0.417	12.99	39.2438	105.338501	105.377300	3.000847	105.376915	
2010	131	2400	132.000000000		05/12/2010 0:00	292.15	4.1706	0.384	16.79	0.418	12.95	39.2461	105.3377952	105.376594	3.000138	105.376206	
2010	132	100	132.041666667		05/12/2010 1:00	292.1	4.1699	0.384	16.78	0.418	12.91	39.2477	105.3372911	105.376090	2.999632	105.375700	
2010	132	200	132.083333333		05/12/2010 2:00	291.96	4.1680	0.384	16.78	0.418	12.88	39.2524	105.3358796	105.374679	2.998214	105.374282	
2010	132	300	132.125000000		05/12/2010 3:00	292.02	4.1688	0.384	16.79	0.418	12.85	39.2504	105.3364845	105.375284	2.998822	105.374889	
2010	132	400	132.166666667		05/12/2010 4:00	292.09	4.1698	0.384	16.78	0.418	12.82	39.2481	105.3371903	105.375990	2.999531	105.375598	
2010	132	500	132.208333333		05/12/2010 5:00	291.88	4.1668	0.384	16.79	0.418	12.81	39.2550	105.335073	105.373872	2.997404	105.373472	
2010	132	600	132.250000000		05/12/2010 6:00	292.11	4.1701	0.384	16.79	0.418	13.35	39.2474	105.3373919	105.376191	2.999733	105.375801	
2010	132	700	132.291666667		05/12/2010 7:00	292.53	4.1760	0.384	16.78	0.418	13.49	39.2335	105.3416265	105.380426	3.003987	105.380055	
2010	132	800	132.333333333		05/12/2010 8:00	292.45	4.1749	0.383	16.78	0.418	13.44	39.2362	105.3408199	105.379619	3.003177	105.379244	
2010	132	900	132.375000000		05/12/2010 9:00	293.02	4.1829	0.383	16.76	0.417	13.39	39.2173	105.3465669	105.385366	3.008949	105.385017	
2010	132	1000	132.416666667		05/12/2010 10:00	293.35	4.1875	0.382	16.79	0.416	13.36	39.2064	105.349894	105.388693	3.012291	105.388359	
2010	132	1100	132.458333333		05/12/2010 11:00	293.54	4.1902	0.382	16.78	0.416	13.34	39.2001	105.3518097	105.390609	3.014216	105.390283	
2010	132	1200	132.500000000		05/12/2010 12:00	293.95	4.1960	0.382	16.79	0.416	13.33	39.1865	105.3559434	105.394743	3.018368	105.394436	
2010	132	1300	132.541666667		05/12/2010 13:00	294.4	4.2023	0.382	16.78	0.416	13.29	39.1717	105.3604805	105.399280	3.022926	105.398993	
2010	132	1400	132.583333333		05/12/2010 14:00	294.57	4.2047	0.382	16.77	0.416	13.26	39.1660	105.3621945	105.400994	3.024647	105.400715	
2010	132	1500	132.625000000		05/12/2010 15:00	294.86	4.2088	0.381	16.78	0.416	13.24	39.1564	105.3651184	105.403918	3.027584	105.403652	
2010	132	1600	132.666666667		05/12/2010 16:00	294.89	4.2092	0.382	16.78	0.416	13.23	39.1554	105.3654208	105.404220	3.027888	105.403956	
2010	132	1700	132.708333333		05/12/2010 17:00	295.15	4.2129	0.382	16.78	0.416	13.23	39.1468	105.3680422	105.406841	3.030521	105.406589	
2010	132	1800	132.750000000		05/12/2010 18:00	295.29	4.2148	0.382	16.77	0.417	13.24	39.1422	105.3694538	105.408253	3.031939	105.408007	
2010	132	1900	132.791666667		05/12/2010 19:00	295.44	4.2170	0.383	16.78	0.417	13.19	39.1373	105.3709661	105.409765	3.033458	105.409526	
2010	132	2000	132.833333333		05/12/2010 20:00	295.16	4.2130	0.383	16.77	0.417	13.11	39.1465	105.368143	105.406942	3.030623	105.406690	
2010	132	2100	132.875000000		05/12/2010 21:00	295.03	4.2112	0.383	16.79	0.417	13.06	39.1508	105.3668323	105.405632	3.029306	105.405374	
2010	132	2200	132.916666667		05/12/2010 22:00	295	4.2108	0.383	16.78	0.417	13.02	39.1518	105.3665299	105.405329	3.029002	105.405070	
2010	132	2300	132.958333333		05/12/2010 23:00	294.9	4.2094	0.383	16.78	0.417	12.98	39.1551	105.3655216	105.404321	3.027989	105.404057	
2010	132	2400	133.000000000		05/13/2010 0:00	294.97	4.2103	0.383	16.78	0.418	12.94	39.1528	105.3662274	105.405027	3.028698	105.404766	
2010	133	100	133.041666667		05/13/2010 1:00	295.3	4.2150	0.383	16.79	0.417	12.9	39.1419	105.3695546	105.408354	3.032040	105.408108	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	200	133.083333333		05/13/2010 2:00	295.62	4.2195	0.383	16.78	0.417	12.87	39.1313	105.3727809	105.411580	3.035281	105.411349	
2010	133	300	133.125000000		05/13/2010 3:00	295.99	4.2247	0.381	16.78	0.416	12.84	39.1191	105.3765114	105.415311	3.039028	105.415096	
2010	133	400	133.166666667		05/13/2010 4:00	296.39	4.2303	0.381	16.8	0.415	12.81	39.1058	105.3805443	105.419344	3.043080	105.419147	
2010	133	500	133.208333333		05/13/2010 5:00	296.43	4.2309	0.381	16.79	0.415	12.81	39.1045	105.3809476	105.419747	3.043485	105.419552	
2010	133	600	133.250000000		05/13/2010 6:00	296.87	4.2371	0.381	16.78	0.415	13.54	39.0899	105.3853838	105.424183	3.047941	105.424009	
2010	133	700	133.291666667		05/13/2010 7:00	297.5	4.2460	0.38	16.78	0.414	13.49	39.0691	105.3917357	105.430535	3.054321	105.430389	
2010	133	800	133.333333333		05/13/2010 8:00	297.58	4.2471	0.38	16.78	0.415	13.44	39.0665	105.3925423	105.431341	3.055131	105.431199	
2010	133	900	133.375000000		05/13/2010 9:00	298.2	4.2558	0.38	16.77	0.414	13.39	39.0460	105.3987933	105.437593	3.061411	105.437478	
2010	133	1000	133.416666667		05/13/2010 10:00	298.95	4.2664	0.379	16.77	0.413	13.36	39.0211	105.4063551	105.445154	3.069006	105.445074	
2010	133	1100	133.458333333		05/13/2010 11:00	299.64	4.2761	0.378	16.77	0.412	13.33	38.9983	105.4133119	105.452111	3.075994	105.452062	
2010	133	1200	133.500000000		05/13/2010 12:00	300.23	4.2844	0.378	16.77	0.412	13.3	38.9788	105.4192605	105.458060	3.081970	105.458037	
2010	133	1300	133.541666667		05/13/2010 13:00	300.94	4.2944	0.377	16.78	0.411	13.27	38.9553	105.4264189	105.465218	3.089160	105.465228	
2010	133	1400	133.583333333		05/13/2010 14:00	301.06	4.2961	0.378	16.78	0.412	13.24	38.9513	105.4276288	105.466428	3.090376	105.466443	
2010	133	1500	133.625000000		05/13/2010 15:00	301.23	4.2985	0.378	16.77	0.411	13.21	38.9457	105.4293428	105.468142	3.092097	105.468165	
2010	133	1600	133.666666667		05/13/2010 16:00	302.09	4.3106	0.378	16.76	0.411	13.2	38.9173	105.4380136	105.476813	3.100807	105.476875	
2010	133	1700	133.708333333		05/13/2010 17:00	302.59	4.3176	0.378	16.77	0.411	13.22	38.9007	105.4430547	105.481854	3.105871	105.481939	
2010	133	1800	133.750000000		05/13/2010 18:00	302.91	4.3221	0.377	16.77	0.411	13.23	38.8902	105.4462811	105.485080	3.109112	105.485180	
2010	133	1900	133.791666667		05/13/2010 19:00	303.32	4.3279	0.378	16.76	0.412	13.19	38.8766	105.4504148	105.489214	3.113264	105.489332	
2010	133	2000	133.833333333		05/13/2010 20:00	303.64	4.3324	0.378	16.77	0.412	13.11	38.8660	105.4536412	105.492440	3.116505	105.492573	
2010	133	2100	133.875000000		05/13/2010 21:00	303.69	4.3331	0.378	16.77	0.412	13.05	38.8644	105.4541453	105.492945	3.117011	105.493079	
2010	133	2200	133.916666667		05/13/2010 22:00	303.77	4.3342	0.378	16.78	0.412	13.01	38.8617	105.4549519	105.493751	3.117822	105.493889	
2010	133	2300	133.958333333		05/13/2010 23:00	303.61	4.3320	0.379	16.78	0.413	12.96	38.8670	105.4533387	105.492138	3.116201	105.492269	
2010	133	2400	134.000000000		05/14/2010 0:00	303.7	4.3333	0.379	16.76	0.413	12.92	38.8640	105.4542461	105.493045	3.117113	105.493180	
2010	134	100	134.041666667		05/14/2010 1:00	303.6	4.3318	0.38	16.77	0.414	12.88	38.8673	105.4532379	105.492037	3.116100	105.492168	
2010	134	200	134.083333333		05/14/2010 2:00	303.64	4.3324	0.38	16.77	0.414	12.87	38.8660	105.4536412	105.492440	3.116505	105.492573	
2010	134	300	134.125000000		05/14/2010 3:00	303.64	4.3324	0.38	16.76	0.414	12.83	38.8660	105.4536412	105.492440	3.116505	105.492573	
2010	134	400	134.166666667		05/14/2010 4:00	303.55	4.3311	0.379	16.78	0.413	12.79	38.8690	105.4527338	105.491533	3.115594	105.491661	
2010	134	500	134.208333333		05/14/2010 5:00	303.2	4.3262	0.38	16.76	0.414	12.81	38.8806	105.449205	105.488004	3.112049	105.488117	
2010	134	600	134.250000000		05/14/2010 6:00	302.97	4.3230	0.38	16.77	0.414	13.57	38.8882	105.446886	105.485685	3.109720	105.485787	
2010	134	700	134.291666667		05/14/2010 7:00	302.88	4.3217	0.38	16.77	0.414	13.49	38.8911	105.4459786	105.484778	3.108808	105.484876	
2010	134	800	134.333333333		05/14/2010 8:00	302.27	4.3131	0.38	16.78	0.414	13.45	38.9113	105.4398284	105.478628	3.102630	105.478698	
2010	134	900	134.375000000		05/14/2010 9:00	301.88	4.3076	0.38	16.77	0.414	13.38	38.9242	105.4358963	105.474696	3.098680	105.474748	
2010	134	1000	134.416666667		05/14/2010 10:00	301.67	4.3047	0.38	16.77	0.414	13.33	38.9312	105.433779	105.472578	3.096554	105.472621	
2010	134	1100	134.458333333		05/14/2010 11:00	301.34	4.3000	0.38	16.75	0.414	13.29	38.9421	105.4304518	105.469251	3.093211	105.469279	
2010	134	1200	134.500000000		05/14/2010 12:00	301.34	4.3000	0.38	16.77	0.414	13.26	38.9421	105.4304518	105.469251	3.093211	105.469279	
2010	134	1300	134.541666667		05/14/2010 13:00	301.85	4.3072	0.38	16.75	0.414	13.22	38.9252	105.4355938	105.474393	3.098377	105.474444	
2010	134	1400	134.583333333		05/14/2010 14:00	301.67	4.3047	0.38	16.76	0.414	13.18	38.9312	105.433779	105.472578	3.096554	105.472621	
2010	134	1500	134.625000000		05/14/2010 15:00	302.05	4.3100	0.38	16.76	0.414	13.16	38.9186	105.4376103	105.476409	3.100402	105.476470	
2010	134	1600	134.666666667		05/14/2010 16:00	302.5	4.3164	0.38	16.75	0.414	13.16	38.9037	105.4421473	105.480947	3.104960	105.481027	
2010	134	1700	134.708333333		05/14/2010 17:00	302.42	4.3152	0.38	16.76	0.414	13.16	38.9064	105.4413408	105.480140	3.104149	105.480217	
2010	134	1800	134.750000000		05/14/2010 18:00	302.9	4.3220	0.38	16.75	0.414	13.18	38.8905	105.4461803	105.484979	3.109011	105.485078	
2010	134	1900	134.791666667		05/14/2010 19:00	303.25	4.3269	0.38	16.76	0.414	13.14	38.8789	105.4497091	105.488508	3.112555	105.488623	
2010	134	2000	134.833333333		05/14/2010 20:00	303.55	4.3311	0.379	16.75	0.414	13.06	38.8690	105.4527338	105.491533	3.115594	105.491661	
2010	134	2100	134.875000000		05/14/2010 21:00	303.74	4.3338	0.379	16.76	0.413	13	38.8627	105.4546494	105.493449	3.117518	105.493586	
2010	134	2200	134.916666667		05/14/2010 22:00	303.96	4.3369	0.378	16.77	0.412	12.96	38.8554	105.4568675	105.495667	3.119746	105.495814	
2010	134	2300	134.958333333		05/14/2010 23:00	304.06	4.3383	0.378	16.76	0.411	12.92	38.8521	105.4578758	105.496675	3.120759	105.496826	
2010	134	2400	135.000000000		05/15/2010 0:00	304.31	4.3418	0.377	16.76	0.411	12.88	38.8438	105.4603964	105.499196	3.123291	105.499358	
2010	135	100	135.041666667		05/15/2010 1:00	304.52	4.3448	0.377	16.76	0.411	12.85	38.8369	105.4625136	105.501313	3.125417	105.501485	
2010	135	200	135.083333333		05/15/2010 2:00	304.59	4.3458	0.377	16.76	0.411	12.81	38.8346	105.4632194	105.502019	3.126126	105.502194	
2010	135	300	135.125000000		05/15/2010 3:00	304.56	4.3454	0.378	16.76	0.411	12.78	38.8356	105.4629169	105.501716	3.125822	105.501890	
2010	135	400	135.166666667		05/15/2010 4:00	304.59	4.3458	0.378	16.76	0.412	12.75	38.8346	105.4632194	105.502019	3.126126	105.502194	
2010	135	500	135.208333333		05/15/2010 5:00	304.22	4.3406	0.378	16.76	0.412	12.75	38.8468	105.4594889	105.498288	3.122379	105.498447	
2010	135	600	135.250000000		05/15/2010 6:00	304.21	4.3404	0.378	16.76	0.412	13.41	38.8472	105.4593881	105.498187	3.122278	105.498346	
2010	135	700	135.291666667		05/15/2010 7:00	304.02	4.3378	0.378	16.76	0.412	13.43	38.8534	105.4574725	105.496272	3.120354	105.496421	
2010	135	800	135.333333333		05/15/2010 8:00	303.53	4.3309	0.378	16.76	0.412	13.36	38.8696	105.4525321	105.491331	3.115391	105.491459	
2010	135	900	135.375000000		05/15/2010 9:00	303.64	4.3324	0.378	16.76	0.412	13.3	38.8660	105.4536412	105.492440	3.116505	105.492573	
2010	135	1000	135.416666667		05/15/2010 10:00	303.2	4.3262	0.378	16.76	0.412	13.26	38.8806	105.449205	105.488004	3.112049	105.488117	
2010	135	1100	135.458333333		05/15/2010 11:00	303.19	4.3261	0.378	16.76	0.412	13.24	38.8809	105.4491041	105.487903	3.111948	105.488015	
2010	135	1200	135.500000000		05/15/2010 12:00	303.02	4.3237	0.378	16.77	0.412	13.22	38.8865	105.4473901	105.486189	3.110226	105.486294	
2010	135	1300	135.541666667		05/15/2010 13:00	303.04	4.3240	0.378	16.75	0.412	13.19	38.8859	105.4475918	105.486391	3.110428	105.486496	
2010	135	1400	135.583333333		05/15/2010 14:00	302.42	4.3152	0.378	16.74	0.412	13.16	38.9064	105.4413408	105.480140	3.104149	105.480217	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	135	1500	135.625000000		05/15/2010 15:00	302.35	4.3142	0.378	16.74	0.412	13.15	38.9087	105.440635	105.479434	3.103440	105.479508	
2010	135	1600	135.666666667		05/15/2010 16:00	302.37	4.3145	0.378	16.74	0.412	13.15	38.9080	105.4408366	105.479636	3.103643	105.479711	
2010	135	1700	135.708333333		05/15/2010 17:00	302.37	4.3145	0.378	16.75	0.412	13.16	38.9080	105.4408366	105.479636	3.103643	105.479711	
2010	135	1800	135.750000000		05/15/2010 18:00	302.63	4.3182	0.378	16.74	0.412	13.19	38.8994	105.443458	105.482257	3.106276	105.482344	
2010	135	1900	135.791666667		05/15/2010 19:00	302.65	4.3185	0.378	16.75	0.412	13.13	38.8988	105.4436597	105.482459	3.106479	105.482546	
2010	135	2000	135.833333333		05/15/2010 20:00	302.6	4.3178	0.378	16.74	0.412	13.05	38.9004	105.4431556	105.481955	3.105972	105.482040	
2010	135	2100	135.875000000		05/15/2010 21:00	302.29	4.3134	0.378	16.75	0.412	13	38.9107	105.44003	105.478829	3.102833	105.478900	
2010	135	2200	135.916666667		05/15/2010 22:00	302.17	4.3117	0.378	16.75	0.412	12.96	38.9146	105.4388202	105.477619	3.101617	105.477685	
2010	135	2300	135.958333333		05/15/2010 23:00	301.76	4.3059	0.378	16.74	0.412	12.92	38.9282	105.4346864	105.473486	3.097465	105.473533	
2010	135	2400	136.000000000		05/16/2010 0:00	301.44	4.3014	0.378	16.75	0.412	12.87	38.9388	105.4314601	105.470259	3.094224	105.470292	
2010	136	100	136.041666667		05/16/2010 1:00	301.23	4.2985	0.378	16.76	0.412	12.84	38.9457	105.4293428	105.468142	3.092097	105.468165	
2010	136	200	136.083333333		05/16/2010 2:00	300.96	4.2947	0.378	16.74	0.412	12.81	38.9547	105.4266206	105.465420	3.089363	105.465431	
2010	136	300	136.125000000		05/16/2010 3:00	300.59	4.2895	0.378	16.74	0.412	12.78	38.9669	105.4228901	105.461689	3.085616	105.461683	
2010	136	400	136.166666667		05/16/2010 4:00	300.42	4.2871	0.378	16.74	0.412	12.75	38.9725	105.4211761	105.459975	3.083894	105.459962	
2010	136	500	136.208333333		05/16/2010 5:00	300.17	4.2836	0.378	16.76	0.412	12.73	38.9808	105.4186555	105.457455	3.081362	105.457430	
2010	136	600	136.250000000		05/16/2010 6:00	299.79	4.2782	0.378	16.76	0.412	13.42	38.9934	105.4148242	105.453623	3.077514	105.453581	
2010	136	700	136.291666667		05/16/2010 7:00	299.59	4.2754	0.378	16.75	0.412	13.4	39.0000	105.4128078	105.451607	3.075488	105.451556	
2010	136	800	136.333333333		05/16/2010 8:00	299.28	4.2710	0.378	16.74	0.412	13.38	39.0102	105.4096822	105.448481	3.072348	105.448416	
2010	136	900	136.375000000		05/16/2010 9:00	299.38	4.2724	0.378	16.75	0.412	13.32	39.0069	105.4106905	105.449490	3.073361	105.449429	
2010	136	1000	136.416666667		05/16/2010 10:00	299.29	4.2712	0.378	16.73	0.412	13.27	39.0099	105.4097831	105.448582	3.072450	105.448517	
2010	136	1100	136.458333333		05/16/2010 11:00	299.34	4.2719	0.378	16.73	0.412	13.24	39.0082	105.4102872	105.449086	3.072956	105.449024	
2010	136	1200	136.500000000		05/16/2010 12:00	299.31	4.2714	0.378	16.76	0.412	13.22	39.0092	105.4099847	105.448784	3.072652	105.448720	
2010	136	1300	136.541666667		05/16/2010 13:00	299.35	4.2720	0.378	16.75	0.412	13.2	39.0079	105.410388	105.449187	3.073057	105.449125	
2010	136	1400	136.583333333		05/16/2010 14:00	298.89	4.2655	0.378	16.73	0.412	13.17	39.0231	105.4057501	105.444549	3.068399	105.444466	
2010	136	1500	136.625000000		05/16/2010 15:00	298.58	4.2612	0.378	16.75	0.412	13.16	39.0334	105.4026246	105.441424	3.065259	105.441327	
2010	136	1600	136.666666667		05/16/2010 16:00	298.77	4.2638	0.378	16.73	0.412	13.16	39.0271	105.4045403	105.443339	3.067183	105.443251	
2010	136	1700	136.708333333		05/16/2010 17:00	298.51	4.2602	0.378	16.74	0.412	13.17	39.0357	105.4019188	105.440718	3.064550	105.440618	
2010	136	1800	136.750000000		05/16/2010 18:00	298.43	4.2591	0.377	16.73	0.411	13.2	39.0383	105.4011123	105.439911	3.063740	105.439808	
2010	136	1900	136.791666667		05/16/2010 19:00	298.25	4.2565	0.377	16.74	0.411	13.14	39.0443	105.3992974	105.438097	3.061917	105.437985	
2010	136	2000	136.833333333		05/16/2010 20:00	298.09	4.2543	0.377	16.74	0.411	13.06	39.0496	105.3976843	105.436483	3.060297	105.436364	
2010	136	2100	136.875000000		05/16/2010 21:00	297.64	4.2479	0.377	16.73	0.411	13.01	39.0645	105.3931472	105.431946	3.055739	105.431807	
2010	136	2200	136.916666667		05/16/2010 22:00	297.69	4.2486	0.377	16.74	0.411	12.96	39.0628	105.3936513	105.432451	3.056246	105.432313	
2010	136	2300	136.958333333		05/16/2010 23:00	297.28	4.2429	0.377	16.75	0.411	12.92	39.0764	105.3895176	105.428317	3.052093	105.428161	
2010	136	2400	137.000000000		05/17/2010 0:00	297.37	4.2441	0.377	16.75	0.411	12.89	39.0734	105.390425	105.429224	3.053005	105.429072	
2010	137	100	137.041666667		05/17/2010 1:00	297.45	4.2453	0.377	16.74	0.411	12.86	39.0708	105.3912316	105.430031	3.053815	105.429883	
2010	137	200	137.083333333		05/17/2010 2:00	297.35	4.2439	0.377	16.74	0.411	12.82	39.0741	105.3902233	105.429023	3.052802	105.428870	
2010	137	300	137.125000000		05/17/2010 3:00	297.35	4.2439	0.377	16.74	0.411	12.78	39.0741	105.3902233	105.429023	3.052802	105.428870	
2010	137	400	137.166666667		05/17/2010 4:00	297.37	4.2441	0.377	16.74	0.411	12.75	39.0734	105.390425	105.429224	3.053005	105.429072	
2010	137	500	137.208333333		05/17/2010 5:00	297.34	4.2437	0.377	16.74	0.411	12.72	39.0744	105.3901225	105.428922	3.052701	105.428769	
2010	137	600	137.250000000		05/17/2010 6:00	297.43	4.2450	0.378	16.76	0.411	12.95	39.0714	105.3910299	105.429829	3.053612	105.429680	
2010	137	700	137.291666667		05/17/2010 7:00	297.63	4.2478	0.378	16.76	0.412	13.4	39.0648	105.3930464	105.431846	3.055638	105.431706	
2010	137	800	137.333333333		05/17/2010 8:00	297.85	4.2509	0.378	16.74	0.412	13.39	39.0575	105.3952645	105.434064	3.057866	105.433934	
2010	137	900	137.375000000		05/17/2010 9:00	298.3	4.2572	0.377	16.75	0.411	13.34	39.0426	105.3998016	105.438601	3.062423	105.438491	
2010	137	1000	137.416666667		05/17/2010 10:00	298.71	4.2630	0.378	16.74	0.412	13.34	39.0291	105.4039353	105.442735	3.066576	105.442643	
2010	137	1100	137.458333333		05/17/2010 11:00	298.86	4.2651	0.378	16.74	0.412	13.37	39.0241	105.4054477	105.444247	3.068095	105.444163	
2010	137	1200	137.500000000		05/17/2010 12:00	298.52	4.2603	0.378	16.74	0.412	13.37	39.0354	105.4020197	105.440819	3.064651	105.440719	
2010	137	1300	137.541666667		05/17/2010 13:00	299.04	4.2676	0.378	16.75	0.412	13.31	39.0182	105.4072625	105.446062	3.069918	105.445986	
2010	137	1400	137.583333333		05/17/2010 14:00	299.21	4.2700	0.378	16.74	0.412	13.26	39.0125	105.4089765	105.447776	3.071640	105.447707	
2010	137	1500	137.625000000		05/17/2010 15:00	299.59	4.2754	0.378	16.73	0.412	13.22	39.0000	105.4128078	105.451607	3.075488	105.451556	
2010	137	1600	137.666666667		05/17/2010 16:00	300.23	4.2844	0.378	16.73	0.412	13.2	38.9788	105.4192605	105.458060	3.081970	105.458037	
2010	137	1700	137.708333333		05/17/2010 17:00	300.67	4.2906	0.378	16.74	0.412	13.2	38.9642	105.4236967	105.462496	3.086426	105.462494	
2010	137	1800	137.750000000		05/17/2010 18:00	301.03	4.2957	0.378	16.73	0.412	13.16	38.9523	105.4273263	105.466126	3.090072	105.466140	
2010	137	1900	137.791666667		05/17/2010 19:00	301.57	4.3033	0.377	16.74	0.411	13.07	38.9345	105.4327708	105.471570	3.095541	105.471609	
2010	137	2000	137.833333333		05/17/2010 20:00	302.01	4.3095	0.377	16.75	0.411	13.01	38.9199	105.437207	105.476006	3.099997	105.476065	
2010	137	2100	137.875000000		05/17/2010 21:00	302.3	4.3135	0.377	16.73	0.411	12.97	38.9103	105.4401309	105.478930	3.102934	105.479002	
2010	137	2200	137.916666667		05/17/2010 22:00	302.56	4.3172	0.377	16.74	0.411	12.94	38.9017	105.4427523	105.481551	3.105567	105.481635	
2010	137	2300	137.958333333		05/17/2010 23:00	302.83	4.3210	0.377	16.75	0.411	12.89	38.8928	105.4454745	105.484274	3.108302	105.484369	
2010	137	2400	138.000000000		05/18/2010 0:00	303.17	4.3258	0.377	16.74	0.411	12.87	38.8816	105.4489025	105.487702	3.111745	105.487813	
2010	138	100	138.041666667		05/18/2010 1:00	303.62	4.3321	0.377	16.74	0.411	12.83	38.8667	105.4534395	105.492239	3.116302	105.492370	
2010	138	200	138.083333333		05/18/2010 2:00	304.08	4.3386	0.376	16.74	0.41	12.8	38.8515	105.4580774	105.496877	3.120961	105.497029	
2010	138	300	138.125000000		05/18/2010 3:00	304.51	4.3447	0.376	16.75	0.41	12.77	38.8372	105.4624128	105.501212	3.125316	105.501384	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	400	138.166666667		05/18/2010 4:00	304.95	4.3509	0.376	16.76	0.409	12.74	38.8227	105.466849	105.505648	3.129772	105.505840	
2010	138	500	138.208333333		05/18/2010 5:00	305.25	4.3551	0.374	16.74	0.408	12.72	38.8128	105.4698737	105.508673	3.132811	105.508878	
2010	138	600	138.250000000		05/18/2010 6:00	305.66	4.3608	0.374	16.76	0.407	12.69	38.7992	105.4740075	105.512807	3.136963	105.513031	
2010	138	700	138.291666667		05/18/2010 7:00	306.3	4.3699	0.373	16.76	0.406	12.8	38.7780	105.4804602	105.519259	3.143445	105.519512	
2010	138	800	138.333333333		05/18/2010 8:00	307.03	4.3801	0.372	16.76	0.406	13.45	38.7539	105.4878203	105.526619	3.150838	105.526905	
2010	138	900	138.375000000		05/18/2010 9:00	307.5	4.3868	0.372	16.74	0.405	13.47	38.7383	105.492559	105.531358	3.155598	105.531665	
2010	138	1000	138.416666667		05/18/2010 10:00	307.72	4.3899	0.372	16.76	0.405	13.47	38.7310	105.4947771	105.533576	3.157826	105.533894	
2010	138	1100	138.458333333		05/18/2010 11:00	307.82	4.3913	0.371	16.76	0.405	13.44	38.7277	105.4957853	105.534585	3.158839	105.534906	
2010	138	1200	138.500000000		05/18/2010 12:00	308.72	4.4039	0.371	16.75	0.405	13.39	38.6980	105.5048594	105.543659	3.167954	105.544021	
2010	138	1300	138.541666667		05/18/2010 13:00	309.13	4.4097	0.37	16.74	0.404	13.34	38.6844	105.5089932	105.547792	3.172106	105.548174	
2010	138	1400	138.583333333		05/18/2010 14:00	308.67	4.4032	0.37	16.73	0.403	13.31	38.6996	105.5043553	105.543155	3.167447	105.543515	
2010	138	1500	138.625000000		05/18/2010 15:00	309.76	4.4186	0.369	16.73	0.402	13.29	38.6636	105.515345	105.554144	3.178486	105.554554	
2010	138	1600	138.666666667		05/18/2010 16:00	310.05	4.4227	0.368	16.72	0.402	13.28	38.6540	105.5182689	105.557068	3.181423	105.557491	
2010	138	1700	138.708333333		05/18/2010 17:00	310.83	4.4336	0.368	16.73	0.401	13.26	38.6282	105.5261331	105.564932	3.189323	105.565391	
2010	138	1800	138.750000000		05/18/2010 18:00	311.29	4.4401	0.367	16.73	0.4	13.27	38.6130	105.530771	105.569570	3.193982	105.570049	
2010	138	1900	138.791666667		05/18/2010 19:00	311.83	4.4477	0.367	16.73	0.4	13.22	38.5951	105.5362155	105.575015	3.199451	105.575518	
2010	138	2000	138.833333333		05/18/2010 20:00	312.09	4.4514	0.365	16.74	0.398	13.14	38.5865	105.5388369	105.577636	3.202084	105.578151	
2010	138	2100	138.875000000		05/18/2010 21:00	312.3	4.4543	0.367	16.75	0.4	13.08	38.5795	105.5409542	105.579753	3.204211	105.580278	
2010	138	2200	138.916666667		05/18/2010 22:00	312.32	4.4546	0.368	16.75	0.401	13.04	38.5789	105.5411558	105.579955	3.204413	105.580481	
2010	138	2300	138.958333333		05/18/2010 23:00	312.18	4.4526	0.37	16.74	0.404	13	38.5835	105.5397443	105.578543	3.202995	105.579063	
2010	138	2400	139.000000000		05/19/2010 0:00	311.9	4.4487	0.371	16.75	0.404	12.96	38.5928	105.5369212	105.575720	3.200159	105.576227	
2010	139	100	139.041666667		05/19/2010 1:00	311.67	4.4455	0.371	16.74	0.405	12.92	38.6004	105.5346023	105.573401	3.197830	105.573898	
2010	139	200	139.083333333		05/19/2010 2:00	311.42	4.4419	0.371	16.75	0.405	12.89	38.6087	105.5320817	105.570881	3.195298	105.571366	
2010	139	300	139.125000000		05/19/2010 3:00	311.12	4.4377	0.372	16.74	0.405	12.86	38.6186	105.529057	105.567856	3.192260	105.568328	
2010	139	400	139.166666667		05/19/2010 4:00	310.72	4.4321	0.371	16.74	0.405	12.83	38.6318	105.5250241	105.563823	3.188209	105.564277	
2010	139	500	139.208333333		05/19/2010 5:00	310.17	4.4243	0.371	16.74	0.405	12.88	38.6500	105.5194788	105.558278	3.182639	105.558706	
2010	139	600	139.250000000		05/19/2010 6:00	310.28	4.4259	0.371	16.74	0.404	13.48	38.6464	105.5205878	105.559387	3.183753	105.559820	
2010	139	700	139.291666667		05/19/2010 7:00	309.35	4.4128	0.371	16.74	0.404	13.45	38.6771	105.5112113	105.550010	3.174334	105.550402	
2010	139	800	139.333333333		05/19/2010 8:00	308.72	4.4039	0.37	16.74	0.403	13.41	38.6980	105.5048594	105.543659	3.167954	105.544021	
2010	139	900	139.375000000		05/19/2010 9:00	308.04	4.3944	0.37	16.74	0.403	13.37	38.7205	105.4980034	105.536803	3.161067	105.537134	
2010	139	1000	139.416666667		05/19/2010 10:00	307.59	4.3880	0.369	16.74	0.402	13.34	38.7353	105.4934664	105.532266	3.156509	105.532577	
2010	139	1100	139.458333333		05/19/2010 11:00	306.88	4.3780	0.369	16.74	0.402	13.33	38.7588	105.4863079	105.525107	3.149319	105.525386	
2010	139	1200	139.500000000		05/19/2010 12:00	306.77	4.3765	0.369	16.75	0.402	13.32	38.7625	105.4851989	105.523998	3.148205	105.524272	
2010	139	1300	139.541666667		05/19/2010 13:00	306.6	4.3741	0.369	16.76	0.402	13.3	38.7681	105.4834849	105.522284	3.146483	105.522551	
2010	139	1400	139.583333333		05/19/2010 14:00	306.08	4.3668	0.369	16.74	0.402	13.26	38.7853	105.4782421	105.517041	3.141217	105.517284	
2010	139	1500	139.625000000		05/19/2010 15:00	305.96	4.3651	0.369	16.73	0.402	13.26	38.7893	105.4770322	105.515831	3.140001	105.516069	
2010	139	1600	139.666666667		05/19/2010 16:00	306.51	4.3728	0.369	16.73	0.402	13.26	38.7711	105.4825775	105.521377	3.145571	105.521639	
2010	139	1700	139.708333333		05/19/2010 17:00	307.28	4.3837	0.369	16.74	0.402	13.33	38.7456	105.4903409	105.529140	3.153370	105.529437	
2010	139	1800	139.750000000		05/19/2010 18:00	307.5	4.3868	0.369	16.74	0.402	13.22	38.7383	105.492559	105.531358	3.155598	105.531665	
2010	139	1900	139.791666667		05/19/2010 19:00	307.86	4.3918	0.369	16.75	0.402	13.28	38.7264	105.4961886	105.534988	3.159244	105.535311	
2010	139	2000	139.833333333		05/19/2010 20:00	308.58	4.4020	0.369	16.75	0.402	13.21	38.7026	105.5034479	105.542247	3.166536	105.542603	
2010	139	2100	139.875000000		05/19/2010 21:00	309.02	4.4082	0.369	16.74	0.402	13.16	38.6880	105.5078841	105.546683	3.170992	105.547060	
2010	139	2200	139.916666667		05/19/2010 22:00	309.4	4.4135	0.367	16.74	0.4	13.12	38.6755	105.5117154	105.550515	3.174840	105.550908	
2010	139	2300	139.958333333		05/19/2010 23:00	309.67	4.4173	0.367	16.74	0.4	13.07	38.6665	105.5144376	105.553237	3.177575	105.553643	
2010	139	2400	140.000000000		05/20/2010 0:00	309.63	4.4167	0.367	16.74	0.4	13.04	38.6679	105.5140343	105.552834	3.177170	105.553237	
2010	140	100	140.041666667		05/20/2010 1:00	309.5	4.4149	0.368	16.74	0.401	13	38.6722	105.5127236	105.551523	3.175853	105.551921	
2010	140	200	140.083333333		05/20/2010 2:00	309.8	4.4191	0.368	16.74	0.401	12.97	38.6622	105.5157483	105.554548	3.178891	105.554959	
2010	140	300	140.125000000		05/20/2010 3:00	309.8	4.4191	0.368	16.73	0.401	12.94	38.6622	105.5157483	105.554548	3.178891	105.554959	
2010	140	400	140.166666667		05/20/2010 4:00	309.68	4.4174	0.368	16.74	0.401	12.91	38.6662	105.5145385	105.553338	3.177676	105.553744	
2010	140	500	140.208333333		05/20/2010 5:00	309.73	4.4181	0.368	16.73	0.401	12.93	38.6646	105.5150426	105.553842	3.178182	105.554250	
2010	140	600	140.250000000		05/20/2010 6:00	310.19	4.4246	0.368	16.73	0.401	13.55	38.6493	105.5196804	105.558480	3.182841	105.558909	
2010	140	700	140.291666667		05/20/2010 7:00	310.14	4.4239	0.368	16.74	0.401	13.53	38.6510	105.5191763	105.557976	3.182335	105.558403	
2010	140	800	140.333333333		05/20/2010 8:00	309.81	4.4193	0.368	16.73	0.401	13.53	38.6619	105.5158492	105.554648	3.178993	105.555060	
2010	140	900	140.375000000		05/20/2010 9:00	310.06	4.4228	0.368	16.74	0.401	13.51	38.6536	105.5183697	105.557169	3.181525	105.557592	
2010	140	1000	140.416666667		05/20/2010 10:00	309.68	4.4174	0.368	16.74	0.401	13.48	38.6662	105.5145385	105.553338	3.177676	105.553744	
2010	140	1100	140.458333333		05/20/2010 11:00	310.26	4.4256	0.368	16.74	0.401	13.45	38.6470	105.5203862	105.559185	3.183550	105.559618	
2010	140	1200	140.500000000		05/20/2010 12:00	308.35	4.3987	0.365	16.77	0.397	13.43	38.7102	105.501129	105.539928	3.164206	105.540274	
2010	140	1300	140.541666667		05/20/2010 13:00	309.57	4.4159	0.362	16.74	0.395	13.42	38.6699	105.5134294	105.552229	3.176562	105.552630	
2010	140	1400	140.583333333		05/20/2010 14:00	309.85	4.4198	0.362	16.73	0.394	13.39	38.6606	105.5162524	105.555052	3.179398	105.555465	
2010	140	1500	140.625000000		05/20/2010 15:00	310.39	4.4274	0.363	16.73	0.395	13.38	38.6427	105.5216969	105.560496	3.184867	105.560934	
2010	140	1600	140.666666667		05/20/2010 16:00	310.44	4.4281	0.363	16.74	0.395	13.38	38.6411	105.522201	105.561000	3.185373	105.561441	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	140	1700	140.708333333		05/20/2010 17:00	310.97	4.4356	0.362	16.74	0.394	13.38	38.6235	105.5275447	105.566344	3.190741	105.566808	
2010	140	1800	140.750000000		05/20/2010 18:00	310.42	4.4279	0.36	16.73	0.393	13.41	38.6417	105.5219994	105.560799	3.185171	105.561238	
2010	140	1900	140.791666667		05/20/2010 19:00	310.96	4.4355	0.359	16.73	0.392	13.37	38.6239	105.5274438	105.566243	3.190639	105.566707	
2010	140	2000	140.833333333		05/20/2010 20:00	311.28	4.4400	0.358	16.74	0.39	13.29	38.6133	105.5306702	105.569469	3.193880	105.569948	
2010	140	2100	140.875000000		05/20/2010 21:00	311.74	4.4464	0.357	16.73	0.389	13.22	38.5981	105.535308	105.574107	3.198539	105.574607	
2010	140	2200	140.916666667		05/20/2010 22:00	312.34	4.4549	0.356	16.74	0.388	13.17	38.5782	105.5413574	105.580157	3.204616	105.580683	
2010	140	2300	140.958333333		05/20/2010 23:00	312.81	4.4615	0.356	16.73	0.388	13.13	38.5627	105.5460961	105.584895	3.209376	105.585443	
2010	140	2400	141.000000000		05/21/2010 0:00	313.24	4.4676	0.356	16.73	0.388	13.09	38.5485	105.5504315	105.589231	3.213731	105.589798	
2010	141	100	141.041666667		05/21/2010 1:00	313.85	4.4762	0.356	16.71	0.388	13.06	38.5283	105.5565818	105.595381	3.219908	105.595976	
2010	141	200	141.083333333		05/21/2010 2:00	314.41	4.4840	0.356	16.73	0.388	13.02	38.5098	105.5622279	105.601027	3.225580	105.601648	
2010	141	300	141.125000000		05/21/2010 3:00	314.86	4.4904	0.356	16.73	0.388	12.99	38.4949	105.5667649	105.605564	3.230137	105.606205	
2010	141	400	141.166666667		05/21/2010 4:00	315.25	4.4959	0.356	16.73	0.388	12.96	38.4820	105.570697	105.609496	3.234087	105.610155	
2010	141	500	141.208333333		05/21/2010 5:00	315.62	4.5011	0.355	16.73	0.387	12.98	38.4697	105.5744275	105.613227	3.237834	105.613902	
2010	141	600	141.250000000		05/21/2010 6:00	315.86	4.5045	0.355	16.71	0.387	13.65	38.4618	105.5768472	105.615646	3.240265	105.616333	
2010	141	700	141.291666667		05/21/2010 7:00	316.22	4.5095	0.355	16.73	0.387	13.59	38.4499	105.5804769	105.619276	3.243911	105.619979	
2010	141	800	141.333333333		05/21/2010 8:00	316.69	4.5161	0.354	16.71	0.386	13.55	38.4343	105.5852156	105.624015	3.248671	105.624739	
2010	141	900	141.375000000		05/21/2010 9:00	317.07	4.5215	0.353	16.73	0.385	13.51	38.4218	105.5890469	105.627846	3.252519	105.628587	
2010	141	1000	141.416666667		05/21/2010 10:00	317.38	4.5259	0.352	16.72	0.384	13.51	38.4115	105.5921724	105.630972	3.255659	105.631727	
2010	141	1100	141.458333333		05/21/2010 11:00	317.98	4.5343	0.351	16.73	0.383	13.51	38.3917	105.5982218	105.637021	3.261736	105.637803	
2010	141	1200	141.500000000		05/21/2010 12:00	317.77	4.5313	0.35	16.71	0.382	13.53	38.3986	105.5961045	105.634904	3.259609	105.635677	
2010	141	1300	141.541666667		05/21/2010 13:00	318.51	4.5418	0.349	16.72	0.381	13.47	38.3741	105.6035654	105.642365	3.267103	105.643171	
2010	141	1400	141.583333333		05/21/2010 14:00	318.54	4.5422	0.348	16.72	0.38	13.43	38.3731	105.6038679	105.642667	3.267407	105.643475	
2010	141	1500	141.625000000		05/21/2010 15:00	319.72	4.5588	0.347	16.71	0.379	13.41	38.3341	105.615765	105.654564	3.279358	105.655425	
2010	141	1600	141.666666667		05/21/2010 16:00	319.79	4.5598	0.347	16.72	0.378	13.4	38.3318	105.6164708	105.655270	3.280067	105.656134	
2010	141	1700	141.708333333		05/21/2010 17:00	320.73	4.5730	0.345	16.71	0.377	13.41	38.3007	105.6259482	105.664747	3.289587	105.665654	
2010	141	1800	141.750000000		05/21/2010 18:00	321.37	4.5820	0.344	16.71	0.375	13.43	38.2795	105.6324009	105.671200	3.296068	105.672136	
2010	141	1900	141.791666667		05/21/2010 19:00	322.02	4.5912	0.343	16.73	0.374	13.46	38.2580	105.6389544	105.677754	3.302651	105.678719	
2010	141	2000	141.833333333		05/21/2010 20:00	322.5	4.5979	0.341	16.73	0.372	13.33	38.2421	105.6437939	105.682593	3.307513	105.683580	
2010	141	2100	141.875000000		05/21/2010 21:00	322.95	4.6043	0.339	16.72	0.37	13.26	38.2273	105.6483309	105.687130	3.312070	105.688138	
2010	141	2200	141.916666667		05/21/2010 22:00	323.36	4.6100	0.338	16.72	0.368	13.21	38.2137	105.6524647	105.691264	3.316222	105.692290	
2010	141	2300	141.958333333		05/21/2010 23:00	323.52	4.6123	0.342	16.7	0.373	13.16	38.2084	105.6540779	105.692877	3.317843	105.693911	
2010	141	2400	142.000000000		05/22/2010 0:00	323.66	4.6143	0.335	16.71	0.366	13.12	38.2038	105.6554894	105.694289	3.319261	105.695328	
2010	142	100	142.041666667		05/22/2010 1:00	323.7	4.6148	0.336	16.7	0.367	13.09	38.2025	105.6558927	105.694692	3.319666	105.695733	
2010	142	200	142.083333333		05/22/2010 2:00	323.72	4.6151	0.336	16.7	0.366	13.05	38.2018	105.6560943	105.694894	3.319868	105.695936	
2010	142	300	142.125000000		05/22/2010 3:00	323.82	4.6165	0.337	16.71	0.367	13.02	38.1985	105.6571026	105.695902	3.320881	105.696949	
2010	142	400	142.166666667		05/22/2010 4:00	323.87	4.6172	0.337	16.7	0.367	12.98	38.1968	105.6576067	105.696406	3.321387	105.697455	
2010	142	500	142.208333333		05/22/2010 5:00	323.51	4.6122	0.338	16.7	0.368	13.11	38.2087	105.6539771	105.692776	3.317742	105.693809	
2010	142	600	142.250000000		05/22/2010 6:00	323.63	4.6138	0.34	16.71	0.371	13.63	38.2048	105.6551869	105.693986	3.318957	105.695025	
2010	142	700	142.291666667		05/22/2010 7:00	323.46	4.6115	0.343	16.7	0.374	13.58	38.2104	105.6534729	105.692272	3.317235	105.693303	
2010	142	800	142.333333333		05/22/2010 8:00	323.14	4.6069	0.345	16.71	0.376	13.51	38.2210	105.6502466	105.689046	3.313994	105.690062	
2010	142	900	142.375000000		05/22/2010 9:00	323.27	4.6088	0.346	16.72	0.377	13.47	38.2167	105.6515573	105.690356	3.315311	105.691379	
2010	142	1000	142.416666667		05/22/2010 10:00	322.74	4.6013	0.346	16.71	0.377	13.44	38.2342	105.6462137	105.685013	3.309943	105.686011	
2010	142	1100	142.458333333		05/22/2010 11:00	322.25	4.5944	0.346	16.7	0.377	13.43	38.2504	105.6412733	105.680073	3.304981	105.681048	
2010	142	1200	142.500000000		05/22/2010 12:00	321.57	4.5848	0.345	16.69	0.377	13.4	38.2729	105.6344173	105.673217	3.298094	105.674162	
2010	142	1300	142.541666667		05/22/2010 13:00	320.93	4.5758	0.345	16.71	0.377	13.38	38.2941	105.6279646	105.666764	3.291612	105.667680	
2010	142	1400	142.583333333		05/22/2010 14:00	321.65	4.5860	0.345	16.7	0.376	13.35	38.2703	105.6352239	105.674023	3.298904	105.674972	
2010	142	1500	142.625000000		05/22/2010 15:00	321.08	4.5779	0.344	16.7	0.375	13.36	38.2891	105.629477	105.668276	3.293131	105.669199	
2010	142	1600	142.666666667		05/22/2010 16:00	320.41	4.5685	0.343	16.7	0.374	13.34	38.3113	105.6227218	105.661521	3.286346	105.662414	
2010	142	1700	142.708333333		05/22/2010 17:00	320.11	4.5643	0.343	16.72	0.374	13.34	38.3212	105.6196971	105.658496	3.283308	105.659375	
2010	142	1800	142.750000000		05/22/2010 18:00	320.22	4.5658	0.343	16.71	0.374	13.33	38.3176	105.6208062	105.659605	3.284422	105.660489	
2010	142	1900	142.791666667		05/22/2010 19:00	320.11	4.5643	0.343	16.7	0.374	13.3	38.3212	105.6196971	105.658496	3.283308	105.659375	
2010	142	2000	142.833333333		05/22/2010 20:00	319.9	4.5613	0.343	16.7	0.374	13.22	38.3282	105.6175798	105.656379	3.281181	105.657248	
2010	142	2100	142.875000000		05/22/2010 21:00	319.92	4.5616	0.343	16.71	0.374	13.16	38.3275	105.6177815	105.656581	3.281383	105.657451	
2010	142	2200	142.916666667		05/22/2010 22:00	319.98	4.5625	0.343	16.7	0.374	13.11	38.3255	105.6183864	105.657186	3.281991	105.658059	
2010	142	2300	142.958333333		05/22/2010 23:00	319.79	4.5598	0.343	16.69	0.374	13.07	38.3318	105.6164708	105.655270	3.280067	105.656134	
2010	142	2400	143.000000000		05/23/2010 0:00	319.66	4.5580	0.343	16.7	0.374	13.03	38.3361	105.6151601	105.653959	3.278750	105.654818	
2010	143	100	143.041666667		05/23/2010 1:00	319.3	4.5529	0.343	16.7	0.374	13	38.3480	105.6115304	105.650330	3.275104	105.651172	
2010	143	200	143.083333333		05/23/2010 2:00	318.86	4.5467	0.343	16.69	0.374	12.96	38.3626	105.6070942	105.645893	3.270648	105.646716	
2010	143	300	143.125000000		05/23/2010 3:00	318.36	4.5397	0.343	16.7	0.374	12.93	38.3791	105.6020531	105.640852	3.265584	105.641652	
2010	143	400	143.166666667		05/23/2010 4:00	318.01	4.5347	0.343	16.7	0.374	12.9	38.3907	105.5985242	105.637323	3.262039	105.638107	
2010	143	500	143.208333333		05/23/2010 5:00	317.33	4.5251	0.343	16.7	0.374	12.98	38.4132	105.5916683	105.630467	3.255153	105.631220	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	600	143.250000000		05/23/2010 6:00	316.83	4.5181	0.343	16.71	0.374	13.6	38.4297	105.5866271	105.625426	3.250089	105.626157	
2010	143	700	143.291666667		05/23/2010 7:00	316.63	4.5153	0.343	16.7	0.374	13.58	38.4363	105.5846106	105.623410	3.248063	105.624131	
2010	143	800	143.333333333		05/23/2010 8:00	315.66	4.5016	0.343	16.69	0.374	13.55	38.4684	105.5748308	105.613630	3.238239	105.614307	
2010	143	900	143.375000000		05/23/2010 9:00	315.39	4.4978	0.343	16.71	0.374	13.51	38.4773	105.5721085	105.610908	3.235505	105.611573	
2010	143	1000	143.416666667		05/23/2010 10:00	315.24	4.4957	0.344	16.72	0.375	13.45	38.4823	105.5705962	105.609395	3.233986	105.610054	
2010	143	1100	143.458333333		05/23/2010 11:00	314.96	4.4918	0.344	16.7	0.375	13.44	38.4916	105.5677731	105.606572	3.231150	105.607218	
2010	143	1200	143.500000000		05/23/2010 12:00	314.25	4.4818	0.344	16.7	0.375	13.43	38.5150	105.5606147	105.599414	3.223959	105.600027	
2010	143	1300	143.541666667		05/23/2010 13:00	313.63	4.4731	0.344	16.71	0.375	13.41	38.5356	105.5543636	105.593163	3.217680	105.593748	
2010	143	1400	143.583333333		05/23/2010 14:00	313.24	4.4676	0.345	16.7	0.376	13.4	38.5485	105.5504315	105.589231	3.213731	105.589798	
2010	143	1500	143.625000000		05/23/2010 15:00	313.09	4.4655	0.345	16.71	0.376	13.39	38.5534	105.5489192	105.587718	3.212211	105.588279	
2010	143	1600	143.666666667		05/23/2010 16:00	313.24	4.4676	0.345	16.71	0.376	13.39	38.5485	105.5504315	105.589231	3.213731	105.589798	
2010	143	1700	143.708333333		05/23/2010 17:00	312.53	4.4576	0.345	16.7	0.376	13.4	38.5719	105.5432731	105.582072	3.206540	105.582608	
2010	143	1800	143.750000000		05/23/2010 18:00	312.34	4.4549	0.345	16.71	0.376	13.43	38.5782	105.5413574	105.580157	3.204616	105.580683	
2010	143	1900	143.791666667		05/23/2010 19:00	312.2	4.4529	0.345	16.7	0.376	13.36	38.5829	105.5399459	105.578745	3.203198	105.579265	
2010	143	2000	143.833333333		05/23/2010 20:00	311.73	4.4463	0.345	16.72	0.376	13.28	38.5984	105.5352072	105.574006	3.198438	105.574505	
2010	143	2100	143.875000000		05/23/2010 21:00	311.48	4.4428	0.345	16.7	0.376	13.23	38.6067	105.5326866	105.571486	3.195906	105.571974	
2010	143	2200	143.916666667		05/23/2010 22:00	310.91	4.4348	0.345	16.71	0.377	13.17	38.6255	105.5269397	105.565739	3.190133	105.566201	
2010	143	2300	143.958333333		05/23/2010 23:00	310.52	4.4293	0.346	16.71	0.377	13.13	38.6384	105.5230076	105.561807	3.186183	105.562251	
2010	143	2400	144.000000000		05/24/2010 0:00	310.32	4.4265	0.346	16.7	0.377	13.09	38.6450	105.5209911	105.559790	3.184158	105.560225	
2010	144	100	144.041666667		05/24/2010 1:00	310.15	4.4241	0.346	16.72	0.377	13.06	38.6507	105.5192771	105.558076	3.182436	105.558504	
2010	144	200	144.083333333		05/24/2010 2:00	310.01	4.4221	0.346	16.72	0.377	13.02	38.6553	105.5178656	105.556665	3.181018	105.557086	
2010	144	300	144.125000000		05/24/2010 3:00	310	4.4220	0.346	16.71	0.377	12.98	38.6556	105.5177648	105.556564	3.180917	105.556985	
2010	144	400	144.166666667		05/24/2010 4:00	309.97	4.4215	0.346	16.71	0.377	12.95	38.6566	105.5174623	105.556262	3.180613	105.556681	
2010	144	500	144.208333333		05/24/2010 5:00	309.71	4.4179	0.346	16.7	0.377	12.99	38.6652	105.5148409	105.553640	3.177980	105.554048	
2010	144	600	144.250000000		05/24/2010 6:00	309.87	4.4201	0.346	16.7	0.377	13.6	38.6599	105.5164541	105.555253	3.179600	105.555668	
2010	144	700	144.291666667		05/24/2010 7:00	309.75	4.4184	0.346	16.69	0.377	13.54	38.6639	105.5152442	105.554043	3.178385	105.554453	
2010	144	800	144.333333333		05/24/2010 8:00	309.55	4.4156	0.346	16.71	0.378	13.5	38.6705	105.5132278	105.552027	3.176359	105.552427	
2010	144	900	144.375000000		05/24/2010 9:00	309.54	4.4155	0.346	16.69	0.378	13.45	38.6708	105.5131269	105.551926	3.176258	105.552326	
2010	144	1000	144.416666667		05/24/2010 10:00	309.24	4.4113	0.346	16.7	0.378	13.42	38.6808	105.5101022	105.548901	3.173220	105.549288	
2010	144	1100	144.458333333		05/24/2010 11:00	309.55	4.4156	0.346	16.7	0.378	13.4	38.6705	105.5132278	105.552027	3.176359	105.552427	
2010	144	1200	144.500000000		05/24/2010 12:00	309.49	4.4148	0.346	16.7	0.378	13.38	38.6725	105.5126228	105.551422	3.175752	105.551820	
2010	144	1300	144.541666667		05/24/2010 13:00	309.77	4.4187	0.346	16.7	0.378	13.35	38.6632	105.5154459	105.554245	3.178588	105.554655	
2010	144	1400	144.583333333		05/24/2010 14:00	309.43	4.4139	0.346	16.69	0.378	13.33	38.6745	105.5120179	105.550817	3.175144	105.551212	
2010	144	1500	144.625000000		05/24/2010 15:00	309.75	4.4184	0.346	16.7	0.378	13.3	38.6639	105.5152442	105.554043	3.178385	105.554453	
2010	144	1600	144.666666667		05/24/2010 16:00	310.06	4.4228	0.346	16.7	0.378	13.29	38.6536	105.5183697	105.557169	3.181525	105.557592	
2010	144	1700	144.708333333		05/24/2010 17:00	310.19	4.4246	0.347	16.69	0.378	13.29	38.6493	105.5196804	105.558480	3.182841	105.558909	
2010	144	1800	144.750000000		05/24/2010 18:00	310.94	4.4352	0.347	16.69	0.378	13.3	38.6245	105.5272422	105.566041	3.190437	105.566505	
2010	144	1900	144.791666667		05/24/2010 19:00	311.56	4.4439	0.346	16.7	0.378	13.28	38.6040	105.5334932	105.572292	3.196716	105.572784	
2010	144	2000	144.833333333		05/24/2010 20:00	312.16	4.4524	0.346	16.68	0.377	13.19	38.5842	105.5395426	105.578342	3.202793	105.578860	
2010	144	2100	144.875000000		05/24/2010 21:00	312.6	4.4586	0.345	16.71	0.377	13.13	38.5696	105.5439789	105.582778	3.207249	105.583317	
2010	144	2200	144.916666667		05/24/2010 22:00	313.07	4.4652	0.345	16.7	0.376	13.09	38.5541	105.5487175	105.587517	3.212009	105.588077	
2010	144	2300	144.958333333		05/24/2010 23:00	313.58	4.4724	0.344	16.71	0.375	13.06	38.5372	105.5538595	105.592659	3.217174	105.593242	
2010	144	2400	145.000000000		05/25/2010 0:00	314.02	4.4785	0.343	16.69	0.374	13.01	38.5227	105.5582958	105.597095	3.221630	105.597698	
2010	145	100	145.041666667		05/25/2010 1:00	314.46	4.4847	0.342	16.68	0.373	12.98	38.5081	105.562732	105.601531	3.226086	105.602154	
2010	145	200	145.083333333		05/25/2010 2:00	314.95	4.4916	0.341	16.68	0.372	12.94	38.4919	105.5676723	105.606472	3.231049	105.607117	
2010	145	300	145.125000000		05/25/2010 3:00	315.42	4.4983	0.341	16.69	0.371	12.91	38.4763	105.572411	105.611210	3.235809	105.611877	
2010	145	400	145.166666667		05/25/2010 4:00	315.84	4.5042	0.34	16.69	0.371	12.89	38.4624	105.5766456	105.615445	3.240062	105.616130	
2010	145	500	145.208333333		05/25/2010 5:00	315.71	4.5023	0.34	16.69	0.371	13.03	38.4667	105.5753349	105.614134	3.238746	105.614814	
2010	145	600	145.250000000		05/25/2010 6:00	316.08	4.5076	0.34	16.68	0.371	13.53	38.4545	105.5790654	105.617865	3.242493	105.618561	
2010	145	700	145.291666667		05/25/2010 7:00	316.08	4.5076	0.34	16.69	0.371	13.49	38.4545	105.5790654	105.617865	3.242493	105.618561	
2010	145	800	145.333333333		05/25/2010 8:00	316.63	4.5153	0.341	16.69	0.372	13.44	38.4363	105.5846106	105.623410	3.248063	105.624131	
2010	145	900	145.375000000		05/25/2010 9:00	316.4	4.5121	0.342	16.69	0.373	13.39	38.4439	105.5822917	105.621091	3.245734	105.621802	
2010	145	1000	145.416666667		05/25/2010 10:00	316.1	4.5078	0.343	16.69	0.374	13.35	38.4538	105.579267	105.618066	3.242696	105.618763	
2010	145	1100	145.458333333		05/25/2010 11:00	316.24	4.5098	0.344	16.68	0.375	13.31	38.4492	105.5806785	105.619478	3.244113	105.620181	
2010	145	1200	145.500000000		05/25/2010 12:00	315.31	4.4967	0.345	16.67	0.376	13.29	38.4800	105.571302	105.610101	3.234695	105.610762	
2010	145	1300	145.541666667		05/25/2010 13:00	316.17	4.5088	0.345	16.68	0.376	13.26	38.4515	105.5799728	105.618772	3.243405	105.619472	
2010	145	1400	145.583333333		05/25/2010 14:00	316.47	4.5130	0.345	16.68	0.376	13.25	38.4416	105.5829975	105.621797	3.246443	105.622511	
2010	145	1500	145.625000000		05/25/2010 15:00	316.47	4.5130	0.345	16.69	0.376	13.27	38.4416	105.5829975	105.621797	3.246443	105.622511	
2010	145	1600	145.666666667		05/25/2010 16:00	316.66	4.5157	0.345	16.69	0.376	13.28	38.4353	105.5849131	105.623712	3.248367	105.624435	
2010	145	1700	145.708333333		05/25/2010 17:00	316.42	4.5123	0.345	16.68	0.376	13.3	38.4433	105.5824933	105.621293	3.245936	105.622004	
2010	145	1800	145.750000000		05/25/2010 18:00	316.2	4.5092	0.345	16.7	0.376	13.32	38.4505	105.5802752	105.619074	3.243708	105.619776	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1900	145.791666667		05/25/2010 19:00	315.97	4.5060	0.345	16.69	0.376	13.26	38.4581	105.5779563	105.616756	3.241379	105.617447	
2010	145	2000	145.833333333		05/25/2010 20:00	315.67	4.5018	0.345	16.7	0.377	13.18	38.4681	105.5749316	105.613731	3.238341	105.614408	
2010	145	2100	145.875000000		05/25/2010 21:00	315.62	4.5011	0.345	16.68	0.377	13.13	38.4697	105.5744275	105.613227	3.237834	105.613902	
2010	145	2200	145.916666667		05/25/2010 22:00	315.36	4.4974	0.345	16.69	0.377	13.07	38.4783	105.5718061	105.610605	3.235201	105.611269	
2010	145	2300	145.958333333		05/25/2010 23:00	315.31	4.4967	0.345	16.68	0.377	13.03	38.4800	105.571302	105.610101	3.234695	105.610762	
2010	145	2400	146.000000000		05/26/2010 0:00	315.59	4.5007	0.345	16.68	0.377	13	38.4707	105.574125	105.612924	3.237531	105.613598	
2010	146	100	146.041666667		05/26/2010 1:00	315.84	4.5042	0.345	16.69	0.377	12.96	38.4624	105.5766456	105.615445	3.240062	105.616130	
2010	146	200	146.083333333		05/26/2010 2:00	316.03	4.5068	0.345	16.68	0.377	12.93	38.4562	105.5785612	105.617360	3.241987	105.618054	
2010	146	300	146.125000000		05/26/2010 3:00	316.29	4.5105	0.341	16.71	0.372	12.89	38.4476	105.5811826	105.619982	3.244620	105.620688	
2010	146	400	146.166666667		05/26/2010 4:00	316.46	4.5129	0.341	16.68	0.372	12.86	38.4419	105.5828966	105.621696	3.246342	105.622409	
2010	146	500	146.208333333		05/26/2010 5:00	316.47	4.5130	0.342	16.68	0.373	12.83	38.4416	105.5829975	105.621797	3.246443	105.622511	
2010	146	600	146.250000000		05/26/2010 6:00	316.37	4.5116	0.343	16.67	0.375	12.83	38.4449	105.5819892	105.620788	3.245430	105.621498	
2010	146	700	146.291666667		05/26/2010 7:00	316	4.5064	0.345	16.68	0.376	13.23	38.4572	105.5782588	105.617058	3.241683	105.617751	
2010	146	800	146.333333333		05/26/2010 8:00	315.6	4.5008	0.345	16.68	0.376	13.51	38.4704	105.5742258	105.613025	3.237632	105.613699	
2010	146	900	146.375000000		05/26/2010 9:00	314.98	4.4921	0.345	16.68	0.376	13.52	38.4909	105.5679748	105.606774	3.231353	105.607420	
2010	146	1000	146.416666667		05/26/2010 10:00	314.23	4.4815	0.345	16.7	0.376	13.49	38.5157	105.560413	105.599212	3.223757	105.599825	
2010	146	1100	146.458333333		05/26/2010 11:00	312.95	4.4635	0.344	16.69	0.375	13.43	38.5580	105.5475077	105.586307	3.210794	105.586861	
2010	146	1200	146.500000000		05/26/2010 12:00	312.83	4.4618	0.344	16.69	0.375	13.41	38.5620	105.5462978	105.585097	3.209578	105.585646	
2010	146	1300	146.541666667		05/26/2010 13:00	312.44	4.4563	0.344	16.69	0.375	13.37	38.5749	105.5423657	105.581165	3.205628	105.581696	
2010	146	1400	146.583333333		05/26/2010 14:00	311.84	4.4479	0.344	16.7	0.375	13.34	38.5948	105.5363163	105.575115	3.199552	105.575620	
2010	146	1500	146.625000000		05/26/2010 15:00	310.67	4.4314	0.344	16.69	0.375	13.31	38.6335	105.52452	105.563319	3.187702	105.563770	
2010	146	1600	146.666666667		05/26/2010 16:00	309.97	4.4215	0.344	16.69	0.375	13.27	38.6566	105.5174623	105.556262	3.180613	105.556681	
2010	146	1700	146.708333333		05/26/2010 17:00	310.21	4.4249	0.344	16.69	0.375	13.26	38.6487	105.5198821	105.558681	3.183044	105.559111	
2010	146	1800	146.750000000		05/26/2010 18:00	309.49	4.4148	0.344	16.68	0.375	13.31	38.6725	105.5126228	105.551422	3.175752	105.551820	
2010	146	1900	146.791666667		05/26/2010 19:00	309.28	4.4118	0.344	16.7	0.375	13.26	38.6794	105.5105055	105.549305	3.173625	105.549693	
2010	146	2000	146.833333333		05/26/2010 20:00	308.42	4.3997	0.345	16.71	0.376	13.18	38.7079	105.5018347	105.540634	3.164915	105.540983	
2010	146	2100	146.875000000		05/26/2010 21:00	307.91	4.3925	0.345	16.7	0.376	13.12	38.7248	105.4966927	105.535492	3.159750	105.535818	
2010	146	2200	146.916666667		05/26/2010 22:00	307.39	4.3852	0.345	16.72	0.376	13.08	38.7420	105.4914499	105.530249	3.154484	105.530551	
2010	146	2300	146.958333333		05/26/2010 23:00	306.86	4.3777	0.345	16.72	0.376	13.04	38.7595	105.4861063	105.524905	3.149116	105.525184	
2010	146	2400	147.000000000		05/27/2010 0:00	306.48	4.3724	0.346	16.72	0.377	12.99	38.7721	105.482275	105.521074	3.145268	105.521335	
2010	147	100	147.041666667		05/27/2010 1:00	306.13	4.3675	0.346	16.72	0.377	12.96	38.7836	105.4787462	105.517545	3.141723	105.517791	
2010	147	200	147.083333333		05/27/2010 2:00	306.13	4.3675	0.345	16.72	0.376	12.93	38.7836	105.4787462	105.517545	3.141723	105.517791	
2010	147	300	147.125000000		05/27/2010 3:00	306.36	4.3707	0.346	16.73	0.377	12.9	38.7760	105.4810651	105.519864	3.144052	105.520120	
2010	147	400	147.166666667		05/27/2010 4:00	306.79	4.3768	0.347	16.71	0.378	12.87	38.7618	105.4854005	105.524200	3.148407	105.524475	
2010	147	500	147.208333333		05/27/2010 5:00	307.2	4.3825	0.347	16.71	0.379	12.83	38.7482	105.4895343	105.528333	3.152559	105.528627	
2010	147	600	147.250000000		05/27/2010 6:00	307.65	4.3889	0.347	16.69	0.379	13.26	38.7334	105.4940713	105.532871	3.157117	105.533185	
2010	147	700	147.291666667		05/27/2010 7:00	308.13	4.3956	0.346	16.7	0.378	13.5	38.7175	105.4989108	105.537710	3.161978	105.538046	
2010	147	800	147.333333333		05/27/2010 8:00	308.55	4.4015	0.346	16.7	0.378	13.47	38.7036	105.5031454	105.541945	3.166232	105.542300	
2010	147	900	147.375000000		05/27/2010 9:00	309.23	4.4111	0.346	16.7	0.378	13.45	38.6811	105.5100014	105.548801	3.173119	105.549186	
2010	147	1000	147.416666667		05/27/2010 10:00	309.63	4.4167	0.346	16.69	0.377	13.44	38.6679	105.5140343	105.552834	3.177170	105.553237	
2010	147	1100	147.458333333		05/27/2010 11:00	310.2	4.4248	0.345	16.69	0.376	13.41	38.6490	105.5197813	105.558580	3.182942	105.559010	
2010	147	1200	147.500000000		05/27/2010 12:00	310.54	4.4296	0.344	16.69	0.375	13.41	38.6378	105.5232093	105.562008	3.186386	105.562454	
2010	147	1300	147.541666667		05/27/2010 13:00	311.35	4.4410	0.344	16.68	0.375	13.45	38.6110	105.5313759	105.570175	3.194589	105.570657	
2010	147	1400	147.583333333		05/27/2010 14:00	311.21	4.4390	0.343	16.69	0.374	13.49	38.6156	105.5299644	105.568764	3.193171	105.569239	
2010	147	1500	147.625000000		05/27/2010 15:00	311.01	4.4362	0.343	16.69	0.374	13.47	38.6222	105.5279479	105.566747	3.191146	105.567214	
2010	147	1600	147.666666667		05/27/2010 16:00	311.35	4.4410	0.344	16.69	0.376	13.44	38.6110	105.5313759	105.570175	3.194589	105.570657	
2010	147	1700	147.708333333		05/27/2010 17:00	311.11	4.4376	0.345	16.68	0.376	13.47	38.6189	105.5289562	105.567755	3.192159	105.568226	
2010	147	1800	147.750000000		05/27/2010 18:00	310.46	4.4284	0.346	16.7	0.377	13.42	38.6404	105.5224027	105.561202	3.185576	105.561643	
2010	147	1900	147.791666667		05/27/2010 19:00	310.01	4.4221	0.346	16.69	0.378	13.33	38.6553	105.5178656	105.556665	3.181018	105.557086	
2010	147	2000	147.833333333		05/27/2010 20:00	309.13	4.4097	0.346	16.68	0.378	13.27	38.6844	105.5089932	105.547792	3.172106	105.548174	
2010	147	2100	147.875000000		05/27/2010 21:00	308.31	4.3982	0.346	16.68	0.378	13.22	38.7115	105.5007257	105.539525	3.163801	105.539869	
2010	147	2200	147.916666667		05/27/2010 22:00	307.4	4.3853	0.346	16.69	0.377	13.17	38.7416	105.4915507	105.530350	3.154585	105.530653	
2010	147	2300	147.958333333		05/27/2010 23:00	306.44	4.3718	0.346	16.68	0.377	13.13	38.7734	105.4818717	105.520671	3.144862	105.520930	
2010	147	2400	148.000000000		05/28/2010 0:00	305.55	4.3593	0.346	16.68	0.377	13.09	38.8028	105.4728984	105.511698	3.135849	105.511917	
2010	148	100	148.041666667		05/28/2010 1:00	304.72	4.3476	0.346	16.69	0.377	13.06	38.8303	105.4645301	105.503329	3.127443	105.503511	
2010	148	200	148.083333333		05/28/2010 2:00	304.07	4.3385	0.346	16.7	0.377	13.02	38.8518	105.4579766	105.496776	3.120860	105.496928	
2010	148	300	148.125000000		05/28/2010 3:00	303.49	4.3303	0.346	16.71	0.377	12.99	38.8710	105.4521288	105.490928	3.114986	105.491054	
2010	148	400	148.166666667		05/28/2010 4:00	302.98	4.3231	0.347	16.73	0.378	12.96	38.8878	105.4469869	105.485786	3.109821	105.485888	
2010	148	500	148.208333333		05/28/2010 5:00	302.5	4.3164	0.348	16.73	0.379	12.93	38.9037	105.4421473	105.480947	3.104960	105.481027	
2010	148	600	148.250000000		05/28/2010 6:00	302.12	4.3110	0.349	16.73	0.381	13.1	38.9163	105.4383161	105.477115	3.101111	105.477179	
2010	148	700	148.291666667		05/28/2010 7:00	301.65	4.3044	0.35	16.72	0.382	13.52	38.9318	105.4335774	105.472377	3.096351	105.472419	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	800	148.333333333		05/28/2010 8:00	301.2	4.2981	0.351	16.72	0.383	13.53	38.9467	105.4290403	105.467840	3.091794	105.467861	
2010	148	900	148.375000000		05/28/2010 9:00	300.9	4.2938	0.352	16.72	0.383	13.52	38.9566	105.4260156	105.464815	3.088755	105.464823	
2010	148	1000	148.416666667		05/28/2010 10:00	300.82	4.2927	0.352	16.73	0.384	13.49	38.9593	105.425209	105.464008	3.087945	105.464013	
2010	148	1100	148.458333333		05/28/2010 11:00	301.28	4.2992	0.353	16.73	0.385	13.46	38.9441	105.4298469	105.468646	3.092604	105.468671	
2010	148	1200	148.500000000		05/28/2010 12:00	300.95	4.2945	0.354	16.72	0.386	13.49	38.9550	105.4265197	105.465319	3.089262	105.465329	
2010	148	1300	148.541666667		05/28/2010 13:00	300.66	4.2905	0.354	16.7	0.386	13.43	38.9646	105.4235959	105.462395	3.086325	105.462392	
2010	148	1400	148.583333333		05/28/2010 14:00	300.9	4.2938	0.354	16.72	0.386	13.4	38.9566	105.4260156	105.464815	3.088755	105.464823	
2010	148	1500	148.625000000		05/28/2010 15:00	300.5	4.2882	0.354	16.71	0.387	13.45	38.9699	105.4219827	105.460782	3.084704	105.460772	
2010	148	1600	148.666666667		05/28/2010 16:00	300.08	4.2823	0.355	16.71	0.387	13.43	38.9838	105.4177481	105.456547	3.080451	105.456518	
2010	148	1700	148.708333333		05/28/2010 17:00	299.5	4.2741	0.355	16.72	0.387	13.51	39.0030	105.4119004	105.450700	3.074577	105.450644	
2010	148	1800	148.750000000		05/28/2010 18:00	298.67	4.2624	0.355	16.7	0.387	13.51	39.0304	105.403532	105.442331	3.066171	105.442238	
2010	148	1900	148.791666667		05/28/2010 19:00	298	4.2530	0.355	16.72	0.387	13.49	39.0526	105.3967769	105.435576	3.059385	105.435453	
2010	148	2000	148.833333333		05/28/2010 20:00	297.19	4.2416	0.356	16.73	0.388	13.38	39.0794	105.3886102	105.427409	3.051182	105.427249	
2010	148	2100	148.875000000		05/28/2010 21:00	296.4	4.2305	0.358	16.73	0.39	13.31	39.1055	105.3806451	105.419444	3.043181	105.419249	
2010	148	2200	148.916666667		05/28/2010 22:00	295.75	4.2213	0.359	16.71	0.391	13.26	39.1270	105.3740916	105.412891	3.036598	105.412666	
2010	148	2300	148.958333333		05/28/2010 23:00	295.12	4.2125	0.36	16.73	0.393	13.21	39.1478	105.3677398	105.406539	3.030217	105.406285	
2010	148	2400	149.000000000		05/29/2010 0:00	294.45	4.2030	0.361	16.73	0.394	13.17	39.1700	105.3609846	105.399784	3.023432	105.399500	
2010	149	100	149.041666667		05/29/2010 1:00	294.03	4.1971	0.363	16.74	0.395	13.13	39.1839	105.35675	105.395549	3.019178	105.395246	
2010	149	200	149.083333333		05/29/2010 2:00	293.79	4.1937	0.363	16.72	0.396	13.09	39.1918	105.3543303	105.393129	3.016748	105.392815	
2010	149	300	149.125000000		05/29/2010 3:00	293.4	4.1882	0.364	16.74	0.397	13.06	39.2047	105.3503982	105.389197	3.012798	105.388866	
2010	149	400	149.166666667		05/29/2010 4:00	293.15	4.1847	0.365	16.73	0.398	13.02	39.2130	105.3478776	105.386677	3.010266	105.386334	
2010	149	500	149.208333333		05/29/2010 5:00	292.88	4.1809	0.365	16.72	0.398	13.08	39.2219	105.3451553	105.383955	3.007531	105.383599	
2010	149	600	149.250000000		05/29/2010 6:00	292.68	4.1781	0.366	16.72	0.399	13.56	39.2285	105.3431389	105.381938	3.005506	105.381574	
2010	149	700	149.291666667		05/29/2010 7:00	292.7	4.1784	0.366	16.73	0.399	13.54	39.2279	105.3433405	105.382140	3.005709	105.381776	
2010	149	800	149.333333333		05/29/2010 8:00	292.18	4.1711	0.366	16.73	0.399	13.49	39.2451	105.3380977	105.376897	3.000442	105.376510	
2010	149	900	149.375000000		05/29/2010 9:00	292.48	4.1753	0.367	16.71	0.4	13.45	39.2352	105.3411224	105.379922	3.003480	105.379548	
2010	149	1000	149.416666667		05/29/2010 10:00	292.63	4.1774	0.367	16.7	0.4	13.41	39.2302	105.3426348	105.381434	3.005000	105.381067	
2010	149	1100	149.458333333		05/29/2010 11:00	293.31	4.1870	0.367	16.7	0.4	13.39	39.2077	105.3494907	105.388290	3.011886	105.387954	
2010	149	1200	149.500000000		05/29/2010 12:00	293.66	4.1919	0.367	16.7	0.4	13.37	39.1961	105.3530196	105.391819	3.015431	105.391499	
2010	149	1300	149.541666667		05/29/2010 13:00	293.87	4.1949	0.367	16.69	0.4	13.36	39.1892	105.3551368	105.393936	3.017558	105.393626	
2010	149	1400	149.583333333		05/29/2010 14:00	294.61	4.2053	0.367	16.69	0.401	13.35	39.1647	105.3625978	105.401397	3.025052	105.401120	
2010	149	1500	149.625000000		05/29/2010 15:00	295.01	4.2109	0.367	16.69	0.401	13.36	39.1515	105.3666307	105.405430	3.029103	105.405171	
2010	149	1600	149.666666667		05/29/2010 16:00	295.3	4.2150	0.367	16.68	0.401	13.35	39.1419	105.3695546	105.408354	3.032040	105.408108	
2010	149	1700	149.708333333		05/29/2010 17:00	295.49	4.2177	0.367	16.69	0.401	13.36	39.1356	105.3714702	105.410269	3.033965	105.410032	
2010	149	1800	149.750000000		05/29/2010 18:00	295.92	4.2237	0.367	16.68	0.401	13.37	39.1214	105.3758056	105.414605	3.038320	105.414387	
2010	149	1900	149.791666667		05/29/2010 19:00	296.04	4.2254	0.367	16.68	0.401	13.35	39.1174	105.3770155	105.415815	3.039535	105.415603	
2010	149	2000	149.833333333		05/29/2010 20:00	296.48	4.2316	0.367	16.68	0.401	13.26	39.1028	105.3814517	105.420251	3.043991	105.420059	
2010	149	2100	149.875000000		05/29/2010 21:00	296.55	4.2326	0.366	16.68	0.4	13.19	39.1005	105.3821575	105.420957	3.044700	105.420768	
2010	149	2200	149.916666667		05/29/2010 22:00	296.62	4.2336	0.365	16.67	0.399	13.13	39.0982	105.3828632	105.421662	3.045409	105.421477	
2010	149	2300	149.958333333		05/29/2010 23:00	296.58	4.2330	0.365	16.67	0.398	13.09	39.0995	105.38246	105.421259	3.045004	105.421072	
2010	149	2400	150.000000000		05/30/2010 0:00	296.58	4.2330	0.365	16.66	0.398	13.05	39.0995	105.38246	105.421259	3.045004	105.421072	
2010	150	100	150.041666667		05/30/2010 1:00	296.65	4.2340	0.365	16.67	0.398	13.02	39.0972	105.3831657	105.421965	3.045713	105.421780	
2010	150	200	150.083333333		05/30/2010 2:00	296.79	4.2360	0.365	16.66	0.398	12.98	39.0926	105.3845772	105.423376	3.047131	105.423198	
2010	150	300	150.125000000		05/30/2010 3:00	297.09	4.2402	0.364	16.67	0.397	12.95	39.0827	105.3876019	105.426401	3.050169	105.426237	
2010	150	400	150.166666667		05/30/2010 4:00	297.51	4.2461	0.363	16.67	0.396	12.92	39.0688	105.3918365	105.430636	3.054423	105.430490	
2010	150	500	150.208333333		05/30/2010 5:00	297.72	4.2491	0.362	16.67	0.395	13.02	39.0618	105.3939538	105.432753	3.056549	105.432617	
2010	150	600	150.250000000		05/30/2010 6:00	298.19	4.2557	0.361	16.65	0.394	13.53	39.0463	105.3986925	105.437492	3.061309	105.437377	
2010	150	700	150.291666667		05/30/2010 7:00	298.91	4.2658	0.361	16.65	0.394	13.49	39.0225	105.4059518	105.444751	3.068601	105.444669	
2010	150	800	150.333333333		05/30/2010 8:00	299.01	4.2672	0.36	16.65	0.393	13.46	39.0192	105.40696	105.445759	3.069614	105.445682	
2010	150	900	150.375000000		05/30/2010 9:00	298.99	4.2669	0.361	16.65	0.393	13.43	39.0198	105.4067584	105.445558	3.069411	105.445479	
2010	150	1000	150.416666667		05/30/2010 10:00	299.21	4.2700	0.361	16.64	0.394	13.39	39.0125	105.4089765	105.447776	3.071640	105.447707	
2010	150	1100	150.458333333		05/30/2010 11:00	298.53	4.2605	0.361	16.65	0.394	13.37	39.0350	105.4021205	105.440920	3.064753	105.440820	
2010	150	1200	150.500000000		05/30/2010 12:00	299.99	4.2810	0.362	16.65	0.395	13.33	38.9867	105.4168407	105.455640	3.079539	105.455607	
2010	150	1300	150.541666667		05/30/2010 13:00	300.02	4.2814	0.362	16.64	0.396	13.31	38.9858	105.4171432	105.455942	3.079843	105.455911	
2010	150	1400	150.583333333		05/30/2010 14:00	298.63	4.2619	0.363	16.64	0.396	13.29	39.0317	105.4031287	105.441928	3.065765	105.441833	
2010	150	1500	150.625000000		05/30/2010 15:00	299.8	4.2783	0.363	16.66	0.396	13.27	38.9930	105.4149251	105.453724	3.077615	105.453683	
2010	150	1600	150.666666667		05/30/2010 16:00	299.41	4.2729	0.363	16.65	0.397	13.27	39.0059	105.4109929	105.449792	3.073665	105.449733	
2010	150	1700	150.708333333		05/30/2010 17:00	299.37	4.2723	0.364	16.65	0.397	13.28	39.0073	105.4105897	105.449389	3.073260	105.449328	
2010	150	1800	150.750000000		05/30/2010 18:00	298.91	4.2658	0.364	16.66	0.397	13.29	39.0225	105.4059518	105.444751	3.068601	105.444669	
2010	150	1900	150.791666667		05/30/2010 19:00	298.5	4.2600	0.364	16.63	0.398	13.25	39.0360	105.401818	105.440617	3.064449	105.440517	
2010	150	2000	150.833333333		05/30/2010 20:00	297.79	4.2500	0.364	16.64	0.398	13.18	39.0595	105.3946596	105.433459	3.057258	105.433326	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	297.07	4.2399	0.365	16.65	0.398	13.12	39.0833	105.3874003	105.426200	3.049966	105.426034	
2010	150	2200	150.916666667		05/30/2010 22:00	296.33	4.2295	0.365	16.66	0.398	13.07	39.1078	105.3799394	105.418739	3.042472	105.418540	
2010	150	2300	150.958333333		05/30/2010 23:00	295.48	4.2175	0.365	16.66	0.398	13.02	39.1359	105.3713694	105.410169	3.033863	105.409931	
2010	150	2400	151.000000000		05/31/2010 0:00	294.77	4.2075	0.365	16.66	0.398	12.99	39.1594	105.3642109	105.403010	3.026673	105.402740	
2010	151	100	151.041666667		05/31/2010 1:00	294.1	4.1981	0.365	16.68	0.398	12.95	39.1816	105.3574558	105.396255	3.019887	105.395955	
2010	151	200	151.083333333		05/31/2010 2:00	293.68	4.1922	0.365	16.66	0.398	12.91	39.1955	105.3532212	105.392020	3.015634	105.391701	
2010	151	300	151.125000000		05/31/2010 3:00	293.32	4.1871	0.365	16.67	0.398	12.88	39.2074	105.3495916	105.388391	3.011988	105.388055	
2010	151	400	151.166666667		05/31/2010 4:00	293.04	4.1832	0.365	16.67	0.398	12.85	39.2166	105.3467685	105.385568	3.009152	105.385220	
2010	151	500	151.208333333		05/31/2010 5:00	292.81	4.1799	0.364	16.68	0.398	12.85	39.2242	105.3444496	105.383249	3.006823	105.382890	
2010	151	600	151.250000000		05/31/2010 6:00	292.62	4.1773	0.364	16.65	0.398	13.21	39.2305	105.3425339	105.381333	3.004898	105.380966	
2010	151	700	151.291666667		05/31/2010 7:00	292.23	4.1718	0.365	16.65	0.398	13.43	39.2434	105.3386018	105.377401	3.000949	105.377016	
2010	151	800	151.333333333		05/31/2010 8:00	292.57	4.1766	0.364	16.67	0.398	13.41	39.2322	105.3420298	105.380829	3.004392	105.380460	
2010	151	900	151.375000000		05/31/2010 9:00	291.97	4.1681	0.365	16.67	0.398	13.39	39.2520	105.3359804	105.374780	2.998315	105.374383	
2010	151	1000	151.416666667		05/31/2010 10:00	292.34	4.1733	0.365	16.65	0.398	13.34	39.2398	105.3397109	105.378510	3.002063	105.378130	
2010	151	1100	151.458333333		05/31/2010 11:00	292.27	4.1723	0.365	16.66	0.398	13.32	39.2421	105.3390051	105.377804	3.001354	105.377421	
2010	151	1200	151.500000000		05/31/2010 12:00	291.69	4.1642	0.365	16.66	0.398	13.3	39.2613	105.3331574	105.371957	2.995480	105.371547	
2010	151	1300	151.541666667		05/31/2010 13:00	291.94	4.1677	0.365	16.65	0.398	13.29	39.2530	105.335678	105.374477	2.998011	105.374079	
2010	151	1400	151.583333333		05/31/2010 14:00	291.22	4.1575	0.365	16.66	0.399	13.26	39.2768	105.3284187	105.367218	2.990720	105.366787	
2010	151	1500	151.625000000		05/31/2010 15:00	290.92	4.1533	0.365	16.67	0.398	13.24	39.2868	105.325394	105.364193	2.987681	105.363749	
2010	151	1600	151.666666667		05/31/2010 16:00	290.99	4.1543	0.365	16.66	0.399	13.25	39.2844	105.3260997	105.364899	2.988390	105.364458	
2010	151	1700	151.708333333		05/31/2010 17:00	291.32	4.1590	0.366	16.67	0.399	13.27	39.2735	105.3294269	105.368226	2.991732	105.367800	
2010	151	1800	151.750000000		05/31/2010 18:00	290.97	4.1540	0.366	16.66	0.399	13.32	39.2851	105.3258981	105.364697	2.988188	105.364255	
2010	151	1900	151.791666667		05/31/2010 19:00	290.84	4.1522	0.366	16.67	0.399	13.33	39.2894	105.3245874	105.363387	2.986871	105.362939	
2010	151	2000	151.833333333		05/31/2010 20:00	290.77	4.1512	0.367	16.64	0.4	13.22	39.2917	105.3238816	105.362681	2.986162	105.362230	
2010	151	2100	151.875000000		05/31/2010 21:00	290.49	4.1473	0.367	16.66	0.4	13.15	39.3010	105.3210586	105.359858	2.983326	105.359394	
2010	151	2200	151.916666667		05/31/2010 22:00	290.37	4.1456	0.367	16.68	0.4	13.11	39.3050	105.3198487	105.358648	2.982111	105.358179	
2010	151	2300	151.958333333		05/31/2010 23:00	290.12	4.1421	0.367	16.66	0.4	13.06	39.3132	105.3173281	105.356127	2.979579	105.355647	
2010	151	2400	152.000000000		06/01/2010 0:00	290.04	4.1409	0.367	16.68	0.4	13.02	39.3159	105.3165215	105.355321	2.978769	105.354837	
2010	152	100	152.041666667		06/01/2010 1:00	289.87	4.1385	0.367	16.67	0.4	12.98	39.3215	105.3148075	105.353607	2.977047	105.353115	
2010	152	200	152.083333333		06/01/2010 2:00	289.71	4.1363	0.367	16.66	0.401	12.94	39.3268	105.3131944	105.351994	2.975427	105.351495	
2010	152	300	152.125000000		06/01/2010 3:00	289.6	4.1347	0.367	16.65	0.401	12.91	39.3304	105.3120853	105.350885	2.974313	105.350380	
2010	152	400	152.166666667		06/01/2010 4:00	289.58	4.1345	0.367	16.66	0.401	12.88	39.3311	105.3118837	105.350683	2.974110	105.350178	
2010	152	500	152.208333333		06/01/2010 5:00	289.21	4.1292	0.368	16.66	0.401	12.93	39.3433	105.3081532	105.346952	2.970363	105.346431	
2010	152	600	152.250000000		06/01/2010 6:00	289.13	4.1281	0.368	16.66	0.401	13.47	39.3460	105.3073466	105.346146	2.969553	105.345620	
2010	152	700	152.291666667		06/01/2010 7:00	289.65	4.1354	0.368	16.66	0.401	13.42	39.3288	105.3125894	105.351389	2.974819	105.350887	
2010	152	800	152.333333333		06/01/2010 8:00	289.7	4.1361	0.368	16.65	0.401	13.39	39.3271	105.3130935	105.351893	2.975326	105.351393	
2010	152	900	152.375000000		06/01/2010 9:00	289.41	4.1321	0.368	16.66	0.401	13.37	39.3367	105.3101697	105.348969	2.972389	105.348456	
2010	152	1000	152.416666667		06/01/2010 10:00	290.28	4.1443	0.368	16.63	0.402	13.33	39.3079	105.3189413	105.357740	2.981200	105.357267	
2010	152	1100	152.458333333		06/01/2010 11:00	291.37	4.1597	0.368	16.63	0.402	13.31	39.2719	105.329931	105.368730	2.992239	105.368306	
2010	152	1200	152.500000000		06/01/2010 12:00	291.58	4.1626	0.368	16.64	0.402	13.29	39.2649	105.3320483	105.370848	2.994366	105.370433	
2010	152	1300	152.541666667		06/01/2010 13:00	292.25	4.1720	0.368	16.64	0.402	13.28	39.2428	105.3388035	105.377603	3.001151	105.377219	
2010	152	1400	152.583333333		06/01/2010 14:00	292.56	4.1764	0.367	16.64	0.401	13.27	39.2325	105.341929	105.380728	3.004291	105.380358	
2010	152	1500	152.625000000		06/01/2010 15:00	293.22	4.1857	0.366	16.64	0.399	13.27	39.2107	105.3485833	105.387383	3.010975	105.387043	
2010	152	1600	152.666666667		06/01/2010 16:00	293.83	4.1943	0.365	16.62	0.399	13.27	39.1905	105.3547336	105.393533	3.017153	105.393220	
2010	152	1700	152.708333333		06/01/2010 17:00	294.35	4.2016	0.365	16.63	0.398	13.28	39.1733	105.3599764	105.398776	3.022419	105.398487	
2010	152	1800	152.750000000		06/01/2010 18:00	294.57	4.2047	0.364	16.61	0.398	13.29	39.1660	105.3621945	105.400994	3.024647	105.400715	
2010	152	1900	152.791666667		06/01/2010 19:00	294.7	4.2065	0.364	16.63	0.397	13.27	39.1617	105.3635052	105.402304	3.025964	105.402032	
2010	152	2000	152.833333333		06/01/2010 20:00	294.83	4.2084	0.364	16.63	0.397	13.18	39.1574	105.3648159	105.403615	3.027280	105.403348	
2010	152	2100	152.875000000		06/01/2010 21:00	294.94	4.2099	0.364	16.62	0.397	13.13	39.1538	105.3659249	105.404724	3.028394	105.404462	
2010	152	2200	152.916666667		06/01/2010 22:00	294.95	4.2101	0.364	16.62	0.397	13.08	39.1535	105.3660258	105.404825	3.028496	105.404563	
2010	152	2300	152.958333333		06/01/2010 23:00	295.02	4.2110	0.364	16.63	0.397	13.03	39.1511	105.3667315	105.405531	3.029205	105.405272	
2010	152	2400	153.000000000		06/02/2010 0:00	295.28	4.2147	0.364	16.62	0.397	12.99	39.1425	105.3693529	105.408152	3.031838	105.407906	
2010	153	100	153.041666667		06/02/2010 1:00	295.66	4.2201	0.363	16.64	0.397	12.95	39.1300	105.3731842	105.411983	3.035686	105.411754	
2010	153	200	153.083333333		06/02/2010 2:00	296.26	4.2285	0.362	16.62	0.395	12.91	39.1101	105.3792336	105.418033	3.041763	105.417831	
2010	153	300	153.125000000		06/02/2010 3:00	297.09	4.2402	0.361	16.61	0.394	12.89	39.0827	105.3876019	105.426401	3.050169	105.426237	
2010	153	400	153.166666667		06/02/2010 4:00	298.41	4.2588	0.36	16.62	0.392	12.85	39.0390	105.4009106	105.439710	3.063537	105.439605	
2010	153	500	153.208333333		06/02/2010 5:00	299.56	4.2750	0.359	16.62	0.392	12.82	39.0010	105.4125053	105.451304	3.075184	105.451252	
2010	153	600	153.250000000		06/02/2010 6:00	300.86	4.2933	0.358	16.63	0.391	12.92	38.9580	105.4256123	105.464412	3.088350	105.464418	
2010	153	700	153.291666667		06/02/2010 7:00	302.06	4.3102	0.358	16.61	0.391	13.23	38.9183	105.4377111	105.476510	3.100503	105.476571	
2010	153	800	153.333333333		06/02/2010 8:00	303.12	4.3251	0.358	16.62	0.391	13.48	38.8832	105.4483984	105.487198	3.111239	105.487306	
2010	153	900	153.375000000		06/02/2010 9:00	303.89	4.3359	0.358	16.62	0.39	13.48	38.8577	105.4561618	105.494961	3.119037	105.495105	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1000	153.416666667		06/02/2010 10:00	304.62	4.3462	0.356	16.62	0.389	13.46	38.8336	105.4635219	105.502321	3.126430	105.502498	
2010	153	1100	153.458333333		06/02/2010 11:00	305.35	4.3565	0.356	16.61	0.388	13.43	38.8094	105.470882	105.509681	3.133823	105.509891	
2010	153	1200	153.500000000		06/02/2010 12:00	305.82	4.3631	0.355	16.61	0.388	13.4	38.7939	105.4756207	105.514420	3.138583	105.514651	
2010	153	1300	153.541666667		06/02/2010 13:00	306.33	4.3703	0.354	16.62	0.387	13.39	38.7770	105.4807627	105.519562	3.143748	105.519816	
2010	153	1400	153.583333333		06/02/2010 14:00	307.14	4.3817	0.354	16.64	0.387	13.37	38.7502	105.4889293	105.527729	3.151952	105.528020	
2010	153	1500	153.625000000		06/02/2010 15:00	307.85	4.3917	0.354	16.6	0.386	13.39	38.7267	105.4960878	105.534887	3.159142	105.535210	
2010	153	1600	153.666666667		06/02/2010 16:00	308.36	4.3989	0.352	16.62	0.384	13.41	38.7099	105.5012298	105.540029	3.164308	105.540375	
2010	153	1700	153.708333333		06/02/2010 17:00	309.29	4.4120	0.349	16.61	0.381	13.39	38.6791	105.5106063	105.549406	3.173726	105.549794	
2010	153	1800	153.750000000		06/02/2010 18:00	310.23	4.4252	0.347	16.62	0.379	13.39	38.6480	105.5200837	105.558883	3.183246	105.559314	
2010	153	1900	153.791666667		06/02/2010 19:00	311.26	4.4397	0.345	16.61	0.377	13.39	38.6139	105.5304685	105.569268	3.193678	105.569745	
2010	153	2000	153.833333333		06/02/2010 20:00	312.44	4.4563	0.342	16.61	0.374	13.29	38.5749	105.5423657	105.581165	3.205628	105.581696	
2010	153	2100	153.875000000		06/02/2010 21:00	313.5	4.4712	0.339	16.6	0.37	13.22	38.5399	105.5530529	105.591852	3.216364	105.592431	
2010	153	2200	153.916666667		06/02/2010 22:00	314.59	4.4866	0.337	16.62	0.368	13.17	38.5038	105.5640427	105.602842	3.227403	105.603471	
2010	153	2300	153.958333333		06/02/2010 23:00	315.56	4.5002	0.335	16.62	0.366	13.12	38.4717	105.5738225	105.612622	3.237227	105.613294	
2010	153	2400	154.000000000		06/03/2010 0:00	316.51	4.5136	0.334	16.61	0.364	13.08	38.4403	105.5834008	105.622200	3.246848	105.622916	
2010	154	100	154.041666667		06/03/2010 1:00	317.53	4.5280	0.332	16.62	0.363	13.04	38.4065	105.5936847	105.632484	3.257178	105.633246	
2010	154	200	154.083333333		06/03/2010 2:00	318.16	4.5368	0.331	16.61	0.361	13	38.3857	105.6000366	105.638836	3.263559	105.639626	
2010	154	300	154.125000000		06/03/2010 3:00	318.93	4.5477	0.33	16.61	0.361	12.96	38.3602	105.6078	105.646599	3.271357	105.647425	
2010	154	400	154.166666667		06/03/2010 4:00	319.4	4.5543	0.331	16.62	0.362	12.92	38.3447	105.6125387	105.651338	3.276117	105.652185	
2010	154	500	154.208333333		06/03/2010 5:00	319.63	4.5575	0.329	16.6	0.359	12.97	38.3371	105.6148576	105.653657	3.278446	105.654514	
2010	154	600	154.250000000		06/03/2010 6:00	319.41	4.5544	0.329	16.61	0.359	13.56	38.3444	105.6126395	105.651439	3.276218	105.652286	
2010	154	700	154.291666667		06/03/2010 7:00	319.72	4.5588	0.325	16.6	0.355	13.52	38.3341	105.615765	105.654564	3.279358	105.655425	
2010	154	800	154.333333333		06/03/2010 8:00	319.79	4.5598	0.323	16.61	0.353	13.49	38.3318	105.6164708	105.655270	3.280067	105.656134	
2010	154	900	154.375000000		06/03/2010 9:00	320.1	4.5641	0.324	16.61	0.354	13.46	38.3215	105.6195963	105.658396	3.283206	105.659274	
2010	154	1000	154.416666667		06/03/2010 10:00	320	4.5627	0.33	16.61	0.36	13.43	38.3248	105.6185881	105.657387	3.282193	105.658261	
2010	154	1100	154.458333333		06/03/2010 11:00	320.05	4.5634	0.323	16.62	0.353	13.41	38.3232	105.6190922	105.657891	3.282700	105.658768	
2010	154	1200	154.500000000		06/03/2010 12:00	320.58	4.5709	0.328	16.59	0.358	13.39	38.3057	105.6244358	105.663235	3.288068	105.664135	
2010	154	1300	154.541666667		06/03/2010 13:00	320.45	4.5691	0.323	16.59	0.353	13.36	38.3100	105.6231251	105.661924	3.286751	105.662819	
2010	154	1400	154.583333333		06/03/2010 14:00	320.83	4.5744	0.326	16.6	0.355	13.34	38.2974	105.6269564	105.665756	3.290599	105.666667	
2010	154	1500	154.625000000		06/03/2010 15:00	320.83	4.5744	0.327	16.61	0.357	13.34	38.2974	105.6269564	105.665756	3.290599	105.666667	
2010	154	1600	154.666666667		06/03/2010 16:00	320.64	4.5718	0.33	16.6	0.361	13.34	38.3037	105.6250408	105.663840	3.288675	105.664743	
2010	154	1700	154.708333333		06/03/2010 17:00	320.57	4.5708	0.333	16.6	0.363	13.34	38.3060	105.624335	105.663134	3.287966	105.664034	
2010	154	1800	154.750000000		06/03/2010 18:00	320.19	4.5654	0.333	16.61	0.364	13.32	38.3186	105.6205037	105.659303	3.284118	105.660185	
2010	154	1900	154.791666667		06/03/2010 19:00	319.87	4.5609	0.333	16.61	0.363	13.23	38.3291	105.6172774	105.656077	3.280877	105.656945	
2010	154	2000	154.833333333		06/03/2010 20:00	319.5	4.5557	0.332	16.61	0.362	13.17	38.3414	105.6135469	105.652346	3.277130	105.653197	
2010	154	2100	154.875000000		06/03/2010 21:00	318.96	4.5481	0.331	16.61	0.361	13.11	38.3592	105.6081025	105.646902	3.271661	105.647728	
2010	154	2200	154.916666667		06/03/2010 22:00	318.58	4.5427	0.33	16.62	0.36	13.08	38.3718	105.6042712	105.643070	3.267812	105.643880	
2010	154	2300	154.958333333		06/03/2010 23:00	318.21	4.5375	0.329	16.62	0.359	13.03	38.3841	105.6005407	105.639340	3.264065	105.640133	
2010	154	2400	155.000000000		06/04/2010 0:00	317.93	4.5336	0.329	16.63	0.359	12.99	38.3933	105.5977177	105.636517	3.261229	105.637297	
2010	155	100	155.041666667		06/04/2010 1:00	317.72	4.5306	0.328	16.61	0.358	12.96	38.4003	105.5956004	105.634400	3.259102	105.635170	
2010	155	200	155.083333333		06/04/2010 2:00	317.71	4.5305	0.328	16.63	0.358	12.92	38.4006	105.5954995	105.634299	3.259001	105.635069	
2010	155	300	155.125000000		06/04/2010 3:00	317.9	4.5332	0.328	16.62	0.358	12.89	38.3943	105.5974152	105.636214	3.260925	105.636993	
2010	155	400	155.166666667		06/04/2010 4:00	318.09	4.5358	0.328	16.62	0.358	12.87	38.3880	105.5993308	105.638130	3.262850	105.638917	
2010	155	500	155.208333333		06/04/2010 5:00	318.32	4.5391	0.328	16.61	0.358	12.83	38.3804	105.6016498	105.640449	3.265179	105.641247	
2010	155	600	155.250000000		06/04/2010 6:00	318.58	4.5427	0.328	16.62	0.358	13.34	38.3718	105.6042712	105.643070	3.267812	105.643880	
2010	155	700	155.291666667		06/04/2010 7:00	318.84	4.5464	0.329	16.63	0.359	13.5	38.3632	105.6068926	105.645692	3.270445	105.646513	
2010	155	800	155.333333333		06/04/2010 8:00	319.11	4.5502	0.33	16.61	0.361	13.49	38.3543	105.6096148	105.648414	3.273180	105.649248	
2010	155	900	155.375000000		06/04/2010 9:00	319.3	4.5529	0.326	16.62	0.356	13.47	38.3480	105.6115304	105.650330	3.275104	105.651172	
2010	155	1000	155.416666667		06/04/2010 10:00	319.86	4.5608	0.323	16.61	0.353	13.44	38.3295	105.6171766	105.655976	3.280776	105.656843	
2010	155	1100	155.458333333		06/04/2010 11:00	319.99	4.5626	0.324	16.6	0.354	13.38	38.3252	105.6184873	105.657286	3.282092	105.658160	
2010	155	1200	155.500000000		06/04/2010 12:00	320.94	4.5760	0.324	16.59	0.354	13.34	38.2937	105.6280655	105.666865	3.291713	105.667781	
2010	155	1300	155.541666667		06/04/2010 13:00	320.43	4.5688	0.324	16.6	0.353	13.32	38.3106	105.6229235	105.661723	3.286548	105.662616	
2010	155	1400	155.583333333		06/04/2010 14:00	321.09	4.5781	0.325	16.59	0.355	13.3	38.2888	105.6295778	105.668377	3.293233	105.669300	
2010	155	1500	155.625000000		06/04/2010 15:00	320.65	4.5719	0.328	16.6	0.358	13.27	38.3033	105.6251416	105.663941	3.288776	105.664844	
2010	155	1600	155.666666667		06/04/2010 16:00	320.26	4.5664	0.329	16.59	0.359	13.28	38.3162	105.6212095	105.660009	3.284827	105.660894	
2010	155	1700	155.708333333		06/04/2010 17:00	319.82	4.5602	0.331	16.59	0.361	13.31	38.3308	105.6167733	105.655572	3.280370	105.656438	
2010	155	1800	155.750000000		06/04/2010 18:00	320	4.5627	0.331	16.6	0.362	13.3	38.3248	105.6185881	105.657387	3.282193	105.658261	
2010	155	1900	155.791666667		06/04/2010 19:00	319.65	4.5578	0.331	16.61	0.361	13.33	38.3364	105.6150593	105.653858	3.278649	105.654716	
2010	155	2000	155.833333333		06/04/2010 20:00	319.18	4.5512	0.33	16.6	0.361	13.22	38.3520	105.6103206	105.649120	3.273889	105.649956	
2010	155	2100	155.875000000		06/04/2010 21:00	318.59	4.5429	0.329	16.61	0.359	13.15	38.3715	105.604372	105.643171	3.267913	105.643981	
2010	155	2200	155.916666667		06/04/2010 22:00	317.92	4.5335	0.328	16.62	0.358	13.1	38.3936	105.5976168	105.636416	3.261128	105.637196	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	2300	155.958333333		06/04/2010 23:00	317.29	4.5246	0.327	16.63	0.357	13.06	38.4145	105.591265	105.630064	3.254748	105.630815	
2010	155	2400	156.000000000		06/05/2010 0:00	316.78	4.5174	0.327	16.63	0.357	13.02	38.4314	105.586123	105.624922	3.249582	105.625650	
2010	156	100	156.041666667		06/05/2010 1:00	316.21	4.5094	0.327	16.63	0.357	12.98	38.4502	105.5803761	105.619175	3.243810	105.619877	
2010	156	200	156.083333333		06/05/2010 2:00	315.7	4.5022	0.327	16.62	0.357	12.94	38.4671	105.5752341	105.614033	3.238645	105.614712	
2010	156	300	156.125000000		06/05/2010 3:00	315.25	4.4959	0.327	16.63	0.357	12.91	38.4820	105.570697	105.609496	3.234087	105.610155	
2010	156	400	156.166666667		06/05/2010 4:00	314.78	4.4892	0.327	16.64	0.357	12.88	38.4975	105.5659583	105.604758	3.229327	105.605395	
2010	156	500	156.208333333		06/05/2010 5:00	314.19	4.4809	0.327	16.63	0.357	12.95	38.5170	105.5600098	105.598809	3.223352	105.599420	
2010	156	600	156.250000000		06/05/2010 6:00	314.23	4.4815	0.327	16.61	0.357	13.51	38.5157	105.560413	105.599212	3.223757	105.599825	
2010	156	700	156.291666667		06/05/2010 7:00	313.93	4.4773	0.327	16.62	0.357	13.47	38.5256	105.5573883	105.596188	3.220719	105.596786	
2010	156	800	156.333333333		06/05/2010 8:00	314.43	4.4843	0.327	16.62	0.357	13.43	38.5091	105.5624295	105.601229	3.225782	105.601850	
2010	156	900	156.375000000		06/05/2010 9:00	314.36	4.4833	0.327	16.61	0.357	13.39	38.5114	105.5617237	105.600523	3.225073	105.601141	
2010	156	1000	156.416666667		06/05/2010 10:00	314.41	4.4840	0.327	16.61	0.357	13.36	38.5098	105.5622279	105.601027	3.225580	105.601648	
2010	156	1100	156.458333333		06/05/2010 11:00	314.75	4.4888	0.327	16.6	0.357	13.34	38.4985	105.5656559	105.604455	3.229023	105.605091	
2010	156	1200	156.500000000		06/05/2010 12:00	315.05	4.4930	0.327	16.6	0.357	13.33	38.4886	105.5686806	105.607480	3.232062	105.608129	
2010	156	1300	156.541666667		06/05/2010 13:00	315.93	4.5054	0.327	16.6	0.357	13.3	38.4595	105.577553	105.616352	3.240974	105.617042	
2010	156	1400	156.583333333		06/05/2010 14:00	316.24	4.5098	0.327	16.58	0.357	13.27	38.4492	105.5806785	105.619478	3.244113	105.620181	
2010	156	1500	156.625000000		06/05/2010 15:00	317.18	4.5230	0.327	16.59	0.357	13.24	38.4181	105.5901559	105.628955	3.253633	105.629701	
2010	156	1600	156.666666667		06/05/2010 16:00	317.03	4.5209	0.327	16.58	0.357	13.25	38.4231	105.5886436	105.627443	3.252114	105.628182	
2010	156	1700	156.708333333		06/05/2010 17:00	317.07	4.5215	0.327	16.58	0.357	13.25	38.4218	105.5890469	105.627846	3.252519	105.628587	
2010	156	1800	156.750000000		06/05/2010 18:00	317.07	4.5215	0.328	16.59	0.358	13.27	38.4218	105.5890469	105.627846	3.252519	105.628587	
2010	156	1900	156.791666667		06/05/2010 19:00	317.27	4.5243	0.328	16.58	0.358	13.24	38.4151	105.5910633	105.629863	3.254545	105.630613	
2010	156	2000	156.833333333		06/05/2010 20:00	316.94	4.5197	0.327	16.59	0.357	13.17	38.4261	105.5877362	105.626535	3.251203	105.627271	
2010	156	2100	156.875000000		06/05/2010 21:00	316.56	4.5143	0.328	16.59	0.358	13.11	38.4386	105.5839049	105.622704	3.247354	105.623422	
2010	156	2200	156.916666667		06/05/2010 22:00	315.93	4.5054	0.327	16.61	0.357	13.06	38.4595	105.577553	105.616352	3.240974	105.617042	
2010	156	2300	156.958333333		06/05/2010 23:00	315.15	4.4945	0.328	16.61	0.358	13.02	38.4853	105.5696888	105.608488	3.233074	105.609142	
2010	156	2400	157.000000000		06/06/2010 0:00	314.33	4.4829	0.328	16.61	0.358	12.98	38.5124	105.5614213	105.600220	3.224770	105.600837	
2010	157	100	157.041666667		06/06/2010 1:00	313.52	4.4715	0.327	16.6	0.357	12.94	38.5392	105.5532546	105.592054	3.216566	105.592634	
2010	157	200	157.083333333		06/06/2010 2:00	312.91	4.4629	0.327	16.62	0.357	12.91	38.5594	105.5471044	105.585904	3.210388	105.586456	
2010	157	300	157.125000000		06/06/2010 3:00	312.42	4.4560	0.327	16.62	0.357	12.88	38.5756	105.542164	105.580963	3.205426	105.581494	
2010	157	400	157.166666667		06/06/2010 4:00	311.88	4.4484	0.327	16.62	0.357	12.85	38.5934	105.5367196	105.575519	3.199957	105.576025	
2010	157	500	157.208333333		06/06/2010 5:00	311.4	4.4417	0.327	16.62	0.357	12.86	38.6093	105.5318801	105.570679	3.195096	105.571163	
2010	157	600	157.250000000		06/06/2010 6:00	310.92	4.4349	0.327	16.62	0.357	13.42	38.6252	105.5270405	105.565840	3.190234	105.566302	
2010	157	700	157.291666667		06/06/2010 7:00	310.45	4.4283	0.328	16.62	0.357	13.45	38.6407	105.5223018	105.561101	3.185474	105.561542	
2010	157	800	157.333333333		06/06/2010 8:00	309.95	4.4212	0.328	16.62	0.358	13.45	38.6573	105.5172607	105.556060	3.180411	105.556478	
2010	157	900	157.375000000		06/06/2010 9:00	309.75	4.4184	0.328	16.62	0.358	13.41	38.6639	105.5152442	105.554043	3.178385	105.554453	
2010	157	1000	157.416666667		06/06/2010 10:00	309.26	4.4115	0.328	16.62	0.358	13.39	38.6801	105.5103039	105.549103	3.173422	105.549490	
2010	157	1100	157.458333333		06/06/2010 11:00	308.14	4.3958	0.329	16.64	0.359	13.35	38.7172	105.4990117	105.537811	3.162079	105.538147	
2010	157	1200	157.500000000		06/06/2010 12:00	309.03	4.4083	0.33	16.62	0.36	13.32	38.6877	105.5079849	105.546784	3.171093	105.547161	
2010	157	1300	157.541666667		06/06/2010 13:00	308.74	4.4042	0.332	16.61	0.363	13.29	38.6973	105.5050611	105.543860	3.168156	105.544224	
2010	157	1400	157.583333333		06/06/2010 14:00	308.02	4.3941	0.332	16.6	0.363	13.27	38.7211	105.4978018	105.536601	3.160864	105.536932	
2010	157	1500	157.625000000		06/06/2010 15:00	308.28	4.3977	0.332	16.6	0.363	13.25	38.7125	105.5004232	105.539222	3.163497	105.539565	
2010	157	1600	157.666666667		06/06/2010 16:00	308.61	4.4024	0.332	16.6	0.363	13.27	38.7016	105.5037504	105.542550	3.166839	105.542907	
2010	157	1700	157.708333333		06/06/2010 17:00	308.48	4.4006	0.332	16.59	0.363	13.3	38.7059	105.5024397	105.541239	3.165523	105.541591	
2010	157	1800	157.750000000		06/06/2010 18:00	308.59	4.4021	0.333	16.6	0.363	13.27	38.7023	105.5035487	105.542348	3.166637	105.542705	
2010	157	1900	157.791666667		06/06/2010 19:00	308.13	4.3956	0.332	16.6	0.363	13.24	38.7175	105.4989108	105.537710	3.161978	105.538046	
2010	157	2000	157.833333333		06/06/2010 20:00	308.09	4.3951	0.332	16.6	0.363	13.16	38.7188	105.4985076	105.537307	3.161573	105.537641	
2010	157	2100	157.875000000		06/06/2010 21:00	308.01	4.3939	0.332	16.59	0.363	13.11	38.7215	105.497701	105.536500	3.160763	105.536831	
2010	157	2200	157.916666667		06/06/2010 22:00	307.96	4.3932	0.332	16.6	0.363	13.05	38.7231	105.4971968	105.535996	3.160257	105.536324	
2010	157	2300	157.958333333		06/06/2010 23:00	307.81	4.3911	0.332	16.6	0.363	13.02	38.7281	105.4956845	105.534484	3.158737	105.534805	
2010	157	2400	158.000000000		06/07/2010 0:00	307.74	4.3901	0.332	16.58	0.363	12.98	38.7304	105.4949787	105.533778	3.158028	105.534096	
2010	158	100	158.041666667		06/07/2010 1:00	307.69	4.3894	0.332	16.61	0.363	12.94	38.7320	105.4944746	105.533274	3.157522	105.533590	
2010	158	200	158.083333333		06/07/2010 2:00	307.63	4.3886	0.333	16.6	0.363	12.91	38.7340	105.4938697	105.532669	3.156914	105.532982	
2010	158	300	158.125000000		06/07/2010 3:00	307.56	4.3876	0.333	16.58	0.363	12.88	38.7363	105.4931639	105.531963	3.156205	105.532273	
2010	158	400	158.166666667		06/07/2010 4:00	307.35	4.3846	0.333	16.59	0.363	12.85	38.7433	105.4910466	105.529846	3.154079	105.530146	
2010	158	500	158.208333333		06/07/2010 5:00	307.32	4.3842	0.333	16.6	0.363	12.85	38.7443	105.4907442	105.529543	3.153775	105.529843	
2010	158	600	158.250000000		06/07/2010 6:00	307.31	4.3841	0.333	16.59	0.363	13.24	38.7446	105.4906433	105.529443	3.153674	105.529741	
2010	158	700	158.291666667		06/07/2010 7:00	306.81	4.3770	0.333	16.61	0.363	13.44	38.7611	105.4856022	105.524401	3.148610	105.524677	
2010	158	800	158.333333333		06/07/2010 8:00	307.45	4.3860	0.333	16.59	0.363	13.38	38.7400	105.4920549	105.530854	3.155091	105.531159	
2010	158	900	158.375000000		06/07/2010 9:00	308.37	4.3990	0.333	16.58	0.363	13.33	38.7095	105.5013306	105.540130	3.164409	105.540477	
2010	158	1000	158.416666667		06/07/2010 10:00	308.08	4.3949	0.333	16.56	0.364	13.31	38.7191	105.4984067	105.537206	3.161472	105.537540	
2010	158	1100	158.458333333		06/07/2010 11:00	309.12	4.4096	0.333	16.58	0.364	13.3	38.6847	105.5088923	105.547692	3.172005	105.548072	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1200	158.500000000		06/07/2010 12:00	309.02	4.4082	0.333	16.57	0.363	13.29	38.6880	105.5078841	105.546683	3.170992	105.547060	
2010	158	1300	158.541666667		06/07/2010 13:00	310.2	4.4248	0.332	16.56	0.363	13.26	38.6490	105.5197813	105.558580	3.182942	105.559010	
2010	158	1400	158.583333333		06/07/2010 14:00	310.03	4.4224	0.332	16.57	0.363	13.25	38.6546	105.5180673	105.556866	3.181221	105.557288	
2010	158	1500	158.625000000		06/07/2010 15:00	310.8	4.4332	0.332	16.57	0.363	13.23	38.6292	105.5258307	105.564630	3.189019	105.565087	
2010	158	1600	158.666666667		06/07/2010 16:00	311.26	4.4397	0.333	16.55	0.363	13.22	38.6139	105.5304685	105.569268	3.193678	105.569745	
2010	158	1700	158.708333333		06/07/2010 17:00	311.93	4.4491	0.333	16.57	0.363	13.22	38.5918	105.5372237	105.576023	3.200463	105.576531	
2010	158	1800	158.750000000		06/07/2010 18:00	312.14	4.4521	0.333	16.56	0.364	13.24	38.5848	105.539341	105.578140	3.202590	105.578658	
2010	158	1900	158.791666667		06/07/2010 19:00	312.67	4.4595	0.333	16.56	0.364	13.22	38.5673	105.5446846	105.583484	3.207958	105.584025	
2010	158	2000	158.833333333		06/07/2010 20:00	312.71	4.4601	0.334	16.57	0.364	13.13	38.5660	105.5450879	105.583887	3.208363	105.584431	
2010	158	2100	158.875000000		06/07/2010 21:00	312.68	4.4597	0.334	16.57	0.365	13.07	38.5670	105.5447854	105.583585	3.208059	105.584127	
2010	158	2200	158.916666667		06/07/2010 22:00	312.62	4.4588	0.334	16.57	0.365	13.02	38.5690	105.5441805	105.582980	3.207451	105.583519	
2010	158	2300	158.958333333		06/07/2010 23:00	312.44	4.4563	0.334	16.57	0.365	12.98	38.5749	105.5423657	105.581165	3.205628	105.581696	
2010	158	2400	159.000000000		06/08/2010 0:00	312.4	4.4557	0.334	16.57	0.365	12.94	38.5762	105.5419624	105.580762	3.205223	105.581291	
2010	159	100	159.041666667		06/08/2010 1:00	312.17	4.4525	0.335	16.56	0.366	12.91	38.5838	105.5396434	105.578443	3.202894	105.578962	
2010	159	200	159.083333333		06/08/2010 2:00	312.12	4.4518	0.335	16.57	0.366	12.87	38.5855	105.5391393	105.577939	3.202388	105.578455	
2010	159	300	159.125000000		06/08/2010 3:00	311.98	4.4498	0.335	16.59	0.366	12.84	38.5901	105.5377278	105.576527	3.200970	105.577037	
2010	159	400	159.166666667		06/08/2010 4:00	311.88	4.4484	0.335	16.57	0.366	12.81	38.5934	105.5367196	105.575519	3.199957	105.576025	
2010	159	500	159.208333333		06/08/2010 5:00	311.45	4.4424	0.335	16.57	0.366	12.88	38.6077	105.5323842	105.571183	3.195602	105.571670	
2010	159	600	159.250000000		06/08/2010 6:00	311.36	4.4411	0.335	16.57	0.366	13.48	38.6106	105.5314768	105.570276	3.194691	105.570758	
2010	159	700	159.291666667		06/08/2010 7:00	311.2	4.4388	0.335	16.58	0.366	13.45	38.6159	105.5298636	105.568663	3.193070	105.569138	
2010	159	800	159.333333333		06/08/2010 8:00	311.26	4.4397	0.335	16.6	0.366	13.4	38.6139	105.5304685	105.569268	3.193678	105.569745	
2010	159	900	159.375000000		06/08/2010 9:00	311.64	4.4450	0.335	16.56	0.366	13.35	38.6014	105.5342998	105.573099	3.197526	105.573594	
2010	159	1000	159.416666667		06/08/2010 10:00	311.38	4.4414	0.335	16.56	0.366	13.31	38.6100	105.5316784	105.570478	3.194893	105.570961	
2010	159	1100	159.458333333		06/08/2010 11:00	312.24	4.4535	0.335	16.56	0.366	13.29	38.5815	105.5403492	105.579148	3.203603	105.579671	
2010	159	1200	159.500000000		06/08/2010 12:00	312.23	4.4533	0.335	16.55	0.366	13.26	38.5819	105.5402484	105.579048	3.203502	105.579569	
2010	159	1300	159.541666667		06/08/2010 13:00	313.13	4.4660	0.335	16.56	0.366	13.24	38.5521	105.5493225	105.588122	3.212616	105.588684	
2010	159	1400	159.583333333		06/08/2010 14:00	314.28	4.4822	0.335	16.55	0.366	13.23	38.5141	105.5609172	105.599716	3.224263	105.600331	
2010	159	1500	159.625000000		06/08/2010 15:00	315.45	4.4987	0.335	16.54	0.366	13.21	38.4753	105.5727135	105.611513	3.236113	105.612180	
2010	159	1600	159.666666667		06/08/2010 16:00	315.99	4.5063	0.335	16.55	0.366	13.22	38.4575	105.5781579	105.616957	3.241582	105.617649	
2010	159	1700	159.708333333		06/08/2010 17:00	317.35	4.5254	0.335	16.56	0.366	13.24	38.4125	105.5918699	105.630669	3.255355	105.631423	
2010	159	1800	159.750000000		06/08/2010 18:00	318.58	4.5427	0.335	16.55	0.366	13.27	38.3718	105.6042712	105.643070	3.267812	105.643880	
2010	159	1900	159.791666667		06/08/2010 19:00	319.94	4.5619	0.335	16.53	0.366	13.16	38.3268	105.6179831	105.656782	3.281586	105.657654	
2010	159	2000	159.833333333		06/08/2010 20:00	320.88	4.5751	0.335	16.54	0.366	13.1	38.2957	105.6274605	105.666260	3.291106	105.667174	
2010	159	2100	159.875000000		06/08/2010 21:00	321.92	4.5898	0.336	16.53	0.367	13.05	38.2613	105.6379461	105.676745	3.301639	105.677706	
2010	159	2200	159.916666667		06/08/2010 22:00	322.9	4.6036	0.337	16.52	0.368	12.99	38.2289	105.6478268	105.686626	3.311564	105.687631	
2010	159	2300	159.958333333		06/08/2010 23:00	323.81	4.6164	0.336	16.51	0.368	12.96	38.1988	105.6570017	105.695801	3.320780	105.696848	
2010	159	2400	160.000000000		06/09/2010 0:00	324.69	4.6288	0.335	16.53	0.366	12.92	38.1697	105.6658742	105.704673	3.329692	105.705760	
2010	160	100	160.041666667		06/09/2010 1:00	325.64	4.6421	0.334	16.53	0.365	12.89	38.1383	105.6754524	105.714252	3.339313	105.715381	
2010	160	200	160.083333333		06/09/2010 2:00	326.48	4.6540	0.333	16.52	0.363	12.85	38.1105	105.6839216	105.722721	3.347821	105.723888	
2010	160	300	160.125000000		06/09/2010 3:00	327.23	4.6645	0.331	16.53	0.362	12.82	38.0857	105.6914833	105.730283	3.355416	105.731484	
2010	160	400	160.166666667		06/09/2010 4:00	328.17	4.6778	0.33	16.52	0.36	12.8	38.0546	105.7009607	105.739760	3.364936	105.741004	
2010	160	500	160.208333333		06/09/2010 5:00	329.01	4.6896	0.328	16.52	0.358	12.87	38.0268	105.7094299	105.748229	3.373444	105.749511	
2010	160	600	160.250000000		06/09/2010 6:00	329.79	4.7006	0.326	16.53	0.356	13.45	38.0010	105.7172941	105.756093	3.381343	105.757411	
2010	160	700	160.291666667		06/09/2010 7:00	331.56	4.7255	0.325	16.53	0.355	13.41	37.9425	105.7351398	105.773939	3.399269	105.775337	
2010	160	800	160.333333333		06/09/2010 8:00	333.26	4.7494	0.323	16.5	0.353	13.38	37.8862	105.7522797	105.791079	3.416486	105.792554	
2010	160	900	160.375000000		06/09/2010 9:00	334.41	4.7656	0.321	16.49	0.351	13.37	37.8482	105.7638744	105.802674	3.428133	105.804201	
2010	160	1000	160.416666667		06/09/2010 10:00	336.93	4.8011	0.32	16.49	0.35	13.33	37.7648	105.7892819	105.828081	3.453655	105.829722	
2010	160	1100	160.458333333		06/09/2010 11:00	337.36	4.8072	0.319	16.49	0.349	13.38	37.7506	105.7936173	105.832417	3.458010	105.834077	
2010	160	1200	160.500000000		06/09/2010 12:00	339.42	4.8362	0.318	16.51	0.348	13.33	37.6825	105.8143869	105.853186	3.478873	105.854940	
2010	160	1300	160.541666667		06/09/2010 13:00	341.5	4.8654	0.318	16.49	0.348	13.3	37.6137	105.8353581	105.874157	3.499938	105.876006	
2010	160	1400	160.583333333		06/09/2010 14:00	343.03	4.8870	0.317	16.48	0.347	13.28	37.5630	105.8507841	105.889583	3.515433	105.891501	
2010	160	1500	160.625000000		06/09/2010 15:00	344.82	4.9122	0.317	16.48	0.346	13.29	37.5038	105.8688315	105.907631	3.533562	105.909630	
2010	160	1600	160.666666667		06/09/2010 16:00	345.81	4.9261	0.315	16.48	0.344	13.3	37.4711	105.878813	105.917612	3.543588	105.919656	
2010	160	1700	160.708333333		06/09/2010 17:00	347.02	4.9432	0.314	16.47	0.343	13.31	37.4311	105.8910126	105.929812	3.555843	105.931910	
2010	160	1800	160.750000000		06/09/2010 18:00	348.14	4.9589	0.313	16.48	0.342	13.33	37.3940	105.9023048	105.941104	3.567186	105.943253	
2010	160	1900	160.791666667		06/09/2010 19:00	349.08	4.9722	0.312	16.49	0.341	13.32	37.3629	105.9117822	105.950581	3.576706	105.952773	
2010	160	2000	160.833333333		06/09/2010 20:00	349.76	4.9817	0.311	16.51	0.34	13.21	37.3404	105.9186382	105.957437	3.583592	105.959660	
2010	160	2100	160.875000000		06/09/2010 21:00	350.46	4.9916	0.311	16.48	0.34	13.16	37.3173	105.9256958	105.964495	3.590682	105.966750	
2010	160	2200	160.916666667		06/09/2010 22:00	351.09	5.0005	0.31	16.5	0.339	13.11	37.2964	105.9320477	105.970847	3.597062	105.973130	
2010	160	2300	160.958333333		06/09/2010 23:00	351.62	5.0079	0.31	16.49	0.339	13.06	37.2789	105.9373913	105.976191	3.602430	105.978498	
2010	160	2400	161.000000000		06/10/2010 0:00	352.11	5.0148	0.309	16.49	0.338	13.02	37.2627	105.9423316	105.981131	3.607392	105.983460	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	161	100	161.041666667		06/10/2010 1:00	352.68	5.0228	0.309	16.49	0.337	12.98	37.2438	105.9480786	105.986878	3.613165	105.989233	
2010	161	200	161.083333333		06/10/2010 2:00	353.34	5.0321	0.308	16.48	0.337	12.95	37.2220	105.9547329	105.993532	3.619849	105.995917	
2010	161	300	161.125000000		06/10/2010 3:00	354.03	5.0418	0.308	16.47	0.336	12.92	37.1992	105.9616897	106.000489	3.626838	106.002905	
2010	161	400	161.166666667		06/10/2010 4:00	354.86	5.0535	0.307	16.48	0.336	12.88	37.1717	105.970058	106.008857	3.635243	106.011311	
2010	161	500	161.208333333		06/10/2010 5:00	355.86	5.0676	0.307	16.48	0.335	12.94	37.1386	105.9801404	106.018940	3.645371	106.021439	
2010	161	600	161.250000000		06/10/2010 6:00	356.8	5.0808	0.306	16.47	0.335	13.51	37.1076	105.9896178	106.028417	3.654891	106.030959	
2010	161	700	161.291666667		06/10/2010 7:00	358.38	5.1031	0.305	16.48	0.334	13.49	37.0553	106.0055478	106.044347	3.670893	106.046961	
2010	161	800	161.333333333		06/10/2010 8:00	359.98	5.1256	0.305	16.47	0.334	13.45	37.0024	106.0216796	106.060479	3.687097	106.063165	
2010	161	900	161.375000000		06/10/2010 9:00	361.5	5.1470	0.305	16.48	0.334	13.41	36.9521	106.0370047	106.075804	3.702491	106.078559	
2010	161	1000	161.416666667		06/10/2010 10:00	362.71	5.1641	0.305	16.47	0.333	13.38	36.9121	106.0492043	106.088004	3.714746	106.090813	
2010	161	1100	161.458333333		06/10/2010 11:00	364.51	5.1894	0.305	16.47	0.333	13.36	36.8525	106.0673525	106.106152	3.732975	106.109043	
2010	161	1200	161.500000000		06/10/2010 12:00	366.48	5.2171	0.305	16.47	0.334	13.32	36.7874	106.0872147	106.126014	3.752927	106.128995	
2010	161	1300	161.541666667		06/10/2010 13:00	366.93	5.2235	0.305	16.47	0.334	13.31	36.7725	106.0917517	106.130551	3.757484	106.133552	
2010	161	1400	161.583333333		06/10/2010 14:00	368.6	5.2470	0.305	16.45	0.334	13.31	36.7172	106.1085892	106.147388	3.774397	106.150465	
2010	161	1500	161.625000000		06/10/2010 15:00	369.2	5.2554	0.305	16.46	0.333	13.41	36.6974	106.1146386	106.153438	3.780474	106.156542	
2010	161	1600	161.666666667		06/10/2010 16:00	369.5	5.2596	0.305	16.45	0.334	13.41	36.6875	106.1176633	106.156463	3.783512	106.159580	
2010	161	1700	161.708333333		06/10/2010 17:00	370.97	5.2803	0.305	16.44	0.334	13.35	36.6388	106.1324843	106.171284	3.798400	106.174468	
2010	161	1800	161.750000000		06/10/2010 18:00	369.95	5.2660	0.305	16.47	0.334	13.37	36.6726	106.1222004	106.161000	3.788070	106.164138	
2010	161	1900	161.791666667		06/10/2010 19:00	370.03	5.2671	0.305	16.44	0.334	13.35	36.6699	106.123007	106.161806	3.788880	106.164948	
2010	161	2000	161.833333333		06/10/2010 20:00	369.92	5.2656	0.305	16.45	0.334	13.25	36.6736	106.1218979	106.160697	3.787766	106.163834	
2010	161	2100	161.875000000		06/10/2010 21:00	369.49	5.2595	0.306	16.46	0.334	13.19	36.6878	106.1175625	106.156362	3.783411	106.159479	
2010	161	2200	161.916666667		06/10/2010 22:00	369.33	5.2573	0.306	16.46	0.334	13.14	36.6931	106.1159493	106.154749	3.781791	106.157858	
2010	161	2300	161.958333333		06/10/2010 23:00	369.61	5.2612	0.306	16.46	0.334	13.09	36.6838	106.1187724	106.157572	3.784626	106.160694	
2010	161	2400	162.000000000		06/11/2010 0:00	370.07	5.2677	0.306	16.46	0.334	13.04	36.6686	106.1234102	106.162209	3.789285	106.165353	
2010	162	100	162.041666667		06/11/2010 1:00	370.68	5.2763	0.306	16.45	0.334	13	36.6484	106.1295605	106.168360	3.795463	106.171531	
2010	162	200	162.083333333		06/11/2010 2:00	371.23	5.2840	0.306	16.45	0.334	12.97	36.6302	106.1351057	106.173905	3.801033	106.177101	
2010	162	300	162.125000000		06/11/2010 3:00	371.9	5.2934	0.305	16.45	0.334	12.94	36.6081	106.1418609	106.180660	3.807819	106.183886	
2010	162	400	162.166666667		06/11/2010 4:00	372.28	5.2988	0.305	16.46	0.333	12.9	36.5955	106.1456922	106.184491	3.811667	106.187735	
2010	162	500	162.208333333		06/11/2010 5:00	372.33	5.2995	0.305	16.45	0.333	12.97	36.5938	106.1461963	106.184996	3.812174	106.188241	
2010	162	600	162.250000000		06/11/2010 6:00	372.41	5.3006	0.304	16.43	0.333	13.47	36.5912	106.1470029	106.185802	3.812984	106.189052	
2010	162	700	162.291666667		06/11/2010 7:00	372.75	5.3054	0.304	16.44	0.333	13.43	36.5800	106.1504309	106.189230	3.816427	106.192495	
2010	162	800	162.333333333		06/11/2010 8:00	373.15	5.3110	0.304	16.43	0.332	13.4	36.5667	106.1544638	106.193263	3.820478	106.196546	
2010	162	900	162.375000000		06/11/2010 9:00	373.37	5.3141	0.304	16.42	0.332	13.37	36.5594	106.1566819	106.195481	3.822706	106.198774	
2010	162	1000	162.416666667		06/11/2010 10:00	375.34	5.3419	0.303	16.43	0.332	13.34	36.4943	106.1765441	106.215343	3.842658	106.218726	
2010	162	1100	162.458333333		06/11/2010 11:00	376.14	5.3531	0.303	16.42	0.331	13.32	36.4678	106.18461	106.223409	3.850760	106.226828	
2010	162	1200	162.500000000		06/11/2010 12:00	378.85	5.3913	0.302	16.42	0.331	13.31	36.3782	106.2119331	106.250732	3.878206	106.254274	
2010	162	1300	162.541666667		06/11/2010 13:00	380.61	5.4161	0.302	16.39	0.331	13.29	36.3200	106.229678	106.268477	3.896031	106.272098	
2010	162	1400	162.583333333		06/11/2010 14:00	382.85	5.4476	0.302	16.4	0.33	13.26	36.2459	106.2522624	106.291062	3.918717	106.294784	
2010	162	1500	162.625000000		06/11/2010 15:00	383.31	5.4541	0.302	16.4	0.33	13.24	36.2306	106.2569003	106.295699	3.923375	106.299443	
2010	162	1600	162.666666667		06/11/2010 16:00	384.44	5.4700	0.302	16.39	0.331	13.23	36.1933	106.2682933	106.307093	3.934820	106.310887	
2010	162	1700	162.708333333		06/11/2010 17:00	385.47	5.4845	0.302	16.39	0.331	13.22	36.1592	106.2786781	106.317477	3.945251	106.321319	
2010	162	1800	162.750000000		06/11/2010 18:00	386.33	5.4966	0.303	16.38	0.331	13.24	36.1307	106.2873489	106.326148	3.953961	106.330028	
2010	162	1900	162.791666667		06/11/2010 19:00	386.93	5.5050	0.303	16.4	0.331	13.24	36.1109	106.2933983	106.332198	3.960037	106.336105	
2010	162	2000	162.833333333		06/11/2010 20:00	387.58	5.5142	0.302	16.4	0.331	13.14	36.0894	106.2999518	106.338751	3.966620	106.342688	
2010	162	2100	162.875000000		06/11/2010 21:00	387.8	5.5173	0.302	16.39	0.331	13.08	36.0821	106.3021699	106.340969	3.968848	106.344916	
2010	162	2200	162.916666667		06/11/2010 22:00	387.85	5.5180	0.302	16.4	0.33	13.04	36.0805	106.302674	106.341473	3.969355	106.345423	
2010	162	2300	162.958333333		06/11/2010 23:00	387.74	5.5164	0.301	16.4	0.33	12.99	36.0841	106.301565	106.340364	3.968241	106.344308	
2010	162	2400	163.000000000		06/12/2010 0:00	387.59	5.5143	0.301	16.4	0.33	12.96	36.0891	106.3000526	106.338852	3.966722	106.342789	
2010	163	100	163.041666667		06/12/2010 1:00	387.35	5.5110	0.302	16.41	0.33	12.92	36.0970	106.2976329	106.336432	3.964291	106.340359	
2010	163	200	163.083333333		06/12/2010 2:00	387.14	5.5080	0.302	16.4	0.33	12.88	36.1040	106.2955156	106.334315	3.962164	106.338232	
2010	163	300	163.125000000		06/12/2010 3:00	386.98	5.5057	0.301	16.4	0.33	12.85	36.1092	106.2939024	106.332702	3.960544	106.336611	
2010	163	400	163.166666667		06/12/2010 4:00	386.85	5.5039	0.301	16.41	0.33	12.82	36.1135	106.2925917	106.331391	3.959227	106.335295	
2010	163	500	163.208333333		06/12/2010 5:00	386.39	5.4974	0.301	16.41	0.329	12.89	36.1288	106.2879538	106.326753	3.954568	106.330636	
2010	163	600	163.250000000		06/12/2010 6:00	386.41	5.4977	0.301	16.41	0.329	13.33	36.1281	106.2881555	106.326955	3.954771	106.330839	
2010	163	700	163.291666667		06/12/2010 7:00	386.52	5.4993	0.301	16.4	0.329	13.41	36.1245	106.2892645	106.328064	3.955885	106.331953	
2010	163	800	163.333333333		06/12/2010 8:00	386.33	5.4966	0.3	16.41	0.329	13.37	36.1307	106.2873489	106.326148	3.953961	106.330028	
2010	163	900	163.375000000		06/12/2010 9:00	386.2	5.4948	0.3	16.41	0.329	13.33	36.1350	106.2860382	106.324837	3.952644	106.328712	
2010	163	1000	163.416666667		06/12/2010 10:00	386.18	5.4945	0.3	16.39	0.329	13.29	36.1357	106.2858366	106.324636	3.952442	106.328509	
2010	163	1100	163.458333333		06/12/2010 11:00	386.21	5.4949	0.301	16.4	0.33	13.27	36.1347	106.286139	106.324938	3.952745	106.328813	
2010	163	1200	163.500000000		06/12/2010 12:00	385.67	5.4873	0.303	16.4	0.331	13.25	36.1526	106.2806946	106.319494	3.947277	106.323344	
2010	163	1300	163.541666667		06/12/2010 13:00	385.97	5.4915	0.303	16.41	0.332	13.23	36.1427	106.2837193	106.322518	3.950315	106.326383	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1400	163.583333333		06/12/2010 14:00	385.49	5.4848	0.303	16.4	0.332	13.2	36.1585	106.2788797	106.317679	3.945454	106.321521	
2010	163	1500	163.625000000		06/12/2010 15:00	385.59	5.4862	0.304	16.4	0.332	13.18	36.1552	106.279888	106.318687	3.946466	106.322534	
2010	163	1600	163.666666667		06/12/2010 16:00	385.91	5.4907	0.304	16.4	0.332	13.17	36.1446	106.2831143	106.321914	3.949707	106.325775	
2010	163	1700	163.708333333		06/12/2010 17:00	385.73	5.4881	0.304	16.4	0.332	13.17	36.1506	106.2812995	106.320099	3.947884	106.323952	
2010	163	1800	163.750000000		06/12/2010 18:00	385.25	5.4814	0.304	16.41	0.332	13.18	36.1665	106.27646	106.315259	3.943023	106.319091	
2010	163	1900	163.791666667		06/12/2010 19:00	384.41	5.4696	0.303	16.41	0.332	13.17	36.1943	106.2679908	106.306790	3.934516	106.310583	
2010	163	2000	163.833333333		06/12/2010 20:00	383.69	5.4594	0.303	16.43	0.332	13.08	36.2181	106.2607316	106.299531	3.927224	106.303291	
2010	163	2100	163.875000000		06/12/2010 21:00	382.57	5.4437	0.303	16.46	0.332	13.02	36.2551	106.2494393	106.288239	3.915881	106.291948	
2010	163	2200	163.916666667		06/12/2010 22:00	381.37	5.4268	0.304	16.49	0.332	12.97	36.2948	106.2373406	106.276140	3.903728	106.279795	
2010	163	2300	163.958333333		06/12/2010 23:00	380.01	5.4076	0.304	16.49	0.332	12.93	36.3398	106.2236286	106.262428	3.889954	106.266022	
2010	163	2400	164.000000000		06/13/2010 0:00	378.65	5.3885	0.304	16.51	0.332	12.89	36.3848	106.2099166	106.248716	3.876180	106.252248	
2010	164	100	164.041666667		06/13/2010 1:00	377.33	5.3699	0.304	16.52	0.332	12.85	36.4285	106.1966079	106.235407	3.862812	106.238880	
2010	164	200	164.083333333		06/13/2010 2:00	376.01	5.3513	0.304	16.53	0.332	12.82	36.4721	106.1832993	106.222098	3.849443	106.225511	
2010	164	300	164.125000000		06/13/2010 3:00	374.69	5.3327	0.304	16.5	0.332	12.79	36.5158	106.1699906	106.208790	3.836075	106.212143	
2010	164	400	164.166666667		06/13/2010 4:00	373.57	5.3169	0.304	16.51	0.333	12.76	36.5528	106.1586984	106.197498	3.824732	106.200800	
2010	164	500	164.208333333		06/13/2010 5:00	372.46	5.3013	0.304	16.54	0.333	12.83	36.5895	106.147507	106.186306	3.813490	106.189558	
2010	164	600	164.250000000		06/13/2010 6:00	371.94	5.2940	0.305	16.52	0.333	13.27	36.6067	106.1422642	106.181063	3.808224	106.184292	
2010	164	700	164.291666667		06/13/2010 7:00	371.28	5.2847	0.305	16.53	0.333	13.37	36.6286	106.1356099	106.174409	3.801540	106.177607	
2010	164	800	164.333333333		06/13/2010 8:00	370.96	5.2802	0.305	16.52	0.333	13.33	36.6392	106.1323835	106.171183	3.798299	106.174366	
2010	164	900	164.375000000		06/13/2010 9:00	370.73	5.2770	0.305	16.51	0.333	13.29	36.6468	106.1300646	106.168864	3.795969	106.172037	
2010	164	1000	164.416666667		06/13/2010 10:00	370.84	5.2785	0.305	16.51	0.333	13.25	36.6431	106.1311736	106.169973	3.797083	106.173151	
2010	164	1100	164.458333333		06/13/2010 11:00	370.89	5.2792	0.305	16.51	0.333	13.22	36.6415	106.1316778	106.170477	3.797590	106.173657	
2010	164	1200	164.500000000		06/13/2010 12:00	371.36	5.2858	0.305	16.48	0.333	13.2	36.6259	106.1364164	106.175216	3.802350	106.178417	
2010	164	1300	164.541666667		06/13/2010 13:00	371.99	5.2947	0.305	16.49	0.333	13.17	36.6051	106.1427683	106.181568	3.808730	106.184798	
2010	164	1400	164.583333333		06/13/2010 14:00	371.76	5.2915	0.304	16.46	0.333	13.14	36.6127	106.1404494	106.179249	3.806401	106.182469	
2010	164	1500	164.625000000		06/13/2010 15:00	372.71	5.3048	0.304	16.47	0.333	13.13	36.5813	106.1500276	106.188827	3.816022	106.192090	
2010	164	1600	164.666666667		06/13/2010 16:00	374.06	5.3238	0.304	16.46	0.333	13.12	36.5366	106.1636387	106.202438	3.829694	106.205762	
2010	164	1700	164.708333333		06/13/2010 17:00	373.98	5.3227	0.304	16.45	0.333	13.12	36.5393	106.1628321	106.201631	3.828884	106.204952	
2010	164	1800	164.750000000		06/13/2010 18:00	374.09	5.3243	0.304	16.45	0.333	13.13	36.5356	106.1639412	106.202740	3.829998	106.206066	
2010	164	1900	164.791666667		06/13/2010 19:00	374.5	5.3300	0.304	16.43	0.333	13.14	36.5221	106.168075	106.206874	3.834151	106.210218	
2010	164	2000	164.833333333		06/13/2010 20:00	374.06	5.3238	0.304	16.44	0.333	13.04	36.5366	106.1636387	106.202438	3.829694	106.205762	
2010	164	2100	164.875000000		06/13/2010 21:00	373.56	5.3168	0.304	16.43	0.333	12.98	36.5532	106.1585976	106.197397	3.824631	106.200698	
2010	164	2200	164.916666667		06/13/2010 22:00	373.01	5.3091	0.305	16.44	0.333	12.94	36.5714	106.1530523	106.191851	3.819060	106.195128	
2010	164	2300	164.958333333		06/13/2010 23:00	372.47	5.3015	0.305	16.45	0.333	12.89	36.5892	106.1476078	106.186407	3.813591	106.189659	
2010	164	2400	165.000000000		06/14/2010 0:00	371.88	5.2932	0.304	16.45	0.333	12.85	36.6087	106.1416593	106.180458	3.807616	106.183684	
2010	165	100	165.041666667		06/14/2010 1:00	371.28	5.2847	0.304	16.47	0.333	12.82	36.6286	106.1356099	106.174409	3.801540	106.177607	
2010	165	200	165.083333333		06/14/2010 2:00	370.75	5.2772	0.304	16.48	0.332	12.78	36.6461	106.1302662	106.169065	3.796172	106.172240	
2010	165	300	165.125000000		06/14/2010 3:00	370.27	5.2705	0.304	16.52	0.333	12.76	36.6620	106.1254267	106.164226	3.791311	106.167378	
2010	165	400	165.166666667		06/14/2010 4:00	369.71	5.2626	0.305	16.52	0.333	12.72	36.6805	106.1197806	106.158580	3.785639	106.161707	
2010	165	500	165.208333333		06/14/2010 5:00	368.67	5.2480	0.305	16.53	0.333	12.79	36.7149	106.109295	106.148094	3.775106	106.151174	
2010	165	600	165.250000000		06/14/2010 6:00	368.15	5.2406	0.305	16.55	0.333	13.14	36.7321	106.1040522	106.142851	3.769840	106.145908	
2010	165	700	165.291666667		06/14/2010 7:00	366.96	5.2239	0.305	16.56	0.333	13.43	36.7715	106.0920542	106.130853	3.757788	106.133856	
2010	165	800	165.333333333		06/14/2010 8:00	366.56	5.2183	0.305	16.56	0.333	13.39	36.7847	106.0880213	106.126820	3.753737	106.129805	
2010	165	900	165.375000000		06/14/2010 9:00	366.06	5.2112	0.305	16.55	0.333	13.38	36.8012	106.0829801	106.121779	3.748673	106.124741	
2010	165	1000	165.416666667		06/14/2010 10:00	366.24	5.2138	0.305	16.54	0.333	13.32	36.7953	106.0847949	106.123594	3.750496	106.126564	
2010	165	1100	165.458333333		06/14/2010 11:00	366.97	5.2240	0.305	16.52	0.333	13.29	36.7711	106.092155	106.130954	3.757889	106.133957	
2010	165	1200	165.500000000		06/14/2010 12:00	368.89	5.2511	0.305	16.52	0.333	13.28	36.7076	106.1115131	106.150312	3.777334	106.153402	
2010	165	1300	165.541666667		06/14/2010 13:00	369.54	5.2602	0.305	16.49	0.333	13.27	36.6861	106.1180666	106.156866	3.783917	106.159985	
2010	165	1400	165.583333333		06/14/2010 14:00	370.47	5.2733	0.305	16.46	0.333	13.24	36.6554	106.1274432	106.166242	3.793336	106.169404	
2010	165	1500	165.625000000		06/14/2010 15:00	372.08	5.2960	0.283	16.43	0.31	13.23	36.6021	106.1436757	106.182475	3.809642	106.185709	
2010	165	1600	165.666666667		06/14/2010 16:00	372.93	5.3079	0.28	16.43	0.306	13.22	36.5740	106.1522457	106.191045	3.818250	106.194318	
2010	165	1700	165.708333333		06/14/2010 17:00	374.2	5.3258	0.274	16.43	0.3	13.22	36.5320	106.1650503	106.203849	3.831112	106.207180	
2010	165	1800	165.750000000		06/14/2010 18:00	375.42	5.3430	0.276	16.42	0.302	13.23	36.4916	106.1773507	106.216150	3.843468	106.219536	
2010	165	1900	165.791666667		06/14/2010 19:00	376.09	5.3524	0.273	16.39	0.299	13.2	36.4695	106.1841059	106.222905	3.850254	106.226321	
2010	165	2000	165.833333333		06/14/2010 20:00	376.35	5.3561	0.276	16.38	0.302	13.11	36.4609	106.1867273	106.225526	3.852887	106.228954	
2010	165	2100	165.875000000		06/14/2010 21:00	376.74	5.3616	0.274	16.38	0.3	13.05	36.4480	106.1906594	106.229459	3.856837	106.232904	
2010	165	2200	165.916666667		06/14/2010 22:00	377.02	5.3655	0.277	16.38	0.303	13.02	36.4387	106.1934824	106.232282	3.859672	106.235740	
2010	165	2300	165.958333333		06/14/2010 23:00	377.33	5.3699	0.269	16.38	0.294	12.97	36.4285	106.1966079	106.235407	3.862812	106.238880	
2010	165	2400	166.000000000		06/15/2010 0:00	377.64	5.3743	0.277	16.4	0.303	12.93	36.4182	106.1997335	106.238533	3.865951	106.242019	
2010	166	100	166.041666667		06/15/2010 1:00	377.74	5.3757	0.279	16.38	0.305	12.89	36.4149	106.2007417	106.239541	3.866964	106.243032	
2010	166	200	166.083333333		06/15/2010 2:00	377.84	5.3771	0.27	16.38	0.296	12.86	36.4116	106.2017499	106.240549	3.867977	106.244045	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	166	300	166.125000000		06/15/2010 3:00	377.92	5.3782	0.278	16.39	0.304	12.83	36.4089	106.2025565	106.241356	3.868787	106.244855	
2010	166	400	166.166666667		06/15/2010 4:00	377.97	5.3789	0.278	16.38	0.304	12.8	36.4073	106.2030606	106.241860	3.869294	106.245361	
2010	166	500	166.208333333		06/15/2010 5:00	377.63	5.3741	0.282	16.39	0.309	12.89	36.4185	106.1996326	106.238432	3.865850	106.241918	
2010	166	600	166.250000000		06/15/2010 6:00	377.45	5.3716	0.286	16.39	0.313	13.5	36.4245	106.1978178	106.236617	3.864027	106.240095	
2010	166	700	166.291666667		06/15/2010 7:00	377.77	5.3761	0.287	16.38	0.314	13.45	36.4139	106.2010442	106.239843	3.867268	106.243336	
2010	166	800	166.333333333		06/15/2010 8:00	377.92	5.3782	0.278	16.38	0.305	13.44	36.4089	106.2025565	106.241356	3.868787	106.244855	
2010	166	900	166.375000000		06/15/2010 9:00	377.97	5.3789	0.271	16.35	0.297	13.41	36.4073	106.2030606	106.241860	3.869294	106.245361	
2010	166	1000	166.416666667		06/15/2010 10:00	379.24	5.3968	0.274	16.37	0.3	13.37	36.3653	106.2158652	106.254664	3.882156	106.258223	
2010	166	1100	166.458333333		06/15/2010 11:00	379.81	5.4048	0.261	16.33	0.286	13.35	36.3464	106.2216121	106.260411	3.887928	106.263996	
2010	166	1200	166.500000000		06/15/2010 12:00	381.09	5.4228	0.261	16.34	0.286	13.34	36.3041	106.2345175	106.273317	3.900892	106.276960	
2010	166	1300	166.541666667		06/15/2010 13:00	383.35	5.4546	0.251	16.3	0.275	13.32	36.2293	106.2573036	106.296103	3.923780	106.299848	
2010	166	1400	166.583333333		06/15/2010 14:00	385.1	5.4793	0.249	16.31	0.273	13.29	36.1714	106.2749476	106.313747	3.941504	106.317571	
2010	166	1500	166.625000000		06/15/2010 15:00	385.67	5.4873	0.249	16.3	0.273	13.29	36.1526	106.2806946	106.319494	3.947277	106.323344	
2010	166	1600	166.666666667		06/15/2010 16:00	387.66	5.5153	0.25	16.3	0.274	13.31	36.0868	106.3007584	106.339558	3.967431	106.343498	
2010	166	1700	166.708333333		06/15/2010 17:00	388.64	5.5291	0.252	16.3	0.276	13.32	36.0543	106.3106391	106.349438	3.977356	106.353423	
2010	166	1800	166.750000000		06/15/2010 18:00	389.55	5.5419	0.252	16.29	0.276	13.35	36.0242	106.319814	106.358613	3.986572	106.362640	
2010	166	1900	166.791666667		06/15/2010 19:00	390.49	5.5552	0.252	16.31	0.276	13.3	35.9931	106.3292914	106.368091	3.996092	106.372160	
2010	166	2000	166.833333333		06/15/2010 20:00	391.02	5.5626	0.251	16.3	0.275	13.21	35.9756	106.334635	106.373434	4.001459	106.377527	
2010	166	2100	166.875000000		06/15/2010 21:00	391.32	5.5669	0.251	16.3	0.275	13.15	35.9657	106.3376597	106.376459	4.004498	106.380565	
2010	166	2200	166.916666667		06/15/2010 22:00	391.5	5.5694	0.251	16.3	0.275	13.1	35.9597	106.3394745	106.378274	4.006321	106.382388	
2010	166	2300	166.958333333		06/15/2010 23:00	391.6	5.5708	0.251	16.29	0.275	13.06	35.9564	106.3404828	106.379282	4.007334	106.383401	
2010	166	2400	167.000000000		06/16/2010 0:00	391.57	5.5704	0.251	16.31	0.275	13.02	35.9574	106.3401803	106.378980	4.007030	106.383097	
2010	167	100	167.041666667		06/16/2010 1:00	391.77	5.5732	0.251	16.3	0.274	12.98	35.9508	106.3421968	106.380996	4.009055	106.385123	
2010	167	200	167.083333333		06/16/2010 2:00	391.82	5.5739	0.25	16.31	0.274	12.95	35.9491	106.3427009	106.381500	4.009562	106.385629	
2010	167	300	167.125000000		06/16/2010 3:00	391.92	5.5753	0.253	16.3	0.277	12.92	35.9458	106.3437091	106.382508	4.010574	106.386642	
2010	167	400	167.166666667		06/16/2010 4:00	391.93	5.5754	0.253	16.3	0.277	12.89	35.9455	106.3438099	106.382609	4.010676	106.386743	
2010	167	500	167.208333333		06/16/2010 5:00	391.9	5.5750	0.25	16.3	0.274	12.89	35.9465	106.3435075	106.382307	4.010372	106.386440	
2010	167	600	167.250000000		06/16/2010 6:00	391.98	5.5761	0.25	16.31	0.274	13.59	35.9439	106.3443141	106.383113	4.011182	106.387250	
2010	167	700	167.291666667		06/16/2010 7:00	392.04	5.5770	0.252	16.3	0.276	13.54	35.9419	106.344919	106.383718	4.011790	106.387857	
2010	167	800	167.333333333		06/16/2010 8:00	392.62	5.5852	0.25	16.3	0.274	13.51	35.9227	106.3507667	106.389566	4.017664	106.393731	
2010	167	900	167.375000000		06/16/2010 9:00	393.58	5.5987	0.249	16.27	0.273	13.46	35.8909	106.3604458	106.399245	4.027386	106.403454	
2010	167	1000	167.416666667		06/16/2010 10:00	393.73	5.6008	0.246	16.28	0.27	13.42	35.8860	106.3619581	106.400757	4.028905	106.404973	
2010	167	1100	167.458333333		06/16/2010 11:00	396.09	5.6340	0.243	16.29	0.266	13.39	35.8079	106.3857524	106.424552	4.052807	106.428874	
2010	167	1200	167.500000000		06/16/2010 12:00	395.89	5.6312	0.242	16.28	0.265	13.38	35.8145	106.383736	106.422535	4.050781	106.426849	
2010	167	1300	167.541666667		06/16/2010 13:00	397.8	5.6581	0.24	16.29	0.263	13.34	35.7513	106.4029932	106.441792	4.070125	106.446193	
2010	167	1400	167.583333333		06/16/2010 14:00	397.77	5.6577	0.239	16.27	0.262	13.34	35.7523	106.4026907	106.441490	4.069821	106.445889	
2010	167	1500	167.625000000		06/16/2010 15:00	398.46	5.6674	0.238	16.29	0.261	13.32	35.7295	106.4096475	106.448447	4.076809	106.452877	
2010	167	1600	167.666666667		06/16/2010 16:00	399.76	5.6857	0.239	16.27	0.261	13.31	35.6865	106.4227546	106.461554	4.089975	106.466043	
2010	167	1700	167.708333333		06/16/2010 17:00	401.05	5.7038	0.239	16.27	0.262	13.36	35.6438	106.4357608	106.474560	4.103040	106.479108	
2010	167	1800	167.750000000		06/16/2010 18:00	401.28	5.7071	0.24	16.29	0.263	13.41	35.6362	106.4380797	106.476879	4.105369	106.481437	
2010	167	1900	167.791666667		06/16/2010 19:00	401.75	5.7137	0.241	16.28	0.264	13.39	35.6207	106.4428184	106.481618	4.110129	106.486197	
2010	167	2000	167.833333333		06/16/2010 20:00	402.2	5.7200	0.241	16.28	0.265	13.28	35.6058	106.4473554	106.486155	4.114687	106.490754	
2010	167	2100	167.875000000		06/16/2010 21:00	402.64	5.7262	0.242	16.28	0.265	13.21	35.5912	106.4517917	106.490591	4.119143	106.495211	
2010	167	2200	167.916666667		06/16/2010 22:00	402.65	5.7264	0.242	16.28	0.266	13.17	35.5909	106.4518925	106.490692	4.119244	106.495312	
2010	167	2300	167.958333333		06/16/2010 23:00	402.43	5.7233	0.242	16.29	0.266	13.12	35.5982	106.4496744	106.488474	4.117016	106.493084	
2010	167	2400	168.000000000		06/17/2010 0:00	402.19	5.7199	0.243	16.29	0.266	13.09	35.6061	106.4472546	106.486054	4.114585	106.490653	
2010	168	100	168.041666667		06/17/2010 1:00	401.75	5.7137	0.243	16.31	0.266	13.04	35.6207	106.4428184	106.481618	4.110129	106.486197	
2010	168	200	168.083333333		06/17/2010 2:00	401.41	5.7089	0.245	16.29	0.269	13.01	35.6319	106.4393904	106.478190	4.106686	106.482754	
2010	168	300	168.125000000		06/17/2010 3:00	401.15	5.7052	0.248	16.3	0.272	12.98	35.6405	106.436769	106.475568	4.104053	106.480120	
2010	168	400	168.166666667		06/17/2010 4:00	400.82	5.7006	0.25	16.29	0.274	12.94	35.6514	106.4334418	106.472241	4.100710	106.476778	
2010	168	500	168.208333333		06/17/2010 5:00	400.64	5.6981	0.249	16.29	0.273	12.91	35.6574	106.431627	106.470426	4.098888	106.474955	
2010	168	600	168.250000000		06/17/2010 6:00	400.5	5.6961	0.249	16.3	0.273	13.07	35.6620	106.4302155	106.469015	4.097470	106.473537	
2010	168	700	168.291666667		06/17/2010 7:00	400.65	5.6982	0.248	16.29	0.271	13.47	35.6571	106.4317278	106.470527	4.098989	106.475056	
2010	168	800	168.333333333		06/17/2010 8:00	400.7	5.6989	0.245	16.31	0.268	13.47	35.6554	106.432232	106.471031	4.099495	106.475563	
2010	168	900	168.375000000		06/17/2010 9:00	401.16	5.7054	0.242	16.3	0.265	13.43	35.6402	106.4368698	106.475669	4.104154	106.480222	
2010	168	1000	168.416666667		06/17/2010 10:00	401.27	5.7069	0.239	16.27	0.262	13.39	35.6366	106.4379789	106.476778	4.105268	106.481336	
2010	168	1100	168.458333333		06/17/2010 11:00	401.77	5.7140	0.237	16.28	0.26	13.36	35.6200	106.44302	106.481819	4.110332	106.486399	
2010	168	1200	168.500000000		06/17/2010 12:00	402.34	5.7220	0.236	16.27	0.259	13.34	35.6012	106.448767	106.487566	4.116105	106.492172	
2010	168	1300	168.541666667		06/17/2010 13:00	402.11	5.7188	0.235	16.29	0.257	13.32	35.6088	106.446448	106.485247	4.113775	106.489843	
2010	168	1400	168.583333333		06/17/2010 14:00	402.97	5.7309	0.235	16.27	0.257	13.3	35.5803	106.4551188	106.493918	4.122485	106.498553	
2010	168	1500	168.625000000		06/17/2010 15:00	402.91	5.7300	0.237	16.27	0.26	13.3	35.5823	106.4545139	106.493313	4.121877	106.497945	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1600	168.666666667		06/17/2010 16:00	403.49	5.7382	0.23	16.28	0.252	13.3	35.5631	106.4603617	106.499161	4.127751	106.503819	
2010	168	1700	168.708333333		06/17/2010 17:00	402.94	5.7304	0.23	16.28	0.251	13.3	35.5813	106.4548164	106.493616	4.122181	106.498249	
2010	168	1800	168.750000000		06/17/2010 18:00	403.37	5.7365	0.235	16.27	0.258	13.28	35.5671	106.4591518	106.497951	4.126536	106.502604	
2010	168	1900	168.791666667		06/17/2010 19:00	403.88	5.7437	0.228	16.29	0.25	13.26	35.5502	106.4642938	106.503093	4.131701	106.507769	
2010	168	2000	168.833333333		06/17/2010 20:00	403.59	5.7396	0.229	16.28	0.251	13.18	35.5598	106.4613699	106.500169	4.128764	106.504832	
2010	168	2100	168.875000000		06/17/2010 21:00	403.44	5.7375	0.231	16.29	0.253	13.12	35.5648	106.4598575	106.498657	4.127245	106.503313	
2010	168	2200	168.916666667		06/17/2010 22:00	403.41	5.7371	0.237	16.29	0.26	13.07	35.5658	106.4595551	106.498354	4.126941	106.503009	
2010	168	2300	168.958333333		06/17/2010 23:00	403.28	5.7352	0.239	16.3	0.262	13.02	35.5701	106.4582444	106.497044	4.125625	106.501692	
2010	168	2400	169.000000000		06/18/2010 0:00	403.07	5.7323	0.241	16.3	0.264	12.98	35.5770	106.4561271	106.494926	4.123498	106.499565	
2010	169	100	169.041666667		06/18/2010 1:00	402.99	5.7312	0.242	16.29	0.266	12.95	35.5797	106.4553205	106.494120	4.122687	106.498755	
2010	169	200	169.083333333		06/18/2010 2:00	403.04	5.7319	0.24	16.28	0.263	12.91	35.5780	106.4558246	106.494624	4.123194	106.499262	
2010	169	300	169.125000000		06/18/2010 3:00	403.22	5.7344	0.234	16.28	0.257	12.88	35.5720	106.4576394	106.496439	4.125017	106.501085	
2010	169	400	169.166666667		06/18/2010 4:00	403.49	5.7382	0.228	16.28	0.25	12.85	35.5631	106.4603617	106.499161	4.127751	106.503819	
2010	169	500	169.208333333		06/18/2010 5:00	403.33	5.7359	0.223	16.28	0.244	12.94	35.5684	106.4587485	106.497548	4.126131	106.502199	
2010	169	600	169.250000000		06/18/2010 6:00	404.08	5.7465	0.23	16.27	0.252	13.51	35.5436	106.4663102	106.505109	4.133727	106.509794	
2010	169	700	169.291666667		06/18/2010 7:00	404.18	5.7479	0.213	16.26	0.233	13.46	35.5403	106.4673185	106.506118	4.134739	106.510807	
2010	169	800	169.333333333		06/18/2010 8:00	404.92	5.7583	0.211	16.28	0.231	13.42	35.5158	106.4747794	106.513579	4.142234	106.518302	
2010	169	900	169.375000000		06/18/2010 9:00	405.45	5.7658	0.217	16.25	0.238	13.37	35.4983	106.480123	106.518922	4.147602	106.523669	
2010	169	1000	169.416666667		06/18/2010 10:00	406.05	5.7742	0.221	16.27	0.242	13.34	35.4784	106.4861724	106.524972	4.153678	106.529746	
2010	169	1100	169.458333333		06/18/2010 11:00	407.28	5.7916	0.219	16.26	0.24	13.31	35.4378	106.4985737	106.537373	4.166135	106.542203	
2010	169	1200	169.500000000		06/18/2010 12:00	408.22	5.8048	0.216	16.25	0.237	13.29	35.4067	106.5080511	106.546850	4.175655	106.551723	
2010	169	1300	169.541666667		06/18/2010 13:00	409.16	5.8180	0.215	16.24	0.235	13.26	35.3756	106.5175285	106.556328	4.185175	106.561243	
2010	169	1400	169.583333333		06/18/2010 14:00	409.79	5.8269	0.213	16.26	0.234	13.22	35.3547	106.5238803	106.562680	4.191556	106.567623	
2010	169	1500	169.625000000		06/18/2010 15:00	410.07	5.8308	0.214	16.25	0.234	13.2	35.3455	106.5267034	106.565503	4.194391	106.570459	
2010	169	1600	169.666666667		06/18/2010 16:00	411.21	5.8469	0.214	16.24	0.234	13.18	35.3078	106.5381972	106.576996	4.205937	106.582005	
2010	169	1700	169.708333333		06/18/2010 17:00	411.45	5.8503	0.214	16.24	0.234	13.2	35.2998	106.540617	106.579416	4.208367	106.584435	
2010	169	1800	169.750000000		06/18/2010 18:00	411.45	5.8503	0.213	16.23	0.234	13.22	35.2998	106.540617	106.579416	4.208367	106.584435	
2010	169	1900	169.791666667		06/18/2010 19:00	411.2	5.8467	0.214	16.25	0.234	13.24	35.3081	106.5380964	106.576896	4.205836	106.581903	
2010	169	2000	169.833333333		06/18/2010 20:00	410.95	5.8432	0.217	16.25	0.238	13.13	35.3164	106.5355758	106.574375	4.203304	106.579371	
2010	169	2100	169.875000000		06/18/2010 21:00	410.32	5.8344	0.223	16.24	0.244	13.07	35.3372	106.529224	106.568023	4.196923	106.572991	
2010	169	2200	169.916666667		06/18/2010 22:00	409.35	5.8207	0.226	16.26	0.248	13.01	35.3693	106.5194441	106.558243	4.187099	106.563167	
2010	169	2300	169.958333333		06/18/2010 23:00	408.38	5.8070	0.226	16.27	0.248	12.98	35.4014	106.5096642	106.548463	4.177276	106.553343	
2010	169	2400	170.000000000		06/19/2010 0:00	407.41	5.7934	0.225	16.29	0.247	12.94	35.4335	106.4998844	106.538684	4.167452	106.543519	
2010	170	100	170.041666667		06/19/2010 1:00	406.51	5.7807	0.225	16.3	0.246	12.9	35.4632	106.4908103	106.529609	4.158337	106.534405	
2010	170	200	170.083333333		06/19/2010 2:00	405.73	5.7697	0.225	16.33	0.246	12.86	35.4890	106.4829461	106.521745	4.150437	106.526505	
2010	170	300	170.125000000		06/19/2010 3:00	405.2	5.7623	0.225	16.32	0.246	12.83	35.5066	106.4776024	106.516402	4.145070	106.521137	
2010	170	400	170.166666667		06/19/2010 4:00	404.79	5.7565	0.225	16.29	0.246	12.79	35.5201	106.4734687	106.512268	4.140917	106.516985	
2010	170	500	170.208333333		06/19/2010 5:00	404.73	5.7556	0.225	16.32	0.246	12.95	35.5221	106.4728637	106.511663	4.140310	106.516377	
2010	170	600	170.250000000		06/19/2010 6:00	405	5.7595	0.225	16.31	0.246	13.3	35.5132	106.475586	106.514385	4.143044	106.519112	
2010	170	700	170.291666667		06/19/2010 7:00	405	5.7595	0.225	16.29	0.246	13.43	35.5132	106.475586	106.514385	4.143044	106.519112	
2010	170	800	170.333333333		06/19/2010 8:00	405.36	5.7645	0.225	16.29	0.246	13.44	35.5013	106.4792156	106.518015	4.146690	106.522758	
2010	170	900	170.375000000		06/19/2010 9:00	405.6	5.7679	0.225	16.27	0.246	13.39	35.4933	106.4816354	106.520435	4.149121	106.525188	
2010	170	1000	170.416666667		06/19/2010 10:00	406.07	5.7745	0.225	16.26	0.246	13.34	35.4778	106.4863741	106.525173	4.153881	106.529948	
2010	170	1100	170.458333333		06/19/2010 11:00	406.35	5.7785	0.224	16.25	0.246	13.3	35.4685	106.4891971	106.527996	4.156716	106.532784	
2010	170	1200	170.500000000		06/19/2010 12:00	406.27	5.7773	0.22	16.25	0.241	13.27	35.4712	106.4883905	106.527190	4.155906	106.531974	
2010	170	1300	170.541666667		06/19/2010 13:00	405.97	5.7731	0.222	16.25	0.243	13.26	35.4811	106.4853658	106.524165	4.152868	106.528936	
2010	170	1400	170.583333333		06/19/2010 14:00	405.29	5.7635	0.223	16.27	0.245	13.24	35.5036	106.4785098	106.517309	4.145981	106.522049	
2010	170	1500	170.625000000		06/19/2010 15:00	405.55	5.7672	0.224	16.27	0.245	13.21	35.4950	106.4811312	106.519930	4.148614	106.524682	
2010	170	1600	170.666666667		06/19/2010 16:00	405.45	5.7658	0.224	16.26	0.245	13.2	35.4983	106.480123	106.518922	4.147602	106.523669	
2010	170	1700	170.708333333		06/19/2010 17:00	406.35	5.7785	0.224	16.25	0.246	13.18	35.4685	106.4891971	106.527996	4.156716	106.532784	
2010	170	1800	170.750000000		06/19/2010 18:00	406.41	5.7793	0.222	16.26	0.243	13.22	35.4665	106.489802	106.528601	4.157324	106.533392	
2010	170	1900	170.791666667		06/19/2010 19:00	406.33	5.7782	0.219	16.24	0.24	13.17	35.4692	106.4889955	106.527795	4.156514	106.532582	
2010	170	2000	170.833333333		06/19/2010 20:00	406.14	5.7755	0.218	16.26	0.238	13.09	35.4755	106.4870798	106.525879	4.154590	106.530657	
2010	170	2100	170.875000000		06/19/2010 21:00	406.21	5.7765	0.216	16.25	0.236	13.03	35.4731	106.4877856	106.526585	4.155299	106.531366	
2010	170	2200	170.916666667		06/19/2010 22:00	406.41	5.7793	0.215	16.26	0.235	12.99	35.4665	106.489802	106.528601	4.157324	106.533392	
2010	170	2300	170.958333333		06/19/2010 23:00	406.69	5.7832	0.213	16.25	0.234	12.96	35.4573	106.4926251	106.531424	4.160160	106.536228	
2010	170	2400	171.000000000		06/20/2010 0:00	407.11	5.7892	0.215	16.24	0.235	12.92	35.4434	106.4968597	106.535659	4.164413	106.540481	
2010	171	100	171.041666667		06/20/2010 1:00	407.55	5.7954	0.207	16.23	0.227	12.88	35.4288	106.5012959	106.540095	4.168870	106.544937	
2010	171	200	171.083333333		06/20/2010 2:00	408.08	5.8028	0.205	16.25	0.225	12.85	35.4113	106.5066395	106.545439	4.174237	106.550305	
2010	171	300	171.125000000		06/20/2010 3:00	408.71	5.8117	0.206	16.26	0.226	12.82	35.3904	106.5129914	106.551791	4.180618	106.556685	
2010	171	400	171.166666667		06/20/2010 4:00	409.39	5.8213	0.203	16.23	0.223	12.8	35.3680	106.5198474	106.558647	4.187504	106.563572	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	171	500	171.208333333		06/20/2010 5:00	409.9	5.8284	0.213	16.24	0.233	12.78	35.3511	106.5249894	106.563789	4.192670	106.568737	
2010	171	600	171.250000000		06/20/2010 6:00	410.3	5.8341	0.21	16.23	0.23	12.87	35.3379	106.5290223	106.567822	4.196721	106.572788	
2010	171	700	171.291666667		06/20/2010 7:00	410.61	5.8384	0.207	16.23	0.226	13.42	35.3276	106.5321478	106.570947	4.199860	106.575928	
2010	171	800	171.333333333		06/20/2010 8:00	410.6	5.8383	0.206	16.23	0.225	13.42	35.3279	106.532047	106.570846	4.199759	106.575827	
2010	171	900	171.375000000		06/20/2010 9:00	410.42	5.8358	0.213	16.24	0.233	13.41	35.3339	106.5302322	106.569031	4.197936	106.574004	
2010	171	1000	171.416666667		06/20/2010 10:00	409.52	5.8231	0.219	16.24	0.241	13.39	35.3637	106.5211581	106.559957	4.188821	106.564889	
2010	171	1100	171.458333333		06/20/2010 11:00	408.42	5.8076	0.219	16.26	0.24	13.35	35.4000	106.5100675	106.548867	4.177681	106.553748	
2010	171	1200	171.500000000		06/20/2010 12:00	407.43	5.7937	0.221	16.3	0.242	13.32	35.4328	106.500086	106.538885	4.167654	106.543722	
2010	171	1300	171.541666667		06/20/2010 13:00	405.76	5.7702	0.221	16.32	0.242	13.33	35.4880	106.4832485	106.522048	4.150741	106.526809	
2010	171	1400	171.583333333		06/20/2010 14:00	403.58	5.7395	0.222	16.38	0.243	13.31	35.5601	106.4612691	106.500068	4.128663	106.504731	
2010	171	1500	171.625000000		06/20/2010 15:00	401.84	5.7150	0.223	16.39	0.244	13.28	35.6177	106.4437258	106.482525	4.111041	106.487108	
2010	171	1600	171.666666667		06/20/2010 16:00	400.61	5.6976	0.223	16.4	0.244	13.31	35.6584	106.4313245	106.470124	4.098584	106.474651	
2010	171	1700	171.708333333		06/20/2010 17:00	399.51	5.6822	0.224	16.41	0.245	13.32	35.6948	106.420234	106.459033	4.087443	106.463511	
2010	171	1800	171.750000000		06/20/2010 18:00	398.98	5.6747	0.225	16.42	0.246	13.35	35.7123	106.4148904	106.453690	4.082076	106.458143	
2010	171	1900	171.791666667		06/20/2010 19:00	398.54	5.6685	0.225	16.41	0.247	13.35	35.7269	106.4104541	106.449253	4.077619	106.453687	
2010	171	2000	171.833333333		06/20/2010 20:00	398.71	5.6709	0.225	16.39	0.247	13.25	35.7212	106.4121681	106.450967	4.079341	106.455409	
2010	171	2100	171.875000000		06/20/2010 21:00	398.82	5.6724	0.226	16.37	0.247	13.18	35.7176	106.4132772	106.452076	4.080455	106.456523	
2010	171	2200	171.916666667		06/20/2010 22:00	399.11	5.6765	0.225	16.37	0.247	13.13	35.7080	106.4162011	106.455000	4.083392	106.459460	
2010	171	2300	171.958333333		06/20/2010 23:00	399.57	5.6830	0.225	16.35	0.247	13.09	35.6928	106.4208389	106.459638	4.088051	106.464119	
2010	171	2400	172.000000000		06/21/2010 0:00	400.11	5.6906	0.225	16.33	0.247	13.04	35.6749	106.4262834	106.465083	4.093520	106.469588	
2010	172	100	172.041666667		06/21/2010 1:00	400.7	5.6989	0.225	16.31	0.247	13	35.6554	106.432232	106.471031	4.099495	106.475563	
2010	172	200	172.083333333		06/21/2010 2:00	401.35	5.7081	0.226	16.3	0.247	12.96	35.6339	106.4387855	106.477585	4.106078	106.482146	
2010	172	300	172.125000000		06/21/2010 3:00	402.16	5.7195	0.225	16.3	0.246	12.93	35.6071	106.4469522	106.485751	4.114282	106.490349	
2010	172	400	172.166666667		06/21/2010 4:00	403.09	5.7326	0.21	16.28	0.23	12.9	35.5763	106.4563287	106.495128	4.123700	106.499768	
2010	172	500	172.208333333		06/21/2010 5:00	403.98	5.7451	0.204	16.27	0.223	12.92	35.5469	106.465302	106.504101	4.132714	106.508782	
2010	172	600	172.250000000		06/21/2010 6:00	405.01	5.7596	0.202	16.26	0.221	13.25	35.5128	106.4756868	106.514486	4.143145	106.519213	
2010	172	700	172.291666667		06/21/2010 7:00	405.93	5.7725	0.196	16.25	0.215	13.45	35.4824	106.4849625	106.523762	4.152463	106.528530	
2010	172	800	172.333333333		06/21/2010 8:00	407	5.7876	0.194	16.24	0.213	13.44	35.4470	106.4957506	106.534550	4.163299	106.539367	
2010	172	900	172.375000000		06/21/2010 9:00	407.49	5.7945	0.193	16.23	0.211	13.4	35.4308	106.500691	106.539490	4.168262	106.544330	
2010	172	1000	172.416666667		06/21/2010 10:00	408.38	5.8070	0.195	16.23	0.214	13.39	35.4014	106.5096642	106.548463	4.177276	106.553343	
2010	172	1100	172.458333333		06/21/2010 11:00	409.27	5.8196	0.195	16.24	0.214	13.35	35.3719	106.5186375	106.557437	4.186289	106.562357	
2010	172	1200	172.500000000		06/21/2010 12:00	409.77	5.8266	0.199	16.22	0.218	13.33	35.3554	106.5236787	106.562478	4.191353	106.567421	
2010	172	1300	172.541666667		06/21/2010 13:00	410.49	5.8367	0.202	16.22	0.222	13.31	35.3316	106.5309379	106.569737	4.198645	106.574713	
2010	172	1400	172.583333333		06/21/2010 14:00	410.57	5.8379	0.194	16.23	0.213	13.31	35.3289	106.5317445	106.570544	4.199455	106.575523	
2010	172	1500	172.625000000		06/21/2010 15:00	410.66	5.8391	0.196	16.22	0.214	13.29	35.3259	106.5326519	106.571451	4.200367	106.576434	
2010	172	1600	172.666666667		06/21/2010 16:00	410.44	5.8360	0.204	16.23	0.224	13.31	35.3332	106.5304338	106.569233	4.198139	106.574206	
2010	172	1700	172.708333333		06/21/2010 17:00	409.74	5.8262	0.209	16.22	0.229	13.3	35.3564	106.5233762	106.562175	4.191049	106.567117	
2010	172	1800	172.750000000		06/21/2010 18:00	409.39	5.8213	0.211	16.23	0.231	13.28	35.3680	106.5198474	106.558647	4.187504	106.563572	
2010	172	1900	172.791666667		06/21/2010 19:00	409.13	5.8176	0.211	16.23	0.231	13.3	35.3766	106.517226	106.556025	4.184871	106.560939	
2010	172	2000	172.833333333		06/21/2010 20:00	408.37	5.8069	0.211	16.25	0.231	13.21	35.4017	106.5095634	106.548363	4.177174	106.553242	
2010	172	2100	172.875000000		06/21/2010 21:00	407.56	5.7955	0.21	16.27	0.231	13.14	35.4285	106.5013967	106.540196	4.168971	106.545039	
2010	172	2200	172.916666667		06/21/2010 22:00	406.79	5.7847	0.211	16.28	0.231	13.09	35.4540	106.4936333	106.532433	4.161173	106.537240	
2010	172	2300	172.958333333		06/21/2010 23:00	406.23	5.7768	0.211	16.29	0.231	13.05	35.4725	106.4879872	106.526786	4.155501	106.531569	
2010	172	2400	173.000000000		06/22/2010 0:00	405.86	5.7716	0.211	16.32	0.231	13	35.4847	106.4842568	106.523056	4.151754	106.527822	
2010	173	100	173.041666667		06/22/2010 1:00	405.78	5.7704	0.211	16.3	0.231	12.97	35.4874	106.4834502	106.522249	4.150944	106.527011	
2010	173	200	173.083333333		06/22/2010 2:00	405.78	5.7704	0.211	16.28	0.231	12.94	35.4874	106.4834502	106.522249	4.150944	106.527011	
2010	173	300	173.125000000		06/22/2010 3:00	405.96	5.7730	0.211	16.27	0.231	12.9	35.4814	106.485265	106.524064	4.152767	106.528834	
2010	173	400	173.166666667		06/22/2010 4:00	406.37	5.7787	0.211	16.24	0.231	12.87	35.4679	106.4893988	106.528198	4.156919	106.532987	
2010	173	500	173.208333333		06/22/2010 5:00	406.67	5.7830	0.211	16.25	0.231	12.92	35.4579	106.4924235	106.531223	4.159957	106.536025	
2010	173	600	173.250000000		06/22/2010 6:00	407.72	5.7977	0.211	16.24	0.231	13.47	35.4232	106.5030099	106.541809	4.170591	106.546659	
2010	173	700	173.291666667		06/22/2010 7:00	409.23	5.8190	0.197	16.22	0.216	13.42	35.3732	106.5182342	106.557033	4.185884	106.561952	
2010	173	800	173.333333333		06/22/2010 8:00	411.02	5.8442	0.197	16.21	0.216	13.37	35.3140	106.5362816	106.575081	4.204013	106.580080	
2010	173	900	173.375000000		06/22/2010 9:00	412.62	5.8667	0.195	16.19	0.214	13.33	35.2611	106.5524133	106.591213	4.220217	106.596285	
2010	173	1000	173.416666667		06/22/2010 10:00	414.14	5.8881	0.191	16.18	0.209	13.29	35.2108	106.5677384	106.606538	4.235611	106.611679	
2010	173	1100	173.458333333		06/22/2010 11:00	415.4	5.9059	0.191	16.17	0.21	13.27	35.1692	106.5804422	106.619241	4.248372	106.624439	
2010	173	1200	173.500000000		06/22/2010 12:00	416.8	5.9256	0.188	16.17	0.207	13.25	35.1228	106.5945574	106.633357	4.262550	106.638618	
2010	173	1300	173.541666667		06/22/2010 13:00	418.9	5.9551	0.187	16.17	0.205	13.22	35.0534	106.6157303	106.654530	4.283818	106.659886	
2010	173	1400	173.583333333		06/22/2010 14:00	419.36	5.9616	0.187	16.16	0.205	13.2	35.0382	106.6203682	106.659167	4.288477	106.664545	
2010	173	1500	173.625000000		06/22/2010 15:00	420.63	5.9795	0.187	16.13	0.205	13.18	34.9962	106.6331728	106.671972	4.301339	106.677407	
2010	173	1600	173.666666667		06/22/2010 16:00	421.44	5.9909	0.188	16.16	0.206	13.16	34.9694	106.6413394	106.680139	4.309543	106.685610	
2010	173	1700	173.708333333		06/22/2010 17:00	421.99	5.9987	0.188	16.15	0.206	13.15	34.9512	106.6468847	106.685684	4.315113	106.691181	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	173	1800	173.750000000		06/22/2010 18:00	422.73	6.0091	0.189	16.16	0.208	13.17	34.9267	106.6543456	106.693145	4.322607	106.698675	
2010	173	1900	173.791666667		06/22/2010 19:00	423.2	6.0157	0.19	16.16	0.209	13.22	34.9111	106.6590843	106.697884	4.327367	106.703435	
2010	173	2000	173.833333333		06/22/2010 20:00	423.56	6.0208	0.191	16.14	0.21	13.1	34.8992	106.662714	106.701513	4.331013	106.707081	
2010	173	2100	173.875000000		06/22/2010 21:00	424.03	6.0274	0.192	16.16	0.21	13.04	34.8837	106.6674527	106.706252	4.335773	106.711841	
2010	173	2200	173.916666667		06/22/2010 22:00	424.7	6.0368	0.192	16.15	0.211	12.99	34.8615	106.6742078	106.713007	4.342559	106.718627	
2010	173	2300	173.958333333		06/22/2010 23:00	425.43	6.0471	0.193	16.14	0.212	12.96	34.8374	106.6815679	106.720367	4.349952	106.726020	
2010	173	2400	174.000000000		06/23/2010 0:00	426.42	6.0610	0.193	16.16	0.212	12.92	34.8046	106.6915494	106.730349	4.359978	106.736046	
2010	174	100	174.041666667		06/23/2010 1:00	427.39	6.0747	0.194	16.15	0.213	12.88	34.7725	106.7013293	106.740128	4.369802	106.745870	
2010	174	200	174.083333333		06/23/2010 2:00	428.32	6.0878	0.195	16.15	0.214	12.85	34.7418	106.7107059	106.749505	4.379221	106.755289	
2010	174	300	174.125000000		06/23/2010 3:00	429.14	6.0993	0.197	16.16	0.216	12.82	34.7147	106.7189734	106.757773	4.387526	106.763593	
2010	174	400	174.166666667		06/23/2010 4:00	429.56	6.1052	0.198	16.16	0.217	12.8	34.7008	106.7232079	106.762007	4.391779	106.767847	
2010	174	500	174.208333333		06/23/2010 5:00	429.72	6.1075	0.199	16.15	0.218	12.84	34.6955	106.7248211	106.763620	4.393400	106.769467	
2010	174	600	174.250000000		06/23/2010 6:00	429.69	6.1071	0.2	16.16	0.22	13.38	34.6965	106.7245186	106.763318	4.393096	106.769164	
2010	174	700	174.291666667		06/23/2010 7:00	429.9	6.1100	0.202	16.16	0.221	13.38	34.6895	106.7266359	106.765435	4.395223	106.771290	
2010	174	800	174.333333333		06/23/2010 8:00	428.95	6.0966	0.203	16.17	0.222	13.33	34.7209	106.7170577	106.755857	4.385601	106.761669	
2010	174	900	174.375000000		06/23/2010 9:00	429.37	6.1026	0.203	16.17	0.223	13.28	34.7070	106.7212923	106.760092	4.389855	106.765923	
2010	174	1000	174.416666667		06/23/2010 10:00	429.42	6.1033	0.204	16.16	0.224	13.25	34.7054	106.7217964	106.760596	4.390361	106.766429	
2010	174	1100	174.458333333		06/23/2010 11:00	428.72	6.0934	0.204	16.16	0.224	13.24	34.7285	106.7147388	106.753538	4.383272	106.759340	
2010	174	1200	174.500000000		06/23/2010 12:00	428.37	6.0885	0.204	16.17	0.224	13.21	34.7401	106.71121	106.750009	4.379727	106.755795	
2010	174	1300	174.541666667		06/23/2010 13:00	427.69	6.0789	0.205	16.16	0.225	13.18	34.7626	106.704354	106.743153	4.372841	106.748908	
2010	174	1400	174.583333333		06/23/2010 14:00	426.76	6.0658	0.206	16.17	0.225	13.16	34.7934	106.6949774	106.733777	4.363422	106.739490	
2010	174	1500	174.625000000		06/23/2010 15:00	426.39	6.0606	0.205	16.19	0.225	13.15	34.8056	106.691247	106.730046	4.359675	106.735742	
2010	174	1600	174.666666667		06/23/2010 16:00	425.73	6.0513	0.206	16.21	0.225	13.14	34.8275	106.6845926	106.723392	4.352990	106.729058	
2010	174	1700	174.708333333		06/23/2010 17:00	425.33	6.0457	0.206	16.22	0.225	13.14	34.8407	106.6805597	106.719359	4.348939	106.725007	
2010	174	1800	174.750000000		06/23/2010 18:00	425.14	6.0430	0.206	16.22	0.225	13.16	34.8470	106.6786441	106.717443	4.347015	106.723083	
2010	174	1900	174.791666667		06/23/2010 19:00	425.64	6.0500	0.205	16.19	0.225	13.18	34.8304	106.6836852	106.722484	4.352079	106.728147	
2010	174	2000	174.833333333		06/23/2010 20:00	425.88	6.0534	0.205	16.19	0.225	13.08	34.8225	106.686105	106.724904	4.354509	106.730577	
2010	174	2100	174.875000000		06/23/2010 21:00	426.43	6.0612	0.205	16.19	0.225	13.01	34.8043	106.6916503	106.730449	4.360080	106.736147	
2010	174	2200	174.916666667		06/23/2010 22:00	427.01	6.0693	0.205	16.18	0.225	12.96	34.7851	106.697498	106.736297	4.365954	106.742021	
2010	174	2300	174.958333333		06/23/2010 23:00	427.63	6.0781	0.205	16.18	0.225	12.92	34.7646	106.7037491	106.742548	4.372233	106.748301	
2010	174	2400	175.000000000		06/24/2010 0:00	428.14	6.0852	0.196	16.18	0.215	12.88	34.7477	106.708891	106.747690	4.377398	106.753466	
2010	175	100	175.041666667		06/24/2010 1:00	428.82	6.0948	0.192	16.17	0.211	12.84	34.7252	106.715747	106.754546	4.384285	106.760353	
2010	175	200	175.083333333		06/24/2010 2:00	429.36	6.1024	0.192	16.17	0.211	12.81	34.7074	106.7211915	106.759991	4.389754	106.765821	
2010	175	300	175.125000000		06/24/2010 3:00	430.09	6.1127	0.188	16.17	0.207	12.78	34.6832	106.7285516	106.767351	4.397147	106.773215	
2010	175	400	175.166666667		06/24/2010 4:00	430.83	6.1231	0.191	16.17	0.21	12.75	34.6588	106.7360125	106.774812	4.404641	106.780709	
2010	175	500	175.208333333		06/24/2010 5:00	431.4	6.1311	0.189	16.16	0.207	12.79	34.6399	106.7417594	106.780559	4.410414	106.786482	
2010	175	600	175.250000000		06/24/2010 6:00	432.02	6.1399	0.187	16.15	0.205	13.16	34.6194	106.7480105	106.786810	4.416693	106.792761	
2010	175	700	175.291666667		06/24/2010 7:00	432.93	6.1527	0.185	16.14	0.203	13.31	34.5893	106.7571854	106.795985	4.425909	106.801977	
2010	175	800	175.333333333		06/24/2010 8:00	433.79	6.1648	0.184	16.13	0.202	13.29	34.5608	106.7658562	106.804655	4.434619	106.810687	
2010	175	900	175.375000000		06/24/2010 9:00	434.37	6.1730	0.185	16.13	0.203	13.24	34.5417	106.7717039	106.810503	4.440493	106.816561	
2010	175	1000	175.416666667		06/24/2010 10:00	435.15	6.1839	0.186	16.14	0.205	13.22	34.5159	106.7795682	106.818367	4.448393	106.824461	
2010	175	1100	175.458333333		06/24/2010 11:00	436.35	6.2008	0.187	16.12	0.206	13.2	34.4762	106.791667	106.830466	4.460546	106.836614	
2010	175	1200	175.500000000		06/24/2010 12:00	436.65	6.2051	0.189	16.11	0.207	13.18	34.4662	106.7946917	106.833491	4.463584	106.839652	
2010	175	1300	175.541666667		06/24/2010 13:00	437.5	6.2170	0.19	16.1	0.208	13.16	34.4381	106.8032616	106.842061	4.472193	106.848261	
2010	175	1400	175.583333333		06/24/2010 14:00	436.81	6.2073	0.19	16.1	0.209	13.14	34.4609	106.7963048	106.835104	4.465205	106.841272	
2010	175	1500	175.625000000		06/24/2010 15:00	437.09	6.2112	0.191	16.12	0.21	13.14	34.4517	106.7991279	106.837927	4.468040	106.844108	
2010	175	1600	175.666666667		06/24/2010 16:00	437.31	6.2143	0.192	16.11	0.211	13.14	34.4444	106.801346	106.840145	4.470269	106.846336	
2010	175	1700	175.708333333		06/24/2010 17:00	437.57	6.2180	0.192	16.13	0.21	13.14	34.4358	106.8039674	106.842767	4.472902	106.848969	
2010	175	1800	175.750000000		06/24/2010 18:00	437.18	6.2125	0.192	16.11	0.211	13.16	34.4487	106.8000353	106.838834	4.468952	106.845020	
2010	175	1900	175.791666667		06/24/2010 19:00	437.25	6.2135	0.191	16.13	0.21	13.17	34.4464	106.800741	106.839540	4.469661	106.845729	
2010	175	2000	175.833333333		06/24/2010 20:00	437.09	6.2112	0.191	16.13	0.209	13.07	34.4517	106.7991279	106.837927	4.468040	106.844108	
2010	175	2100	175.875000000		06/24/2010 21:00	437.12	6.2117	0.19	16.12	0.209	13	34.4507	106.7994303	106.838230	4.468344	106.844412	
2010	175	2200	175.916666667		06/24/2010 22:00	437.07	6.2110	0.19	16.13	0.209	12.96	34.4523	106.7989262	106.837725	4.467838	106.843906	
2010	175	2300	175.958333333		06/24/2010 23:00	437.05	6.2107	0.19	16.13	0.208	12.91	34.4530	106.7987246	106.837524	4.467635	106.843703	
2010	175	2400	176.000000000		06/25/2010 0:00	437.11	6.2115	0.189	16.12	0.207	12.88	34.4510	106.7993295	106.838129	4.468243	106.844311	
2010	176	100	176.041666667		06/25/2010 1:00	437.31	6.2143	0.187	16.13	0.205	12.83	34.4444	106.801346	106.840145	4.470269	106.846336	
2010	176	200	176.083333333		06/25/2010 2:00	437.47	6.2166	0.186	16.12	0.204	12.8	34.4391	106.8029592	106.841758	4.471889	106.847957	
2010	176	300	176.125000000		06/25/2010 3:00	437.5	6.2170	0.185	16.12	0.203	12.77	34.4381	106.8032616	106.842061	4.472193	106.848261	
2010	176	400	176.166666667		06/25/2010 4:00	437.65	6.2191	0.183	16.13	0.201	12.74	34.4332	106.804774	106.843573	4.473712	106.849780	
2010	176	500	176.208333333		06/25/2010 5:00	437.69	6.2197	0.183	16.13	0.2	12.77	34.4318	106.8051773	106.843976	4.474117	106.850185	
2010	176	600	176.250000000		06/25/2010 6:00	437.73	6.2203	0.182	16.13	0.199	13.37	34.4305	106.8055806	106.844380	4.474522	106.850590	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	176	700	176.291666667		06/25/2010 7:00	437.87	6.2222	0.181	16.13	0.198	13.36	34.4259	106.8069921	106.845791	4.475940	106.852008	
2010	176	800	176.333333333		06/25/2010 8:00	438	6.2241	0.179	16.12	0.197	13.34	34.4216	106.8083028	106.847102	4.477257	106.853324	
2010	176	900	176.375000000		06/25/2010 9:00	437.95	6.2234	0.179	16.1	0.197	13.3	34.4232	106.8077987	106.846598	4.476750	106.852818	
2010	176	1000	176.416666667		06/25/2010 10:00	437.22	6.2131	0.182	16.11	0.2	13.27	34.4474	106.8004386	106.839238	4.469357	106.845425	
2010	176	1100	176.458333333		06/25/2010 11:00	438.15	6.2262	0.19	16.12	0.208	13.23	34.4166	106.8098151	106.848614	4.478776	106.854844	
2010	176	1200	176.500000000		06/25/2010 12:00	437.78	6.2210	0.195	16.12	0.214	13.23	34.4289	106.8060847	106.844884	4.475029	106.851096	
2010	176	1300	176.541666667		06/25/2010 13:00	437.26	6.2136	0.196	16.13	0.215	13.2	34.4461	106.8008419	106.839641	4.469762	106.845830	
2010	176	1400	176.583333333		06/25/2010 14:00	436.51	6.2031	0.196	16.14	0.216	13.18	34.4709	106.7932801	106.832079	4.462166	106.838234	
2010	176	1500	176.625000000		06/25/2010 15:00	436.98	6.2097	0.196	16.14	0.215	13.16	34.4553	106.7980188	106.836818	4.466926	106.842994	
2010	176	1600	176.666666667		06/25/2010 16:00	436.2	6.1987	0.196	16.15	0.215	13.14	34.4811	106.7901546	106.828954	4.459027	106.835095	
2010	176	1700	176.708333333		06/25/2010 17:00	435.72	6.1920	0.195	16.17	0.214	13.14	34.4970	106.7853151	106.824114	4.454166	106.830233	
2010	176	1800	176.750000000		06/25/2010 18:00	435.45	6.1882	0.195	16.16	0.214	13.16	34.5059	106.7825929	106.821392	4.451431	106.827499	
2010	176	1900	176.791666667		06/25/2010 19:00	434.98	6.1815	0.195	16.18	0.214	13.15	34.5215	106.7778542	106.816653	4.446671	106.822739	
2010	176	2000	176.833333333		06/25/2010 20:00	434.72	6.1779	0.195	16.17	0.214	13.05	34.5301	106.7752328	106.814032	4.444038	106.820106	
2010	176	2100	176.875000000		06/25/2010 21:00	434.43	6.1738	0.195	16.16	0.214	12.99	34.5397	106.7723089	106.811108	4.441101	106.817169	
2010	176	2200	176.916666667		06/25/2010 22:00	434.38	6.1731	0.195	16.18	0.214	12.94	34.5413	106.7718048	106.810604	4.440595	106.816662	
2010	176	2300	176.958333333		06/25/2010 23:00	434.71	6.1777	0.195	16.15	0.214	12.89	34.5304	106.7751319	106.813931	4.443937	106.820004	
2010	176	2400	177.000000000		06/26/2010 0:00	435.12	6.1835	0.195	16.14	0.214	12.85	34.5168	106.7792657	106.818065	4.448089	106.824157	
2010	177	100	177.041666667		06/26/2010 1:00	435.6	6.1903	0.195	16.12	0.214	12.81	34.5010	106.7841052	106.822904	4.452950	106.829018	
2010	177	200	177.083333333		06/26/2010 2:00	436.45	6.2022	0.192	16.11	0.211	12.78	34.4729	106.7926752	106.831474	4.461559	106.837627	
2010	177	300	177.125000000		06/26/2010 3:00	437.23	6.2132	0.178	16.1	0.196	12.76	34.4470	106.8005394	106.839339	4.469458	106.845526	
2010	177	400	177.166666667		06/26/2010 4:00	438.12	6.2257	0.174	16.1	0.191	12.72	34.4176	106.8095127	106.848312	4.478472	106.854540	
2010	177	500	177.208333333		06/26/2010 5:00	438.4	6.2297	0.171	16.1	0.188	12.78	34.4083	106.8123357	106.851135	4.481308	106.857375	
2010	177	600	177.250000000		06/26/2010 6:00	438.99	6.2380	0.171	16.11	0.187	13.18	34.3888	106.8182843	106.857084	4.487283	106.863351	
2010	177	700	177.291666667		06/26/2010 7:00	439.4	6.2438	0.169	16.08	0.186	13.35	34.3753	106.8224181	106.861217	4.491435	106.867503	
2010	177	800	177.333333333		06/26/2010 8:00	439.7	6.2480	0.169	16.08	0.185	13.31	34.3653	106.8254428	106.864242	4.494474	106.870541	
2010	177	900	177.375000000		06/26/2010 9:00	439.72	6.2483	0.168	16.08	0.185	13.27	34.3647	106.8256444	106.864444	4.494676	106.870744	
2010	177	1000	177.416666667		06/26/2010 10:00	439.97	6.2518	0.168	16.07	0.185	13.25	34.3564	106.828165	106.866964	4.497208	106.873276	
2010	177	1100	177.458333333		06/26/2010 11:00	440.31	6.2566	0.168	16.07	0.184	13.23	34.3452	106.831593	106.870392	4.500652	106.876719	
2010	177	1200	177.500000000		06/26/2010 12:00	440.45	6.2586	0.168	16.07	0.184	13.22	34.3405	106.8330045	106.871804	4.502069	106.878137	
2010	177	1300	177.541666667		06/26/2010 13:00	441.15	6.2684	0.168	16.07	0.184	13.2	34.3174	106.8400621	106.878861	4.509159	106.885226	
2010	177	1400	177.583333333		06/26/2010 14:00	440.92	6.2652	0.167	16.04	0.184	13.17	34.3250	106.8377432	106.876542	4.506829	106.882897	
2010	177	1500	177.625000000		06/26/2010 15:00	441.28	6.2702	0.17	16.05	0.187	13.15	34.3131	106.8413728	106.880172	4.510475	106.886543	
2010	177	1600	177.666666667		06/26/2010 16:00	441.16	6.2685	0.167	16.06	0.184	13.13	34.3171	106.840163	106.878962	4.509260	106.885328	
2010	177	1700	177.708333333		06/26/2010 17:00	441.63	6.2752	0.17	16.05	0.187	13.13	34.3015	106.8449016	106.883701	4.514020	106.890088	
2010	177	1800	177.750000000		06/26/2010 18:00	441.34	6.2711	0.178	16.06	0.195	13.14	34.3111	106.8419778	106.880777	4.511083	106.887151	
2010	177	1900	177.791666667		06/26/2010 19:00	440.94	6.2654	0.183	16.06	0.201	13.11	34.3243	106.8379448	106.876744	4.507032	106.883100	
2010	177	2000	177.833333333		06/26/2010 20:00	440.43	6.2583	0.184	16.08	0.202	13.02	34.3412	106.8328029	106.871602	4.501867	106.877935	
2010	177	2100	177.875000000		06/26/2010 21:00	439.69	6.2479	0.184	16.1	0.201	12.95	34.3657	106.8253419	106.864141	4.494372	106.870440	
2010	177	2200	177.916666667		06/26/2010 22:00	439.01	6.2383	0.184	16.11	0.201	12.9	34.3882	106.8184859	106.857285	4.487486	106.863553	
2010	177	2300	177.958333333		06/26/2010 23:00	438.28	6.2280	0.184	16.14	0.202	12.86	34.4123	106.8111258	106.849925	4.480092	106.856160	
2010	177	2400	178.000000000		06/27/2010 0:00	437.44	6.2162	0.184	16.17	0.201	12.83	34.4401	106.8026567	106.841456	4.471585	106.847653	
2010	178	100	178.041666667		06/27/2010 1:00	436.51	6.2031	0.183	16.17	0.201	12.79	34.4709	106.7932801	106.832079	4.462166	106.838234	
2010	178	200	178.083333333		06/27/2010 2:00	435.42	6.1877	0.184	16.2	0.202	12.76	34.5069	106.7822904	106.821090	4.451127	106.827195	
2010	178	300	178.125000000		06/27/2010 3:00	434.45	6.1741	0.185	16.24	0.202	12.73	34.5390	106.7725105	106.811310	4.441303	106.817371	
2010	178	400	178.166666667		06/27/2010 4:00	433.52	6.1610	0.186	16.22	0.204	12.7	34.5698	106.763134	106.801933	4.431885	106.807952	
2010	178	500	178.208333333		06/27/2010 5:00	432.27	6.1434	0.186	16.26	0.204	12.75	34.6111	106.7505311	106.789330	4.419225	106.795293	
2010	178	600	178.250000000		06/27/2010 6:00	431.71	6.1355	0.186	16.27	0.204	13.11	34.6296	106.744885	106.783684	4.413554	106.789621	
2010	178	700	178.291666667		06/27/2010 7:00	431.33	6.1302	0.187	16.24	0.205	13.33	34.6422	106.7410537	106.779853	4.409705	106.785773	
2010	178	800	178.333333333		06/27/2010 8:00	430.96	6.1249	0.187	16.24	0.205	13.3	34.6545	106.7373232	106.776122	4.405958	106.782026	
2010	178	900	178.375000000		06/27/2010 9:00	430.61	6.1200	0.187	16.22	0.205	13.27	34.6660	106.7337944	106.772594	4.402413	106.778481	
2010	178	1000	178.416666667		06/27/2010 10:00	430.88	6.1238	0.187	16.21	0.205	13.24	34.6571	106.7365166	106.775316	4.405148	106.781215	
2010	178	1100	178.458333333		06/27/2010 11:00	431.59	6.1338	0.187	16.18	0.206	13.22	34.6336	106.7436751	106.782474	4.412338	106.788406	
2010	178	1200	178.500000000		06/27/2010 12:00	432.01	6.1397	0.187	16.16	0.206	13.21	34.6197	106.7479096	106.786709	4.416592	106.792660	
2010	178	1300	178.541666667		06/27/2010 13:00	433.18	6.1562	0.187	16.14	0.205	13.18	34.5810	106.759706	106.798505	4.428441	106.804509	
2010	178	1400	178.583333333		06/27/2010 14:00	432.78	6.1506	0.186	16.11	0.204	13.16	34.5942	106.755673	106.794472	4.424390	106.800458	
2010	178	1500	178.625000000		06/27/2010 15:00	434.5	6.1748	0.186	16.09	0.204	13.14	34.5374	106.7730146	106.811814	4.441810	106.817878	
2010	178	1600	178.666666667		06/27/2010 16:00	435.03	6.1822	0.186	16.09	0.205	13.12	34.5198	106.7783583	106.817157	4.447178	106.823245	
2010	178	1700	178.708333333		06/27/2010 17:00	434.98	6.1815	0.187	16.09	0.205	13.12	34.5215	106.7778542	106.816653	4.446671	106.822739	
2010	178	1800	178.750000000		06/27/2010 18:00	435.55	6.1896	0.187	16.08	0.205	13.13	34.5026	106.7836011	106.822400	4.452444	106.828512	
2010	178	1900	178.791666667		06/27/2010 19:00	435.27	6.1856	0.18	16.09	0.198	13.1	34.5119	106.780778	106.819577	4.449608	106.825676	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	178	2000	178.833333333		06/27/2010 20:00	435.2	6.1846	0.181	16.1	0.199	13.01	34.5142	106.7800723	106.818871	4.448899	106.824967	
2010	178	2100	178.875000000		06/27/2010 21:00	434.99	6.1817	0.18	16.09	0.198	12.95	34.5211	106.777955	106.816754	4.446772	106.822840	
2010	178	2200	178.916666667		06/27/2010 22:00	434.58	6.1759	0.183	16.1	0.2	12.9	34.5347	106.7738212	106.812620	4.442620	106.818688	
2010	178	2300	178.958333333		06/27/2010 23:00	434.2	6.1706	0.184	16.1	0.202	12.86	34.5473	106.7699899	106.808789	4.438772	106.814839	
2010	178	2400	179.000000000		06/28/2010 0:00	433.67	6.1631	0.184	16.11	0.202	12.83	34.5648	106.7646463	106.803446	4.433404	106.809472	
2010	179	100	179.041666667		06/28/2010 1:00	433.06	6.1545	0.184	16.11	0.202	12.79	34.5850	106.7584961	106.797295	4.427226	106.803294	
2010	179	200	179.083333333		06/28/2010 2:00	432.49	6.1465	0.184	16.13	0.202	12.75	34.6038	106.7527492	106.791548	4.421453	106.797521	
2010	179	300	179.125000000		06/28/2010 3:00	431.98	6.1393	0.184	16.14	0.202	12.73	34.6207	106.7476072	106.786406	4.416288	106.792356	
2010	179	400	179.166666667		06/28/2010 4:00	431.6	6.1340	0.184	16.15	0.202	12.7	34.6333	106.7437759	106.782575	4.412440	106.788507	
2010	179	500	179.208333333		06/28/2010 5:00	430.89	6.1240	0.185	16.14	0.203	12.74	34.6568	106.7366174	106.775417	4.405249	106.781317	
2010	179	600	179.250000000		06/28/2010 6:00	430.76	6.1221	0.185	16.14	0.203	13.05	34.6611	106.7353067	106.774106	4.403932	106.780000	
2010	179	700	179.291666667		06/28/2010 7:00	430.72	6.1216	0.184	16.12	0.202	13.3	34.6624	106.7349034	106.773703	4.403527	106.779595	
2010	179	800	179.333333333		06/28/2010 8:00	430.77	6.1223	0.185	16.12	0.203	13.27	34.6607	106.7354076	106.774207	4.404034	106.780101	
2010	179	900	179.375000000		06/28/2010 9:00	430.59	6.1197	0.185	16.11	0.203	13.22	34.6667	106.7335927	106.772392	4.402211	106.778278	
2010	179	1000	179.416666667		06/28/2010 10:00	430.76	6.1221	0.185	16.12	0.203	13.2	34.6611	106.7353067	106.774106	4.403932	106.780000	
2010	179	1100	179.458333333		06/28/2010 11:00	430.64	6.1204	0.185	16.11	0.203	13.19	34.6650	106.7340969	106.772896	4.402717	106.778785	
2010	179	1200	179.500000000		06/28/2010 12:00	430.3	6.1156	0.185	16.11	0.203	13.17	34.6763	106.7306689	106.769468	4.399274	106.775341	
2010	179	1300	179.541666667		06/28/2010 13:00	430.22	6.1145	0.185	16.15	0.203	13.14	34.6789	106.7298623	106.768661	4.398464	106.774531	
2010	179	1400	179.583333333		06/28/2010 14:00	429.28	6.1013	0.185	16.14	0.203	13.12	34.7100	106.7203849	106.759184	4.388944	106.765011	
2010	179	1500	179.625000000		06/28/2010 15:00	429.79	6.1085	0.186	16.16	0.204	13.11	34.6932	106.7255269	106.764326	4.394109	106.770176	
2010	179	1600	179.666666667		06/28/2010 16:00	428.83	6.0950	0.187	16.19	0.205	13.1	34.7249	106.7158478	106.754647	4.384386	106.760454	
2010	179	1700	179.708333333		06/28/2010 17:00	429.73	6.1076	0.187	16.18	0.205	13.09	34.6951	106.7249219	106.763721	4.393501	106.769569	
2010	179	1800	179.750000000		06/28/2010 18:00	429.8	6.1086	0.187	16.15	0.206	13.1	34.6928	106.7256277	106.764427	4.394210	106.770278	
2010	179	1900	179.791666667		06/28/2010 19:00	430.31	6.1158	0.187	16.12	0.205	13.07	34.6760	106.7307697	106.769569	4.399375	106.775443	
2010	179	2000	179.833333333		06/28/2010 20:00	430.67	6.1209	0.186	16.09	0.204	12.97	34.6640	106.7343993	106.773199	4.403021	106.779089	
2010	179	2100	179.875000000		06/28/2010 21:00	431.09	6.1268	0.186	16.08	0.204	12.91	34.6502	106.7386339	106.777433	4.407275	106.783342	
2010	179	2200	179.916666667		06/28/2010 22:00	431.4	6.1311	0.186	16.06	0.204	12.86	34.6399	106.7417594	106.780559	4.410414	106.786482	
2010	179	2300	179.958333333		06/28/2010 23:00	431.9	6.1382	0.18	16.04	0.198	12.83	34.6234	106.7468006	106.785600	4.415478	106.791546	
2010	179	2400	180.000000000		06/29/2010 0:00	432.4	6.1452	0.173	16.04	0.19	12.79	34.6068	106.7518418	106.790641	4.420542	106.796610	
2010	180	100	180.041666667		06/29/2010 1:00	432.61	6.1482	0.171	16.04	0.188	12.75	34.5999	106.753959	106.792758	4.422669	106.798736	
2010	180	200	180.083333333		06/29/2010 2:00	432.89	6.1521	0.17	16.02	0.187	12.73	34.5906	106.7567821	106.795581	4.425504	106.801572	
2010	180	300	180.125000000		06/29/2010 3:00	433.24	6.1570	0.169	16.03	0.186	12.7	34.5790	106.7603109	106.799110	4.429049	106.805117	
2010	180	400	180.166666667		06/29/2010 4:00	433.56	6.1615	0.168	16.02	0.185	12.67	34.5684	106.7635373	106.802336	4.432290	106.808358	
2010	180	500	180.208333333		06/29/2010 5:00	433.36	6.1587	0.17	16.04	0.186	12.77	34.5751	106.7615208	106.800320	4.430264	106.806332	
2010	180	600	180.250000000		06/29/2010 6:00	433.24	6.1570	0.174	16.02	0.191	13.33	34.5790	106.7603109	106.799110	4.429049	106.805117	
2010	180	700	180.291666667		06/29/2010 7:00	432.98	6.1534	0.179	16.03	0.197	13.33	34.5876	106.7576895	106.796489	4.426416	106.802484	
2010	180	800	180.333333333		06/29/2010 8:00	432.59	6.1479	0.182	16.04	0.2	13.3	34.6005	106.7537574	106.792557	4.422466	106.798534	
2010	180	900	180.375000000		06/29/2010 9:00	432.88	6.1520	0.183	16.05	0.201	13.29	34.5909	106.7566813	106.795480	4.425403	106.801471	
2010	180	1000	180.416666667		06/29/2010 10:00	432.36	6.1447	0.183	16.05	0.201	13.26	34.6081	106.7514385	106.790238	4.420137	106.796204	
2010	180	1100	180.458333333		06/29/2010 11:00	431.94	6.1387	0.183	16.04	0.201	13.24	34.6220	106.7472039	106.786003	4.415883	106.791951	
2010	180	1200	180.500000000		06/29/2010 12:00	432.18	6.1421	0.183	16.03	0.201	13.24	34.6141	106.7496236	106.788423	4.418314	106.794381	
2010	180	1300	180.541666667		06/29/2010 13:00	433.42	6.1596	0.183	16.02	0.201	13.22	34.5731	106.7621257	106.800925	4.430872	106.806940	
2010	180	1400	180.583333333		06/29/2010 14:00	434.54	6.1753	0.166	15.99	0.183	13.18	34.5360	106.7734179	106.812217	4.442215	106.818283	
2010	180	1500	180.625000000		06/29/2010 15:00	435.48	6.1886	0.164	15.97	0.18	13.17	34.5049	106.7828953	106.821695	4.451735	106.827803	
2010	180	1600	180.666666667		06/29/2010 16:00	436.36	6.2010	0.165	15.96	0.181	13.17	34.4758	106.7917678	106.830567	4.460647	106.836715	
2010	180	1700	180.708333333		06/29/2010 17:00	437.25	6.2135	0.162	15.97	0.178	13.16	34.4464	106.800741	106.839540	4.469661	106.845729	
2010	180	1800	180.750000000		06/29/2010 18:00	438.03	6.2245	0.163	15.97	0.179	13.2	34.4206	106.8086053	106.847404	4.477560	106.853628	
2010	180	1900	180.791666667		06/29/2010 19:00	438.6	6.2325	0.169	15.96	0.185	13.23	34.4017	106.8143522	106.853151	4.483333	106.859401	
2010	180	2000	180.833333333		06/29/2010 20:00	438.63	6.2329	0.164	15.96	0.181	13.13	34.4007	106.8146547	106.853454	4.483637	106.859705	
2010	180	2100	180.875000000		06/29/2010 21:00	438.48	6.2308	0.161	15.96	0.177	13.05	34.4057	106.8131423	106.851942	4.482118	106.858186	
2010	180	2200	180.916666667		06/29/2010 22:00	438.12	6.2257	0.167	15.97	0.184	13	34.4176	106.8095127	106.848312	4.478472	106.854540	
2010	180	2300	180.958333333		06/29/2010 23:00	437.64	6.2190	0.173	15.97	0.191	12.96	34.4335	106.8046732	106.843472	4.473611	106.849678	
2010	180	2400	181.000000000		06/30/2010 0:00	436.99	6.2098	0.175	15.99	0.192	12.92	34.4550	106.7981196	106.836919	4.467028	106.843095	
2010	181	100	181.041666667		06/30/2010 1:00	436.25	6.1994	0.175	16.02	0.193	12.89	34.4795	106.7906587	106.829458	4.459533	106.835601	
2010	181	200	181.083333333		06/30/2010 2:00	435.3	6.1860	0.175	16.03	0.192	12.85	34.5109	106.7810805	106.819880	4.449912	106.825980	
2010	181	300	181.125000000		06/30/2010 3:00	434.2	6.1706	0.178	16.08	0.195	12.83	34.5473	106.7699899	106.808789	4.438772	106.814839	
2010	181	400	181.166666667		06/30/2010 4:00	433.04	6.1542	0.178	16.13	0.195	12.79	34.5856	106.7582944	106.797094	4.427023	106.803091	
2010	181	500	181.208333333		06/30/2010 5:00	431.31	6.1299	0.179	16.17	0.196	12.97	34.6429	106.740852	106.779651	4.409503	106.785570	
2010	181	600	181.250000000		06/30/2010 6:00	429.94	6.1106	0.179	16.19	0.197	13.49	34.6882	106.7270392	106.765838	4.395628	106.771695	
2010	181	700	181.291666667		06/30/2010 7:00	428.57	6.0913	0.18	16.24	0.197	13.42	34.7335	106.7132264	106.752026	4.381753	106.757821	
2010	181	800	181.333333333		06/30/2010 8:00	427.32	6.0737	0.182	16.26	0.199	13.37	34.7749	106.7006235	106.739423	4.369093	106.745161	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	181	900	181.375000000		06/30/2010 9:00	426.38	6.0605	0.183	16.31	0.2	13.35	34.8060	106.6911461	106.729945	4.359573	106.735641	
2010	181	1000	181.416666667		06/30/2010 10:00	425.89	6.0536	0.184	16.3	0.202	13.34	34.8222	106.6862058	106.725005	4.354611	106.730678	
2010	181	1100	181.458333333		06/30/2010 11:00	425.89	6.0536	0.186	16.31	0.204	13.32	34.8222	106.6862058	106.725005	4.354611	106.730678	
2010	181	1200	181.500000000		06/30/2010 12:00	425.8	6.0523	0.187	16.29	0.205	13.32	34.8251	106.6852984	106.724098	4.353699	106.729767	
2010	181	1300	181.541666667		06/30/2010 13:00	426.54	6.0627	0.188	16.26	0.206	13.31	34.8007	106.6927593	106.731559	4.361194	106.737261	
2010	181	1400	181.583333333		06/30/2010 14:00	427.74	6.0796	0.188	16.22	0.206	13.29	34.7610	106.7048581	106.743657	4.373347	106.749415	
2010	181	1500	181.625000000		06/30/2010 15:00	427.9	6.0819	0.189	16.17	0.207	13.26	34.7557	106.7064713	106.745270	4.374967	106.751035	
2010	181	1600	181.666666667		06/30/2010 16:00	429.37	6.1026	0.188	16.12	0.207	13.24	34.7070	106.7212923	106.760092	4.389855	106.765923	
2010	181	1700	181.708333333		06/30/2010 17:00	430.8	6.1227	0.186	16.09	0.204	13.24	34.6597	106.73571	106.774509	4.404338	106.780405	
2010	181	1800	181.750000000		06/30/2010 18:00	432.07	6.1406	0.185	16.06	0.203	13.26	34.6177	106.7485146	106.787314	4.417200	106.793267	
2010	181	1900	181.791666667		06/30/2010 19:00	432.8	6.1508	0.183	16.03	0.201	13.29	34.5936	106.7558747	106.794674	4.424593	106.800661	
2010	181	2000	181.833333333		06/30/2010 20:00	433.31	6.1580	0.162	16.01	0.178	13.18	34.5767	106.7610167	106.799816	4.429758	106.805826	
2010	181	2100	181.875000000		06/30/2010 21:00	433.22	6.1568	0.163	16.02	0.179	13.12	34.5797	106.7601093	106.798908	4.428846	106.804914	
2010	181	2200	181.916666667		06/30/2010 22:00	432.94	6.1528	0.173	16.02	0.19	13.07	34.5890	106.7572862	106.796085	4.426011	106.802078	
2010	181	2300	181.958333333		06/30/2010 23:00	432.43	6.1456	0.177	16.03	0.195	13.03	34.6058	106.7521442	106.790943	4.420846	106.796913	
2010	181	2400	182.000000000		07/01/2010 0:00	431.8	6.1368	0.178	16.06	0.195	13	34.6267	106.7457924	106.784592	4.414465	106.790533	
2010	182	100	182.041666667		07/01/2010 1:00	431.19	6.1282	0.177	16.07	0.195	12.96	34.6468	106.7396421	106.778441	4.408287	106.784355	
2010	182	200	182.083333333		07/01/2010 2:00	430.52	6.1187	0.177	16.1	0.195	12.92	34.6690	106.732887	106.771686	4.401502	106.777570	
2010	182	300	182.125000000		07/01/2010 3:00	429.51	6.1045	0.18	16.11	0.197	12.9	34.7024	106.7227038	106.761503	4.391273	106.767341	
2010	182	400	182.166666667		07/01/2010 4:00	428.31	6.0876	0.182	16.16	0.199	12.87	34.7421	106.710605	106.749404	4.379120	106.755187	
2010	182	500	182.208333333		07/01/2010 5:00	426.77	6.0660	0.182	16.21	0.2	12.83	34.7931	106.6950782	106.733877	4.363523	106.739591	
2010	182	600	182.250000000		07/01/2010 6:00	425.03	6.0415	0.183	16.26	0.201	13.23	34.8506	106.677535	106.716334	4.345901	106.721969	
2010	182	700	182.291666667		07/01/2010 7:00	423.43	6.0189	0.187	16.33	0.204	13.45	34.9035	106.6614033	106.700202	4.329697	106.705764	
2010	182	800	182.333333333		07/01/2010 8:00	421.3	5.9889	0.191	16.37	0.209	13.41	34.9740	106.6399279	106.678727	4.308125	106.684193	
2010	182	900	182.375000000		07/01/2010 9:00	420.37	5.9758	0.194	16.39	0.212	13.32	35.0048	106.6305513	106.669351	4.298706	106.674774	
2010	182	1000	182.416666667		07/01/2010 10:00	418.62	5.9512	0.196	16.38	0.214	13.29	35.0626	106.6129073	106.651706	4.280983	106.657050	
2010	182	1100	182.458333333		07/01/2010 11:00	418.5	5.9495	0.197	16.4	0.215	13.27	35.0666	106.6116974	106.650497	4.279767	106.655835	
2010	182	1200	182.500000000		07/01/2010 12:00	417.35	5.9333	0.197	16.4	0.215	13.26	35.1046	106.6001027	106.638902	4.268121	106.644188	
2010	182	1300	182.541666667		07/01/2010 13:00	417.02	5.9287	0.197	16.41	0.215	13.24	35.1156	106.5967756	106.635575	4.264778	106.640846	
2010	182	1400	182.583333333		07/01/2010 14:00	416.1	5.9157	0.197	16.4	0.215	13.22	35.1460	106.5874998	106.626299	4.255461	106.631529	
2010	182	1500	182.625000000		07/01/2010 15:00	415.75	5.9108	0.197	16.42	0.216	13.2	35.1576	106.583971	106.622770	4.251916	106.627984	
2010	182	1600	182.666666667		07/01/2010 16:00	415.63	5.9091	0.197	16.41	0.216	13.18	35.1615	106.5827611	106.621560	4.250701	106.626769	
2010	182	1700	182.708333333		07/01/2010 17:00	417.46	5.9349	0.198	16.38	0.216	13.2	35.1010	106.6012118	106.640011	4.269235	106.645302	
2010	182	1800	182.750000000		07/01/2010 18:00	418.34	5.9473	0.198	16.35	0.216	13.24	35.0719	106.6100842	106.648883	4.278147	106.654215	
2010	182	1900	182.791666667		07/01/2010 19:00	419.93	5.9696	0.198	16.31	0.216	13.13	35.0193	106.6261151	106.664914	4.294250	106.670318	
2010	182	2000	182.833333333		07/01/2010 20:00	421.42	5.9906	0.187	16.26	0.204	13.06	34.9700	106.6411378	106.679937	4.309340	106.685408	
2010	182	2100	182.875000000		07/01/2010 21:00	422.62	6.0075	0.172	16.19	0.188	13.02	34.9303	106.6532366	106.692036	4.321493	106.697561	
2010	182	2200	182.916666667		07/01/2010 22:00	424.05	6.0277	0.165	16.16	0.181	12.98	34.8830	106.6676543	106.706454	4.335976	106.712044	
2010	182	2300	182.958333333		07/01/2010 23:00	424.85	6.0389	0.156	16.12	0.171	12.94	34.8566	106.6757202	106.714519	4.344078	106.720146	
2010	182	2400	183.000000000		07/02/2010 0:00	425.28	6.0450	0.154	16.1	0.169	12.9	34.8423	106.6800556	106.718855	4.348433	106.724501	
2010	183	100	183.041666667		07/02/2010 1:00	425.31	6.0454	0.161	16.12	0.177	12.87	34.8413	106.6803581	106.719157	4.348737	106.724804	
2010	183	200	183.083333333		07/02/2010 2:00	424.83	6.0386	0.174	16.11	0.191	12.84	34.8572	106.6755185	106.714318	4.343875	106.719943	
2010	183	300	183.125000000		07/02/2010 3:00	424.06	6.0278	0.181	16.11	0.199	12.81	34.8827	106.6677551	106.706554	4.336077	106.712145	
2010	183	400	183.166666667		07/02/2010 4:00	423.09	6.0141	0.181	16.16	0.198	12.79	34.9148	106.6579753	106.696774	4.326253	106.702321	
2010	183	500	183.208333333		07/02/2010 5:00	421.38	5.9901	0.183	16.22	0.201	12.82	34.9713	106.6407345	106.679534	4.308935	106.685003	
2010	183	600	183.250000000		07/02/2010 6:00	419.77	5.9674	0.185	16.26	0.203	13.43	35.0246	106.624502	106.663301	4.292630	106.668697	
2010	183	700	183.291666667		07/02/2010 7:00	418.18	5.9450	0.188	16.3	0.205	13.41	35.0772	106.6084711	106.647270	4.276527	106.652594	
2010	183	800	183.333333333		07/02/2010 8:00	416.29	5.9184	0.191	16.32	0.209	13.38	35.1397	106.5894155	106.628215	4.257385	106.633453	
2010	183	900	183.375000000		07/02/2010 9:00	414.89	5.8987	0.193	16.34	0.211	13.34	35.1860	106.5753002	106.614099	4.243207	106.619274	
2010	183	1000	183.416666667		07/02/2010 10:00	413.82	5.8836	0.195	16.39	0.214	13.33	35.2214	106.5645121	106.603311	4.232370	106.608438	
2010	183	1100	183.458333333		07/02/2010 11:00	412.71	5.8680	0.198	16.39	0.217	13.33	35.2581	106.5533207	106.592120	4.221128	106.597196	
2010	183	1200	183.500000000		07/02/2010 12:00	412.98	5.8718	0.199	16.4	0.218	13.3	35.2492	106.5560429	106.594842	4.223863	106.599930	
2010	183	1300	183.541666667		07/02/2010 13:00	412.25	5.8615	0.2	16.38	0.219	13.27	35.2734	106.5486828	106.587482	4.216470	106.592537	
2010	183	1400	183.583333333		07/02/2010 14:00	411.87	5.8562	0.201	16.39	0.219	13.26	35.2859	106.5448516	106.583651	4.212621	106.588689	
2010	183	1500	183.625000000		07/02/2010 15:00	412	5.8580	0.201	16.38	0.22	13.27	35.2816	106.5461623	106.584961	4.213938	106.590005	
2010	183	1600	183.666666667		07/02/2010 16:00	411.93	5.8570	0.201	16.36	0.22	13.27	35.2839	106.5454565	106.584256	4.213229	106.589296	
2010	183	1700	183.708333333		07/02/2010 17:00	412.23	5.8612	0.201	16.36	0.22	13.33	35.2740	106.5484812	106.587280	4.216267	106.592335	
2010	183	1800	183.750000000		07/02/2010 18:00	412.04	5.8586	0.201	16.35	0.22	13.41	35.2803	106.5465656	106.585365	4.214343	106.590410	
2010	183	1900	183.791666667		07/02/2010 19:00	412.31	5.8624	0.201	16.31	0.22	13.35	35.2714	106.5492878	106.588087	4.217077	106.593145	
2010	183	2000	183.833333333		07/02/2010 20:00	412.93	5.8711	0.201	16.29	0.22	13.25	35.2509	106.5555388	106.594338	4.223356	106.599424	
2010	183	2100	183.875000000		07/02/2010 21:00	413.54	5.8797	0.201	16.27	0.22	13.18	35.2307	106.561689	106.600488	4.229534	106.605602	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	183	2200	183.916666667		07/02/2010 22:00	414.23	5.8894	0.201	16.23	0.22	13.13	35.2079	106.5686459	106.607445	4.236522	106.612590	
2010	183	2300	183.958333333		07/02/2010 23:00	415.15	5.9024	0.183	16.17	0.201	13.09	35.1774	106.5779216	106.616721	4.245840	106.621907	
2010	183	2400	184.000000000		07/03/2010 0:00	416.04	5.9149	0.174	16.15	0.191	13.05	35.1480	106.5868949	106.625694	4.254853	106.630921	
2010	184	100	184.041666667		07/03/2010 1:00	416.84	5.9261	0.163	16.11	0.179	13.01	35.1215	106.5949607	106.633760	4.262956	106.639023	
2010	184	200	184.083333333		07/03/2010 2:00	417.64	5.9374	0.159	16.08	0.175	12.98	35.0951	106.6030266	106.641826	4.271058	106.647125	
2010	184	300	184.125000000		07/03/2010 3:00	418.26	5.9461	0.158	16.06	0.173	12.94	35.0745	106.6092776	106.648077	4.277337	106.653404	
2010	184	400	184.166666667		07/03/2010 4:00	418.64	5.9515	0.164	16.04	0.18	12.91	35.0620	106.6131089	106.651908	4.281185	106.657253	
2010	184	500	184.208333333		07/03/2010 5:00	418.92	5.9554	0.164	16.03	0.18	12.98	35.0527	106.615932	106.654731	4.284021	106.660089	
2010	184	600	184.250000000		07/03/2010 6:00	418.85	5.9544	0.168	16.02	0.185	13.45	35.0550	106.6152262	106.654025	4.283312	106.659380	
2010	184	700	184.291666667		07/03/2010 7:00	418.75	5.9530	0.174	16.04	0.191	13.45	35.0583	106.614218	106.653017	4.282299	106.658367	
2010	184	800	184.333333333		07/03/2010 8:00	417.87	5.9406	0.183	16.05	0.201	13.43	35.0874	106.6053455	106.644145	4.273387	106.649455	
2010	184	900	184.375000000		07/03/2010 9:00	416.85	5.9263	0.184	16.07	0.202	13.37	35.1212	106.5950616	106.633861	4.263057	106.639124	
2010	184	1000	184.416666667		07/03/2010 10:00	415.48	5.9070	0.185	16.12	0.203	13.33	35.1665	106.5812488	106.620048	4.249182	106.625250	
2010	184	1100	184.458333333		07/03/2010 11:00	414.41	5.8919	0.188	16.21	0.206	13.3	35.2019	106.5704607	106.609260	4.238345	106.614413	
2010	184	1200	184.500000000		07/03/2010 12:00	410.99	5.8438	0.191	16.31	0.21	13.32	35.3150	106.5359791	106.574778	4.203709	106.579776	
2010	184	1300	184.541666667		07/03/2010 13:00	408.33	5.8063	0.196	16.38	0.214	13.28	35.4030	106.5091601	106.547959	4.176769	106.552837	
2010	184	1400	184.583333333		07/03/2010 14:00	404.93	5.7585	0.199	16.41	0.217	13.27	35.5155	106.4748802	106.513679	4.142335	106.518403	
2010	184	1500	184.625000000		07/03/2010 15:00	402.05	5.7179	0.199	16.43	0.217	13.25	35.6108	106.4458431	106.484642	4.113167	106.489235	
2010	184	1600	184.666666667		07/03/2010 16:00	399.86	5.6871	0.198	16.44	0.217	13.24	35.6832	106.4237628	106.462562	4.090988	106.467056	
2010	184	1700	184.708333333		07/03/2010 17:00	398.55	5.6686	0.2	16.45	0.219	13.23	35.7265	106.410555	106.449354	4.077721	106.453788	
2010	184	1800	184.750000000		07/03/2010 18:00	397.18	5.6494	0.201	16.45	0.22	13.23	35.7718	106.3967422	106.435541	4.063846	106.439914	
2010	184	1900	184.791666667		07/03/2010 19:00	396.24	5.6361	0.201	16.44	0.22	13.23	35.8029	106.3872648	106.426064	4.054326	106.430394	
2010	184	2000	184.833333333		07/03/2010 20:00	395.29	5.6227	0.202	16.47	0.221	13.14	35.8344	106.3776866	106.416486	4.044705	106.420772	
2010	184	2100	184.875000000		07/03/2010 21:00	394.54	5.6122	0.202	16.46	0.22	13.07	35.8592	106.3701248	106.408924	4.037109	106.413177	
2010	184	2200	184.916666667		07/03/2010 22:00	393.74	5.6009	0.202	16.46	0.221	13.02	35.8856	106.362059	106.400858	4.029007	106.405074	
2010	184	2300	184.958333333		07/03/2010 23:00	393.12	5.5922	0.203	16.46	0.222	12.98	35.9061	106.3558079	106.394607	4.022728	106.398795	
2010	184	2400	185.000000000		07/04/2010 0:00	392.64	5.5854	0.203	16.47	0.222	12.95	35.9220	106.3509684	106.389768	4.017866	106.393934	
2010	185	100	185.041666667		07/04/2010 1:00	392.15	5.5785	0.204	16.45	0.223	12.91	35.9382	106.3460281	106.384827	4.012904	106.388971	
2010	185	200	185.083333333		07/04/2010 2:00	391.95	5.5757	0.204	16.46	0.223	12.88	35.9448	106.3440116	106.382811	4.010878	106.386946	
2010	185	300	185.125000000		07/04/2010 3:00	391.83	5.5740	0.204	16.44	0.223	12.85	35.9488	106.3428017	106.381601	4.009663	106.385731	
2010	185	400	185.166666667		07/04/2010 4:00	391.8	5.5736	0.204	16.44	0.223	12.81	35.9498	106.3424992	106.381298	4.009359	106.385427	
2010	185	500	185.208333333		07/04/2010 5:00	391.58	5.5705	0.205	16.44	0.224	12.85	35.9571	106.3402811	106.379080	4.007131	106.383199	
2010	185	600	185.250000000		07/04/2010 6:00	391.52	5.5697	0.205	16.42	0.224	13.37	35.9591	106.3396762	106.378475	4.006523	106.382591	
2010	185	700	185.291666667		07/04/2010 7:00	391.27	5.5661	0.205	16.4	0.225	13.41	35.9673	106.3371556	106.375955	4.003991	106.380059	
2010	185	800	185.333333333		07/04/2010 8:00	390.75	5.5588	0.205	16.41	0.224	13.37	35.9845	106.3319128	106.370712	3.998725	106.374793	
2010	185	900	185.375000000		07/04/2010 9:00	390.29	5.5523	0.209	16.41	0.228	13.34	35.9998	106.3272749	106.366074	3.994066	106.370134	
2010	185	1000	185.416666667		07/04/2010 10:00	389.13	5.5360	0.211	16.42	0.231	13.31	36.0381	106.3155794	106.354379	3.982318	106.358386	
2010	185	1100	185.458333333		07/04/2010 11:00	387.82	5.5176	0.213	16.44	0.233	13.29	36.0815	106.3023716	106.341171	3.969051	106.345119	
2010	185	1200	185.500000000		07/04/2010 12:00	386.54	5.4996	0.214	16.45	0.234	13.26	36.1238	106.2894662	106.328265	3.956088	106.332155	
2010	185	1300	185.541666667		07/04/2010 13:00	385.58	5.4860	0.215	16.47	0.236	13.23	36.1556	106.2797872	106.318586	3.946365	106.322433	
2010	185	1400	185.583333333		07/04/2010 14:00	384.47	5.4704	0.216	16.47	0.236	13.21	36.1923	106.2685958	106.307395	3.935123	106.311191	
2010	185	1500	185.625000000		07/04/2010 15:00	383.22	5.4528	0.216	16.47	0.236	13.2	36.2336	106.2559929	106.294792	3.922464	106.298531	
2010	185	1600	185.666666667		07/04/2010 16:00	382.57	5.4437	0.217	16.45	0.238	13.19	36.2551	106.2494393	106.288239	3.915881	106.291948	
2010	185	1700	185.708333333		07/04/2010 17:00	381.72	5.4317	0.221	16.47	0.241	13.2	36.2832	106.2408694	106.279669	3.907272	106.283340	
2010	185	1800	185.750000000		07/04/2010 18:00	380.73	5.4178	0.223	16.45	0.243	13.24	36.3160	106.2308879	106.269687	3.897246	106.273314	
2010	185	1900	185.791666667		07/04/2010 19:00	379.52	5.4007	0.225	16.44	0.246	13.22	36.3560	106.2186882	106.257487	3.884991	106.261059	
2010	185	2000	185.833333333		07/04/2010 20:00	378.55	5.3871	0.228	16.45	0.249	13.13	36.3881	106.2089084	106.247708	3.875168	106.251235	
2010	185	2100	185.875000000		07/04/2010 21:00	377.21	5.3682	0.229	16.46	0.251	13.07	36.4324	106.1953981	106.234197	3.861597	106.237664	
2010	185	2200	185.916666667		07/04/2010 22:00	375.84	5.3489	0.233	16.46	0.254	13.02	36.4777	106.1815853	106.220384	3.847722	106.223789	
2010	185	2300	185.958333333		07/04/2010 23:00	374.21	5.3260	0.236	16.47	0.258	12.98	36.5317	106.1651511	106.203950	3.831214	106.207281	
2010	185	2400	186.000000000		07/05/2010 0:00	372.82	5.3064	0.238	16.46	0.261	12.94	36.5776	106.1511366	106.189936	3.817136	106.193204	
2010	186	100	186.041666667		07/05/2010 1:00	371.42	5.2867	0.242	16.46	0.264	12.9	36.6239	106.1370214	106.175821	3.802957	106.179025	
2010	186	200	186.083333333		07/05/2010 2:00	369.96	5.2661	0.243	16.49	0.266	12.87	36.6722	106.1223012	106.161100	3.788171	106.164239	
2010	186	300	186.125000000		07/05/2010 3:00	368.73	5.2488	0.246	16.48	0.269	12.84	36.7129	106.1098999	106.148699	3.775714	106.151782	
2010	186	400	186.166666667		07/05/2010 4:00	367.59	5.2328	0.248	16.5	0.271	12.81	36.7506	106.0984061	106.137205	3.764169	106.140236	
2010	186	500	186.208333333		07/05/2010 5:00	366.22	5.2135	0.249	16.5	0.273	12.85	36.7960	106.0845933	106.123392	3.750294	106.126361	
2010	186	600	186.250000000		07/05/2010 6:00	365.02	5.1966	0.251	16.51	0.275	13.28	36.8356	106.0724945	106.111294	3.738140	106.114208	
2010	186	700	186.291666667		07/05/2010 7:00	364.03	5.1826	0.252	16.48	0.275	13.39	36.8684	106.062513	106.101312	3.728114	106.104182	
2010	186	800	186.333333333		07/05/2010 8:00	363.22	5.1712	0.254	16.49	0.277	13.35	36.8952	106.0543463	106.093146	3.719911	106.095978	
2010	186	900	186.375000000		07/05/2010 9:00	362.32	5.1586	0.255	16.46	0.279	13.32	36.9250	106.0452722	106.084071	3.710796	106.086863	
2010	186	1000	186.416666667		07/05/2010 10:00	361.25	5.1435	0.257	16.5	0.281	13.29	36.9604	106.0344841	106.073283	3.699959	106.076027	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	186	1100	186.458333333		07/05/2010 11:00	360.52	5.1332	0.259	16.49	0.283	13.27	36.9845	106.027124	106.065923	3.692566	106.068634	
2010	186	1200	186.500000000		07/05/2010 12:00	360.13	5.1277	0.259	16.48	0.283	13.26	36.9974	106.0231919	106.061991	3.688616	106.064684	
2010	186	1300	186.541666667		07/05/2010 13:00	359.44	5.1180	0.26	16.49	0.285	13.24	37.0202	106.0162351	106.055034	3.681628	106.057696	
2010	186	1400	186.583333333		07/05/2010 14:00	357.95	5.0970	0.262	16.49	0.286	13.22	37.0695	106.0012124	106.040012	3.666538	106.042606	
2010	186	1500	186.625000000		07/05/2010 15:00	357.92	5.0966	0.262	16.48	0.287	13.2	37.0705	106.00091	106.039709	3.666234	106.042302	
2010	186	1600	186.666666667		07/05/2010 16:00	356.75	5.0801	0.263	16.48	0.288	13.2	37.1092	105.9891136	106.027913	3.654385	106.030452	
2010	186	1700	186.708333333		07/05/2010 17:00	356.69	5.0793	0.265	16.5	0.289	13.22	37.1112	105.9885087	106.027308	3.653777	106.029845	
2010	186	1800	186.750000000		07/05/2010 18:00	356.81	5.0810	0.265	16.47	0.29	13.22	37.1072	105.9897186	106.028518	3.654992	106.031060	
2010	186	1900	186.791666667		07/05/2010 19:00	356.62	5.0783	0.266	16.48	0.291	13.21	37.1135	105.9878029	106.026602	3.653068	106.029136	
2010	186	2000	186.833333333		07/05/2010 20:00	356.57	5.0776	0.266	16.46	0.291	13.12	37.1152	105.9872988	106.026098	3.652562	106.028629	
2010	186	2100	186.875000000		07/05/2010 21:00	356.4	5.0752	0.268	16.44	0.293	13.05	37.1208	105.9855848	106.024384	3.650840	106.026908	
2010	186	2200	186.916666667		07/05/2010 22:00	356.37	5.0748	0.269	16.41	0.294	13	37.1218	105.9852824	106.024082	3.650536	106.026604	
2010	186	2300	186.958333333		07/05/2010 23:00	356.37	5.0748	0.27	16.39	0.295	12.97	37.1218	105.9852824	106.024082	3.650536	106.026604	
2010	186	2400	187.000000000		07/06/2010 0:00	356.28	5.0735	0.27	16.38	0.296	12.92	37.1248	105.9843749	106.023174	3.649625	106.025692	
2010	187	100	187.041666667		07/06/2010 1:00	356.08	5.0707	0.27	16.37	0.296	12.89	37.1314	105.9823585	106.021158	3.647599	106.023667	
2010	187	200	187.083333333		07/06/2010 2:00	355.87	5.0678	0.274	16.35	0.3	12.86	37.1383	105.9802412	106.019040	3.645472	106.021540	
2010	187	300	187.125000000		07/06/2010 3:00	355.67	5.0649	0.275	16.37	0.301	12.83	37.1449	105.9782247	106.017024	3.643447	106.019515	
2010	187	400	187.166666667		07/06/2010 4:00	355.58	5.0637	0.276	16.33	0.302	12.79	37.1479	105.9773173	106.016117	3.642535	106.018603	
2010	187	500	187.208333333		07/06/2010 5:00	355.42	5.0614	0.275	16.29	0.301	12.81	37.1532	105.9757041	106.014503	3.640915	106.016983	
2010	187	600	187.250000000		07/06/2010 6:00	355.64	5.0645	0.275	16.24	0.301	13.23	37.1459	105.9779223	106.016721	3.643143	106.019211	
2010	187	700	187.291666667		07/06/2010 7:00	355.86	5.0676	0.275	16.18	0.301	13.37	37.1386	105.9801404	106.018940	3.645371	106.021439	
2010	187	800	187.333333333		07/06/2010 8:00	356.11	5.0711	0.274	16.12	0.301	13.34	37.1304	105.9826609	106.021460	3.647903	106.023971	
2010	187	900	187.375000000		07/06/2010 9:00	356.59	5.0779	0.274	16.07	0.301	13.3	37.1145	105.9875005	106.026300	3.652764	106.028832	
2010	187	1000	187.416666667		07/06/2010 10:00	356.12	5.0713	0.274	16.01	0.301	13.27	37.1300	105.9827618	106.021561	3.648004	106.024072	
2010	187	1100	187.458333333		07/06/2010 11:00	356.66	5.0789	0.273	15.96	0.3	13.24	37.1122	105.9882062	106.027005	3.653473	106.029541	
2010	187	1200	187.500000000		07/06/2010 12:00	357.21	5.0866	0.272	15.92	0.3	13.22	37.0940	105.9937515	106.032551	3.659043	106.035111	
2010	187	1300	187.541666667		07/06/2010 13:00	357.88	5.0961	0.268	15.85	0.295	13.2	37.0718	106.0005067	106.039306	3.665829	106.041897	
2010	187	1400	187.583333333		07/06/2010 14:00	357.56	5.0915	0.257	15.78	0.283	13.17	37.0824	105.9972803	106.036080	3.662588	106.038656	
2010	187	1500	187.625000000		07/06/2010 15:00	357.92	5.0966	0.258	15.77	0.284	13.15	37.0705	106.00091	106.039709	3.666234	106.042302	
2010	187	1600	187.666666667		07/06/2010 16:00	357.84	5.0955	0.263	15.78	0.29	13.15	37.0732	106.0001034	106.038903	3.665424	106.041492	
2010	187	1700	187.708333333		07/06/2010 17:00	357.76	5.0944	0.266	15.81	0.293	13.15	37.0758	105.9992968	106.038096	3.664614	106.040681	
2010	187	1800	187.750000000		07/06/2010 18:00	357.53	5.0911	0.267	15.81	0.295	13.16	37.0834	105.9969779	106.035777	3.662284	106.038352	
2010	187	1900	187.791666667		07/06/2010 19:00	357.61	5.0922	0.268	15.8	0.295	13.15	37.0808	105.9977844	106.036584	3.663095	106.039162	
2010	187	2000	187.833333333		07/06/2010 20:00	357.63	5.0925	0.269	15.76	0.296	13.05	37.0801	105.9979861	106.036785	3.663297	106.039365	
2010	187	2100	187.875000000		07/06/2010 21:00	357.56	5.0915	0.269	15.75	0.296	13	37.0824	105.9972803	106.036080	3.662588	106.038656	
2010	187	2200	187.916666667		07/06/2010 22:00	357.4	5.0893	0.268	15.74	0.296	12.95	37.0877	105.9956671	106.034466	3.660968	106.037035	
2010	187	2300	187.958333333		07/06/2010 23:00	357.37	5.0889	0.268	15.7	0.296	12.9	37.0887	105.9953647	106.034164	3.660664	106.036732	
2010	187	2400	188.000000000		07/07/2010 0:00	357.47	5.0903	0.268	15.67	0.296	12.86	37.0854	105.9963729	106.035172	3.661677	106.037744	
2010	188	100	188.041666667		07/07/2010 1:00	357.68	5.0932	0.268	15.65	0.296	12.83	37.0784	105.9984902	106.037289	3.663803	106.039871	
2010	188	200	188.083333333		07/07/2010 2:00	357.98	5.0975	0.268	15.6	0.296	12.79	37.0685	106.0015149	106.040314	3.666842	106.042909	
2010	188	300	188.125000000		07/07/2010 3:00	358.54	5.1053	0.247	15.52	0.273	12.77	37.0500	106.007161	106.045960	3.672513	106.048581	
2010	188	400	188.166666667		07/07/2010 4:00	359.06	5.1127	0.236	15.45	0.261	12.74	37.0328	106.0124038	106.051203	3.677780	106.053847	
2010	188	500	188.208333333		07/07/2010 5:00	359.35	5.1167	0.227	15.41	0.252	12.77	37.0232	106.0153277	106.054127	3.680717	106.056784	
2010	188	600	188.250000000		07/07/2010 6:00	359.75	5.1224	0.231	15.39	0.255	13.16	37.0100	106.0193606	106.058160	3.684768	106.060835	
2010	188	700	188.291666667		07/07/2010 7:00	360.09	5.1272	0.234	15.35	0.259	13.35	36.9987	106.0227886	106.061588	3.688211	106.064279	
2010	188	800	188.333333333		07/07/2010 8:00	360.47	5.1325	0.234	15.34	0.259	13.32	36.9862	106.0266199	106.065419	3.692060	106.068127	
2010	188	900	188.375000000		07/07/2010 9:00	360.63	5.1348	0.229	15.32	0.254	13.28	36.9809	106.0282331	106.067032	3.693680	106.069748	
2010	188	1000	188.416666667		07/07/2010 10:00	361.09	5.1412	0.229	15.34	0.254	13.24	36.9656	106.0328709	106.071670	3.698339	106.074406	
2010	188	1100	188.458333333		07/07/2010 11:00	360.65	5.1350	0.246	15.34	0.272	13.2	36.9802	106.0284347	106.067234	3.693883	106.069950	
2010	188	1200	188.500000000		07/07/2010 12:00	360.29	5.1300	0.251	15.41	0.277	13.17	36.9921	106.0248051	106.063604	3.690237	106.066304	
2010	188	1300	188.541666667		07/07/2010 13:00	359.43	5.1179	0.253	15.53	0.279	13.14	37.0206	106.0161343	106.054933	3.681527	106.057595	
2010	188	1400	188.583333333		07/07/2010 14:00	357.92	5.0966	0.257	15.73	0.284	13.11	37.0705	106.00091	106.039709	3.666234	106.042302	
2010	188	1500	188.625000000		07/07/2010 15:00	356.28	5.0735	0.259	15.94	0.285	13.09	37.1248	105.9843749	106.023174	3.649625	106.025692	
2010	188	1600	188.666666667		07/07/2010 16:00	354.71	5.0514	0.266	16.12	0.292	13.08	37.1767	105.9685457	106.007345	3.633724	106.009792	
2010	188	1700	188.708333333		07/07/2010 17:00	353.38	5.0327	0.276	16.3	0.303	13.09	37.2207	105.9551362	105.993935	3.620255	105.996322	
2010	188	1800	188.750000000		07/07/2010 18:00	351.77	5.0100	0.28	16.39	0.307	13.11	37.2739	105.9389036	105.977703	3.603949	105.980017	
2010	188	1900	188.791666667		07/07/2010 19:00	350.48	4.9919	0.283	16.43	0.31	13.08	37.3166	105.9258974	105.964697	3.590884	105.966952	
2010	188	2000	188.833333333		07/07/2010 20:00	349.27	4.9748	0.286	16.45	0.312	12.98	37.3566	105.9136978	105.952497	3.578630	105.954698	
2010	188	2100	188.875000000		07/07/2010 21:00	347.92	4.9558	0.288	16.46	0.315	12.92	37.4013	105.9000867	105.938886	3.564958	105.941025	
2010	188	2200	188.916666667		07/07/2010 22:00	347.37	4.9481	0.29	16.46	0.317	12.88	37.4195	105.8945414	105.933341	3.559387	105.935455	
2010	188	2300	188.958333333		07/07/2010 23:00	346.7	4.9386	0.292	16.43	0.319	12.83	37.4416	105.8877862	105.926585	3.552602	105.928670	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	188	2400	189.000000000		07/08/2010 0:00	346.56	4.9367	0.293	16.43	0.32	12.8	37.4463	105.8863747	105.925174	3.551184	105.927252	
2010	189	100	189.041666667		07/08/2010 1:00	346.52	4.9361	0.294	16.41	0.321	12.75	37.4476	105.8859714	105.924771	3.550779	105.926847	
2010	189	200	189.083333333		07/08/2010 2:00	346.89	4.9413	0.294	16.37	0.322	12.73	37.4354	105.8897019	105.928501	3.554526	105.930594	
2010	189	300	189.125000000		07/08/2010 3:00	347.71	4.9529	0.293	16.34	0.321	12.69	37.4082	105.8979694	105.936769	3.562831	105.938898	
2010	189	400	189.166666667		07/08/2010 4:00	348.55	4.9647	0.293	16.25	0.321	12.67	37.3805	105.9064385	105.945238	3.571338	105.947406	
2010	189	500	189.208333333		07/08/2010 5:00	348.75	4.9675	0.292	16.19	0.32	12.7	37.3738	105.908455	105.947254	3.573364	105.949431	
2010	189	600	189.250000000		07/08/2010 6:00	348.54	4.9646	0.291	16.14	0.32	13.08	37.3808	105.9063377	105.945137	3.571237	105.947304	
2010	189	700	189.291666667		07/08/2010 7:00	347.88	4.9553	0.291	16.1	0.319	13.31	37.4026	105.8996834	105.938483	3.564552	105.940620	
2010	189	800	189.333333333		07/08/2010 8:00	347.15	4.9450	0.289	16.11	0.318	13.27	37.4268	105.8923233	105.931122	3.557159	105.933227	
2010	189	900	189.375000000		07/08/2010 9:00	346.33	4.9334	0.29	16.13	0.318	13.22	37.4539	105.8840558	105.922855	3.548855	105.924922	
2010	189	1000	189.416666667		07/08/2010 10:00	345.99	4.9287	0.291	16.15	0.319	13.19	37.4651	105.8806278	105.919427	3.545411	105.921479	
2010	189	1100	189.458333333		07/08/2010 11:00	346.02	4.9291	0.292	16.15	0.321	13.16	37.4641	105.8809303	105.919729	3.545715	105.921783	
2010	189	1200	189.500000000		07/08/2010 12:00	346.07	4.9298	0.292	16.09	0.321	13.14	37.4625	105.8814344	105.920234	3.546221	105.922289	
2010	189	1300	189.541666667		07/08/2010 13:00	346.42	4.9347	0.292	16.05	0.321	13.12	37.4509	105.8849632	105.923762	3.549766	105.925834	
2010	189	1400	189.583333333		07/08/2010 14:00	345.44	4.9209	0.292	16.05	0.321	13.09	37.4833	105.8750825	105.913882	3.539841	105.915909	
2010	189	1500	189.625000000		07/08/2010 15:00	344.86	4.9127	0.292	16.15	0.32	13.08	37.5025	105.8692348	105.908034	3.533967	105.910035	
2010	189	1600	189.666666667		07/08/2010 16:00	344.63	4.9095	0.295	16.24	0.323	13.08	37.5101	105.8669158	105.905715	3.531638	105.907705	
2010	189	1700	189.708333333		07/08/2010 17:00	343.51	4.8937	0.296	16.32	0.324	13.09	37.5472	105.8556236	105.894423	3.520295	105.896362	
2010	189	1800	189.750000000		07/08/2010 18:00	343.01	4.8867	0.296	16.35	0.324	13.09	37.5637	105.8505824	105.889382	3.515231	105.891298	
2010	189	1900	189.791666667		07/08/2010 19:00	342.75	4.8830	0.297	16.37	0.325	13.05	37.5723	105.847961	105.886760	3.512598	105.888665	
2010	189	2000	189.833333333		07/08/2010 20:00	342.63	4.8813	0.297	16.34	0.325	12.96	37.5763	105.8467512	105.885550	3.511382	105.887450	
2010	189	2100	189.875000000		07/08/2010 21:00	342.45	4.8788	0.297	16.33	0.325	12.9	37.5822	105.8449363	105.883736	3.509559	105.885627	
2010	189	2200	189.916666667		07/08/2010 22:00	342.3	4.8767	0.297	16.27	0.325	12.84	37.5872	105.843424	105.882223	3.508040	105.884108	
2010	189	2300	189.958333333		07/08/2010 23:00	342.41	4.8782	0.297	16.25	0.325	12.81	37.5836	105.8445331	105.883332	3.509154	105.885222	
2010	189	2400	190.000000000		07/09/2010 0:00	342.57	4.8805	0.296	16.19	0.325	12.77	37.5783	105.8461462	105.884945	3.510775	105.886842	
2010	190	100	190.041666667		07/09/2010 1:00	343.04	4.8871	0.296	16.13	0.325	12.74	37.5627	105.8508849	105.889684	3.515535	105.891602	
2010	190	200	190.083333333		07/09/2010 2:00	343.64	4.8956	0.295	16.02	0.325	12.71	37.5429	105.8569343	105.895734	3.521611	105.897679	
2010	190	300	190.125000000		07/09/2010 3:00	344.29	4.9047	0.294	15.95	0.323	12.68	37.5214	105.8634878	105.902287	3.528194	105.904262	
2010	190	400	190.166666667		07/09/2010 4:00	344.77	4.9115	0.282	15.86	0.311	12.66	37.5055	105.8683273	105.907127	3.533055	105.909123	
2010	190	500	190.208333333		07/09/2010 5:00	344.8	4.9119	0.272	15.78	0.3	12.68	37.5045	105.8686298	105.907429	3.533359	105.909427	
2010	190	600	190.250000000		07/09/2010 6:00	344.89	4.9132	0.272	15.76	0.299	13.09	37.5015	105.8695372	105.908336	3.534271	105.910338	
2010	190	700	190.291666667		07/09/2010 7:00	345	4.9147	0.264	15.68	0.292	13.31	37.4979	105.8706463	105.909445	3.535385	105.911453	
2010	190	800	190.333333333		07/09/2010 8:00	345.66	4.9240	0.254	15.61	0.28	13.25	37.4760	105.8773006	105.916100	3.542069	105.918137	
2010	190	900	190.375000000		07/09/2010 9:00	346.29	4.9329	0.258	15.53	0.285	13.21	37.4552	105.8836525	105.922452	3.548449	105.924517	
2010	190	1000	190.416666667		07/09/2010 10:00	346.48	4.9356	0.253	15.49	0.279	13.18	37.4489	105.8855681	105.924367	3.550374	105.926441	
2010	190	1100	190.458333333		07/09/2010 11:00	347.35	4.9478	0.254	15.45	0.281	13.14	37.4201	105.8943398	105.933139	3.559185	105.935253	
2010	190	1200	190.500000000		07/09/2010 12:00	348.1	4.9584	0.249	15.4	0.276	13.12	37.3953	105.9019015	105.940701	3.566781	105.942848	
2010	190	1300	190.541666667		07/09/2010 13:00	348.84	4.9688	0.248	15.38	0.275	13.1	37.3709	105.9093624	105.948162	3.574275	105.950343	
2010	190	1400	190.583333333		07/09/2010 14:00	348.78	4.9679	0.241	15.33	0.267	13.08	37.3728	105.9087575	105.947557	3.573667	105.949735	
2010	190	1500	190.625000000		07/09/2010 15:00	350.18	4.9876	0.238	15.29	0.263	13.07	37.3265	105.9228727	105.961672	3.587846	105.963914	
2010	190	1600	190.666666667		07/09/2010 16:00	350.59	4.9934	0.23	15.27	0.255	13.07	37.3130	105.9270065	105.965806	3.591998	105.968066	
2010	190	1700	190.708333333		07/09/2010 17:00	351.07	5.0002	0.222	15.25	0.246	13.07	37.2971	105.931846	105.970645	3.596860	105.972927	
2010	190	1800	190.750000000		07/09/2010 18:00	352.32	5.0178	0.219	15.22	0.243	13.07	37.2557	105.9444489	105.983248	3.609519	105.985587	
2010	190	1900	190.791666667		07/09/2010 19:00	353.24	5.0307	0.215	15.19	0.238	13.04	37.2253	105.9537247	105.992524	3.618837	105.994904	
2010	190	2000	190.833333333		07/09/2010 20:00	353.69	5.0371	0.21	15.17	0.233	12.93	37.2104	105.9582617	105.997061	3.623394	105.999462	
2010	190	2100	190.875000000		07/09/2010 21:00	354.57	5.0494	0.205	15.14	0.228	12.88	37.1813	105.9671342	106.005933	3.632306	106.008374	
2010	190	2200	190.916666667		07/09/2010 22:00	355.2	5.0583	0.198	15.11	0.22	12.83	37.1605	105.973486	106.012285	3.638687	106.014755	
2010	190	2300	190.958333333		07/09/2010 23:00	355.88	5.0679	0.192	15.13	0.213	12.79	37.1380	105.980342	106.019141	3.645574	106.021641	
2010	190	2400	191.000000000		07/10/2010 0:00	356.52	5.0769	0.191	15.1	0.212	12.75	37.1168	105.9867947	106.025594	3.652055	106.028123	
2010	191	100	191.041666667		07/10/2010 1:00	357.31	5.0880	0.184	15.1	0.205	12.72	37.0907	105.9947597	106.033559	3.660056	106.036124	
2010	191	200	191.083333333		07/10/2010 2:00	357.88	5.0961	0.184	15.08	0.204	12.69	37.0718	106.0005067	106.039306	3.665829	106.041897	
2010	191	300	191.125000000		07/10/2010 3:00	358.31	5.1021	0.183	15.07	0.203	12.66	37.0576	106.0048421	106.043641	3.670184	106.046252	
2010	191	400	191.166666667		07/10/2010 4:00	358.66	5.1070	0.18	15.07	0.199	12.64	37.0460	106.0083709	106.047170	3.673729	106.049796	
2010	191	500	191.208333333		07/10/2010 5:00	358.54	5.1053	0.181	15.1	0.201	12.62	37.0500	106.007161	106.045960	3.672513	106.048581	
2010	191	600	191.250000000		07/10/2010 6:00	357.68	5.0932	0.199	15.14	0.22	13.28	37.0784	105.9984902	106.037289	3.663803	106.039871	
2010	191	700	191.291666667		07/10/2010 7:00	357.68	5.0932	0.204	15.19	0.226	13.26	37.0784	105.9984902	106.037289	3.663803	106.039871	
2010	191	800	191.333333333		07/10/2010 8:00	356.79	5.0807	0.206	15.24	0.229	13.25	37.1079	105.9895169	106.028316	3.654790	106.030858	
2010	191	900	191.375000000		07/10/2010 9:00	356.37	5.0748	0.207	15.25	0.23	13.21	37.1218	105.9852824	106.024082	3.650536	106.026604	
2010	191	1000	191.416666667		07/10/2010 10:00	356.45	5.0759	0.208	15.29	0.23	13.16	37.1191	105.9860889	106.024888	3.651346	106.027414	
2010	191	1100	191.458333333		07/10/2010 11:00	355.58	5.0637	0.208	15.33	0.23	13.14	37.1479	105.9773173	106.016117	3.642535	106.018603	
2010	191	1200	191.500000000		07/10/2010 12:00	355.16	5.0578	0.21	15.44	0.233	13.12	37.1618	105.9730827	106.011882	3.638282	106.014349	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	191	1300	191.541666667		07/10/2010 13:00	355.16	5.0578	0.213	15.52	0.236	13.11	37.1618	105.9730827	106.011882	3.638282	106.014349	
2010	191	1400	191.583333333		07/10/2010 14:00	353.83	5.0390	0.215	15.58	0.238	13.11	37.2058	105.9596732	105.998472	3.624812	106.000880	
2010	191	1500	191.625000000		07/10/2010 15:00	353.6	5.0358	0.215	15.6	0.237	13.09	37.2134	105.9573543	105.996154	3.622483	105.998550	
2010	191	1600	191.666666667		07/10/2010 16:00	353.07	5.0283	0.216	15.57	0.238	13.09	37.2309	105.9520107	105.990810	3.617115	105.993183	
2010	191	1700	191.708333333		07/10/2010 17:00	353.46	5.0338	0.216	15.55	0.238	13.09	37.2180	105.9559428	105.994742	3.621065	105.997132	
2010	191	1800	191.750000000		07/10/2010 18:00	353.38	5.0327	0.216	15.53	0.239	13.11	37.2207	105.9551362	105.993935	3.620255	105.996322	
2010	191	1900	191.791666667		07/10/2010 19:00	353.38	5.0327	0.216	15.5	0.239	13.08	37.2207	105.9551362	105.993935	3.620255	105.996322	
2010	191	2000	191.833333333		07/10/2010 20:00	353.47	5.0340	0.216	15.46	0.239	12.98	37.2177	105.9560436	105.994843	3.621166	105.997234	
2010	191	2100	191.875000000		07/10/2010 21:00	353.36	5.0324	0.216	15.44	0.239	12.92	37.2213	105.9549345	105.993734	3.620052	105.996120	
2010	191	2200	191.916666667		07/10/2010 22:00	353.12	5.0290	0.216	15.43	0.239	12.87	37.2293	105.9525148	105.991314	3.617621	105.993689	
2010	191	2300	191.958333333		07/10/2010 23:00	353.01	5.0275	0.217	15.44	0.24	12.82	37.2329	105.9514057	105.990205	3.616507	105.992575	
2010	191	2400	192.000000000		07/11/2010 0:00	352.8	5.0245	0.217	15.44	0.24	12.78	37.2399	105.9492884	105.988088	3.614381	105.990448	
2010	192	100	192.041666667		07/11/2010 1:00	352.6	5.0217	0.216	15.45	0.239	12.75	37.2465	105.947272	105.986071	3.612355	105.988423	
2010	192	200	192.083333333		07/11/2010 2:00	352.25	5.0168	0.216	15.46	0.239	12.71	37.2581	105.9437432	105.982542	3.608810	105.984878	
2010	192	300	192.125000000		07/11/2010 3:00	352.04	5.0138	0.216	15.48	0.239	12.69	37.2650	105.9416259	105.980425	3.606684	105.982751	
2010	192	400	192.166666667		07/11/2010 4:00	351.78	5.0102	0.216	15.47	0.239	12.66	37.2736	105.9390045	105.977804	3.604050	105.980118	
2010	192	500	192.208333333		07/11/2010 5:00	351.32	5.0037	0.216	15.46	0.239	12.67	37.2888	105.9343666	105.973166	3.599392	105.975459	
2010	192	600	192.250000000		07/11/2010 6:00	351.09	5.0005	0.216	15.45	0.239	13.02	37.2964	105.9320477	105.970847	3.597062	105.973130	
2010	192	700	192.291666667		07/11/2010 7:00	350.93	4.9982	0.216	15.46	0.238	13.26	37.3017	105.9304345	105.969234	3.595442	105.971510	
2010	192	800	192.333333333		07/11/2010 8:00	350.56	4.9930	0.216	15.45	0.238	13.23	37.3140	105.926704	105.965503	3.591695	105.967762	
2010	192	900	192.375000000		07/11/2010 9:00	350.16	4.9874	0.216	15.53	0.238	13.19	37.3272	105.9226711	105.961470	3.587644	105.963711	
2010	192	1000	192.416666667		07/11/2010 10:00	349.01	4.9712	0.221	15.65	0.244	13.17	37.3652	105.9110764	105.949876	3.575997	105.952064	
2010	192	1100	192.458333333		07/11/2010 11:00	347.48	4.9496	0.227	15.81	0.25	13.14	37.4158	105.8956505	105.934450	3.560501	105.936569	
2010	192	1200	192.500000000		07/11/2010 12:00	346.27	4.9326	0.235	15.98	0.258	13.12	37.4559	105.8834508	105.922250	3.548247	105.924315	
2010	192	1300	192.541666667		07/11/2010 13:00	345.32	4.9192	0.244	16.13	0.268	13.11	37.4873	105.8738726	105.912672	3.538626	105.914693	
2010	192	1400	192.583333333		07/11/2010 14:00	343.53	4.8940	0.253	16.2	0.278	13.09	37.5465	105.8558253	105.894624	3.520497	105.896565	
2010	192	1500	192.625000000		07/11/2010 15:00	342.18	4.8750	0.262	16.22	0.287	13.07	37.5912	105.8422141	105.881013	3.506825	105.882893	
2010	192	1600	192.666666667		07/11/2010 16:00	341.65	4.8675	0.271	16.22	0.297	13.07	37.6087	105.8368705	105.875670	3.501457	105.877525	
2010	192	1700	192.708333333		07/11/2010 17:00	341.46	4.8649	0.277	16.22	0.304	13.07	37.6150	105.8349548	105.873754	3.499533	105.875601	
2010	192	1800	192.750000000		07/11/2010 18:00	341.24	4.8618	0.28	16.18	0.307	13.09	37.6223	105.8327367	105.871536	3.497305	105.873373	
2010	192	1900	192.791666667		07/11/2010 19:00	341.42	4.8643	0.283	16.16	0.311	13.03	37.6163	105.8345515	105.873351	3.499128	105.875196	
2010	192	2000	192.833333333		07/11/2010 20:00	341.43	4.8645	0.283	16.08	0.31	12.93	37.6160	105.8346524	105.873452	3.499229	105.875297	
2010	192	2100	192.875000000		07/11/2010 21:00	341.63	4.8673	0.283	16.03	0.311	12.88	37.6094	105.8366688	105.875468	3.501255	105.877322	
2010	192	2200	192.916666667		07/11/2010 22:00	341.82	4.8699	0.282	15.96	0.31	12.83	37.6031	105.8385845	105.877384	3.503179	105.879247	
2010	192	2300	192.958333333		07/11/2010 23:00	342.06	4.8733	0.28	15.91	0.308	12.79	37.5951	105.8410042	105.879803	3.505610	105.881677	
2010	192	2400	193.000000000		07/12/2010 0:00	342.25	4.8760	0.28	15.86	0.308	12.75	37.5888	105.8429199	105.881719	3.507534	105.883601	
2010	193	100	193.041666667		07/12/2010 1:00	342.39	4.8780	0.279	15.8	0.308	12.71	37.5842	105.8443314	105.883131	3.508952	105.885019	
2010	193	200	193.083333333		07/12/2010 2:00	342.52	4.8798	0.279	15.76	0.307	12.69	37.5799	105.8456421	105.884441	3.510268	105.886336	
2010	193	300	193.125000000		07/12/2010 3:00	342.66	4.8818	0.278	15.71	0.307	12.66	37.5753	105.8470536	105.885853	3.511686	105.887754	
2010	193	400	193.166666667		07/12/2010 4:00	342.9	4.8851	0.277	15.68	0.306	12.64	37.5673	105.8494734	105.888273	3.514117	105.890184	
2010	193	500	193.208333333		07/12/2010 5:00	342.86	4.8846	0.265	15.62	0.292	12.66	37.5687	105.8490701	105.887869	3.513712	105.889779	
2010	193	600	193.250000000		07/12/2010 6:00	343.34	4.8913	0.26	15.56	0.287	12.95	37.5528	105.8539096	105.892709	3.518573	105.894641	
2010	193	700	193.291666667		07/12/2010 7:00	343.45	4.8929	0.261	15.56	0.288	13.29	37.5492	105.8550187	105.893818	3.519687	105.895755	
2010	193	800	193.333333333		07/12/2010 8:00	343.1	4.8880	0.266	15.55	0.294	13.28	37.5607	105.8514899	105.890289	3.516142	105.892210	
2010	193	900	193.375000000		07/12/2010 9:00	342.92	4.8854	0.27	15.55	0.298	13.23	37.5667	105.849675	105.888474	3.514319	105.890387	
2010	193	1000	193.416666667		07/12/2010 10:00	342.01	4.8726	0.272	15.55	0.3	13.21	37.5968	105.8405001	105.879299	3.505103	105.881171	
2010	193	1100	193.458333333		07/12/2010 11:00	342.58	4.8806	0.272	15.58	0.301	13.2	37.5779	105.846247	105.885046	3.510876	105.886944	
2010	193	1200	193.500000000		07/12/2010 12:00	342.06	4.8733	0.272	15.54	0.3	13.19	37.5951	105.8410042	105.879803	3.505610	105.881677	
2010	193	1300	193.541666667		07/12/2010 13:00	342.13	4.8743	0.272	15.57	0.3	13.18	37.5928	105.84171	105.880509	3.506318	105.882386	
2010	193	1400	193.583333333		07/12/2010 14:00	341.17	4.8608	0.272	15.6	0.3	13.16	37.6246	105.832031	105.870830	3.496596	105.872664	
2010	193	1500	193.625000000		07/12/2010 15:00	340.55	4.8521	0.276	15.67	0.304	13.16	37.6451	105.8257799	105.864579	3.490317	105.866384	
2010	193	1600	193.666666667		07/12/2010 16:00	340.2	4.8471	0.284	15.8	0.313	13.16	37.6567	105.8222511	105.861050	3.486772	105.862840	
2010	193	1700	193.708333333		07/12/2010 17:00	339.6	4.8387	0.289	15.92	0.318	13.18	37.6765	105.8162017	105.855001	3.480695	105.856763	
2010	193	1800	193.750000000		07/12/2010 18:00	339.01	4.8304	0.293	16	0.322	13.22	37.6960	105.8102531	105.849052	3.474720	105.850788	
2010	193	1900	193.791666667		07/12/2010 19:00	338.52	4.8235	0.295	16.08	0.324	13.22	37.7122	105.8053128	105.844112	3.469758	105.845825	
2010	193	2000	193.833333333		07/12/2010 20:00	337.94	4.8153	0.296	16.13	0.325	13.12	37.7314	105.799465	105.838264	3.463884	105.839951	
2010	193	2100	193.875000000		07/12/2010 21:00	337.4	4.8077	0.296	16.12	0.325	13.06	37.7493	105.7940206	105.832820	3.458415	105.834482	
2010	193	2200	193.916666667		07/12/2010 22:00	336.87	4.8003	0.296	16.15	0.325	13.01	37.7668	105.788677	105.827476	3.453047	105.829115	
2010	193	2300	193.958333333		07/12/2010 23:00	336.37	4.7932	0.297	16.18	0.326	12.97	37.7833	105.7836358	105.822435	3.447983	105.824051	
2010	193	2400	194.000000000		07/13/2010 0:00	335.91	4.7867	0.298	16.19	0.327	12.93	37.7986	105.7789979	105.817797	3.443324	105.819392	
2010	194	100	194.041666667		07/13/2010 1:00	335.28	4.7779	0.299	16.2	0.327	12.9	37.8194	105.7726461	105.811445	3.436944	105.813012	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	194	200	194.083333333		07/13/2010 2:00	334.55	4.7676	0.299	16.24	0.327	12.86	37.8436	105.765286	105.804085	3.429551	105.805619	
2010	194	300	194.125000000		07/13/2010 3:00	333.82	4.7573	0.3	16.27	0.328	12.83	37.8677	105.7579259	105.796725	3.422158	105.798225	
2010	194	400	194.166666667		07/13/2010 4:00	332.93	4.7448	0.3	16.29	0.328	12.8	37.8971	105.7489526	105.787752	3.413144	105.789212	
2010	194	500	194.208333333		07/13/2010 5:00	331.49	4.7245	0.301	16.33	0.329	12.82	37.9448	105.734434	105.773233	3.398560	105.774628	
2010	194	600	194.250000000		07/13/2010 6:00	330.38	4.7089	0.302	16.34	0.33	13.39	37.9815	105.7232426	105.762042	3.387319	105.763386	
2010	194	700	194.291666667		07/13/2010 7:00	328.88	4.6878	0.302	16.37	0.33	13.41	38.0311	105.7081192	105.746918	3.372127	105.748195	
2010	194	800	194.333333333		07/13/2010 8:00	327.24	4.6647	0.302	16.39	0.331	13.37	38.0854	105.6915841	105.730383	3.355518	105.731585	
2010	194	900	194.375000000		07/13/2010 9:00	326.11	4.6488	0.303	16.4	0.331	13.32	38.1227	105.6801911	105.718990	3.344073	105.720141	
2010	194	1000	194.416666667		07/13/2010 10:00	324.25	4.6226	0.303	16.42	0.332	13.3	38.1843	105.661438	105.700237	3.325236	105.701304	
2010	194	1100	194.458333333		07/13/2010 11:00	322.73	4.6012	0.303	16.42	0.332	13.28	38.2345	105.6461128	105.684912	3.309842	105.685910	
2010	194	1200	194.500000000		07/13/2010 12:00	322.52	4.5982	0.304	16.42	0.332	13.28	38.2415	105.6439955	105.682795	3.307715	105.683783	
2010	194	1300	194.541666667		07/13/2010 13:00	320.83	4.5744	0.304	16.41	0.332	13.26	38.2974	105.6269564	105.665756	3.290599	105.666667	
2010	194	1400	194.583333333		07/13/2010 14:00	320.09	4.5640	0.304	16.39	0.333	13.26	38.3219	105.6194955	105.658295	3.283105	105.659173	
2010	194	1500	194.625000000		07/13/2010 15:00	319.81	4.5601	0.304	16.38	0.333	13.24	38.3311	105.6166724	105.655472	3.280269	105.656337	
2010	194	1600	194.666666667		07/13/2010 16:00	319.95	4.5620	0.304	16.36	0.333	13.22	38.3265	105.618084	105.656883	3.281687	105.657755	
2010	194	1700	194.708333333		07/13/2010 17:00	319.12	4.5504	0.303	16.35	0.332	13.23	38.3540	105.6097156	105.648515	3.273281	105.649349	
2010	194	1800	194.750000000		07/13/2010 18:00	319.73	4.5589	0.303	16.32	0.332	13.23	38.3338	105.6158659	105.654665	3.279459	105.655527	
2010	194	1900	194.791666667		07/13/2010 19:00	320.92	4.5757	0.303	16.25	0.332	13.18	38.2944	105.6278638	105.666663	3.291511	105.667579	
2010	194	2000	194.833333333		07/13/2010 20:00	322.13	4.5927	0.303	16.2	0.332	13.1	38.2544	105.6400634	105.678863	3.303765	105.679833	
2010	194	2100	194.875000000		07/13/2010 21:00	323.31	4.6093	0.298	16.09	0.327	13.04	38.2154	105.6519606	105.690760	3.315716	105.691784	
2010	194	2200	194.916666667		07/13/2010 22:00	324.39	4.6245	0.274	15.95	0.301	13	38.1796	105.6628495	105.701649	3.326654	105.702722	
2010	194	2300	194.958333333		07/13/2010 23:00	325.16	4.6354	0.268	15.88	0.295	12.96	38.1542	105.6706129	105.709412	3.334452	105.710520	
2010	194	2400	195.000000000		07/14/2010 0:00	325.58	4.6413	0.269	15.79	0.296	12.92	38.1403	105.6748475	105.713647	3.338706	105.714773	
2010	195	100	195.041666667		07/14/2010 1:00	325.67	4.6426	0.268	15.76	0.295	12.88	38.1373	105.6757549	105.714554	3.339617	105.715685	
2010	195	200	195.083333333		07/14/2010 2:00	325.45	4.6395	0.274	15.75	0.302	12.85	38.1446	105.6735368	105.712336	3.337389	105.713457	
2010	195	300	195.125000000		07/14/2010 3:00	325.03	4.6336	0.282	15.74	0.311	12.82	38.1585	105.6693022	105.708101	3.333136	105.709203	
2010	195	400	195.166666667		07/14/2010 4:00	324.35	4.6240	0.287	15.75	0.317	12.79	38.1810	105.6624462	105.701245	3.326249	105.702316	
2010	195	500	195.208333333		07/14/2010 5:00	323.16	4.6072	0.288	15.8	0.317	12.8	38.2203	105.6504482	105.689247	3.314197	105.690265	
2010	195	600	195.250000000		07/14/2010 6:00	322.27	4.5947	0.289	15.85	0.318	13.2	38.2498	105.641475	105.680274	3.305183	105.681251	
2010	195	700	195.291666667		07/14/2010 7:00	321.29	4.5809	0.29	15.9	0.319	13.38	38.2822	105.6315943	105.670393	3.295258	105.671326	
2010	195	800	195.333333333		07/14/2010 8:00	320.06	4.5636	0.291	15.93	0.32	13.35	38.3229	105.619193	105.657992	3.282801	105.658869	
2010	195	900	195.375000000		07/14/2010 9:00	319.12	4.5504	0.294	15.97	0.323	13.31	38.3540	105.6097156	105.648515	3.273281	105.649349	
2010	195	1000	195.416666667		07/14/2010 10:00	318.11	4.5361	0.296	16.03	0.325	13.28	38.3874	105.5995325	105.638332	3.263052	105.639120	
2010	195	1100	195.458333333		07/14/2010 11:00	317.98	4.5343	0.299	16.05	0.329	13.25	38.3917	105.5982218	105.637021	3.261736	105.637803	
2010	195	1200	195.500000000		07/14/2010 12:00	317.84	4.5323	0.3	16.07	0.329	13.24	38.3963	105.5968103	105.635609	3.260318	105.636385	
2010	195	1300	195.541666667		07/14/2010 13:00	317.82	4.5320	0.301	16.05	0.33	13.2	38.3970	105.5966086	105.635408	3.260115	105.636183	
2010	195	1400	195.583333333		07/14/2010 14:00	317.03	4.5209	0.3	16.06	0.33	13.17	38.4231	105.5886436	105.627443	3.252114	105.628182	
2010	195	1500	195.625000000		07/14/2010 15:00	316.83	4.5181	0.301	16.02	0.331	13.16	38.4297	105.5866271	105.625426	3.250089	105.626157	
2010	195	1600	195.666666667		07/14/2010 16:00	316.85	4.5184	0.301	16.01	0.331	13.14	38.4290	105.5868287	105.625628	3.250291	105.626359	
2010	195	1700	195.708333333		07/14/2010 17:00	317.18	4.5230	0.301	15.95	0.331	13.14	38.4181	105.5901559	105.628955	3.253633	105.629701	
2010	195	1800	195.750000000		07/14/2010 18:00	317.86	4.5326	0.301	15.88	0.331	13.16	38.3956	105.5970119	105.635811	3.260520	105.636588	
2010	195	1900	195.791666667		07/14/2010 19:00	318.92	4.5475	0.299	15.8	0.33	13.14	38.3606	105.6076992	105.646498	3.271256	105.647323	
2010	195	2000	195.833333333		07/14/2010 20:00	320.14	4.5647	0.298	15.69	0.329	13.05	38.3202	105.6199996	105.658799	3.283611	105.659679	
2010	195	2100	195.875000000		07/14/2010 21:00	321.48	4.5836	0.271	15.53	0.3	12.99	38.2759	105.6335099	105.672309	3.297182	105.673250	
2010	195	2200	195.916666667		07/14/2010 22:00	322.96	4.6044	0.246	15.43	0.273	12.94	38.2269	105.6484318	105.687231	3.312171	105.688239	
2010	195	2300	195.958333333		07/14/2010 23:00	324.21	4.6220	0.245	15.36	0.271	12.9	38.1856	105.6610347	105.699834	3.324831	105.700899	
2010	195	2400	196.000000000		07/15/2010 0:00	325.46	4.6396	0.246	15.31	0.273	12.86	38.1442	105.6736376	105.712437	3.337490	105.713558	
2010	196	100	196.041666667		07/15/2010 1:00	326.51	4.6544	0.247	15.28	0.273	12.83	38.1095	105.684224	105.723023	3.348124	105.724192	
2010	196	200	196.083333333		07/15/2010 2:00	327.45	4.6676	0.235	15.25	0.26	12.8	38.0784	105.6937014	105.732501	3.357644	105.733712	
2010	196	300	196.125000000		07/15/2010 3:00	327.89	4.6738	0.239	15.24	0.265	12.77	38.0639	105.6981376	105.736937	3.362101	105.738168	
2010	196	400	196.166666667		07/15/2010 4:00	328.16	4.6776	0.228	15.24	0.253	12.74	38.0549	105.7008599	105.739659	3.364835	105.740903	
2010	196	500	196.208333333		07/15/2010 5:00	327.62	4.6700	0.245	15.26	0.272	12.74	38.0728	105.6954154	105.734215	3.359366	105.735434	
2010	196	600	196.250000000		07/15/2010 6:00	326.99	4.6612	0.254	15.3	0.282	13.09	38.0936	105.6890636	105.727863	3.352986	105.729053	
2010	196	700	196.291666667		07/15/2010 7:00	326.58	4.6554	0.258	15.34	0.285	13.33	38.1072	105.6849298	105.723729	3.348833	105.724901	
2010	196	800	196.333333333		07/15/2010 8:00	326.46	4.6537	0.261	15.34	0.288	13.3	38.1112	105.6837199	105.722519	3.347618	105.723686	
2010	196	900	196.375000000		07/15/2010 9:00	327.21	4.6642	0.261	15.27	0.289	13.24	38.0863	105.6912817	105.730081	3.355214	105.731282	
2010	196	1000	196.416666667		07/15/2010 10:00	328.47	4.6820	0.232	15.16	0.258	13.21	38.0447	105.7039854	105.742785	3.367975	105.744042	
2010	196	1100	196.458333333		07/15/2010 11:00	329.82	4.7010	0.221	15.13	0.246	13.18	38.0000	105.7175965	105.756396	3.381647	105.757715	
2010	196	1200	196.500000000		07/15/2010 12:00	330.87	4.7158	0.222	15.1	0.246	13.16	37.9653	105.728183	105.766982	3.392281	105.768349	
2010	196	1300	196.541666667		07/15/2010 13:00	332.01	4.7318	0.217	15.08	0.241	13.14	37.9276	105.7396768	105.778476	3.403827	105.779894	
2010	196	1400	196.583333333		07/15/2010 14:00	332.37	4.7369	0.21	15.06	0.233	13.11	37.9157	105.7433065	105.782106	3.407473	105.783540	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	196	1500	196.625000000		07/15/2010 15:00	333.12	4.7475	0.207	15.06	0.23	13.09	37.8909	105.7508682	105.789667	3.415068	105.791136	
2010	196	1600	196.666666667		07/15/2010 16:00	334.07	4.7608	0.207	15.04	0.229	13.07	37.8594	105.7604464	105.799246	3.424690	105.800757	
2010	196	1700	196.708333333		07/15/2010 17:00	334.53	4.7673	0.205	15.03	0.228	13.07	37.8442	105.7650843	105.803884	3.429348	105.805416	
2010	196	1800	196.750000000		07/15/2010 18:00	335.33	4.7786	0.203	15.03	0.226	13.08	37.8177	105.7731502	105.811949	3.437450	105.813518	
2010	196	1900	196.791666667		07/15/2010 19:00	336.1	4.7894	0.201	15.01	0.223	13.03	37.7923	105.7809136	105.819713	3.445249	105.821316	
2010	196	2000	196.833333333		07/15/2010 20:00	336.65	4.7972	0.203	14.99	0.226	12.94	37.7741	105.7864588	105.825258	3.450819	105.826887	
2010	196	2100	196.875000000		07/15/2010 21:00	337.2	4.8049	0.199	15	0.222	12.89	37.7559	105.7920041	105.830803	3.456389	105.832457	
2010	196	2200	196.916666667		07/15/2010 22:00	337.93	4.8152	0.199	15	0.221	12.84	37.7317	105.7993642	105.838163	3.463782	105.839850	
2010	196	2300	196.958333333		07/15/2010 23:00	338.72	4.8263	0.197	14.99	0.219	12.8	37.7056	105.8073293	105.846128	3.471783	105.847851	
2010	196	2400	197.000000000		07/16/2010 0:00	339.44	4.8364	0.197	15	0.219	12.76	37.6818	105.8145885	105.853388	3.479075	105.855143	
2010	197	100	197.041666667		07/16/2010 1:00	340.08	4.8454	0.196	14.98	0.218	12.73	37.6606	105.8210412	105.859840	3.485557	105.861624	
2010	197	200	197.083333333		07/16/2010 2:00	340.51	4.8515	0.195	15.02	0.217	12.69	37.6464	105.8253766	105.864176	3.489912	105.865979	
2010	197	300	197.125000000		07/16/2010 3:00	340.65	4.8535	0.198	15.02	0.22	12.67	37.6418	105.8267882	105.865587	3.491330	105.867397	
2010	197	400	197.166666667		07/16/2010 4:00	340.44	4.8505	0.197	15.04	0.218	12.64	37.6487	105.8246709	105.863470	3.489203	105.865270	
2010	197	500	197.208333333		07/16/2010 5:00	339.68	4.8398	0.207	15.06	0.23	12.65	37.6739	105.8170083	105.855808	3.481506	105.857573	
2010	197	600	197.250000000		07/16/2010 6:00	339.13	4.8321	0.211	15.12	0.234	12.96	37.6921	105.811463	105.850262	3.475935	105.852003	
2010	197	700	197.291666667		07/16/2010 7:00	338.88	4.8286	0.212	15.13	0.235	13.3	37.7003	105.8089424	105.847742	3.473404	105.849471	
2010	197	800	197.333333333		07/16/2010 8:00	338.52	4.8235	0.212	15.14	0.235	13.26	37.7122	105.8053128	105.844112	3.469758	105.845825	
2010	197	900	197.375000000		07/16/2010 9:00	338.7	4.8260	0.213	15.14	0.236	13.22	37.7063	105.8071276	105.845927	3.471581	105.847648	
2010	197	1000	197.416666667		07/16/2010 10:00	339.13	4.8321	0.213	15.12	0.236	13.19	37.6921	105.811463	105.850262	3.475935	105.852003	
2010	197	1100	197.458333333		07/16/2010 11:00	339.56	4.8381	0.2	15.1	0.222	13.17	37.6778	105.8157984	105.854598	3.480290	105.856358	
2010	197	1200	197.500000000		07/16/2010 12:00	339.96	4.8438	0.197	15.1	0.219	13.16	37.6646	105.8198313	105.858631	3.484341	105.860409	
2010	197	1300	197.541666667		07/16/2010 13:00	340.73	4.8546	0.197	15.06	0.218	13.14	37.6391	105.8275947	105.866394	3.492140	105.868207	
2010	197	1400	197.583333333		07/16/2010 14:00	340.27	4.8481	0.197	15.04	0.219	13.12	37.6543	105.8229569	105.861756	3.487481	105.863549	
2010	197	1500	197.625000000		07/16/2010 15:00	341.61	4.8670	0.197	15.02	0.218	13.1	37.6100	105.8364672	105.875266	3.501052	105.877120	
2010	197	1600	197.666666667		07/16/2010 16:00	341.52	4.8657	0.195	15.03	0.217	13.09	37.6130	105.8355598	105.874359	3.500141	105.876208	
2010	197	1700	197.708333333		07/16/2010 17:00	342.06	4.8733	0.194	15	0.215	13.08	37.5951	105.8410042	105.879803	3.505610	105.881677	
2010	197	1800	197.750000000		07/16/2010 18:00	343.36	4.8916	0.191	14.99	0.213	13.09	37.5521	105.8541113	105.892910	3.518775	105.894843	
2010	197	1900	197.791666667		07/16/2010 19:00	343.65	4.8957	0.19	15.01	0.211	13.03	37.5425	105.8570351	105.895834	3.521712	105.897780	
2010	197	2000	197.833333333		07/16/2010 20:00	344.07	4.9016	0.191	15.02	0.212	12.95	37.5286	105.8612697	105.900069	3.525966	105.902034	
2010	197	2100	197.875000000		07/16/2010 21:00	344.22	4.9037	0.191	15.02	0.212	12.88	37.5237	105.8627821	105.901581	3.527485	105.903553	
2010	197	2200	197.916666667		07/16/2010 22:00	344.14	4.9026	0.19	15.03	0.211	12.84	37.5263	105.8619755	105.900775	3.526675	105.902743	
2010	197	2300	197.958333333		07/16/2010 23:00	343.6	4.8950	0.199	15.08	0.221	12.8	37.5442	105.856531	105.895330	3.521206	105.897274	
2010	197	2400	198.000000000		07/17/2010 0:00	342.71	4.8825	0.203	15.11	0.225	12.76	37.5736	105.8475577	105.886357	3.512192	105.888260	
2010	198	100	198.041666667		07/17/2010 1:00	341.4	4.8640	0.204	15.21	0.226	12.73	37.6170	105.8343499	105.873149	3.498925	105.874993	
2010	198	200	198.083333333		07/17/2010 2:00	339.73	4.8405	0.205	15.37	0.227	12.7	37.6722	105.8175124	105.856312	3.482012	105.858080	
2010	198	300	198.125000000		07/17/2010 3:00	338.07	4.8171	0.206	15.47	0.228	12.67	37.7271	105.8007757	105.839575	3.465200	105.841268	
2010	198	400	198.166666667		07/17/2010 4:00	336.37	4.7932	0.209	15.57	0.23	12.64	37.7833	105.7836358	105.822435	3.447983	105.824051	
2010	198	500	198.208333333		07/17/2010 5:00	334.49	4.7667	0.21	15.64	0.231	12.65	37.8455	105.764681	105.803480	3.428943	105.805011	
2010	198	600	198.250000000		07/17/2010 6:00	333.11	4.7473	0.211	15.66	0.233	12.96	37.8912	105.7507674	105.789567	3.414967	105.791035	
2010	198	700	198.291666667		07/17/2010 7:00	331.91	4.7304	0.212	15.69	0.234	13.32	37.9309	105.7386686	105.777468	3.402814	105.778882	
2010	198	800	198.333333333		07/17/2010 8:00	330.51	4.7107	0.214	15.73	0.236	13.28	37.9772	105.7245533	105.763353	3.388635	105.764703	
2010	198	900	198.375000000		07/17/2010 9:00	330.09	4.7048	0.215	15.72	0.237	13.24	37.9911	105.7203188	105.759118	3.384381	105.760449	
2010	198	1000	198.416666667		07/17/2010 10:00	330.22	4.7066	0.217	15.7	0.239	13.21	37.9868	105.7216295	105.760429	3.385698	105.761766	
2010	198	1100	198.458333333		07/17/2010 11:00	329.96	4.7030	0.217	15.65	0.239	13.2	37.9954	105.7190081	105.757807	3.383065	105.759133	
2010	198	1200	198.500000000		07/17/2010 12:00	330.26	4.7072	0.216	15.62	0.239	13.19	37.9855	105.7220328	105.760832	3.386103	105.762171	
2010	198	1300	198.541666667		07/17/2010 13:00	330.84	4.7154	0.216	15.58	0.239	13.17	37.9663	105.7278805	105.766680	3.391977	105.768045	
2010	198	1400	198.583333333		07/17/2010 14:00	330.37	4.7087	0.216	15.53	0.239	13.14	37.9818	105.7231418	105.761941	3.387217	105.763285	
2010	198	1500	198.625000000		07/17/2010 15:00	330.4	4.7092	0.216	15.5	0.239	13.12	37.9808	105.7234443	105.762243	3.387521	105.763589	
2010	198	1600	198.666666667		07/17/2010 16:00	329.53	4.6969	0.215	15.51	0.238	13.12	38.0096	105.7146727	105.753472	3.378710	105.754778	
2010	198	1700	198.708333333		07/17/2010 17:00	329.3	4.6937	0.214	15.56	0.236	13.12	38.0172	105.7123537	105.751153	3.376381	105.752448	
2010	198	1800	198.750000000		07/17/2010 18:00	328.27	4.6792	0.216	15.65	0.239	13.14	38.0513	105.7019689	105.740768	3.365949	105.742017	
2010	198	1900	198.791666667		07/17/2010 19:00	327.59	4.6696	0.22	15.74	0.242	13.1	38.0738	105.6951129	105.733912	3.359062	105.735130	
2010	198	2000	198.833333333		07/17/2010 20:00	327.13	4.6631	0.222	15.76	0.244	13.01	38.0890	105.6904751	105.729274	3.354404	105.730471	
2010	198	2100	198.875000000		07/17/2010 21:00	327	4.6613	0.224	15.76	0.247	12.96	38.0933	105.6891644	105.727964	3.353087	105.729155	
2010	198	2200	198.916666667		07/17/2010 22:00	327.34	4.6661	0.224	15.71	0.247	12.91	38.0820	105.6925924	105.731392	3.356530	105.732598	
2010	198	2300	198.958333333		07/17/2010 23:00	328.06	4.6762	0.224	15.61	0.247	12.86	38.0582	105.6998516	105.738651	3.363822	105.739890	
2010	198	2400	199.000000000		07/18/2010 0:00	328.68	4.6849	0.222	15.54	0.245	12.82	38.0377	105.7061027	105.744902	3.370102	105.746169	
2010	199	100	199.041666667		07/18/2010 1:00	328.99	4.6893	0.217	15.47	0.24	12.79	38.0275	105.7092282	105.748027	3.373241	105.749309	
2010	199	200	199.083333333		07/18/2010 2:00	328.89	4.6879	0.217	15.46	0.24	12.76	38.0308	105.70822	105.747019	3.372228	105.748296	
2010	199	300	199.125000000		07/18/2010 3:00	328.49	4.6823	0.217	15.45	0.24	12.73	38.0440	105.704187	105.742986	3.368177	105.744245	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	199	400	199.166666667		07/18/2010 4:00	327.88	4.6737	0.219	15.45	0.242	12.7	38.0642	105.6980368	105.736836	3.361999	105.738067	
2010	199	500	199.208333333		07/18/2010 5:00	326.7	4.6571	0.219	15.49	0.242	12.7	38.1032	105.6861397	105.724939	3.350049	105.726116	
2010	199	600	199.250000000		07/18/2010 6:00	325.78	4.6441	0.22	15.57	0.243	13.02	38.1336	105.6768639	105.715663	3.340731	105.716799	
2010	199	700	199.291666667		07/18/2010 7:00	325.08	4.6343	0.225	15.69	0.248	13.33	38.1568	105.6698063	105.708606	3.333642	105.709710	
2010	199	800	199.333333333		07/18/2010 8:00	323.97	4.6186	0.23	15.81	0.253	13.3	38.1935	105.6586149	105.697414	3.322400	105.698468	
2010	199	900	199.375000000		07/18/2010 9:00	323.71	4.6150	0.233	15.85	0.257	13.26	38.2021	105.6559935	105.694793	3.319767	105.695835	
2010	199	1000	199.416666667		07/18/2010 10:00	323.69	4.6147	0.235	15.81	0.259	13.22	38.2028	105.6557919	105.694591	3.319565	105.695632	
2010	199	1100	199.458333333		07/18/2010 11:00	323.6	4.6134	0.236	15.77	0.26	13.2	38.2058	105.6548845	105.693684	3.318653	105.694721	
2010	199	1200	199.500000000		07/18/2010 12:00	324.51	4.6262	0.236	15.68	0.261	13.19	38.1757	105.6640594	105.702859	3.327869	105.703937	
2010	199	1300	199.541666667		07/18/2010 13:00	325.75	4.6437	0.236	15.59	0.26	13.16	38.1346	105.6765615	105.715361	3.340427	105.716495	
2010	199	1400	199.583333333		07/18/2010 14:00	326.4	4.6528	0.226	15.49	0.25	13.14	38.1131	105.683115	105.721914	3.347010	105.723078	
2010	199	1500	199.625000000		07/18/2010 15:00	328.59	4.6837	0.224	15.39	0.248	13.12	38.0407	105.7051953	105.743994	3.369190	105.745258	
2010	199	1600	199.666666667		07/18/2010 16:00	329.04	4.6900	0.223	15.33	0.247	13.11	38.0258	105.7097323	105.748532	3.373747	105.749815	
2010	199	1700	199.708333333		07/18/2010 17:00	329.95	4.7028	0.218	15.29	0.241	13.12	37.9957	105.7189072	105.757706	3.382964	105.759031	
2010	199	1800	199.750000000		07/18/2010 18:00	330.8	4.7148	0.217	15.26	0.241	13.13	37.9676	105.7274772	105.766276	3.391572	105.767640	
2010	199	1900	199.791666667		07/18/2010 19:00	331.26	4.7213	0.216	15.23	0.239	13.08	37.9524	105.7321151	105.770914	3.396231	105.772299	
2010	199	2000	199.833333333		07/18/2010 20:00	331.68	4.7272	0.216	15.22	0.239	12.99	37.9385	105.7363497	105.775149	3.400484	105.776552	
2010	199	2100	199.875000000		07/18/2010 21:00	331.99	4.7315	0.214	15.2	0.238	12.93	37.9282	105.7394752	105.778274	3.403624	105.779692	
2010	199	2200	199.916666667		07/18/2010 22:00	332.34	4.7365	0.213	15.21	0.236	12.88	37.9167	105.743004	105.781803	3.407169	105.783236	
2010	199	2300	199.958333333		07/18/2010 23:00	332.66	4.7410	0.212	15.18	0.235	12.84	37.9061	105.7462304	105.785030	3.410410	105.786477	
2010	199	2400	200.000000000		07/19/2010 0:00	333.1	4.7472	0.212	15.17	0.235	12.81	37.8915	105.7506666	105.789466	3.414866	105.790933	
2010	200	100	200.041666667		07/19/2010 1:00	333.17	4.7482	0.211	15.18	0.234	12.77	37.8892	105.7513723	105.790172	3.415575	105.791642	
2010	200	200	200.083333333		07/19/2010 2:00	333.38	4.7511	0.211	15.18	0.234	12.74	37.8823	105.7534896	105.792289	3.417701	105.793769	
2010	200	300	200.125000000		07/19/2010 3:00	333.44	4.7520	0.212	15.18	0.235	12.71	37.8803	105.7540946	105.792894	3.418309	105.794377	
2010	200	400	200.166666667		07/19/2010 4:00	333.57	4.7538	0.212	15.18	0.235	12.68	37.8760	105.7554053	105.794204	3.419626	105.795693	
2010	200	500	200.208333333		07/19/2010 5:00	333.54	4.7534	0.211	15.17	0.234	12.67	37.8770	105.7551028	105.793902	3.419322	105.795390	
2010	200	600	200.250000000		07/19/2010 6:00	334.16	4.7621	0.211	15.14	0.234	13.03	37.8565	105.7613538	105.800153	3.425601	105.801669	
2010	200	700	200.291666667		07/19/2010 7:00	334.59	4.7682	0.21	15.12	0.234	13.34	37.8422	105.7656892	105.804488	3.429956	105.806024	
2010	200	800	200.333333333		07/19/2010 8:00	334.6	4.7683	0.211	15.13	0.234	13.3	37.8419	105.7657901	105.804589	3.430057	105.806125	
2010	200	900	200.375000000		07/19/2010 9:00	334.3	4.7641	0.215	15.14	0.239	13.26	37.8518	105.7627654	105.801565	3.427019	105.803087	
2010	200	1000	200.416666667		07/19/2010 10:00	333.3	4.7500	0.217	15.21	0.241	13.22	37.8849	105.752683	105.791482	3.416891	105.792959	
2010	200	1100	200.458333333		07/19/2010 11:00	332.01	4.7318	0.219	15.29	0.242	13.21	37.9276	105.7396768	105.778476	3.403827	105.779894	
2010	200	1200	200.500000000		07/19/2010 12:00	330.57	4.7116	0.22	15.44	0.243	13.2	37.9752	105.7251583	105.763957	3.389243	105.765310	
2010	200	1300	200.541666667		07/19/2010 13:00	329.03	4.6899	0.22	15.61	0.243	13.18	38.0261	105.7096315	105.748431	3.373646	105.749714	
2010	200	1400	200.583333333		07/19/2010 14:00	326.93	4.6603	0.222	15.71	0.244	13.15	38.0956	105.6884586	105.727258	3.352378	105.728446	
2010	200	1500	200.625000000		07/19/2010 15:00	325.7	4.6430	0.224	15.76	0.247	13.14	38.1363	105.6760573	105.714857	3.339921	105.715989	
2010	200	1600	200.666666667		07/19/2010 16:00	324.26	4.6227	0.225	15.79	0.248	13.12	38.1839	105.6615388	105.700338	3.325337	105.701405	
2010	200	1700	200.708333333		07/19/2010 17:00	323.65	4.6141	0.227	15.79	0.25	13.13	38.2041	105.6553886	105.694188	3.319159	105.695227	
2010	200	1800	200.750000000		07/19/2010 18:00	323.01	4.6051	0.229	15.81	0.253	13.14	38.2253	105.6489359	105.687735	3.312678	105.688745	
2010	200	1900	200.791666667		07/19/2010 19:00	322.93	4.6040	0.232	15.81	0.255	13.12	38.2279	105.6481293	105.686929	3.311867	105.687935	
2010	200	2000	200.833333333		07/19/2010 20:00	323.27	4.6088	0.233	15.75	0.257	13.02	38.2167	105.6515573	105.690356	3.315311	105.691379	
2010	200	2100	200.875000000		07/19/2010 21:00	323.98	4.6188	0.234	15.7	0.258	12.96	38.1932	105.6587157	105.697515	3.322502	105.698569	
2010	200	2200	200.916666667		07/19/2010 22:00	325.11	4.6347	0.23	15.58	0.254	12.92	38.1558	105.6701088	105.708908	3.333946	105.710013	
2010	200	2300	200.958333333		07/19/2010 23:00	326.42	4.6531	0.226	15.49	0.25	12.88	38.1125	105.6833166	105.722116	3.347213	105.723281	
2010	200	2400	201.000000000		07/20/2010 0:00	327.63	4.6702	0.224	15.39	0.248	12.84	38.0725	105.6955162	105.734315	3.359467	105.735535	
2010	201	100	201.041666667		07/20/2010 1:00	328.34	4.6802	0.222	15.34	0.246	12.81	38.0490	105.7026747	105.741474	3.366658	105.742726	
2010	201	200	201.083333333		07/20/2010 2:00	328.64	4.6844	0.221	15.34	0.244	12.77	38.0390	105.7056994	105.744499	3.369696	105.745764	
2010	201	300	201.125000000		07/20/2010 3:00	328.32	4.6799	0.22	15.33	0.244	12.74	38.0496	105.702473	105.741272	3.366456	105.742523	
2010	201	400	201.166666667		07/20/2010 4:00	327.42	4.6672	0.222	15.34	0.246	12.71	38.0794	105.693399	105.732198	3.357341	105.733408	
2010	201	500	201.208333333		07/20/2010 5:00	325.95	4.6465	0.224	15.39	0.248	12.71	38.1280	105.6785779	105.717377	3.342453	105.718521	
2010	201	600	201.250000000		07/20/2010 6:00	324.61	4.6276	0.226	15.49	0.25	13.07	38.1724	105.6650676	105.703867	3.328882	105.704950	
2010	201	700	201.291666667		07/20/2010 7:00	323.14	4.6069	0.228	15.59	0.252	13.33	38.2210	105.6502466	105.689046	3.313994	105.690062	
2010	201	800	201.333333333		07/20/2010 8:00	321.55	4.5846	0.228	15.68	0.251	13.3	38.2736	105.6342157	105.673015	3.297891	105.673959	
2010	201	900	201.375000000		07/20/2010 9:00	320.01	4.5629	0.24	15.87	0.265	13.26	38.3245	105.6186889	105.657488	3.282295	105.658362	
2010	201	1000	201.416666667		07/20/2010 10:00	318.35	4.5395	0.25	15.97	0.275	13.22	38.3794	105.6019522	105.640751	3.265483	105.641551	
2010	201	1100	201.458333333		07/20/2010 11:00	317.13	4.5223	0.257	16.05	0.282	13.19	38.4198	105.5896518	105.628451	3.253127	105.629195	
2010	201	1200	201.500000000		07/20/2010 12:00	315.06	4.4932	0.263	16.07	0.289	13.17	38.4883	105.5687814	105.607581	3.232163	105.608231	
2010	201	1300	201.541666667		07/20/2010 13:00	315.02	4.4926	0.271	16.07	0.297	13.14	38.4896	105.5683781	105.607177	3.231758	105.607825	
2010	201	1400	201.583333333		07/20/2010 14:00	313.81	4.4756	0.275	16.07	0.302	13.11	38.5296	105.5561785	105.594978	3.219503	105.595571	
2010	201	1500	201.625000000		07/20/2010 15:00	313.39	4.4697	0.279	16.06	0.306	13.1	38.5435	105.5519439	105.590743	3.215250	105.591317	
2010	201	1600	201.666666667		07/20/2010 16:00	313.33	4.4688	0.282	16.02	0.309	13.09	38.5455	105.551339	105.590138	3.214642	105.590710	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	201	1700	201.708333333		07/20/2010 17:00	313.81	4.4756	0.283	15.99	0.311	13.1	38.5296	105.5561785	105.594978	3.219503	105.595571	
2010	201	1800	201.750000000		07/20/2010 18:00	313.13	4.4660	0.284	15.98	0.312	13.12	38.5521	105.5493225	105.588122	3.212616	105.588684	
2010	201	1900	201.791666667		07/20/2010 19:00	313.24	4.4676	0.283	15.95	0.311	13.08	38.5485	105.5504315	105.589231	3.213731	105.589798	
2010	201	2000	201.833333333		07/20/2010 20:00	313.34	4.4690	0.283	15.9	0.311	13	38.5451	105.5514398	105.590239	3.214743	105.590811	
2010	201	2100	201.875000000		07/20/2010 21:00	313.44	4.4704	0.283	15.88	0.311	12.94	38.5418	105.552448	105.591247	3.215756	105.591824	
2010	201	2200	201.916666667		07/20/2010 22:00	313.41	4.4700	0.282	15.83	0.311	12.89	38.5428	105.5521455	105.590945	3.215452	105.591520	
2010	201	2300	201.958333333		07/20/2010 23:00	313.29	4.4683	0.282	15.8	0.31	12.84	38.5468	105.5509357	105.589735	3.214237	105.590305	
2010	201	2400	202.000000000		07/21/2010 0:00	313.13	4.4660	0.281	15.79	0.309	12.81	38.5521	105.5493225	105.588122	3.212616	105.588684	
2010	202	100	202.041666667		07/21/2010 1:00	312.69	4.4598	0.281	15.77	0.309	12.77	38.5666	105.5448863	105.583685	3.208160	105.584228	
2010	202	200	202.083333333		07/21/2010 2:00	312.22	4.4532	0.284	15.78	0.313	12.74	38.5822	105.5401476	105.578947	3.203400	105.579468	
2010	202	300	202.125000000		07/21/2010 3:00	311.53	4.4435	0.286	15.78	0.316	12.71	38.6050	105.5331908	105.571990	3.196412	105.572480	
2010	202	400	202.166666667		07/21/2010 4:00	310.77	4.4328	0.29	15.82	0.319	12.68	38.6302	105.5255282	105.564327	3.188715	105.564783	
2010	202	500	202.208333333		07/21/2010 5:00	309.7	4.4177	0.292	15.87	0.321	12.67	38.6656	105.5147401	105.553539	3.177879	105.553946	
2010	202	600	202.250000000		07/21/2010 6:00	308.72	4.4039	0.294	15.92	0.323	13	38.6980	105.5048594	105.543659	3.167954	105.544021	
2010	202	700	202.291666667		07/21/2010 7:00	307.87	4.3920	0.296	15.93	0.325	13.29	38.7261	105.4962894	105.535089	3.159345	105.535413	
2010	202	800	202.333333333		07/21/2010 8:00	306.85	4.3776	0.297	15.97	0.327	13.25	38.7598	105.4860055	105.524805	3.149015	105.525083	
2010	202	900	202.375000000		07/21/2010 9:00	306.07	4.3666	0.299	15.98	0.328	13.21	38.7856	105.4781412	105.516940	3.141115	105.517183	
2010	202	1000	202.416666667		07/21/2010 10:00	305.4	4.3572	0.299	16	0.329	13.18	38.8078	105.4713861	105.510185	3.134330	105.510397	
2010	202	1100	202.458333333		07/21/2010 11:00	305.04	4.3521	0.299	15.97	0.329	13.17	38.8197	105.4677565	105.506556	3.130684	105.506751	
2010	202	1200	202.500000000		07/21/2010 12:00	304.99	4.3514	0.299	15.95	0.329	13.15	38.8214	105.4672523	105.506052	3.130177	105.506245	
2010	202	1300	202.541666667		07/21/2010 13:00	305.22	4.3547	0.299	15.89	0.329	13.12	38.8137	105.4695713	105.508370	3.132507	105.508574	
2010	202	1400	202.583333333		07/21/2010 14:00	305.16	4.3538	0.299	15.87	0.329	13.11	38.8157	105.4689663	105.507766	3.131899	105.507967	
2010	202	1500	202.625000000		07/21/2010 15:00	305.77	4.3624	0.298	15.82	0.328	13.1	38.7955	105.4751165	105.513916	3.138077	105.514145	
2010	202	1600	202.666666667		07/21/2010 16:00	305.92	4.3645	0.297	15.78	0.327	13.09	38.7906	105.4766289	105.515428	3.139596	105.515664	
2010	202	1700	202.708333333		07/21/2010 17:00	305.9	4.3642	0.296	15.75	0.326	13.09	38.7912	105.4764273	105.515226	3.139394	105.515461	
2010	202	1800	202.750000000		07/21/2010 18:00	305.83	4.3632	0.295	15.72	0.325	13.1	38.7936	105.4757215	105.514521	3.138685	105.514752	
2010	202	1900	202.791666667		07/21/2010 19:00	306.36	4.3707	0.294	15.7	0.325	13.04	38.7760	105.4810651	105.519864	3.144052	105.520120	
2010	202	2000	202.833333333		07/21/2010 20:00	306.74	4.3761	0.294	15.66	0.325	12.96	38.7635	105.4848964	105.523696	3.147901	105.523968	
2010	202	2100	202.875000000		07/21/2010 21:00	307.4	4.3853	0.294	15.63	0.324	12.89	38.7416	105.4915507	105.530350	3.154585	105.530653	
2010	202	2200	202.916666667		07/21/2010 22:00	308.19	4.3965	0.293	15.59	0.324	12.86	38.7155	105.4995158	105.538315	3.162586	105.538654	
2010	202	2300	202.958333333		07/21/2010 23:00	308.85	4.4058	0.287	15.56	0.317	12.81	38.6937	105.5061701	105.544969	3.169270	105.545338	
2010	202	2400	203.000000000		07/22/2010 0:00	309.44	4.4141	0.282	15.53	0.311	12.78	38.6742	105.5121187	105.550918	3.175245	105.551313	
2010	203	100	203.041666667		07/22/2010 1:00	309.8	4.4191	0.279	15.49	0.308	12.75	38.6622	105.5157483	105.554548	3.178891	105.554959	
2010	203	200	203.083333333		07/22/2010 2:00	310.14	4.4239	0.276	15.49	0.305	12.71	38.6510	105.5191763	105.557976	3.182335	105.558403	
2010	203	300	203.125000000		07/22/2010 3:00	310.22	4.4250	0.278	15.46	0.307	12.68	38.6484	105.5199829	105.558782	3.183145	105.559213	
2010	203	400	203.166666667		07/22/2010 4:00	310.17	4.4243	0.282	15.46	0.312	12.66	38.6500	105.5194788	105.558278	3.182639	105.558706	
2010	203	500	203.208333333		07/22/2010 5:00	309.5	4.4149	0.287	15.46	0.317	12.64	38.6722	105.5127236	105.551523	3.175853	105.551921	
2010	203	600	203.250000000		07/22/2010 6:00	309.12	4.4096	0.289	15.48	0.319	12.89	38.6847	105.5088923	105.547692	3.172005	105.548072	
2010	203	700	203.291666667		07/22/2010 7:00	308.44	4.4000	0.289	15.47	0.32	13.29	38.7072	105.5020364	105.540836	3.165118	105.541185	
2010	203	800	203.333333333		07/22/2010 8:00	307.69	4.3894	0.289	15.49	0.32	13.25	38.7320	105.4944746	105.533274	3.157522	105.533590	
2010	203	900	203.375000000		07/22/2010 9:00	307.14	4.3817	0.289	15.49	0.32	13.22	38.7502	105.4889293	105.527729	3.151952	105.528020	
2010	203	1000	203.416666667		07/22/2010 10:00	307.03	4.3801	0.289	15.5	0.32	13.2	38.7539	105.4878203	105.526619	3.150838	105.526905	
2010	203	1100	203.458333333		07/22/2010 11:00	306.75	4.3762	0.289	15.47	0.32	13.18	38.7631	105.4849972	105.523796	3.148002	105.524070	
2010	203	1200	203.500000000		07/22/2010 12:00	307.49	4.3866	0.289	15.45	0.32	13.15	38.7387	105.4924582	105.531257	3.155497	105.531564	
2010	203	1300	203.541666667		07/22/2010 13:00	309.26	4.4115	0.288	15.4	0.318	13.13	38.6801	105.5103039	105.549103	3.173422	105.549490	
2010	203	1400	203.583333333		07/22/2010 14:00	310.99	4.4359	0.262	15.36	0.29	13.12	38.6229	105.5277463	105.566546	3.190943	105.567011	
2010	203	1500	203.625000000		07/22/2010 15:00	311.81	4.4474	0.258	15.34	0.286	13.11	38.5958	105.5360138	105.574813	3.199248	105.575316	
2010	203	1600	203.666666667		07/22/2010 16:00	312.9	4.4628	0.26	15.32	0.288	13.12	38.5597	105.5470035	105.585803	3.210287	105.586355	
2010	203	1700	203.708333333		07/22/2010 17:00	313.9	4.4769	0.261	15.3	0.289	13.12	38.5266	105.5570859	105.595885	3.220415	105.596482	
2010	203	1800	203.750000000		07/22/2010 18:00	314.72	4.4884	0.263	15.32	0.291	13.16	38.4995	105.5653534	105.604153	3.228719	105.604787	
2010	203	1900	203.791666667		07/22/2010 19:00	315.64	4.5014	0.26	15.31	0.288	13.12	38.4691	105.5746291	105.613428	3.238037	105.614105	
2010	203	2000	203.833333333		07/22/2010 20:00	316.25	4.5099	0.257	15.3	0.285	13.03	38.4489	105.5807793	105.619579	3.244215	105.620282	
2010	203	2100	203.875000000		07/22/2010 21:00	316.61	4.5150	0.252	15.27	0.279	12.98	38.4370	105.584409	105.623208	3.247861	105.623928	
2010	203	2200	203.916666667		07/22/2010 22:00	316.85	4.5184	0.252	15.29	0.28	12.93	38.4290	105.5868287	105.625628	3.250291	105.626359	
2010	203	2300	203.958333333		07/22/2010 23:00	317.29	4.5246	0.249	15.31	0.275	12.89	38.4145	105.591265	105.630064	3.254748	105.630815	
2010	203	2400	204.000000000		07/23/2010 0:00	317.79	4.5316	0.243	15.29	0.27	12.86	38.3979	105.5963061	105.635105	3.259811	105.635879	
2010	204	100	204.041666667		07/23/2010 1:00	318.44	4.5408	0.246	15.3	0.272	12.82	38.3764	105.6028596	105.641659	3.266394	105.642462	
2010	204	200	204.083333333		07/23/2010 2:00	318.98	4.5484	0.245	15.28	0.271	12.79	38.3586	105.6083041	105.647103	3.271863	105.647931	
2010	204	300	204.125000000		07/23/2010 3:00	319.71	4.5587	0.238	15.28	0.264	12.76	38.3344	105.6156642	105.654463	3.279256	105.655324	
2010	204	400	204.166666667		07/23/2010 4:00	320.1	4.5641	0.237	15.27	0.262	12.73	38.3215	105.6195963	105.658396	3.283206	105.659274	
2010	204	500	204.208333333		07/23/2010 5:00	319.96	4.5622	0.244	15.29	0.27	12.71	38.3262	105.6181848	105.656984	3.281788	105.657856	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	600	204.250000000		07/23/2010 6:00	320.17	4.5651	0.238	15.28	0.264	13	38.3192	105.6203021	105.659101	3.283915	105.659983	
2010	204	700	204.291666667		07/23/2010 7:00	320.16	4.5650	0.241	15.28	0.267	13.35	38.3195	105.6202013	105.659000	3.283814	105.659882	
2010	204	800	204.333333333		07/23/2010 8:00	320.39	4.5682	0.244	15.3	0.27	13.3	38.3119	105.6225202	105.661319	3.286143	105.662211	
2010	204	900	204.375000000		07/23/2010 9:00	320.31	4.5671	0.246	15.3	0.272	13.28	38.3146	105.6217136	105.660513	3.285333	105.661401	
2010	204	1000	204.416666667		07/23/2010 10:00	320.28	4.5667	0.247	15.29	0.273	13.23	38.3156	105.6214111	105.660210	3.285029	105.661097	
2010	204	1100	204.458333333		07/23/2010 11:00	320.5	4.5698	0.244	15.3	0.27	13.2	38.3083	105.6236292	105.662428	3.287257	105.663325	
2010	204	1200	204.500000000		07/23/2010 12:00	320.68	4.5723	0.239	15.28	0.264	13.2	38.3023	105.6254441	105.664243	3.289080	105.665148	
2010	204	1300	204.541666667		07/23/2010 13:00	321.2	4.5796	0.248	15.43	0.275	13.18	38.2851	105.6306869	105.669486	3.294347	105.670414	
2010	204	1400	204.583333333		07/23/2010 14:00	321.16	4.5791	0.243	15.35	0.268	13.16	38.2865	105.6302836	105.669083	3.293942	105.670009	
2010	204	1500	204.625000000		07/23/2010 15:00	321.65	4.5860	0.239	15.31	0.264	13.14	38.2703	105.6352239	105.674023	3.298904	105.674972	
2010	204	1600	204.666666667		07/23/2010 16:00	321.94	4.5901	0.238	15.31	0.264	13.13	38.2607	105.6381478	105.676947	3.301841	105.677909	
2010	204	1700	204.708333333		07/23/2010 17:00	321.69	4.5865	0.241	15.32	0.267	13.12	38.2689	105.6356272	105.674426	3.299309	105.675377	
2010	204	1800	204.750000000		07/23/2010 18:00	321.43	4.5829	0.242	15.31	0.268	13.13	38.2775	105.6330058	105.671805	3.296676	105.672744	
2010	204	1900	204.791666667		07/23/2010 19:00	320.77	4.5736	0.243	15.35	0.269	13.08	38.2994	105.6263515	105.665151	3.289992	105.666059	
2010	204	2000	204.833333333		07/23/2010 20:00	319.92	4.5616	0.244	15.38	0.27	12.99	38.3275	105.6177815	105.656581	3.281383	105.657451	
2010	204	2100	204.875000000		07/23/2010 21:00	318.9	4.5473	0.245	15.42	0.271	12.94	38.3612	105.6074975	105.646297	3.271053	105.647121	
2010	204	2200	204.916666667		07/23/2010 22:00	318.06	4.5354	0.248	15.46	0.274	12.89	38.3890	105.5990284	105.637828	3.262546	105.638614	
2010	204	2300	204.958333333		07/23/2010 23:00	317.58	4.5287	0.249	15.47	0.275	12.85	38.4049	105.5941888	105.632988	3.257685	105.633752	
2010	204	2400	205.000000000		07/24/2010 0:00	317.6	4.5290	0.249	15.44	0.276	12.82	38.4042	105.5943905	105.633190	3.257887	105.633955	
2010	205	100	205.041666667		07/24/2010 1:00	318.13	4.5364	0.253	15.42	0.28	12.78	38.3867	105.5997341	105.638533	3.263255	105.639322	
2010	205	200	205.083333333		07/24/2010 2:00	318.96	4.5481	0.251	15.38	0.278	12.75	38.3592	105.6081025	105.646902	3.271661	105.647728	
2010	205	300	205.125000000		07/24/2010 3:00	319.74	4.5591	0.248	15.34	0.275	12.73	38.3334	105.6159667	105.654766	3.279560	105.655628	
2010	205	400	205.166666667		07/24/2010 4:00	320.24	4.5661	0.246	15.32	0.272	12.69	38.3169	105.6210078	105.659807	3.284624	105.660692	
2010	205	500	205.208333333		07/24/2010 5:00	319.99	4.5626	0.244	15.32	0.27	12.67	38.3252	105.6184873	105.657286	3.282092	105.658160	
2010	205	600	205.250000000		07/24/2010 6:00	319.36	4.5537	0.244	15.35	0.27	12.97	38.3460	105.6121354	105.650935	3.275712	105.651779	
2010	205	700	205.291666667		07/24/2010 7:00	318.65	4.5437	0.244	15.36	0.27	13.32	38.3695	105.6049769	105.643776	3.268521	105.644589	
2010	205	800	205.333333333		07/24/2010 8:00	317.34	4.5253	0.246	15.41	0.272	13.28	38.4128	105.5917691	105.630568	3.255254	105.631322	
2010	205	900	205.375000000		07/24/2010 9:00	316.15	4.5085	0.246	15.46	0.272	13.24	38.4522	105.5797711	105.618570	3.243202	105.619270	
2010	205	1000	205.416666667		07/24/2010 10:00	314.93	4.4914	0.251	15.53	0.277	13.2	38.4926	105.5674707	105.606270	3.230846	105.606914	
2010	205	1100	205.458333333		07/24/2010 11:00	313.83	4.4759	0.257	15.56	0.284	13.18	38.5289	105.5563801	105.595179	3.219706	105.595774	
2010	205	1200	205.500000000		07/24/2010 12:00	312.87	4.4624	0.26	15.59	0.287	13.15	38.5607	105.5467011	105.585500	3.209983	105.586051	
2010	205	1300	205.541666667		07/24/2010 13:00	312.47	4.4567	0.262	15.56	0.29	13.12	38.5739	105.5426681	105.581467	3.205932	105.582000	
2010	205	1400	205.583333333		07/24/2010 14:00	311.89	4.4486	0.261	15.57	0.288	13.1	38.5931	105.5368204	105.575620	3.200058	105.576126	
2010	205	1500	205.625000000		07/24/2010 15:00	311.07	4.4370	0.26	15.56	0.288	13.09	38.6202	105.5285529	105.567352	3.191754	105.567821	
2010	205	1600	205.666666667		07/24/2010 16:00	310.94	4.4352	0.26	15.57	0.287	13.07	38.6245	105.5272422	105.566041	3.190437	105.566505	
2010	205	1700	205.708333333		07/24/2010 17:00	311.02	4.4363	0.265	15.52	0.292	13.07	38.6219	105.5280488	105.566848	3.191247	105.567315	
2010	205	1800	205.750000000		07/24/2010 18:00	311.43	4.4421	0.264	15.51	0.291	13.08	38.6083	105.5321825	105.570982	3.195399	105.571467	
2010	205	1900	205.791666667		07/24/2010 19:00	312.61	4.4587	0.264	15.44	0.292	13.01	38.5693	105.5440797	105.582879	3.207350	105.583418	
2010	205	2000	205.833333333		07/24/2010 20:00	314.05	4.4790	0.264	15.42	0.292	12.93	38.5217	105.5585982	105.597397	3.221934	105.598002	
2010	205	2100	205.875000000		07/24/2010 21:00	315.32	4.4969	0.261	15.38	0.288	12.87	38.4796	105.5714028	105.610202	3.234796	105.610864	
2010	205	2200	205.916666667		07/24/2010 22:00	316.47	4.5130	0.254	15.35	0.282	12.82	38.4416	105.5829975	105.621797	3.246443	105.622511	
2010	205	2300	205.958333333		07/24/2010 23:00	317.5	4.5275	0.252	15.33	0.279	12.79	38.4075	105.5933823	105.632181	3.256874	105.632942	
2010	205	2400	206.000000000		07/25/2010 0:00	318.17	4.5370	0.251	15.34	0.278	12.75	38.3854	105.6001374	105.638937	3.263660	105.639728	
2010	206	100	206.041666667		07/25/2010 1:00	318.47	4.5412	0.251	15.34	0.278	12.73	38.3755	105.6031621	105.641961	3.266698	105.642766	
2010	206	200	206.083333333		07/25/2010 2:00	318.55	4.5423	0.251	15.36	0.277	12.7	38.3728	105.6039687	105.642768	3.267508	105.643576	
2010	206	300	206.125000000		07/25/2010 3:00	318.45	4.5409	0.249	15.36	0.276	12.67	38.3761	105.6029605	105.641760	3.266496	105.642563	
2010	206	400	206.166666667		07/25/2010 4:00	318.17	4.5370	0.25	15.37	0.277	12.64	38.3854	105.6001374	105.638937	3.263660	105.639728	
2010	206	500	206.208333333		07/25/2010 5:00	317.56	4.5284	0.251	15.37	0.278	12.62	38.4056	105.5939872	105.632786	3.257482	105.633550	
2010	206	600	206.250000000		07/25/2010 6:00	316.75	4.5170	0.251	15.36	0.278	12.9	38.4323	105.5858205	105.624620	3.249279	105.625346	
2010	206	700	206.291666667		07/25/2010 7:00	315.86	4.5045	0.251	15.38	0.278	13.3	38.4618	105.5768472	105.615646	3.240265	105.616333	
2010	206	800	206.333333333		07/25/2010 8:00	315.21	4.4953	0.251	15.38	0.278	13.26	38.4833	105.5702937	105.609093	3.233682	105.609750	
2010	206	900	206.375000000		07/25/2010 9:00	314.44	4.4845	0.251	15.42	0.278	13.23	38.5088	105.5625303	105.601330	3.225884	105.601951	
2010	206	1000	206.416666667		07/25/2010 10:00	313.58	4.4724	0.253	15.44	0.279	13.18	38.5372	105.5538595	105.592659	3.217174	105.593242	
2010	206	1100	206.458333333		07/25/2010 11:00	312.87	4.4624	0.254	15.47	0.281	13.15	38.5607	105.5467011	105.585500	3.209983	105.586051	
2010	206	1200	206.500000000		07/25/2010 12:00	311.74	4.4464	0.255	15.47	0.281	13.12	38.5981	105.535308	105.574107	3.198539	105.574607	
2010	206	1300	206.541666667		07/25/2010 13:00	311.3	4.4403	0.254	15.5	0.28	13.1	38.6126	105.5308718	105.569671	3.194083	105.570151	
2010	206	1400	206.583333333		07/25/2010 14:00	310.09	4.4232	0.253	15.53	0.28	13.07	38.6527	105.5186722	105.557471	3.181828	105.557896	
2010	206	1500	206.625000000		07/25/2010 15:00	309.16	4.4101	0.258	15.55	0.284	13.07	38.6834	105.5092956	105.548095	3.172410	105.548477	
2010	206	1600	206.666666667		07/25/2010 16:00	308.36	4.3989	0.266	15.57	0.294	13.07	38.7099	105.5012298	105.540029	3.164308	105.540375	
2010	206	1700	206.708333333		07/25/2010 17:00	308.16	4.3960	0.269	15.61	0.297	13.06	38.7165	105.4992133	105.538013	3.162282	105.538350	
2010	206	1800	206.750000000		07/25/2010 18:00	306.98	4.3794	0.271	15.61	0.299	13.09	38.7555	105.4873162	105.526115	3.150331	105.526399	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	206	1900	206.791666667		07/25/2010 19:00	306.19	4.3683	0.274	15.66	0.303	13.07	38.7817	105.4793511	105.518150	3.142331	105.518398	
2010	206	2000	206.833333333		07/25/2010 20:00	305.45	4.3579	0.278	15.69	0.306	12.97	38.8061	105.4718902	105.510689	3.134836	105.510904	
2010	206	2100	206.875000000		07/25/2010 21:00	304.43	4.3435	0.281	15.72	0.309	12.9	38.8399	105.4616062	105.500405	3.124506	105.500574	
2010	206	2200	206.916666667		07/25/2010 22:00	303.72	4.3335	0.282	15.74	0.31	12.86	38.8634	105.4544478	105.493247	3.117315	105.493383	
2010	206	2300	206.958333333		07/25/2010 23:00	302.8	4.3206	0.284	15.75	0.313	12.81	38.8938	105.445172	105.483971	3.107998	105.484066	
2010	206	2400	207.000000000		07/26/2010 0:00	301.95	4.3086	0.286	15.78	0.315	12.79	38.9219	105.4366021	105.475401	3.099389	105.475457	
2010	207	100	207.041666667		07/26/2010 1:00	301.32	4.2997	0.288	15.78	0.318	12.75	38.9427	105.4302502	105.469049	3.093009	105.469077	
2010	207	200	207.083333333		07/26/2010 2:00	300.67	4.2906	0.287	15.77	0.316	12.71	38.9642	105.4236967	105.462496	3.086426	105.462494	
2010	207	300	207.125000000		07/26/2010 3:00	300.03	4.2816	0.292	15.76	0.322	12.68	38.9854	105.417244	105.456043	3.079944	105.456012	
2010	207	400	207.166666667		07/26/2010 4:00	299.54	4.2747	0.293	15.76	0.322	12.66	39.0016	105.4123036	105.451103	3.074982	105.451049	
2010	207	500	207.208333333		07/26/2010 5:00	299.18	4.2696	0.292	15.75	0.322	12.64	39.0135	105.408674	105.447473	3.071336	105.447403	
2010	207	600	207.250000000		07/26/2010 6:00	298.71	4.2630	0.293	15.76	0.322	12.88	39.0291	105.4039353	105.442735	3.066576	105.442643	
2010	207	700	207.291666667		07/26/2010 7:00	298.73	4.2633	0.295	15.74	0.325	13.25	39.0284	105.404137	105.442936	3.066778	105.442846	
2010	207	800	207.333333333		07/26/2010 8:00	298.41	4.2588	0.296	15.7	0.327	13.23	39.0390	105.4009106	105.439710	3.063537	105.439605	
2010	207	900	207.375000000		07/26/2010 9:00	298.31	4.2574	0.294	15.68	0.324	13.19	39.0423	105.3999024	105.438702	3.062525	105.438592	
2010	207	1000	207.416666667		07/26/2010 10:00	297.97	4.2526	0.293	15.67	0.323	13.15	39.0536	105.3964744	105.435274	3.059081	105.435149	
2010	207	1100	207.458333333		07/26/2010 11:00	297.84	4.2508	0.292	15.66	0.322	13.14	39.0579	105.3951637	105.433963	3.057765	105.433832	
2010	207	1200	207.500000000		07/26/2010 12:00	297.51	4.2461	0.293	15.64	0.323	13.12	39.0688	105.3918365	105.430636	3.054423	105.430490	
2010	207	1300	207.541666667		07/26/2010 13:00	297.48	4.2457	0.293	15.64	0.324	13.1	39.0698	105.391534	105.430333	3.054119	105.430186	
2010	207	1400	207.583333333		07/26/2010 14:00	296.51	4.2320	0.294	15.64	0.325	13.09	39.1019	105.3817542	105.420553	3.044295	105.420363	
2010	207	1500	207.625000000		07/26/2010 15:00	296.63	4.2337	0.295	15.65	0.325	13.07	39.0979	105.3829641	105.421763	3.045510	105.421578	
2010	207	1600	207.666666667		07/26/2010 16:00	296.33	4.2295	0.297	15.65	0.327	13.07	39.1078	105.3799394	105.418739	3.042472	105.418540	
2010	207	1700	207.708333333		07/26/2010 17:00	296.78	4.2358	0.299	15.61	0.329	13.08	39.0929	105.3844764	105.423276	3.047029	105.423097	
2010	207	1800	207.750000000		07/26/2010 18:00	296.27	4.2286	0.299	15.59	0.33	13.11	39.1098	105.3793344	105.418134	3.041864	105.417932	
2010	207	1900	207.791666667		07/26/2010 19:00	296.37	4.2301	0.299	15.6	0.33	13.1	39.1065	105.3803427	105.419142	3.042877	105.418945	
2010	207	2000	207.833333333		07/26/2010 20:00	296.48	4.2316	0.301	15.59	0.332	13	39.1028	105.3814517	105.420251	3.043991	105.420059	
2010	207	2100	207.875000000		07/26/2010 21:00	296.67	4.2343	0.302	15.56	0.334	12.93	39.0966	105.3833674	105.422167	3.045915	105.421983	
2010	207	2200	207.916666667		07/26/2010 22:00	297.25	4.2424	0.301	15.56	0.332	12.88	39.0774	105.3892151	105.428014	3.051789	105.427857	
2010	207	2300	207.958333333		07/26/2010 23:00	298.21	4.2560	0.3	15.54	0.331	12.83	39.0456	105.3988941	105.437693	3.061512	105.437580	
2010	207	2400	208.000000000		07/27/2010 0:00	299.35	4.2720	0.298	15.51	0.329	12.8	39.0079	105.410388	105.449187	3.073057	105.449125	
2010	208	100	208.041666667		07/27/2010 1:00	300.54	4.2888	0.297	15.51	0.328	12.76	38.9685	105.422386	105.461185	3.085109	105.461177	
2010	208	200	208.083333333		07/27/2010 2:00	301.68	4.3048	0.295	15.49	0.326	12.73	38.9308	105.4338798	105.472679	3.096655	105.472723	
2010	208	300	208.125000000		07/27/2010 3:00	302.29	4.3134	0.294	15.47	0.325	12.71	38.9107	105.44003	105.478829	3.102833	105.478900	
2010	208	400	208.166666667		07/27/2010 4:00	302.6	4.3178	0.294	15.47	0.325	12.68	38.9004	105.4431556	105.481955	3.105972	105.482040	
2010	208	500	208.208333333		07/27/2010 5:00	302.6	4.3178	0.295	15.47	0.326	12.66	38.9004	105.4431556	105.481955	3.105972	105.482040	
2010	208	600	208.250000000		07/27/2010 6:00	302.32	4.3138	0.296	15.47	0.327	12.67	38.9097	105.4403325	105.479132	3.103137	105.479204	
2010	208	700	208.291666667		07/27/2010 7:00	301.68	4.3048	0.296	15.48	0.327	12.81	38.9308	105.4338798	105.472679	3.096655	105.472723	
2010	208	800	208.333333333		07/27/2010 8:00	300.83	4.2928	0.297	15.5	0.328	13.26	38.9590	105.4253098	105.464109	3.088046	105.464114	
2010	208	900	208.375000000		07/27/2010 9:00	299.75	4.2776	0.297	15.5	0.328	13.26	38.9947	105.4144209	105.453220	3.077108	105.453176	
2010	208	1000	208.416666667		07/27/2010 10:00	298.69	4.2627	0.297	15.55	0.328	13.22	39.0297	105.4037337	105.442533	3.066373	105.442441	
2010	208	1100	208.458333333		07/27/2010 11:00	296.98	4.2386	0.296	15.54	0.327	13.18	39.0863	105.3864929	105.425292	3.049055	105.425123	
2010	208	1200	208.500000000		07/27/2010 12:00	297.17	4.2413	0.294	15.55	0.325	13.14	39.0800	105.3884085	105.427208	3.050979	105.427047	
2010	208	1300	208.541666667		07/27/2010 13:00	295.49	4.2177	0.292	15.55	0.322	13.14	39.1356	105.3714702	105.410269	3.033965	105.410032	
2010	208	1400	208.583333333		07/27/2010 14:00	293.81	4.1940	0.291	15.61	0.321	13.14	39.1912	105.3545319	105.393331	3.016950	105.393018	
2010	208	1500	208.625000000		07/27/2010 15:00	293.39	4.1881	0.294	15.66	0.324	13.12	39.2051	105.3502973	105.389097	3.012697	105.388764	
2010	208	1600	208.666666667		07/27/2010 16:00	292.71	4.1785	0.293	15.66	0.323	13.12	39.2276	105.3434413	105.382241	3.005810	105.381877	
2010	208	1700	208.708333333		07/27/2010 17:00	292.22	4.1716	0.296	15.67	0.327	13.12	39.2438	105.338501	105.377300	3.000847	105.376915	
2010	208	1800	208.750000000		07/27/2010 18:00	292.47	4.1751	0.298	15.67	0.329	13.14	39.2355	105.3410216	105.379821	3.003379	105.379447	
2010	208	1900	208.791666667		07/27/2010 19:00	293.49	4.1895	0.299	15.63	0.33	13.08	39.2018	105.3513056	105.390105	3.013709	105.389777	
2010	208	2000	208.833333333		07/27/2010 20:00	294.59	4.2050	0.3	15.6	0.331	13	39.1654	105.3623961	105.401195	3.024850	105.400917	
2010	208	2100	208.875000000		07/27/2010 21:00	295.63	4.2196	0.302	15.59	0.334	12.94	39.1310	105.3728817	105.411681	3.035383	105.411450	
2010	208	2200	208.916666667		07/27/2010 22:00	296.51	4.2320	0.301	15.55	0.332	12.9	39.1019	105.3817542	105.420553	3.044295	105.420363	
2010	208	2300	208.958333333		07/27/2010 23:00	296.86	4.2370	0.3	15.55	0.331	12.85	39.0903	105.385283	105.424082	3.047840	105.423907	
2010	208	2400	209.000000000		07/28/2010 0:00	297.3	4.2431	0.301	15.56	0.332	12.83	39.0757	105.3897192	105.428518	3.052296	105.428363	
2010	209	100	209.041666667		07/28/2010 1:00	297.36	4.2440	0.301	15.53	0.333	12.78	39.0737	105.3903242	105.429123	3.052903	105.428971	
2010	209	200	209.083333333		07/28/2010 2:00	297.33	4.2436	0.301	15.54	0.333	12.75	39.0747	105.3900217	105.428821	3.052600	105.428667	
2010	209	300	209.125000000		07/28/2010 3:00	297.33	4.2436	0.302	15.53	0.333	12.72	39.0747	105.3900217	105.428821	3.052600	105.428667	
2010	209	400	209.166666667		07/28/2010 4:00	297.25	4.2424	0.302	15.53	0.333	12.7	39.0774	105.3892151	105.428014	3.051789	105.427857	
2010	209	500	209.208333333		07/28/2010 5:00	296.99	4.2388	0.302	15.52	0.333	12.67	39.0860	105.3865937	105.425393	3.049156	105.425224	
2010	209	600	209.250000000		07/28/2010 6:00	296.68	4.2344	0.302	15.53	0.334	12.93	39.0962	105.3834682	105.422267	3.046017	105.422084	
2010	209	700	209.291666667		07/28/2010 7:00	296.5	4.2319	0.302	15.55	0.334	13.3	39.1022	105.3816534	105.420453	3.044194	105.420261	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	800	209.333333333		07/28/2010 8:00	295.66	4.2201	0.302	15.55	0.334	13.25	39.1300	105.3731842	105.411983	3.035686	105.411754	
2010	209	900	209.375000000		07/28/2010 9:00	295.33	4.2154	0.302	15.55	0.334	13.22	39.1409	105.369857	105.408656	3.032344	105.408412	
2010	209	1000	209.416666667		07/28/2010 10:00	295.56	4.2187	0.302	15.53	0.334	13.2	39.1333	105.372176	105.410975	3.034674	105.410741	
2010	209	1100	209.458333333		07/28/2010 11:00	296.28	4.2288	0.303	15.52	0.334	13.18	39.1095	105.3794353	105.418234	3.041966	105.418033	
2010	209	1200	209.500000000		07/28/2010 12:00	297.25	4.2424	0.302	15.52	0.334	13.2	39.0774	105.3892151	105.428014	3.051789	105.427857	
2010	209	1300	209.541666667		07/28/2010 13:00	298.56	4.2609	0.302	15.52	0.334	13.18	39.0340	105.402423	105.441222	3.065057	105.441124	
2010	209	1400	209.583333333		07/28/2010 14:00	300.18	4.2837	0.302	15.5	0.334	13.19	38.9805	105.4187563	105.457556	3.081463	105.457531	
2010	209	1500	209.625000000		07/28/2010 15:00	301.07	4.2962	0.302	15.5	0.334	13.2	38.9510	105.4277296	105.466529	3.090477	105.466545	
2010	209	1600	209.666666667		07/28/2010 16:00	302.02	4.3096	0.301	15.5	0.333	13.23	38.9196	105.4373078	105.476107	3.100098	105.476166	
2010	209	1700	209.708333333		07/28/2010 17:00	302.99	4.3233	0.3	15.51	0.332	13.24	38.8875	105.4470877	105.485887	3.109922	105.485990	
2010	209	1800	209.750000000		07/28/2010 18:00	303.89	4.3359	0.298	15.49	0.33	13.15	38.8577	105.4561618	105.494961	3.119037	105.495105	
2010	209	1900	209.791666667		07/28/2010 19:00	304.75	4.3480	0.296	15.5	0.327	13.07	38.8293	105.4648326	105.503632	3.127747	105.503814	
2010	209	2000	209.833333333		07/28/2010 20:00	305.42	4.3575	0.294	15.5	0.324	13.01	38.8071	105.4715877	105.510387	3.134532	105.510600	
2010	209	2100	209.875000000		07/28/2010 21:00	305.82	4.3631	0.291	15.5	0.322	12.97	38.7939	105.4756207	105.514420	3.138583	105.514651	
2010	209	2200	209.916666667		07/28/2010 22:00	306.76	4.3763	0.288	15.5	0.319	12.92	38.7628	105.4850981	105.523897	3.148103	105.524171	
2010	209	2300	209.958333333		07/28/2010 23:00	307.13	4.3815	0.286	15.49	0.316	12.88	38.7506	105.4888285	105.527628	3.151851	105.527918	
2010	209	2400	210.000000000		07/29/2010 0:00	307.42	4.3856	0.286	15.5	0.316	12.85	38.7410	105.4917524	105.530552	3.154788	105.530855	
2010	210	100	210.041666667		07/29/2010 1:00	307.68	4.3893	0.285	15.51	0.315	12.81	38.7324	105.4943738	105.533173	3.157421	105.533488	
2010	210	200	210.083333333		07/29/2010 2:00	308.05	4.3945	0.285	15.5	0.315	12.78	38.7201	105.4981043	105.536903	3.161168	105.537236	
2010	210	300	210.125000000		07/29/2010 3:00	308.39	4.3993	0.285	15.51	0.315	12.75	38.7089	105.5015322	105.540331	3.164611	105.540679	
2010	210	400	210.166666667		07/29/2010 4:00	308.68	4.4034	0.285	15.5	0.314	12.72	38.6993	105.5044561	105.543255	3.167548	105.543616	
2010	210	500	210.208333333		07/29/2010 5:00	308.87	4.4060	0.284	15.51	0.313	12.7	38.6930	105.5063718	105.545171	3.169473	105.545540	
2010	210	600	210.250000000		07/29/2010 6:00	308.44	4.4000	0.283	15.5	0.313	12.99	38.7072	105.5020364	105.540836	3.165118	105.541185	
2010	210	700	210.291666667		07/29/2010 7:00	308.13	4.3956	0.283	15.51	0.312	13.31	38.7175	105.4989108	105.537710	3.161978	105.538046	
2010	210	800	210.333333333		07/29/2010 8:00	306.64	4.3746	0.281	15.51	0.311	13.3	38.7668	105.4838882	105.522687	3.146888	105.522956	
2010	210	900	210.375000000		07/29/2010 9:00	305.34	4.3563	0.281	15.53	0.31	13.24	38.8098	105.4707811	105.509580	3.133722	105.509790	
2010	210	1000	210.416666667		07/29/2010 10:00	303.5	4.3304	0.28	15.54	0.309	13.2	38.8706	105.4522297	105.491029	3.115087	105.491155	
2010	210	1100	210.458333333		07/29/2010 11:00	302.42	4.3152	0.279	15.58	0.308	13.17	38.9064	105.4413408	105.480140	3.104149	105.480217	
2010	210	1200	210.500000000		07/29/2010 12:00	301.52	4.3026	0.279	15.59	0.308	13.15	38.9361	105.4322667	105.471066	3.095034	105.471102	
2010	210	1300	210.541666667		07/29/2010 13:00	301.29	4.2993	0.279	15.59	0.308	13.13	38.9437	105.4299477	105.468747	3.092705	105.468773	
2010	210	1400	210.583333333		07/29/2010 14:00	300.93	4.2943	0.279	15.57	0.308	13.1	38.9556	105.4263181	105.465117	3.089059	105.465127	
2010	210	1500	210.625000000		07/29/2010 15:00	301.39	4.3007	0.279	15.55	0.308	13.08	38.9404	105.430956	105.469755	3.093718	105.469786	
2010	210	1600	210.666666667		07/29/2010 16:00	302.16	4.3116	0.279	15.54	0.308	13.07	38.9150	105.4387193	105.477519	3.101516	105.477584	
2010	210	1700	210.708333333		07/29/2010 17:00	303.57	4.3314	0.279	15.54	0.309	13.07	38.8683	105.4529354	105.491735	3.115796	105.491864	
2010	210	1800	210.750000000		07/29/2010 18:00	303.94	4.3366	0.28	15.53	0.309	13.1	38.8561	105.4566659	105.495465	3.119543	105.495611	
2010	210	1900	210.791666667		07/29/2010 19:00	303.83	4.3351	0.28	15.53	0.309	13.05	38.8597	105.4555568	105.494356	3.118429	105.494497	
2010	210	2000	210.833333333		07/29/2010 20:00	304.13	4.3393	0.28	15.53	0.309	12.96	38.8498	105.4585815	105.497381	3.121468	105.497535	
2010	210	2100	210.875000000		07/29/2010 21:00	304.64	4.3465	0.28	15.52	0.309	12.9	38.8329	105.4637235	105.502523	3.126633	105.502700	
2010	210	2200	210.916666667		07/29/2010 22:00	305.2	4.3544	0.28	15.51	0.309	12.86	38.8144	105.4693696	105.508169	3.132304	105.508372	
2010	210	2300	210.958333333		07/29/2010 23:00	305.76	4.3623	0.279	15.49	0.309	12.82	38.7959	105.4750157	105.513815	3.137976	105.514043	
2010	210	2400	211.000000000		07/30/2010 0:00	306.34	4.3704	0.28	15.51	0.309	12.79	38.7767	105.4808635	105.519663	3.143850	105.519917	
2010	211	100	211.041666667		07/30/2010 1:00	306.98	4.3794	0.28	15.51	0.309	12.76	38.7555	105.4873162	105.526115	3.150331	105.526399	
2010	211	200	211.083333333		07/30/2010 2:00	307.36	4.3848	0.28	15.47	0.309	12.73	38.7430	105.4911475	105.529947	3.154180	105.530248	
2010	211	300	211.125000000		07/30/2010 3:00	307.59	4.3880	0.28	15.49	0.309	12.7	38.7353	105.4934664	105.532266	3.156509	105.532577	
2010	211	400	211.166666667		07/30/2010 4:00	307.69	4.3894	0.28	15.49	0.31	12.67	38.7320	105.4944746	105.533274	3.157522	105.533590	
2010	211	500	211.208333333		07/30/2010 5:00	307.31	4.3841	0.28	15.49	0.31	12.65	38.7446	105.4906433	105.529443	3.153674	105.529741	
2010	211	600	211.250000000		07/30/2010 6:00	306.24	4.3690	0.28	15.52	0.31	12.83	38.7800	105.4798552	105.518654	3.142837	105.518905	
2010	211	700	211.291666667		07/30/2010 7:00	305.17	4.3539	0.28	15.53	0.31	13.28	38.8154	105.4690672	105.507866	3.132000	105.508068	
2010	211	800	211.333333333		07/30/2010 8:00	303.55	4.3311	0.28	15.54	0.309	13.24	38.8690	105.4527338	105.491533	3.115594	105.491661	
2010	211	900	211.375000000		07/30/2010 9:00	302.36	4.3144	0.278	15.54	0.307	13.2	38.9083	105.4407358	105.479535	3.103542	105.479609	
2010	211	1000	211.416666667		07/30/2010 10:00	299.98	4.2809	0.277	15.58	0.305	13.18	38.9871	105.4167399	105.455539	3.079438	105.455506	
2010	211	1100	211.458333333		07/30/2010 11:00	298.62	4.2617	0.277	15.6	0.305	13.17	39.0321	105.4030279	105.441827	3.065664	105.441732	
2010	211	1200	211.500000000		07/30/2010 12:00	297.19	4.2416	0.278	15.62	0.306	13.15	39.0794	105.3886102	105.427409	3.051182	105.427249	
2010	211	1300	211.541666667		07/30/2010 13:00	296.34	4.2296	0.279	15.63	0.308	13.13	39.1075	105.3800402	105.418839	3.042573	105.418641	
2010	211	1400	211.583333333		07/30/2010 14:00	294.84	4.2085	0.283	15.66	0.312	13.1	39.1571	105.3649167	105.403716	3.027382	105.403449	
2010	211	1500	211.625000000		07/30/2010 15:00	293.98	4.1964	0.285	15.64	0.315	13.08	39.1855	105.3562459	105.395045	3.018672	105.394740	
2010	211	1600	211.666666667		07/30/2010 16:00	294.22	4.1998	0.286	15.66	0.315	13.06	39.1776	105.3586657	105.397465	3.021103	105.397170	
2010	211	1700	211.708333333		07/30/2010 17:00	294.16	4.1989	0.285	15.64	0.315	13.07	39.1796	105.3580607	105.396860	3.020495	105.396563	
2010	211	1800	211.750000000		07/30/2010 18:00	294.57	4.2047	0.29	15.63	0.32	13.08	39.1660	105.3621945	105.400994	3.024647	105.400715	
2010	211	1900	211.791666667		07/30/2010 19:00	295.13	4.2126	0.288	15.61	0.317	13.04	39.1475	105.3678406	105.406640	3.030319	105.406386	
2010	211	2000	211.833333333		07/30/2010 20:00	295.92	4.2237	0.287	15.6	0.317	12.94	39.1214	105.3758056	105.414605	3.038320	105.414387	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	211	2100	211.875000000		07/30/2010 21:00	296.15	4.2270	0.287	15.6	0.317	12.88	39.1138	105.3781246	105.416924	3.040649	105.416717	
2010	211	2200	211.916666667		07/30/2010 22:00	296.14	4.2268	0.287	15.59	0.317	12.83	39.1141	105.3780237	105.416823	3.040548	105.416615	
2010	211	2300	211.958333333		07/30/2010 23:00	296.63	4.2337	0.287	15.59	0.317	12.8	39.0979	105.3829641	105.421763	3.045510	105.421578	
2010	211	2400	212.000000000		07/31/2010 0:00	296.64	4.2339	0.286	15.59	0.316	12.76	39.0976	105.3830649	105.421864	3.045611	105.421679	
2010	212	100	212.041666667		07/31/2010 1:00	296.7	4.2347	0.286	15.58	0.316	12.73	39.0956	105.3836698	105.422469	3.046219	105.422287	
2010	212	200	212.083333333		07/31/2010 2:00	296.47	4.2315	0.286	15.57	0.316	12.7	39.1032	105.3813509	105.420150	3.043890	105.419957	
2010	212	300	212.125000000		07/31/2010 3:00	296.31	4.2292	0.285	15.57	0.315	12.68	39.1085	105.3797377	105.418537	3.042269	105.418337	
2010	212	400	212.166666667		07/31/2010 4:00	296.12	4.2265	0.285	15.59	0.315	12.65	39.1148	105.3778221	105.416621	3.040345	105.416413	
2010	212	500	212.208333333		07/31/2010 5:00	295.82	4.2223	0.285	15.59	0.315	12.63	39.1247	105.3747974	105.413597	3.037307	105.413374	
2010	212	600	212.250000000		07/31/2010 6:00	295.25	4.2143	0.285	15.59	0.315	12.73	39.1435	105.3690505	105.407850	3.031534	105.407602	
2010	212	700	212.291666667		07/31/2010 7:00	294.55	4.2044	0.284	15.59	0.314	13.1	39.1667	105.3619928	105.400792	3.024445	105.400512	
2010	212	800	212.333333333		07/31/2010 8:00	293.72	4.1927	0.285	15.6	0.314	13.29	39.1941	105.3536245	105.392424	3.016039	105.392106	
2010	212	900	212.375000000		07/31/2010 9:00	292.69	4.1782	0.285	15.61	0.314	13.36	39.2282	105.3432397	105.382039	3.005607	105.381675	
2010	212	1000	212.416666667		07/31/2010 10:00	291.36	4.1595	0.286	15.64	0.315	13.32	39.2722	105.3298302	105.368629	2.992137	105.368205	
2010	212	1100	212.458333333		07/31/2010 11:00	290.88	4.1528	0.293	15.66	0.323	13.27	39.2881	105.3249907	105.363790	2.987276	105.363344	
2010	212	1200	212.500000000		07/31/2010 12:00	289.28	4.1302	0.295	15.7	0.325	13.24	39.3410	105.308859	105.347658	2.971072	105.347140	
2010	212	1300	212.541666667		07/31/2010 13:00	288.35	4.1171	0.298	15.7	0.328	13.22	39.3718	105.2994824	105.338282	2.961653	105.337721	
2010	212	1400	212.583333333		07/31/2010 14:00	287.41	4.1039	0.299	15.72	0.33	13.18	39.4029	105.290005	105.328804	2.952133	105.328201	
2010	212	1500	212.625000000		07/31/2010 15:00	286.87	4.0963	0.3	15.73	0.331	13.16	39.4207	105.2845605	105.323360	2.946664	105.322732	
2010	212	1600	212.666666667		07/31/2010 16:00	286.8	4.0953	0.3	15.72	0.331	13.13	39.4230	105.2838548	105.322654	2.945955	105.322023	
2010	212	1700	212.708333333		07/31/2010 17:00	287.79	4.1093	0.303	15.71	0.334	13.18	39.3903	105.2938363	105.332635	2.955982	105.332049	
2010	212	1800	212.750000000		07/31/2010 18:00	288.4	4.1178	0.303	15.7	0.334	13.22	39.3701	105.2999865	105.338786	2.962160	105.338227	
2010	212	1900	212.791666667		07/31/2010 19:00	288.74	4.1226	0.305	15.69	0.337	13.17	39.3589	105.3034145	105.342214	2.965603	105.341671	
2010	212	2000	212.833333333		07/31/2010 20:00	289.22	4.1294	0.303	15.66	0.334	13.09	39.3430	105.308254	105.347053	2.970464	105.346532	
2010	212	2100	212.875000000		07/31/2010 21:00	289.21	4.1292	0.302	15.66	0.333	13.02	39.3433	105.3081532	105.346952	2.970363	105.346431	
2010	212	2200	212.916666667		07/31/2010 22:00	288.86	4.1243	0.301	15.67	0.332	12.98	39.3549	105.3046244	105.343424	2.966818	105.342886	
2010	212	2300	212.958333333		07/31/2010 23:00	288.34	4.1170	0.3	15.66	0.331	12.93	39.3721	105.2993816	105.338181	2.961552	105.337620	
2010	212	2400	213.000000000		08/01/2010 0:00	287.57	4.1062	0.299	15.66	0.33	12.89	39.3976	105.2916182	105.330417	2.953754	105.329821	
2010	213	100	213.041666667		08/01/2010 1:00	286.83	4.0957	0.299	15.68	0.33	12.86	39.4221	105.2841573	105.322956	2.946259	105.322327	
2010	213	200	213.083333333		08/01/2010 2:00	286.03	4.0845	0.3	15.7	0.331	12.83	39.4485	105.2760914	105.314891	2.938157	105.314225	
2010	213	300	213.125000000		08/01/2010 3:00	285.22	4.0731	0.3	15.7	0.33	12.79	39.4753	105.2679247	105.306724	2.929954	105.306021	
2010	213	400	213.166666667		08/01/2010 4:00	284.46	4.0624	0.3	15.69	0.33	12.76	39.5005	105.2602621	105.299061	2.922257	105.298324	
2010	213	500	213.208333333		08/01/2010 5:00	283.74	4.0522	0.301	15.7	0.331	12.73	39.5243	105.2530029	105.291802	2.914965	105.291032	
2010	213	600	213.250000000		08/01/2010 6:00	282.58	4.0359	0.301	15.73	0.332	12.98	39.5626	105.2413074	105.280107	2.903217	105.279284	
2010	213	700	213.291666667		08/01/2010 7:00	282.09	4.0290	0.303	15.74	0.334	13.35	39.5788	105.236367	105.275166	2.898254	105.274322	
2010	213	800	213.333333333		08/01/2010 8:00	281	4.0137	0.304	15.76	0.335	13.31	39.6149	105.2253773	105.264176	2.887215	105.263283	
2010	213	900	213.375000000		08/01/2010 9:00	279.91	3.9983	0.304	15.77	0.335	13.28	39.6510	105.2143875	105.253187	2.876176	105.252244	
2010	213	1000	213.416666667		08/01/2010 10:00	278.87	3.9837	0.305	15.78	0.336	13.24	39.6854	105.2039019	105.242701	2.865643	105.241711	
2010	213	1100	213.458333333		08/01/2010 11:00	277.89	3.9699	0.306	15.79	0.337	13.21	39.7178	105.1940212	105.232820	2.855718	105.231786	
2010	213	1200	213.500000000		08/01/2010 12:00	277	3.9573	0.307	15.8	0.338	13.2	39.7472	105.185048	105.223847	2.846704	105.222772	
2010	213	1300	213.541666667		08/01/2010 13:00	276.05	3.9440	0.307	15.81	0.339	13.17	39.7786	105.1754698	105.214269	2.837083	105.213151	
2010	213	1400	213.583333333		08/01/2010 14:00	275.35	3.9341	0.308	15.82	0.339	13.15	39.8018	105.1684121	105.207211	2.829994	105.206061	
2010	213	1500	213.625000000		08/01/2010 15:00	274.94	3.9283	0.308	15.81	0.34	13.15	39.8154	105.1642784	105.203078	2.825841	105.201909	
2010	213	1600	213.666666667		08/01/2010 16:00	274.25	3.9186	0.309	15.83	0.34	13.13	39.8382	105.1573216	105.196121	2.818853	105.194921	
2010	213	1700	213.708333333		08/01/2010 17:00	273.67	3.9105	0.309	15.83	0.34	13.14	39.8574	105.1514738	105.190273	2.812979	105.189047	
2010	213	1800	213.750000000		08/01/2010 18:00	273.03	3.9015	0.31	15.82	0.341	13.15	39.8785	105.1450211	105.183820	2.806498	105.182565	
2010	213	1900	213.791666667		08/01/2010 19:00	272.34	3.8917	0.31	15.83	0.341	13.11	39.9014	105.1380643	105.176864	2.799509	105.175577	
2010	213	2000	213.833333333		08/01/2010 20:00	271.77	3.8837	0.31	15.82	0.342	13.02	39.9202	105.1323174	105.171117	2.793737	105.169804	
2010	213	2100	213.875000000		08/01/2010 21:00	271.07	3.8739	0.311	15.81	0.342	12.98	39.9434	105.1252598	105.164059	2.786647	105.162715	
2010	213	2200	213.916666667		08/01/2010 22:00	270.43	3.8648	0.311	15.82	0.342	12.92	39.9645	105.1188071	105.157606	2.780166	105.156233	
2010	213	2300	213.958333333		08/01/2010 23:00	269.78	3.8557	0.311	15.83	0.342	12.89	39.9860	105.1122536	105.151053	2.773583	105.149650	
2010	213	2400	214.000000000		08/02/2010 0:00	269.27	3.8485	0.311	15.81	0.343	12.84	40.0029	105.1071116	105.145911	2.768418	105.144485	
2010	214	100	214.041666667		08/02/2010 1:00	268.82	3.8422	0.311	15.82	0.343	12.81	40.0178	105.1025745	105.141374	2.763860	105.139928	
2010	214	200	214.083333333		08/02/2010 2:00	268.49	3.8375	0.312	15.82	0.343	12.78	40.0287	105.0992474	105.138047	2.760518	105.136586	
2010	214	300	214.125000000		08/02/2010 3:00	268.14	3.8326	0.312	15.82	0.343	12.75	40.0403	105.0957185	105.134518	2.756973	105.133041	
2010	214	400	214.166666667		08/02/2010 4:00	267.86	3.8287	0.312	15.8	0.344	12.71	40.0496	105.0928955	105.131695	2.754138	105.130205	
2010	214	500	214.208333333		08/02/2010 5:00	267.47	3.8232	0.312	15.8	0.344	12.69	40.0625	105.0889634	105.127763	2.750188	105.126255	
2010	214	600	214.250000000		08/02/2010 6:00	266.95	3.8159	0.312	15.8	0.344	12.94	40.0797	105.0837206	105.122520	2.744921	105.120989	
2010	214	700	214.291666667		08/02/2010 7:00	266.43	3.8085	0.312	15.8	0.344	13.33	40.0969	105.0784778	105.117277	2.739655	105.115723	
2010	214	800	214.333333333		08/02/2010 8:00	265.75	3.7990	0.312	15.8	0.344	13.3	40.1194	105.0716218	105.110421	2.732768	105.108836	
2010	214	900	214.375000000		08/02/2010 9:00	265.21	3.7914	0.312	15.81	0.344	13.25	40.1372	105.0661773	105.104977	2.727299	105.103367	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1000	214.416666667		08/02/2010 10:00	264.3	3.7785	0.312	15.81	0.344	13.22	40.1673	105.0570024	105.095802	2.718083	105.094151	
2010	214	1100	214.458333333		08/02/2010 11:00	263.58	3.7684	0.312	15.82	0.344	13.2	40.1911	105.0497431	105.088542	2.710791	105.086859	
2010	214	1200	214.500000000		08/02/2010 12:00	262.7	3.7560	0.313	15.83	0.344	13.18	40.2202	105.0408707	105.079670	2.701879	105.077947	
2010	214	1300	214.541666667		08/02/2010 13:00	262.26	3.7498	0.313	15.83	0.345	13.15	40.2348	105.0364345	105.075234	2.697423	105.073490	
2010	214	1400	214.583333333		08/02/2010 14:00	261.32	3.7366	0.312	15.84	0.343	13.13	40.2659	105.0269571	105.065756	2.687903	105.063970	
2010	214	1500	214.625000000		08/02/2010 15:00	260.81	3.7294	0.31	15.83	0.341	13.11	40.2828	105.0218151	105.060614	2.682738	105.058805	
2010	214	1600	214.666666667		08/02/2010 16:00	260.4	3.7236	0.309	15.82	0.341	13.12	40.2963	105.0176813	105.056481	2.678585	105.054653	
2010	214	1700	214.708333333		08/02/2010 17:00	260.37	3.7232	0.31	15.82	0.341	13.12	40.2973	105.0173789	105.056178	2.678281	105.054349	
2010	214	1800	214.750000000		08/02/2010 18:00	260.79	3.7291	0.31	15.81	0.342	13.15	40.2834	105.0216134	105.060413	2.682535	105.058603	
2010	214	1900	214.791666667		08/02/2010 19:00	261.98	3.7459	0.312	15.81	0.344	13.11	40.2441	105.0336114	105.072411	2.694587	105.070655	
2010	214	2000	214.833333333		08/02/2010 20:00	263.7	3.7701	0.313	15.79	0.345	13.02	40.1872	105.050953	105.089752	2.712007	105.088074	
2010	214	2100	214.875000000		08/02/2010 21:00	265.61	3.7970	0.313	15.77	0.344	12.96	40.1240	105.0702103	105.109009	2.731350	105.107418	
2010	214	2200	214.916666667		08/02/2010 22:00	267.32	3.8211	0.31	15.76	0.342	12.91	40.0674	105.087451	105.126250	2.748669	105.124736	
2010	214	2300	214.958333333		08/02/2010 23:00	268.88	3.8430	0.311	15.77	0.343	12.87	40.0158	105.1031795	105.141979	2.764468	105.140535	
2010	214	2400	215.000000000		08/03/2010 0:00	269.99	3.8587	0.312	15.77	0.344	12.83	39.9791	105.1143709	105.153170	2.775709	105.151777	
2010	215	100	215.041666667		08/03/2010 1:00	270.85	3.8708	0.313	15.75	0.344	12.8	39.9507	105.1230417	105.161841	2.784419	105.160487	
2010	215	200	215.083333333		08/03/2010 2:00	271.56	3.8808	0.313	15.76	0.345	12.77	39.9272	105.1302001	105.168999	2.791610	105.167678	
2010	215	300	215.125000000		08/03/2010 3:00	272.2	3.8898	0.313	15.77	0.345	12.74	39.9060	105.1366528	105.175452	2.798092	105.174159	
2010	215	400	215.166666667		08/03/2010 4:00	272.83	3.8986	0.313	15.75	0.345	12.71	39.8852	105.1430047	105.181804	2.804472	105.180540	
2010	215	500	215.208333333		08/03/2010 5:00	273.31	3.9054	0.314	15.76	0.345	12.69	39.8693	105.1478442	105.186643	2.809333	105.185401	
2010	215	600	215.250000000		08/03/2010 6:00	273.49	3.9079	0.314	15.76	0.346	12.94	39.8633	105.149659	105.188458	2.811156	105.187224	
2010	215	700	215.291666667		08/03/2010 7:00	273.76	3.9117	0.314	15.76	0.346	13.3	39.8544	105.1523812	105.191180	2.813891	105.189958	
2010	215	800	215.333333333		08/03/2010 8:00	273.7	3.9109	0.314	15.77	0.346	13.27	39.8564	105.1517763	105.190575	2.813283	105.189351	
2010	215	900	215.375000000		08/03/2010 9:00	273.32	3.9055	0.314	15.75	0.346	13.23	39.8689	105.147945	105.186744	2.809435	105.185502	
2010	215	1000	215.416666667		08/03/2010 10:00	272.95	3.9003	0.314	15.76	0.346	13.2	39.8812	105.1442145	105.183014	2.805687	105.181755	
2010	215	1100	215.458333333		08/03/2010 11:00	272.35	3.8919	0.315	15.75	0.347	13.18	39.9010	105.1381651	105.176964	2.799611	105.175678	
2010	215	1200	215.500000000		08/03/2010 12:00	272.05	3.8877	0.315	15.77	0.347	13.16	39.9110	105.1351404	105.173940	2.796572	105.172640	
2010	215	1300	215.541666667		08/03/2010 13:00	272.4	3.8926	0.315	15.78	0.347	13.15	39.8994	105.1386693	105.177468	2.800117	105.176185	
2010	215	1400	215.583333333		08/03/2010 14:00	272.38	3.8923	0.315	15.75	0.347	13.12	39.9000	105.1384676	105.177267	2.799915	105.175982	
2010	215	1500	215.625000000		08/03/2010 15:00	273.28	3.9050	0.315	15.75	0.347	13.11	39.8703	105.1475417	105.186341	2.809029	105.185097	
2010	215	1600	215.666666667		08/03/2010 16:00	274.48	3.9219	0.315	15.76	0.347	13.1	39.8306	105.1596405	105.198440	2.821183	105.197250	
2010	215	1700	215.708333333		08/03/2010 17:00	275.77	3.9400	0.315	15.76	0.347	13.11	39.7879	105.1726467	105.211446	2.834247	105.210315	
2010	215	1800	215.750000000		08/03/2010 18:00	277.26	3.9610	0.314	15.75	0.346	13.14	39.7386	105.1876694	105.226469	2.849338	105.225405	
2010	215	1900	215.791666667		08/03/2010 19:00	279.02	3.9858	0.312	15.75	0.344	13.09	39.6804	105.2054143	105.244213	2.867162	105.243230	
2010	215	2000	215.833333333		08/03/2010 20:00	280.66	4.0089	0.304	15.76	0.335	13	39.6262	105.2219493	105.260748	2.883772	105.259839	
2010	215	2100	215.875000000		08/03/2010 21:00	282.18	4.0303	0.302	15.74	0.332	12.94	39.5759	105.2372744	105.276074	2.899166	105.275233	
2010	215	2200	215.916666667		08/03/2010 22:00	283.13	4.0436	0.299	15.75	0.33	12.9	39.5444	105.2468526	105.285652	2.908787	105.284855	
2010	215	2300	215.958333333		08/03/2010 23:00	283.83	4.0535	0.298	15.76	0.328	12.86	39.5213	105.2539103	105.292709	2.915876	105.291944	
2010	215	2400	216.000000000		08/04/2010 0:00	284.18	4.0584	0.298	15.76	0.329	12.83	39.5097	105.2574391	105.296238	2.919421	105.295489	
2010	216	100	216.041666667		08/04/2010 1:00	284.3	4.0601	0.3	15.75	0.331	12.79	39.5057	105.258649	105.297448	2.920636	105.296704	
2010	216	200	216.083333333		08/04/2010 2:00	284.2	4.0587	0.301	15.77	0.332	12.76	39.5091	105.2576407	105.296440	2.919623	105.295691	
2010	216	300	216.125000000		08/04/2010 3:00	284.27	4.0597	0.301	15.75	0.332	12.73	39.5067	105.2583465	105.297146	2.920332	105.296400	
2010	216	400	216.166666667		08/04/2010 4:00	284.33	4.0605	0.301	15.75	0.331	12.7	39.5048	105.2589514	105.297751	2.920940	105.297008	
2010	216	500	216.208333333		08/04/2010 5:00	284.34	4.0607	0.301	15.75	0.331	12.68	39.5044	105.2590523	105.297851	2.921041	105.297109	
2010	216	600	216.250000000		08/04/2010 6:00	284.17	4.0583	0.3	15.75	0.331	12.94	39.5100	105.2573383	105.296137	2.919320	105.295387	
2010	216	700	216.291666667		08/04/2010 7:00	284.18	4.0584	0.3	15.77	0.331	13.29	39.5097	105.2574391	105.296238	2.919421	105.295489	
2010	216	800	216.333333333		08/04/2010 8:00	284.08	4.0570	0.3	15.76	0.331	13.27	39.5130	105.2564309	105.295230	2.918408	105.294476	
2010	216	900	216.375000000		08/04/2010 9:00	283.86	4.0539	0.3	15.76	0.33	13.24	39.5203	105.2542127	105.293012	2.916180	105.292248	
2010	216	1000	216.416666667		08/04/2010 10:00	283.46	4.0483	0.3	15.74	0.331	13.21	39.5335	105.2501798	105.288979	2.912129	105.288197	
2010	216	1100	216.458333333		08/04/2010 11:00	282.8	4.0390	0.3	15.75	0.331	13.19	39.5554	105.2435255	105.282325	2.905445	105.281512	
2010	216	1200	216.500000000		08/04/2010 12:00	282.55	4.0355	0.3	15.76	0.331	13.17	39.5636	105.2410049	105.279804	2.902913	105.278981	
2010	216	1300	216.541666667		08/04/2010 13:00	282.65	4.0369	0.3	15.76	0.33	13.15	39.5603	105.2420131	105.280812	2.903926	105.279993	
2010	216	1400	216.583333333		08/04/2010 14:00	282.57	4.0358	0.3	15.76	0.331	13.12	39.5630	105.2412065	105.280006	2.903115	105.279183	
2010	216	1500	216.625000000		08/04/2010 15:00	282.93	4.0408	0.3	15.76	0.331	13.11	39.5511	105.2448362	105.283635	2.906761	105.282829	
2010	216	1600	216.666666667		08/04/2010 16:00	283.64	4.0508	0.3	15.76	0.331	13.09	39.5276	105.2519946	105.290794	2.913952	105.290020	
2010	216	1700	216.708333333		08/04/2010 17:00	284.55	4.0636	0.3	15.75	0.33	13.09	39.4975	105.2611695	105.299969	2.923168	105.299236	
2010	216	1800	216.750000000		08/04/2010 18:00	285.6	4.0784	0.3	15.74	0.33	13.1	39.4627	105.271756	105.310555	2.933802	105.309870	
2010	216	1900	216.791666667		08/04/2010 19:00	286.53	4.0915	0.3	15.76	0.33	13.04	39.4320	105.2811326	105.319932	2.943221	105.319289	
2010	216	2000	216.833333333		08/04/2010 20:00	287.55	4.1059	0.292	15.75	0.322	12.96	39.3982	105.2914165	105.330216	2.953551	105.329619	
2010	216	2100	216.875000000		08/04/2010 21:00	288.59	4.1205	0.291	15.76	0.321	12.91	39.3638	105.3019022	105.340701	2.964084	105.340152	
2010	216	2200	216.916666667		08/04/2010 22:00	289.59	4.1346	0.291	15.75	0.321	12.85	39.3308	105.3119845	105.350784	2.974212	105.350279	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	216	2300	216.958333333		08/04/2010 23:00	290.84	4.1522	0.29	15.76	0.32	12.82	39.2894	105.3245874	105.363387	2.986871	105.362939	
2010	216	2400	217.000000000		08/05/2010 0:00	291.85	4.1664	0.29	15.75	0.32	12.78	39.2560	105.3347705	105.373570	2.997100	105.373168	
2010	217	100	217.041666667		08/05/2010 1:00	292.79	4.1797	0.289	15.76	0.319	12.75	39.2249	105.3442479	105.383047	3.006620	105.382688	
2010	217	200	217.083333333		08/05/2010 2:00	293.5	4.1896	0.289	15.76	0.318	12.71	39.2014	105.3514064	105.390206	3.013811	105.389878	
2010	217	300	217.125000000		08/05/2010 3:00	294.08	4.1978	0.289	15.77	0.318	12.69	39.1822	105.3572541	105.396053	3.019685	105.395752	
2010	217	400	217.166666667		08/05/2010 4:00	294.25	4.2002	0.289	15.75	0.318	12.66	39.1766	105.3589681	105.397767	3.021406	105.397474	
2010	217	500	217.208333333		08/05/2010 5:00	294	4.1967	0.29	15.76	0.32	12.64	39.1849	105.3564475	105.395247	3.018874	105.394942	
2010	217	600	217.250000000		08/05/2010 6:00	293.26	4.1863	0.291	15.77	0.321	12.88	39.2094	105.3489866	105.387786	3.011380	105.387448	
2010	217	700	217.291666667		08/05/2010 7:00	292.72	4.1787	0.291	15.76	0.321	13.29	39.2272	105.3435422	105.382341	3.005911	105.381979	
2010	217	800	217.333333333		08/05/2010 8:00	291.46	4.1609	0.291	15.75	0.321	13.24	39.2689	105.3308384	105.369638	2.993150	105.369218	
2010	217	900	217.375000000		08/05/2010 9:00	290.36	4.1454	0.291	15.76	0.32	13.21	39.3053	105.3197479	105.358547	2.982010	105.358078	
2010	217	1000	217.416666667		08/05/2010 10:00	289	4.1263	0.291	15.76	0.32	13.18	39.3503	105.3060359	105.344835	2.968236	105.344304	
2010	217	1100	217.458333333		08/05/2010 11:00	288.22	4.1153	0.291	15.78	0.32	13.15	39.3761	105.2981717	105.336971	2.960337	105.336404	
2010	217	1200	217.500000000		08/05/2010 12:00	287.63	4.1070	0.291	15.77	0.32	13.12	39.3956	105.2922231	105.331022	2.954361	105.330429	
2010	217	1300	217.541666667		08/05/2010 13:00	287.29	4.1022	0.291	15.78	0.32	13.1	39.4068	105.2887951	105.327594	2.950918	105.326986	
2010	217	1400	217.583333333		08/05/2010 14:00	286.77	4.0949	0.29	15.76	0.32	13.09	39.4240	105.2835523	105.322352	2.945652	105.321719	
2010	217	1500	217.625000000		08/05/2010 15:00	286.72	4.0942	0.29	15.76	0.32	13.07	39.4257	105.2830482	105.321847	2.945145	105.321213	
2010	217	1600	217.666666667		08/05/2010 16:00	286.21	4.0870	0.29	15.77	0.32	13.07	39.4426	105.2779062	105.316705	2.939980	105.316048	
2010	217	1700	217.708333333		08/05/2010 17:00	286.77	4.0949	0.29	15.76	0.32	13.07	39.4240	105.2835523	105.322352	2.945652	105.321719	
2010	217	1800	217.750000000		08/05/2010 18:00	287.28	4.1021	0.291	15.77	0.32	13.09	39.4072	105.2886943	105.327494	2.950817	105.326884	
2010	217	1900	217.791666667		08/05/2010 19:00	287.67	4.1076	0.291	15.77	0.32	13.01	39.3943	105.2926264	105.331426	2.954766	105.330834	
2010	217	2000	217.833333333		08/05/2010 20:00	288.3	4.1164	0.291	15.76	0.32	12.94	39.3734	105.2989783	105.337777	2.961147	105.337215	
2010	217	2100	217.875000000		08/05/2010 21:00	288.77	4.1231	0.291	15.76	0.32	12.88	39.3579	105.303717	105.342516	2.965907	105.341975	
2010	217	2200	217.916666667		08/05/2010 22:00	289.76	4.1370	0.291	15.77	0.32	12.83	39.3251	105.3136985	105.352498	2.975933	105.352001	
2010	217	2300	217.958333333		08/05/2010 23:00	290.56	4.1483	0.29	15.77	0.32	12.79	39.2987	105.3217643	105.360564	2.984035	105.360103	
2010	217	2400	218.000000000		08/06/2010 0:00	291.18	4.1570	0.29	15.77	0.32	12.76	39.2782	105.3280154	105.366815	2.990314	105.366382	
2010	218	100	218.041666667		08/06/2010 1:00	291.69	4.1642	0.291	15.79	0.32	12.73	39.2613	105.3331574	105.371957	2.995480	105.371547	
2010	218	200	218.083333333		08/06/2010 2:00	292.03	4.1690	0.291	15.77	0.321	12.69	39.2500	105.3365854	105.375385	2.998923	105.374991	
2010	218	300	218.125000000		08/06/2010 3:00	292.42	4.1744	0.291	15.78	0.321	12.67	39.2371	105.3405175	105.379317	3.002873	105.378940	
2010	218	400	218.166666667		08/06/2010 4:00	292.66	4.1778	0.291	15.77	0.321	12.65	39.2292	105.3429372	105.381736	3.005303	105.381371	
2010	218	500	218.208333333		08/06/2010 5:00	292.61	4.1771	0.292	15.78	0.321	12.63	39.2309	105.3424331	105.381232	3.004797	105.380865	
2010	218	600	218.250000000		08/06/2010 6:00	291.91	4.1673	0.291	15.78	0.321	12.87	39.2540	105.3353755	105.374175	2.997708	105.373775	
2010	218	700	218.291666667		08/06/2010 7:00	291.39	4.1599	0.291	15.78	0.321	13.29	39.2712	105.3301327	105.368932	2.992441	105.368509	
2010	218	800	218.333333333		08/06/2010 8:00	290.15	4.1425	0.291	15.79	0.321	13.25	39.3122	105.3176306	105.356430	2.979883	105.355951	
2010	218	900	218.375000000		08/06/2010 9:00	289.3	4.1305	0.291	15.78	0.321	13.21	39.3404	105.3090606	105.347860	2.971274	105.347342	
2010	218	1000	218.416666667		08/06/2010 10:00	288.53	4.1197	0.291	15.78	0.321	13.18	39.3658	105.3012972	105.340096	2.963476	105.339544	
2010	218	1100	218.458333333		08/06/2010 11:00	288.13	4.1140	0.291	15.79	0.321	13.16	39.3791	105.2972643	105.336063	2.959425	105.335493	
2010	218	1200	218.500000000		08/06/2010 12:00	287.23	4.1014	0.291	15.8	0.32	13.14	39.4088	105.2881902	105.326989	2.950310	105.326378	
2010	218	1300	218.541666667		08/06/2010 13:00	287.75	4.1087	0.291	15.79	0.32	13.12	39.3916	105.293433	105.332232	2.955577	105.331644	
2010	218	1400	218.583333333		08/06/2010 14:00	286.61	4.0926	0.291	15.76	0.32	13.11	39.4293	105.2819391	105.320738	2.944031	105.320099	
2010	218	1500	218.625000000		08/06/2010 15:00	286.77	4.0949	0.291	15.79	0.32	13.09	39.4240	105.2835523	105.322352	2.945652	105.321719	
2010	218	1600	218.666666667		08/06/2010 16:00	287.71	4.1081	0.291	15.78	0.32	13.09	39.3929	105.2930297	105.331829	2.955172	105.331239	
2010	218	1700	218.708333333		08/06/2010 17:00	288.49	4.1191	0.291	15.79	0.32	13.1	39.3671	105.3008939	105.339693	2.963071	105.339139	
2010	218	1800	218.750000000		08/06/2010 18:00	289.64	4.1353	0.291	15.77	0.32	13.11	39.3291	105.3124886	105.351288	2.974718	105.350786	
2010	218	1900	218.791666667		08/06/2010 19:00	290.73	4.1506	0.291	15.79	0.32	13.04	39.2931	105.3234783	105.362278	2.985757	105.361825	
2010	218	2000	218.833333333		08/06/2010 20:00	291.5	4.1615	0.291	15.77	0.321	12.96	39.2676	105.3312417	105.370041	2.993555	105.369623	
2010	218	2100	218.875000000		08/06/2010 21:00	292.02	4.1688	0.292	15.79	0.321	12.9	39.2504	105.3364845	105.375284	2.998822	105.374889	
2010	218	2200	218.916666667		08/06/2010 22:00	292.47	4.1751	0.293	15.8	0.322	12.85	39.2355	105.3410216	105.379821	3.003379	105.379447	
2010	218	2300	218.958333333		08/06/2010 23:00	292.62	4.1773	0.293	15.8	0.323	12.81	39.2305	105.3425339	105.381333	3.004898	105.380966	
2010	218	2400	219.000000000		08/07/2010 0:00	292.61	4.1771	0.293	15.8	0.323	12.77	39.2309	105.3424331	105.381232	3.004797	105.380865	
2010	219	100	219.041666667		08/07/2010 1:00	292.55	4.1763	0.293	15.8	0.323	12.74	39.2328	105.3418282	105.380627	3.004189	105.380257	
2010	219	200	219.083333333		08/07/2010 2:00	292.49	4.1754	0.293	15.8	0.323	12.72	39.2348	105.3412232	105.380022	3.003582	105.379649	
2010	219	300	219.125000000		08/07/2010 3:00	292.37	4.1737	0.293	15.8	0.323	12.69	39.2388	105.3400134	105.378813	3.002366	105.378434	
2010	219	400	219.166666667		08/07/2010 4:00	292.42	4.1744	0.293	15.81	0.323	12.66	39.2371	105.3405175	105.379317	3.002873	105.378940	
2010	219	500	219.208333333		08/07/2010 5:00	292.34	4.1733	0.293	15.81	0.323	12.64	39.2398	105.3397109	105.378510	3.002063	105.378130	
2010	219	600	219.250000000		08/07/2010 6:00	291.87	4.1667	0.293	15.8	0.323	12.85	39.2553	105.3349722	105.373771	2.997303	105.373370	
2010	219	700	219.291666667		08/07/2010 7:00	291.74	4.1649	0.293	15.8	0.323	13.3	39.2596	105.3336615	105.372461	2.995986	105.372054	
2010	219	800	219.333333333		08/07/2010 8:00	290.88	4.1528	0.293	15.81	0.323	13.26	39.2881	105.3249907	105.363790	2.987276	105.363344	
2010	219	900	219.375000000		08/07/2010 9:00	290.63	4.1492	0.293	15.81	0.323	13.22	39.2964	105.3224701	105.361269	2.984744	105.360812	
2010	219	1000	219.416666667		08/07/2010 10:00	289.48	4.1331	0.293	15.79	0.323	13.2	39.3344	105.3108754	105.349675	2.973097	105.349165	
2010	219	1100	219.458333333		08/07/2010 11:00	289.34	4.1311	0.293	15.82	0.323	13.18	39.3390	105.3094639	105.348263	2.971680	105.347747	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1200	219.500000000		08/07/2010 12:00	288.15	4.1143	0.292	15.81	0.322	13.17	39.3784	105.2974659	105.336265	2.959628	105.335695	
2010	219	1300	219.541666667		08/07/2010 13:00	287.4	4.1038	0.292	15.81	0.321	13.15	39.4032	105.2899042	105.328703	2.952032	105.328100	
2010	219	1400	219.583333333		08/07/2010 14:00	285.79	4.0811	0.291	15.8	0.321	13.13	39.4565	105.2736716	105.312471	2.935726	105.311794	
2010	219	1500	219.625000000		08/07/2010 15:00	285.96	4.0835	0.291	15.8	0.32	13.11	39.4508	105.2753856	105.314185	2.937448	105.313516	
2010	219	1600	219.666666667		08/07/2010 16:00	286.18	4.0866	0.291	15.81	0.32	13.12	39.4436	105.2776037	105.316403	2.939676	105.315744	
2010	219	1700	219.708333333		08/07/2010 17:00	286.46	4.0905	0.291	15.8	0.32	13.14	39.4343	105.2804268	105.319226	2.942512	105.318580	
2010	219	1800	219.750000000		08/07/2010 18:00	287.67	4.1076	0.291	15.81	0.32	13.16	39.3943	105.2926264	105.331426	2.954766	105.330834	
2010	219	1900	219.791666667		08/07/2010 19:00	289.13	4.1281	0.291	15.81	0.321	13.11	39.3460	105.3073466	105.346146	2.969553	105.345620	
2010	219	2000	219.833333333		08/07/2010 20:00	290.61	4.1490	0.292	15.82	0.321	13.02	39.2970	105.3222685	105.361068	2.984542	105.360609	
2010	219	2100	219.875000000		08/07/2010 21:00	291.96	4.1680	0.293	15.82	0.322	12.96	39.2524	105.3358796	105.374679	2.998214	105.374282	
2010	219	2200	219.916666667		08/07/2010 22:00	293.17	4.1850	0.293	15.82	0.323	12.92	39.2123	105.3480792	105.386878	3.010469	105.386536	
2010	219	2300	219.958333333		08/07/2010 23:00	294.03	4.1971	0.296	15.81	0.326	12.88	39.1839	105.35675	105.395549	3.019178	105.395246	
2010	219	2400	220.000000000		08/08/2010 0:00	294.56	4.2046	0.301	15.81	0.331	12.84	39.1664	105.3620937	105.400893	3.024546	105.400614	
2010	220	100	220.041666667		08/08/2010 1:00	294.79	4.2078	0.301	15.81	0.331	12.81	39.1588	105.3644126	105.403212	3.026875	105.402943	
2010	220	200	220.083333333		08/08/2010 2:00	294.92	4.2096	0.3	15.82	0.33	12.78	39.1545	105.3657233	105.404522	3.028192	105.404260	
2010	220	300	220.125000000		08/08/2010 3:00	294.78	4.2077	0.298	15.82	0.328	12.75	39.1591	105.3643118	105.403111	3.026774	105.402842	
2010	220	400	220.166666667		08/08/2010 4:00	294.48	4.2034	0.297	15.83	0.328	12.72	39.1690	105.3612871	105.400086	3.023736	105.399803	
2010	220	500	220.208333333		08/08/2010 5:00	293.79	4.1937	0.297	15.81	0.327	12.69	39.1918	105.3543303	105.393129	3.016748	105.392815	
2010	220	600	220.250000000		08/08/2010 6:00	292.49	4.1754	0.296	15.84	0.326	12.83	39.2348	105.3412232	105.380022	3.003582	105.379649	
2010	220	700	220.291666667		08/08/2010 7:00	291.83	4.1661	0.295	15.83	0.325	13.29	39.2567	105.3345689	105.373368	2.996897	105.372965	
2010	220	800	220.333333333		08/08/2010 8:00	290.44	4.1466	0.294	15.83	0.324	13.27	39.3026	105.3205545	105.359354	2.982820	105.358888	
2010	220	900	220.375000000		08/08/2010 9:00	289.44	4.1325	0.294	15.83	0.323	13.24	39.3357	105.3104721	105.349271	2.972692	105.348760	
2010	220	1000	220.416666667		08/08/2010 10:00	288.37	4.1174	0.293	15.83	0.322	13.22	39.3711	105.299684	105.338483	2.961856	105.337923	
2010	220	1100	220.458333333		08/08/2010 11:00	287.68	4.1077	0.292	15.82	0.322	13.2	39.3939	105.2927272	105.331526	2.954868	105.330935	
2010	220	1200	220.500000000		08/08/2010 12:00	287	4.0981	0.292	15.81	0.321	13.2	39.4164	105.2858713	105.324670	2.947981	105.324049	
2010	220	1300	220.541666667		08/08/2010 13:00	286.06	4.0849	0.292	15.83	0.321	13.17	39.4475	105.2763939	105.315193	2.938461	105.314529	
2010	220	1400	220.583333333		08/08/2010 14:00	285.5	4.0770	0.291	15.83	0.321	13.15	39.4661	105.2707478	105.309547	2.932789	105.308857	
2010	220	1500	220.625000000		08/08/2010 15:00	284.46	4.0624	0.291	15.84	0.321	13.14	39.5005	105.2602621	105.299061	2.922257	105.298324	
2010	220	1600	220.666666667		08/08/2010 16:00	283.79	4.0529	0.291	15.82	0.32	13.13	39.5226	105.253507	105.292306	2.915471	105.291539	
2010	220	1700	220.708333333		08/08/2010 17:00	283.09	4.0431	0.291	15.81	0.32	13.13	39.5458	105.2464493	105.285249	2.908382	105.284449	
2010	220	1800	220.750000000		08/08/2010 18:00	282.76	4.0384	0.291	15.83	0.32	13.15	39.5567	105.2431222	105.281921	2.905040	105.281107	
2010	220	1900	220.791666667		08/08/2010 19:00	282.33	4.0324	0.291	15.83	0.32	13.05	39.5709	105.2387868	105.277586	2.900685	105.276752	
2010	220	2000	220.833333333		08/08/2010 20:00	281.62	4.0224	0.29	15.83	0.32	12.98	39.5944	105.2316283	105.270428	2.893494	105.269562	
2010	220	2100	220.875000000		08/08/2010 21:00	281.02	4.0139	0.29	15.83	0.32	12.92	39.6142	105.2255789	105.264378	2.887418	105.263485	
2010	220	2200	220.916666667		08/08/2010 22:00	280.48	4.0063	0.29	15.83	0.32	12.88	39.6321	105.2201345	105.258934	2.881949	105.258016	
2010	220	2300	220.958333333		08/08/2010 23:00	279.87	3.9978	0.29	15.85	0.32	12.84	39.6523	105.2139843	105.252783	2.875771	105.251838	
2010	220	2400	221.000000000		08/09/2010 0:00	279.26	3.9892	0.29	15.83	0.319	12.8	39.6725	105.207834	105.246633	2.869593	105.245661	
2010	221	100	221.041666667		08/09/2010 1:00	278.63	3.9803	0.29	15.84	0.319	12.77	39.6933	105.2014822	105.240281	2.863212	105.239280	
2010	221	200	221.083333333		08/09/2010 2:00	278.07	3.9724	0.29	15.86	0.319	12.74	39.7118	105.1958361	105.234635	2.857541	105.233609	
2010	221	300	221.125000000		08/09/2010 3:00	277.42	3.9633	0.29	15.85	0.319	12.71	39.7333	105.1892825	105.228082	2.850958	105.227026	
2010	221	400	221.166666667		08/09/2010 4:00	276.84	3.9551	0.29	15.85	0.319	12.69	39.7525	105.1834348	105.222234	2.845084	105.221152	
2010	221	500	221.208333333		08/09/2010 5:00	276.17	3.9457	0.29	15.83	0.32	12.66	39.7747	105.1766796	105.215479	2.838298	105.214366	
2010	221	600	221.250000000		08/09/2010 6:00	275.39	3.9347	0.29	15.87	0.319	12.9	39.8005	105.1688154	105.207615	2.830399	105.206467	
2010	221	700	221.291666667		08/09/2010 7:00	274.89	3.9276	0.29	15.86	0.319	13.39	39.8170	105.1637743	105.202573	2.825335	105.201403	
2010	221	800	221.333333333		08/09/2010 8:00	274.18	3.9176	0.29	15.87	0.319	13.34	39.8405	105.1566158	105.195415	2.818144	105.194212	
2010	221	900	221.375000000		08/09/2010 9:00	273.65	3.9102	0.29	15.86	0.32	13.31	39.8580	105.1512722	105.190071	2.812777	105.188844	
2010	221	1000	221.416666667		08/09/2010 10:00	272.64	3.8960	0.291	15.86	0.32	13.26	39.8914	105.141089	105.179888	2.802548	105.178615	
2010	221	1100	221.458333333		08/09/2010 11:00	272.07	3.8879	0.291	15.87	0.32	13.24	39.9103	105.1353421	105.174141	2.796775	105.172843	
2010	221	1200	221.500000000		08/09/2010 12:00	271.68	3.8824	0.303	15.91	0.333	13.21	39.9232	105.13141	105.170209	2.792825	105.168893	
2010	221	1300	221.541666667		08/09/2010 13:00	271.71	3.8829	0.299	15.9	0.329	13.18	39.9222	105.1317125	105.170512	2.793129	105.169197	
2010	221	1400	221.583333333		08/09/2010 14:00	271.28	3.8768	0.298	15.89	0.328	13.16	39.9364	105.1273771	105.166176	2.788774	105.164842	
2010	221	1500	221.625000000		08/09/2010 15:00	271.95	3.8862	0.298	15.88	0.328	13.14	39.9143	105.1341322	105.172931	2.795560	105.171627	
2010	221	1600	221.666666667		08/09/2010 16:00	272.54	3.8946	0.298	15.88	0.328	13.13	39.8947	105.1400808	105.178880	2.801535	105.177603	
2010	221	1700	221.708333333		08/09/2010 17:00	273.56	3.9089	0.299	15.91	0.328	13.15	39.8610	105.1503648	105.189164	2.811865	105.187933	
2010	221	1800	221.750000000		08/09/2010 18:00	275.19	3.9319	0.299	15.89	0.329	13.18	39.8071	105.166799	105.205598	2.828373	105.204441	
2010	221	1900	221.791666667		08/09/2010 19:00	276.07	3.9443	0.299	15.89	0.329	13.12	39.7780	105.1756714	105.214471	2.837286	105.213353	
2010	221	2000	221.833333333		08/09/2010 20:00	276.88	3.9557	0.299	15.89	0.329	13.04	39.7512	105.1838381	105.222637	2.845489	105.221557	
2010	221	2100	221.875000000		08/09/2010 21:00	277.71	3.9673	0.299	15.88	0.329	12.98	39.7237	105.1922064	105.231006	2.853895	105.229963	
2010	221	2200	221.916666667		08/09/2010 22:00	278.45	3.9778	0.299	15.89	0.329	12.94	39.6993	105.1996673	105.238467	2.861389	105.237457	
2010	221	2300	221.958333333		08/09/2010 23:00	279	3.9855	0.3	15.89	0.33	12.9	39.6811	105.2052126	105.244012	2.866960	105.243027	
2010	221	2400	222.000000000		08/10/2010 0:00	279.4	3.9911	0.302	15.89	0.332	12.86	39.6678	105.2092456	105.248045	2.871011	105.247078	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	100	222.041666667		08/10/2010 1:00	279.69	3.9952	0.301	15.91	0.331	12.83	39.6582	105.2121694	105.250969	2.873948	105.250015	
2010	222	200	222.083333333		08/10/2010 2:00	280.08	4.0007	0.301	15.9	0.331	12.79	39.6453	105.2161015	105.254901	2.877898	105.253965	
2010	222	300	222.125000000		08/10/2010 3:00	280.42	4.0055	0.301	15.91	0.331	12.76	39.6341	105.2195295	105.258329	2.881341	105.257409	
2010	222	400	222.166666667		08/10/2010 4:00	280.51	4.0068	0.301	15.89	0.331	12.73	39.6311	105.2204369	105.259236	2.882252	105.258320	
2010	222	500	222.208333333		08/10/2010 5:00	280.41	4.0054	0.301	15.9	0.332	12.7	39.6344	105.2194287	105.258228	2.881240	105.257307	
2010	222	600	222.250000000		08/10/2010 6:00	279.74	3.9959	0.301	15.9	0.331	12.86	39.6566	105.2126735	105.251473	2.874454	105.250522	
2010	222	700	222.291666667		08/10/2010 7:00	279.23	3.9887	0.301	15.89	0.331	13.35	39.6735	105.2075316	105.246331	2.869289	105.245357	
2010	222	800	222.333333333		08/10/2010 8:00	278.35	3.9764	0.301	15.89	0.331	13.31	39.7026	105.1986591	105.237458	2.860377	105.236444	
2010	222	900	222.375000000		08/10/2010 9:00	276.87	3.9555	0.301	15.9	0.331	13.28	39.7515	105.1837373	105.222536	2.845388	105.221455	
2010	222	1000	222.416666667		08/10/2010 10:00	275.98	3.9430	0.301	15.9	0.331	13.25	39.7810	105.174764	105.213563	2.836374	105.212442	
2010	222	1100	222.458333333		08/10/2010 11:00	274.7	3.9250	0.301	15.9	0.331	13.24	39.8233	105.1618586	105.200658	2.823411	105.199478	
2010	222	1200	222.500000000		08/10/2010 12:00	273.94	3.9143	0.3	15.9	0.33	13.22	39.8484	105.154196	105.192995	2.815714	105.191781	
2010	222	1300	222.541666667		08/10/2010 13:00	273.49	3.9079	0.3	15.9	0.33	13.2	39.8633	105.149659	105.188458	2.811156	105.187224	
2010	222	1400	222.583333333		08/10/2010 14:00	273.02	3.9013	0.3	15.9	0.33	13.2	39.8789	105.1449203	105.183720	2.806396	105.182464	
2010	222	1500	222.625000000		08/10/2010 15:00	272.38	3.8923	0.3	15.91	0.33	13.22	39.9000	105.1384676	105.177267	2.799915	105.175982	
2010	222	1600	222.666666667		08/10/2010 16:00	272.16	3.8892	0.3	15.91	0.33	13.2	39.9073	105.1362495	105.175049	2.797686	105.173754	
2010	222	1700	222.708333333		08/10/2010 17:00	272.8	3.8982	0.3	15.92	0.33	13.17	39.8861	105.1427022	105.181501	2.804168	105.180236	
2010	222	1800	222.750000000		08/10/2010 18:00	273.84	3.9129	0.3	15.91	0.33	13.21	39.8517	105.1531878	105.191987	2.814701	105.190769	
2010	222	1900	222.791666667		08/10/2010 19:00	275.29	3.9333	0.301	15.92	0.331	13.17	39.8038	105.1678072	105.206606	2.829386	105.205454	
2010	222	2000	222.833333333		08/10/2010 20:00	276.67	3.9527	0.3	15.91	0.33	13.08	39.7581	105.1817208	105.220520	2.843362	105.219430	
2010	222	2100	222.875000000		08/10/2010 21:00	277.8	3.9686	0.3	15.91	0.331	13.02	39.7208	105.1931138	105.231913	2.854806	105.230874	
2010	222	2200	222.916666667		08/10/2010 22:00	278.86	3.9835	0.301	15.9	0.331	12.98	39.6857	105.2038011	105.242600	2.865542	105.241609	
2010	222	2300	222.958333333		08/10/2010 23:00	279.79	3.9966	0.304	15.91	0.334	12.94	39.6549	105.2131777	105.251977	2.874960	105.251028	
2010	222	2400	223.000000000		08/11/2010 0:00	280.63	4.0085	0.304	15.91	0.334	12.9	39.6271	105.2216468	105.260446	2.883468	105.259535	
2010	223	100	223.041666667		08/11/2010 1:00	281.28	4.0176	0.304	15.93	0.335	12.87	39.6056	105.2282003	105.267000	2.890051	105.266118	
2010	223	200	223.083333333		08/11/2010 2:00	281.71	4.0237	0.305	15.92	0.335	12.83	39.5914	105.2325357	105.271335	2.894406	105.270473	
2010	223	300	223.125000000		08/11/2010 3:00	282.14	4.0297	0.305	15.93	0.335	12.8	39.5772	105.2368711	105.275670	2.898760	105.274828	
2010	223	400	223.166666667		08/11/2010 4:00	282.6	4.0362	0.305	15.92	0.336	12.77	39.5620	105.241509	105.280308	2.903419	105.279487	
2010	223	500	223.208333333		08/11/2010 5:00	282.96	4.0413	0.306	15.92	0.336	12.75	39.5501	105.2451386	105.283938	2.907065	105.283133	
2010	223	600	223.250000000		08/11/2010 6:00	283.24	4.0452	0.306	15.92	0.336	12.77	39.5408	105.2479617	105.286761	2.909901	105.285969	
2010	223	700	223.291666667		08/11/2010 7:00	283.55	4.0496	0.306	15.92	0.337	13.37	39.5306	105.2510872	105.289886	2.913040	105.289108	
2010	223	800	223.333333333		08/11/2010 8:00	283.55	4.0496	0.306	15.92	0.337	13.37	39.5306	105.2510872	105.289886	2.913040	105.289108	
2010	223	900	223.375000000		08/11/2010 9:00	283.9	4.0545	0.306	15.91	0.337	13.33	39.5190	105.254616	105.293415	2.916585	105.292653	
2010	223	1000	223.416666667		08/11/2010 10:00	284.06	4.0567	0.306	15.91	0.336	13.33	39.5137	105.2562292	105.295028	2.918206	105.294273	
2010	223	1100	223.458333333		08/11/2010 11:00	283.36	4.0469	0.305	15.92	0.336	13.3	39.5368	105.2491716	105.287971	2.911116	105.287184	
2010	223	1200	223.500000000		08/11/2010 12:00	282.75	4.0383	0.305	15.93	0.336	13.25	39.5570	105.2430214	105.281821	2.904938	105.281006	
2010	223	1300	223.541666667		08/11/2010 13:00	283.77	4.0527	0.306	15.93	0.336	13.2	39.5233	105.2533053	105.292105	2.915269	105.291336	
2010	223	1400	223.583333333		08/11/2010 14:00	283.96	4.0553	0.306	15.93	0.336	13.19	39.5170	105.255221	105.294020	2.917193	105.293261	
2010	223	1500	223.625000000		08/11/2010 15:00	284.15	4.0580	0.306	15.92	0.336	13.16	39.5107	105.2571366	105.295936	2.919117	105.295185	
2010	223	1600	223.666666667		08/11/2010 16:00	284.97	4.0696	0.306	15.93	0.337	13.16	39.4836	105.2654041	105.304203	2.927422	105.303489	
2010	223	1700	223.708333333		08/11/2010 17:00	285.81	4.0814	0.309	15.92	0.34	13.16	39.4558	105.2738733	105.312672	2.935929	105.311997	
2010	223	1800	223.750000000		08/11/2010 18:00	286.76	4.0948	0.311	15.92	0.342	13.18	39.4244	105.2834515	105.322251	2.945550	105.321618	
2010	223	1900	223.791666667		08/11/2010 19:00	287.6	4.1066	0.311	15.93	0.342	13.09	39.3966	105.2919206	105.330720	2.954057	105.330125	
2010	223	2000	223.833333333		08/11/2010 20:00	288.12	4.1139	0.312	15.95	0.343	13.02	39.3794	105.2971635	105.335963	2.959324	105.335392	
2010	223	2100	223.875000000		08/11/2010 21:00	288.34	4.1170	0.311	15.92	0.343	12.97	39.3721	105.2993816	105.338181	2.961552	105.337620	
2010	223	2200	223.916666667		08/11/2010 22:00	288.39	4.1177	0.311	15.94	0.342	12.92	39.3705	105.2998857	105.338685	2.962058	105.338126	
2010	223	2300	223.958333333		08/11/2010 23:00	288.29	4.1163	0.311	15.94	0.342	12.89	39.3738	105.2988775	105.337677	2.961046	105.337113	
2010	223	2400	224.000000000		08/12/2010 0:00	287.84	4.1100	0.31	15.94	0.341	12.86	39.3886	105.2943404	105.333140	2.956488	105.332556	
2010	224	100	224.041666667		08/12/2010 1:00	287.16	4.1004	0.31	15.94	0.341	12.83	39.4111	105.2874844	105.326284	2.949601	105.325669	
2010	224	200	224.083333333		08/12/2010 2:00	286.46	4.0905	0.31	15.94	0.341	12.79	39.4343	105.2804268	105.319226	2.942512	105.318580	
2010	224	300	224.125000000		08/12/2010 3:00	285.99	4.0839	0.31	15.95	0.341	12.76	39.4498	105.2756881	105.314487	2.937752	105.313820	
2010	224	400	224.166666667		08/12/2010 4:00	285.48	4.0767	0.31	15.93	0.341	12.73	39.4667	105.2705461	105.309345	2.932587	105.308655	
2010	224	500	224.208333333		08/12/2010 5:00	285.08	4.0711	0.31	15.94	0.34	12.71	39.4799	105.2665132	105.305312	2.928536	105.304603	
2010	224	600	224.250000000		08/12/2010 6:00	284.54	4.0635	0.309	15.94	0.34	12.86	39.4978	105.2610687	105.299868	2.923067	105.299135	
2010	224	700	224.291666667		08/12/2010 7:00	284.11	4.0574	0.31	15.95	0.34	13.32	39.5120	105.2567333	105.295533	2.918712	105.294780	
2010	224	800	224.333333333		08/12/2010 8:00	283.2	4.0446	0.31	15.94	0.34	13.28	39.5421	105.2475584	105.286358	2.909496	105.285563	
2010	224	900	224.375000000		08/12/2010 9:00	282.41	4.0335	0.31	15.96	0.341	13.25	39.5683	105.2395934	105.278393	2.901495	105.277563	
2010	224	1000	224.416666667		08/12/2010 10:00	281.81	4.0251	0.31	15.95	0.34	13.22	39.5881	105.233544	105.272343	2.895418	105.271486	
2010	224	1100	224.458333333		08/12/2010 11:00	280.95	4.0130	0.309	15.94	0.34	13.2	39.6166	105.2248732	105.263672	2.886709	105.262776	
2010	224	1200	224.500000000		08/12/2010 12:00	280.09	4.0008	0.309	15.93	0.34	13.18	39.6450	105.2162024	105.255002	2.877999	105.254066	
2010	224	1300	224.541666667		08/12/2010 13:00	279.52	3.9928	0.309	15.94	0.339	13.15	39.6639	105.2104554	105.249255	2.872226	105.248294	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1400	224.583333333		08/12/2010 14:00	278.51	3.9786	0.306	15.94	0.337	13.13	39.6973	105.2002723	105.239071	2.861997	105.238065	
2010	224	1500	224.625000000		08/12/2010 15:00	278.1	3.9728	0.306	15.93	0.336	13.11	39.7108	105.1961385	105.234938	2.857845	105.233912	
2010	224	1600	224.666666667		08/12/2010 16:00	277.72	3.9675	0.305	15.92	0.336	13.11	39.7234	105.1923072	105.231106	2.853996	105.230064	
2010	224	1700	224.708333333		08/12/2010 17:00	277.17	3.9597	0.305	15.93	0.336	13.11	39.7416	105.186762	105.225561	2.848426	105.224494	
2010	224	1800	224.750000000		08/12/2010 18:00	277.18	3.9599	0.305	15.94	0.336	13.12	39.7413	105.1868628	105.225662	2.848527	105.224595	
2010	224	1900	224.791666667		08/12/2010 19:00	277.38	3.9627	0.305	15.92	0.336	13.01	39.7346	105.1888793	105.227678	2.850553	105.226621	
2010	224	2000	224.833333333		08/12/2010 20:00	277.71	3.9673	0.305	15.94	0.336	12.94	39.7237	105.1922064	105.231006	2.853895	105.229963	
2010	224	2100	224.875000000		08/12/2010 21:00	278.42	3.9773	0.305	15.94	0.336	12.88	39.7002	105.1993649	105.238164	2.861086	105.237153	
2010	224	2200	224.916666667		08/12/2010 22:00	278.95	3.9848	0.305	15.95	0.336	12.85	39.6827	105.2047085	105.243508	2.866453	105.242521	
2010	224	2300	224.958333333		08/12/2010 23:00	279.41	3.9913	0.305	15.96	0.335	12.81	39.6675	105.2093464	105.248146	2.871112	105.247180	
2010	224	2400	225.000000000		08/13/2010 0:00	279.68	3.9951	0.306	15.97	0.336	12.79	39.6586	105.2120686	105.250868	2.873846	105.249914	
2010	225	100	225.041666667		08/13/2010 1:00	279.49	3.9924	0.307	15.97	0.338	12.75	39.6649	105.210153	105.248952	2.871922	105.247990	
2010	225	200	225.083333333		08/13/2010 2:00	279.7	3.9954	0.308	15.96	0.339	12.71	39.6579	105.2122703	105.251069	2.874049	105.250117	
2010	225	300	225.125000000		08/13/2010 3:00	280.33	4.0042	0.309	15.95	0.339	12.68	39.6371	105.2186221	105.257421	2.880429	105.256497	
2010	225	400	225.166666667		08/13/2010 4:00	281.02	4.0139	0.309	15.97	0.339	12.66	39.6142	105.2255789	105.264378	2.887418	105.263485	
2010	225	500	225.208333333		08/13/2010 5:00	281.29	4.0177	0.309	15.97	0.34	12.63	39.6053	105.2283012	105.267100	2.890152	105.266220	
2010	225	600	225.250000000		08/13/2010 6:00	281	4.0137	0.309	15.97	0.34	12.79	39.6149	105.2253773	105.264176	2.887215	105.263283	
2010	225	700	225.291666667		08/13/2010 7:00	280.55	4.0073	0.309	15.97	0.34	13.32	39.6298	105.2208402	105.259639	2.882658	105.258725	
2010	225	800	225.333333333		08/13/2010 8:00	279.55	3.9932	0.309	15.98	0.34	13.29	39.6629	105.2107579	105.249557	2.872530	105.248598	
2010	225	900	225.375000000		08/13/2010 9:00	278.56	3.9793	0.309	15.97	0.339	13.26	39.6956	105.2007764	105.239576	2.862503	105.238571	
2010	225	1000	225.416666667		08/13/2010 10:00	277.21	3.9603	0.309	15.97	0.339	13.22	39.7403	105.1871653	105.225964	2.848831	105.224899	
2010	225	1100	225.458333333		08/13/2010 11:00	276.15	3.9454	0.309	15.97	0.339	13.21	39.7753	105.176478	105.215277	2.838096	105.214164	
2010	225	1200	225.500000000		08/13/2010 12:00	275.48	3.9359	0.309	15.98	0.339	13.18	39.7975	105.1697228	105.208522	2.831310	105.207378	
2010	225	1300	225.541666667		08/13/2010 13:00	274.46	3.9216	0.308	15.95	0.339	13.17	39.8312	105.1594389	105.198238	2.820980	105.197048	
2010	225	1400	225.583333333		08/13/2010 14:00	273.68	3.9106	0.307	15.96	0.338	13.15	39.8570	105.1515746	105.190374	2.813081	105.189148	
2010	225	1500	225.625000000		08/13/2010 15:00	273.39	3.9065	0.307	15.97	0.337	13.13	39.8666	105.1486508	105.187450	2.810144	105.186211	
2010	225	1600	225.666666667		08/13/2010 16:00	273.39	3.9065	0.306	15.97	0.337	13.13	39.8666	105.1486508	105.187450	2.810144	105.186211	
2010	225	1700	225.708333333		08/13/2010 17:00	273.72	3.9112	0.306	15.98	0.337	13.14	39.8557	105.1519779	105.190777	2.813486	105.189553	
2010	225	1800	225.750000000		08/13/2010 18:00	274.73	3.9254	0.306	15.97	0.337	13.15	39.8223	105.1621611	105.200960	2.823715	105.199782	
2010	225	1900	225.791666667		08/13/2010 19:00	276.24	3.9466	0.306	15.97	0.337	13.05	39.7724	105.1773854	105.216185	2.839007	105.215075	
2010	225	2000	225.833333333		08/13/2010 20:00	277.82	3.9689	0.306	15.98	0.337	12.98	39.7201	105.1933155	105.232115	2.855009	105.231077	
2010	225	2100	225.875000000		08/13/2010 21:00	279.25	3.9890	0.306	15.98	0.336	12.92	39.6728	105.2077332	105.246532	2.869492	105.245559	
2010	225	2200	225.916666667		08/13/2010 22:00	280.67	4.0090	0.308	15.98	0.339	12.88	39.6258	105.2220501	105.260849	2.883873	105.259941	
2010	225	2300	225.958333333		08/13/2010 23:00	281.76	4.0244	0.312	15.99	0.343	12.85	39.5898	105.2330399	105.271839	2.894912	105.270980	
2010	225	2400	226.000000000		08/14/2010 0:00	282.42	4.0337	0.312	15.99	0.343	12.81	39.5679	105.2396942	105.278493	2.901596	105.277664	
2010	226	100	226.041666667		08/14/2010 1:00	282.91	4.0406	0.313	15.99	0.344	12.78	39.5517	105.2446345	105.283434	2.906559	105.282626	
2010	226	200	226.083333333		08/14/2010 2:00	283.33	4.0465	0.313	16	0.344	12.75	39.5378	105.2488691	105.287668	2.910812	105.286880	
2010	226	300	226.125000000		08/14/2010 3:00	283.79	4.0529	0.313	15.98	0.345	12.72	39.5226	105.253507	105.292306	2.915471	105.291539	
2010	226	400	226.166666667		08/14/2010 4:00	284.2	4.0587	0.314	15.99	0.345	12.69	39.5091	105.2576407	105.296440	2.919623	105.295691	
2010	226	500	226.208333333		08/14/2010 5:00	284.43	4.0620	0.315	15.98	0.346	12.66	39.5014	105.2599597	105.298759	2.921953	105.298021	
2010	226	600	226.250000000		08/14/2010 6:00	284.25	4.0594	0.315	15.99	0.346	12.78	39.5074	105.2581448	105.296944	2.920130	105.296198	
2010	226	700	226.291666667		08/14/2010 7:00	284.44	4.0621	0.315	16.01	0.346	13.31	39.5011	105.2600605	105.298860	2.922054	105.298122	
2010	226	800	226.333333333		08/14/2010 8:00	283.68	4.0514	0.315	16	0.346	13.28	39.5263	105.2523979	105.291197	2.914357	105.290425	
2010	226	900	226.375000000		08/14/2010 9:00	282.78	4.0387	0.315	16.01	0.346	13.24	39.5560	105.2433238	105.282123	2.905242	105.281310	
2010	226	1000	226.416666667		08/14/2010 10:00	281.58	4.0218	0.315	15.99	0.346	13.2	39.5957	105.231225	105.270024	2.893089	105.269157	
2010	226	1100	226.458333333		08/14/2010 11:00	279.91	3.9983	0.314	15.97	0.345	13.17	39.6510	105.2143875	105.253187	2.876176	105.252244	
2010	226	1200	226.500000000		08/14/2010 12:00	279.41	3.9913	0.313	15.99	0.344	13.15	39.6675	105.2093464	105.248146	2.871112	105.247180	
2010	226	1300	226.541666667		08/14/2010 13:00	278.06	3.9723	0.313	15.98	0.344	13.14	39.7122	105.1957352	105.234534	2.857440	105.233507	
2010	226	1400	226.583333333		08/14/2010 14:00	276.92	3.9562	0.312	15.99	0.343	13.12	39.7499	105.1842414	105.223041	2.845894	105.221962	
2010	226	1500	226.625000000		08/14/2010 15:00	276.2	3.9461	0.312	15.99	0.343	13.11	39.7737	105.1769821	105.215781	2.838602	105.214670	
2010	226	1600	226.666666667		08/14/2010 16:00	275.68	3.9388	0.311	15.99	0.342	13.1	39.7909	105.1717393	105.210539	2.833336	105.209404	
2010	226	1700	226.708333333		08/14/2010 17:00	275.5	3.9362	0.311	16	0.342	13.11	39.7968	105.1699245	105.208724	2.831513	105.207581	
2010	226	1800	226.750000000		08/14/2010 18:00	275.65	3.9383	0.311	15.99	0.342	13.13	39.7919	105.1714368	105.210236	2.833032	105.209100	
2010	226	1900	226.791666667		08/14/2010 19:00	276.3	3.9475	0.311	16	0.342	13.05	39.7704	105.1779903	105.216790	2.839615	105.215683	
2010	226	2000	226.833333333		08/14/2010 20:00	277.64	3.9664	0.311	16	0.342	12.97	39.7260	105.1915007	105.230300	2.853186	105.229254	
2010	226	2100	226.875000000		08/14/2010 21:00	279.16	3.9878	0.311	16	0.342	12.91	39.6758	105.2068258	105.245625	2.868580	105.244648	
2010	226	2200	226.916666667		08/14/2010 22:00	280.79	4.0107	0.311	15.99	0.342	12.86	39.6219	105.22326	105.262059	2.885088	105.261156	
2010	226	2300	226.958333333		08/14/2010 23:00	281.95	4.0270	0.311	16.01	0.342	12.83	39.5835	105.2349555	105.273755	2.896836	105.272904	
2010	226	2400	227.000000000		08/15/2010 0:00	282.82	4.0393	0.311	16.01	0.342	12.79	39.5547	105.2437271	105.282526	2.905647	105.281715	
2010	227	100	227.041666667		08/15/2010 1:00	283.18	4.0444	0.311	16.01	0.342	12.76	39.5428	105.2473568	105.286156	2.909293	105.285361	
2010	227	200	227.083333333		08/15/2010 2:00	283.32	4.0463	0.313	16	0.344	12.72	39.5382	105.2487683	105.287567	2.910711	105.286779	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	300	227.125000000		08/15/2010 3:00	283.26	4.0455	0.314	16.02	0.346	12.69	39.5401	105.2481633	105.286963	2.910103	105.286171	
2010	227	400	227.166666667		08/15/2010 4:00	283.01	4.0420	0.315	16.01	0.346	12.67	39.5484	105.2456428	105.284442	2.907572	105.283639	
2010	227	500	227.208333333		08/15/2010 5:00	282.5	4.0348	0.315	16.01	0.346	12.64	39.5653	105.2405008	105.279300	2.902406	105.278474	
2010	227	600	227.250000000		08/15/2010 6:00	281.43	4.0197	0.315	16.02	0.346	12.77	39.6007	105.2297127	105.268512	2.891570	105.267638	
2010	227	700	227.291666667		08/15/2010 7:00	280.71	4.0096	0.315	16.01	0.346	13.29	39.6245	105.2224534	105.261253	2.884278	105.260346	
2010	227	800	227.333333333		08/15/2010 8:00	279.53	3.9930	0.315	16	0.346	13.27	39.6635	105.2105563	105.249355	2.872327	105.248395	
2010	227	900	227.375000000		08/15/2010 9:00	278.48	3.9782	0.315	16.02	0.346	13.24	39.6983	105.1999698	105.238769	2.861693	105.237761	
2010	227	1000	227.416666667		08/15/2010 10:00	277.25	3.9609	0.315	16.01	0.346	13.2	39.7389	105.1875686	105.226368	2.849236	105.225304	
2010	227	1100	227.458333333		08/15/2010 11:00	276.25	3.9468	0.314	16.01	0.345	13.18	39.7720	105.1774862	105.216285	2.839109	105.215176	
2010	227	1200	227.500000000		08/15/2010 12:00	275.45	3.9355	0.314	16	0.345	13.16	39.7985	105.1694204	105.208220	2.831006	105.207074	
2010	227	1300	227.541666667		08/15/2010 13:00	274.48	3.9219	0.314	16.01	0.345	13.13	39.8306	105.1596405	105.198440	2.821183	105.197250	
2010	227	1400	227.583333333		08/15/2010 14:00	273.35	3.9060	0.313	16.01	0.344	13.11	39.8680	105.1482475	105.187047	2.809738	105.185806	
2010	227	1500	227.625000000		08/15/2010 15:00	272.2	3.8898	0.313	16.01	0.343	13.09	39.9060	105.1366528	105.175452	2.798092	105.174159	
2010	227	1600	227.666666667		08/15/2010 16:00	271.53	3.8803	0.309	16.01	0.34	13.09	39.9282	105.1298976	105.168697	2.791306	105.167374	
2010	227	1700	227.708333333		08/15/2010 17:00	271.05	3.8736	0.307	15.99	0.338	13.09	39.9440	105.1250581	105.163857	2.786445	105.162512	
2010	227	1800	227.750000000		08/15/2010 18:00	270.31	3.8632	0.306	15.99	0.337	13.09	39.9685	105.1175972	105.156396	2.778950	105.155018	
2010	227	1900	227.791666667		08/15/2010 19:00	270.23	3.8620	0.306	16	0.336	12.98	39.9712	105.1167906	105.155590	2.778140	105.154208	
2010	227	2000	227.833333333		08/15/2010 20:00	269.9	3.8574	0.305	16.01	0.336	12.9	39.9821	105.1134634	105.152263	2.774798	105.150866	
2010	227	2100	227.875000000		08/15/2010 21:00	270	3.8588	0.305	16.01	0.335	12.85	39.9788	105.1144717	105.153271	2.775811	105.151878	
2010	227	2200	227.916666667		08/15/2010 22:00	270.4	3.8644	0.306	16.02	0.336	12.81	39.9655	105.1185046	105.157304	2.779862	105.155930	
2010	227	2300	227.958333333		08/15/2010 23:00	271.63	3.8817	0.306	16.02	0.336	12.78	39.9248	105.1309059	105.169705	2.792319	105.168387	
2010	227	2400	228.000000000		08/16/2010 0:00	272.89	3.8995	0.306	16.03	0.336	12.75	39.8832	105.1436096	105.182409	2.805080	105.181147	
2010	228	100	228.041666667		08/16/2010 1:00	274.1	3.9165	0.305	16.02	0.335	12.72	39.8431	105.1558092	105.194608	2.817334	105.193402	
2010	228	200	228.083333333		08/16/2010 2:00	274.88	3.9275	0.304	16.01	0.334	12.69	39.8173	105.1636734	105.202473	2.825234	105.201301	
2010	228	300	228.125000000		08/16/2010 3:00	275.32	3.9337	0.303	16.02	0.333	12.66	39.8028	105.1681097	105.206909	2.829690	105.205758	
2010	228	400	228.166666667		08/16/2010 4:00	275.54	3.9368	0.306	16.03	0.336	12.64	39.7955	105.1703278	105.209127	2.831918	105.207986	
2010	228	500	228.208333333		08/16/2010 5:00	275.23	3.9324	0.308	16.03	0.339	12.61	39.8058	105.1672022	105.206001	2.828778	105.204846	
2010	228	600	228.250000000		08/16/2010 6:00	274.34	3.9199	0.309	16.03	0.339	12.75	39.8352	105.158229	105.197028	2.819765	105.195832	
2010	228	700	228.291666667		08/16/2010 7:00	273.96	3.9145	0.308	16.02	0.339	13.3	39.8478	105.1543977	105.193197	2.815916	105.191984	
2010	228	800	228.333333333		08/16/2010 8:00	272.78	3.8979	0.307	16.02	0.337	13.28	39.8868	105.1425005	105.181300	2.803966	105.180033	
2010	228	900	228.375000000		08/16/2010 9:00	271.7	3.8827	0.307	16.03	0.337	13.22	39.9225	105.1316116	105.170411	2.793028	105.169095	
2010	228	1000	228.416666667		08/16/2010 10:00	270.69	3.8685	0.306	16.01	0.337	13.19	39.9559	105.1214285	105.160228	2.782799	105.158867	
2010	228	1100	228.458333333		08/16/2010 11:00	269.77	3.8556	0.306	16.02	0.336	13.17	39.9864	105.1121527	105.150952	2.773481	105.149549	
2010	228	1200	228.500000000		08/16/2010 12:00	268.71	3.8406	0.306	16.02	0.336	13.15	40.0214	105.1014655	105.140265	2.762746	105.138814	
2010	228	1300	228.541666667		08/16/2010 13:00	268.22	3.8337	0.306	16.02	0.336	13.12	40.0376	105.0965251	105.135324	2.757784	105.133851	
2010	228	1400	228.583333333		08/16/2010 14:00	267.33	3.8212	0.306	16	0.336	13.09	40.0671	105.0875519	105.126351	2.748770	105.124838	
2010	228	1500	228.625000000		08/16/2010 15:00	266.81	3.8139	0.306	15.99	0.336	13.08	40.0843	105.082309	105.121108	2.743504	105.119571	
2010	228	1600	228.666666667		08/16/2010 16:00	266.93	3.8156	0.306	16	0.337	13.07	40.0803	105.0835189	105.122318	2.744719	105.120787	
2010	228	1700	228.708333333		08/16/2010 17:00	268.16	3.8329	0.306	15.99	0.337	13.07	40.0396	105.0959202	105.134719	2.757176	105.133244	
2010	228	1800	228.750000000		08/16/2010 18:00	269.24	3.8481	0.305	15.99	0.336	13.09	40.0039	105.1068091	105.145608	2.768114	105.144181	
2010	228	1900	228.791666667		08/16/2010 19:00	270.91	3.8716	0.304	16.05	0.333	12.98	39.9487	105.1236466	105.162446	2.785027	105.161095	
2010	228	2000	228.833333333		08/16/2010 20:00	272.11	3.8885	0.303	16.05	0.332	12.9	39.9090	105.1357454	105.174545	2.797180	105.173248	
2010	228	2100	228.875000000		08/16/2010 21:00	273.17	3.9034	0.303	16.03	0.333	12.85	39.8739	105.1464327	105.185232	2.807915	105.183983	
2010	228	2200	228.916666667		08/16/2010 22:00	274.18	3.9176	0.303	16.01	0.333	12.81	39.8405	105.1566158	105.195415	2.818144	105.194212	
2010	228	2300	228.958333333		08/16/2010 23:00	275.14	3.9312	0.307	16.04	0.337	12.77	39.8087	105.1662948	105.205094	2.827867	105.203935	
2010	228	2400	229.000000000		08/17/2010 0:00	276.11	3.9448	0.31	16.04	0.341	12.75	39.7767	105.1760747	105.214874	2.837691	105.213758	
2010	229	100	229.041666667		08/17/2010 1:00	276.74	3.9537	0.311	16.04	0.342	12.71	39.7558	105.1824266	105.221226	2.844071	105.220139	
2010	229	200	229.083333333		08/17/2010 2:00	277.41	3.9631	0.314	16.05	0.345	12.69	39.7337	105.1891817	105.227981	2.850857	105.226924	
2010	229	300	229.125000000		08/17/2010 3:00	277.87	3.9696	0.316	16.06	0.347	12.66	39.7184	105.1938196	105.232619	2.855515	105.231583	
2010	229	400	229.166666667		08/17/2010 4:00	278.08	3.9726	0.316	16.07	0.347	12.64	39.7115	105.1959369	105.234736	2.857642	105.233710	
2010	229	500	229.208333333		08/17/2010 5:00	278.05	3.9721	0.317	16.07	0.348	12.62	39.7125	105.1956344	105.234434	2.857338	105.233406	
2010	229	600	229.250000000		08/17/2010 6:00	277.36	3.9624	0.318	16.05	0.349	12.75	39.7353	105.1886776	105.227477	2.850350	105.226418	
2010	229	700	229.291666667		08/17/2010 7:00	276.79	3.9544	0.318	16.07	0.349	13.32	39.7542	105.1829307	105.221730	2.844578	105.220645	
2010	229	800	229.333333333		08/17/2010 8:00	275.45	3.9355	0.318	16.07	0.349	13.28	39.7985	105.1694204	105.208220	2.831006	105.207074	
2010	229	900	229.375000000		08/17/2010 9:00	274.34	3.9199	0.318	16.06	0.349	13.22	39.8352	105.158229	105.197028	2.819765	105.195832	
2010	229	1000	229.416666667		08/17/2010 10:00	273.03	3.9015	0.318	16.06	0.349	13.18	39.8785	105.1450211	105.183820	2.806498	105.182565	
2010	229	1100	229.458333333		08/17/2010 11:00	271.97	3.8865	0.316	16.05	0.347	13.15	39.9136	105.1343339	105.173133	2.795762	105.171830	
2010	229	1200	229.500000000		08/17/2010 12:00	271.5	3.8799	0.313	16.05	0.344	13.13	39.9291	105.1295952	105.168394	2.791002	105.167070	
2010	229	1300	229.541666667		08/17/2010 13:00	271.12	3.8746	0.313	16.05	0.344	13.1	39.9417	105.1257639	105.164563	2.787154	105.163221	
2010	229	1400	229.583333333		08/17/2010 14:00	270.64	3.8678	0.312	16.03	0.343	13.08	39.9576	105.1209244	105.159724	2.782292	105.158360	
2010	229	1500	229.625000000		08/17/2010 15:00	270.95	3.8722	0.311	16.04	0.342	13.07	39.9473	105.1240499	105.162849	2.785432	105.161500	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1600	229.666666667		08/17/2010 16:00	272.44	3.8931	0.312	16.06	0.342	13.07	39.8981	105.1390726	105.177872	2.800522	105.176590	
2010	229	1700	229.708333333		08/17/2010 17:00	274	3.9151	0.314	16.05	0.344	13.07	39.8465	105.154801	105.193600	2.816321	105.192389	
2010	229	1800	229.750000000		08/17/2010 18:00	275.9	3.9419	0.316	16.07	0.347	13.12	39.7836	105.1739574	105.212757	2.835564	105.211632	
2010	229	1900	229.791666667		08/17/2010 19:00	277.32	3.9619	0.316	16.06	0.347	13.01	39.7366	105.1882743	105.227074	2.849945	105.226013	
2010	229	2000	229.833333333		08/17/2010 20:00	278.88	3.9838	0.317	16.06	0.348	12.94	39.6850	105.2040027	105.242802	2.865744	105.241812	
2010	229	2100	229.875000000		08/17/2010 21:00	280.15	4.0017	0.323	16.07	0.355	12.88	39.6430	105.2168073	105.255607	2.878606	105.254674	
2010	229	2200	229.916666667		08/17/2010 22:00	281.32	4.0182	0.328	16.06	0.36	12.83	39.6043	105.2286036	105.267403	2.890456	105.266524	
2010	229	2300	229.958333333		08/17/2010 23:00	282.28	4.0317	0.328	16.08	0.361	12.8	39.5726	105.2382827	105.277082	2.900178	105.276246	
2010	229	2400	230.000000000		08/18/2010 0:00	282.93	4.0408	0.328	16.08	0.361	12.77	39.5511	105.2448362	105.283635	2.906761	105.282829	
2010	230	100	230.041666667		08/18/2010 1:00	283.29	4.0459	0.328	16.06	0.361	12.73	39.5392	105.2484658	105.287265	2.910407	105.286475	
2010	230	200	230.083333333		08/18/2010 2:00	283.72	4.0520	0.329	16.08	0.361	12.71	39.5249	105.2528012	105.291600	2.914762	105.290830	
2010	230	300	230.125000000		08/18/2010 3:00	283.92	4.0548	0.329	16.07	0.361	12.68	39.5183	105.2548177	105.293617	2.916788	105.292855	
2010	230	400	230.166666667		08/18/2010 4:00	284	4.0559	0.329	16.07	0.361	12.66	39.5157	105.2556243	105.294423	2.917598	105.293666	
2010	230	500	230.208333333		08/18/2010 5:00	283.81	4.0532	0.329	16.06	0.361	12.65	39.5220	105.2537086	105.292508	2.915674	105.291741	
2010	230	600	230.250000000		08/18/2010 6:00	283.38	4.0472	0.328	16.06	0.361	12.66	39.5362	105.2493732	105.288172	2.911319	105.287386	
2010	230	700	230.291666667		08/18/2010 7:00	282.76	4.0384	0.328	16.08	0.36	13.25	39.5567	105.2431222	105.281921	2.905040	105.281107	
2010	230	800	230.333333333		08/18/2010 8:00	282.02	4.0280	0.328	16.07	0.36	13.26	39.5812	105.2356613	105.274460	2.897545	105.273613	
2010	230	900	230.375000000		08/18/2010 9:00	281.2	4.0165	0.328	16.06	0.36	13.24	39.6083	105.2273937	105.266193	2.889240	105.265308	
2010	230	1000	230.416666667		08/18/2010 10:00	280.59	4.0079	0.328	16.07	0.36	13.24	39.6285	105.2212435	105.260043	2.883063	105.259130	
2010	230	1100	230.458333333		08/18/2010 11:00	279.95	3.9989	0.328	16.06	0.36	13.25	39.6496	105.2147908	105.253590	2.876581	105.252649	
2010	230	1200	230.500000000		08/18/2010 12:00	279.5	3.9925	0.328	16.06	0.36	13.23	39.6645	105.2102538	105.249053	2.872023	105.248091	
2010	230	1300	230.541666667		08/18/2010 13:00	278.84	3.9833	0.328	16.07	0.36	13.2	39.6864	105.2035995	105.242399	2.865339	105.241407	
2010	230	1400	230.583333333		08/18/2010 14:00	279.35	3.9904	0.327	16.07	0.359	13.17	39.6695	105.2087414	105.247541	2.870504	105.246572	
2010	230	1500	230.625000000		08/18/2010 15:00	279.87	3.9978	0.327	16.07	0.36	13.14	39.6523	105.2139843	105.252783	2.875771	105.251838	
2010	230	1600	230.666666667		08/18/2010 16:00	281.23	4.0169	0.328	16.07	0.36	13.1	39.6073	105.2276962	105.266495	2.889544	105.265612	
2010	230	1700	230.708333333		08/18/2010 17:00	282.1	4.0291	0.328	16.07	0.36	13.09	39.5785	105.2364678	105.275267	2.898355	105.274423	
2010	230	1800	230.750000000		08/18/2010 18:00	283.53	4.0493	0.327	16.07	0.359	13.09	39.5312	105.2508856	105.289685	2.912838	105.288906	
2010	230	1900	230.791666667		08/18/2010 19:00	285.11	4.0715	0.33	16.06	0.362	12.99	39.4790	105.2668157	105.305615	2.928840	105.304907	
2010	230	2000	230.833333333		08/18/2010 20:00	286.2	4.0869	0.334	16.09	0.366	12.91	39.4429	105.2778054	105.316605	2.939879	105.315946	
2010	230	2100	230.875000000		08/18/2010 21:00	287.21	4.1011	0.335	16.08	0.368	12.86	39.4095	105.2879885	105.326788	2.950108	105.326175	
2010	230	2200	230.916666667		08/18/2010 22:00	288.33	4.1169	0.336	16.08	0.369	12.81	39.3724	105.2992807	105.338080	2.961451	105.337518	
2010	230	2300	230.958333333		08/18/2010 23:00	289.21	4.1292	0.336	16.07	0.369	12.78	39.3433	105.3081532	105.346952	2.970363	105.346431	
2010	230	2400	231.000000000		08/19/2010 0:00	289.86	4.1384	0.336	16.08	0.369	12.75	39.3218	105.3147067	105.353506	2.976946	105.353014	
2010	231	100	231.041666667		08/19/2010 1:00	290.35	4.1453	0.336	16.09	0.369	12.72	39.3056	105.3196471	105.358446	2.981909	105.357976	
2010	231	200	231.083333333		08/19/2010 2:00	290.75	4.1509	0.336	16.08	0.369	12.69	39.2924	105.32368	105.362479	2.985960	105.362027	
2010	231	300	231.125000000		08/19/2010 3:00	291.13	4.1563	0.336	16.09	0.368	12.67	39.2798	105.3275113	105.366310	2.989808	105.365876	
2010	231	400	231.166666667		08/19/2010 4:00	291.43	4.1605	0.335	16.09	0.368	12.64	39.2699	105.330536	105.369335	2.992846	105.368914	
2010	231	500	231.208333333		08/19/2010 5:00	291.42	4.1604	0.335	16.08	0.367	12.62	39.2702	105.3304351	105.369234	2.992745	105.368813	
2010	231	600	231.250000000		08/19/2010 6:00	291	4.1545	0.335	16.08	0.367	12.75	39.2841	105.3262006	105.365000	2.988491	105.364559	
2010	231	700	231.291666667		08/19/2010 7:00	290.94	4.1536	0.334	16.08	0.367	13.34	39.2861	105.3255956	105.364395	2.987884	105.363952	
2010	231	800	231.333333333		08/19/2010 8:00	290.39	4.1459	0.334	16.08	0.366	13.3	39.3043	105.3200503	105.358850	2.982314	105.358381	
2010	231	900	231.375000000		08/19/2010 9:00	289.03	4.1267	0.334	16.08	0.366	13.28	39.3493	105.3063384	105.345138	2.968540	105.344608	
2010	231	1000	231.416666667		08/19/2010 10:00	288.02	4.1125	0.334	16.08	0.366	13.23	39.3827	105.2961552	105.334954	2.958311	105.334379	
2010	231	1100	231.458333333		08/19/2010 11:00	287.07	4.0991	0.333	16.09	0.366	13.21	39.4141	105.286577	105.325376	2.948690	105.324758	
2010	231	1200	231.500000000		08/19/2010 12:00	285.69	4.0797	0.332	16.08	0.364	13.19	39.4598	105.2726634	105.311463	2.934714	105.310781	
2010	231	1300	231.541666667		08/19/2010 13:00	284.67	4.0653	0.331	16.08	0.364	13.16	39.4935	105.2623794	105.301179	2.924383	105.300451	
2010	231	1400	231.583333333		08/19/2010 14:00	283.22	4.0449	0.331	16.06	0.364	13.13	39.5415	105.2477601	105.286559	2.909698	105.285766	
2010	231	1500	231.625000000		08/19/2010 15:00	282.75	4.0383	0.331	16.05	0.364	13.11	39.5570	105.2430214	105.281821	2.904938	105.281006	
2010	231	1600	231.666666667		08/19/2010 16:00	282	4.0277	0.331	16.05	0.363	13.11	39.5818	105.2354596	105.274259	2.897343	105.273410	
2010	231	1700	231.708333333		08/19/2010 17:00	281.05	4.0144	0.331	16.06	0.363	13.11	39.6133	105.2258814	105.264681	2.887721	105.263789	
2010	231	1800	231.750000000		08/19/2010 18:00	280.77	4.0104	0.331	16.04	0.363	13.12	39.6225	105.2230583	105.261858	2.884886	105.260953	
2010	231	1900	231.791666667		08/19/2010 19:00	280.5	4.0066	0.331	16.09	0.363	13.01	39.6314	105.2203361	105.259135	2.882151	105.258219	
2010	231	2000	231.833333333		08/19/2010 20:00	280.31	4.0039	0.33	16.08	0.363	12.94	39.6377	105.2184205	105.257220	2.880227	105.256295	
2010	231	2100	231.875000000		08/19/2010 21:00	280.47	4.0062	0.33	16.08	0.363	12.89	39.6324	105.2200336	105.258833	2.881847	105.257915	
2010	231	2200	231.916666667		08/19/2010 22:00	280.51	4.0068	0.33	16.08	0.363	12.84	39.6311	105.2204369	105.259236	2.882252	105.258320	
2010	231	2300	231.958333333		08/19/2010 23:00	280.5	4.0066	0.33	16.07	0.362	12.81	39.6314	105.2203361	105.259135	2.882151	105.258219	
2010	231	2400	232.000000000		08/20/2010 0:00	280.44	4.0058	0.33	16.08	0.362	12.78	39.6334	105.2197312	105.258530	2.881543	105.257611	
2010	232	100	232.041666667		08/20/2010 1:00	280.12	4.0013	0.329	16.08	0.361	12.75	39.6440	105.2165048	105.255304	2.878303	105.254370	
2010	232	200	232.083333333		08/20/2010 2:00	279.77	3.9963	0.329	16.07	0.361	12.71	39.6556	105.212976	105.251775	2.874758	105.250826	
2010	232	300	232.125000000		08/20/2010 3:00	279.28	3.9894	0.329	16.08	0.361	12.69	39.6718	105.2080357	105.246835	2.869795	105.245863	
2010	232	400	232.166666667		08/20/2010 4:00	278.76	3.9821	0.329	16.07	0.361	12.66	39.6890	105.2027929	105.241592	2.864529	105.240597	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	232	500	232.208333333		08/20/2010 5:00	278.26	3.9751	0.329	16.07	0.361	12.64	39.7055	105.1977517	105.236551	2.859465	105.235533	
2010	232	600	232.250000000		08/20/2010 6:00	277.43	3.9634	0.329	16.08	0.361	12.82	39.7330	105.1893834	105.228183	2.851059	105.227127	
2010	232	700	232.291666667		08/20/2010 7:00	276.73	3.9535	0.329	16.09	0.361	13.4	39.7561	105.1823257	105.221125	2.843970	105.220038	
2010	232	800	232.333333333		08/20/2010 8:00	276.25	3.9468	0.329	16.08	0.361	13.33	39.7720	105.1774862	105.216285	2.839109	105.215176	
2010	232	900	232.375000000		08/20/2010 9:00	275.49	3.9361	0.329	16.08	0.361	13.3	39.7972	105.1698237	105.208623	2.831412	105.207479	
2010	232	1000	232.416666667		08/20/2010 10:00	274.95	3.9285	0.329	16.08	0.361	13.27	39.8150	105.1643792	105.203178	2.825943	105.202010	
2010	232	1100	232.458333333		08/20/2010 11:00	274.06	3.9160	0.329	16.08	0.361	13.25	39.8445	105.1554059	105.194205	2.816929	105.192997	
2010	232	1200	232.500000000		08/20/2010 12:00	273.48	3.9078	0.327	16.07	0.359	13.23	39.8637	105.1495582	105.188357	2.811055	105.187123	
2010	232	1300	232.541666667		08/20/2010 13:00	273.04	3.9016	0.326	16.07	0.358	13.2	39.8782	105.145122	105.183921	2.806599	105.182667	
2010	232	1400	232.583333333		08/20/2010 14:00	272.11	3.8885	0.326	16.07	0.358	13.18	39.9090	105.1357454	105.174545	2.797180	105.173248	
2010	232	1500	232.625000000		08/20/2010 15:00	271.22	3.8760	0.325	16.07	0.357	13.16	39.9384	105.1267721	105.165571	2.788166	105.164234	
2010	232	1600	232.666666667		08/20/2010 16:00	270.77	3.8696	0.325	16.07	0.357	13.15	39.9533	105.1222351	105.161034	2.783609	105.159677	
2010	232	1700	232.708333333		08/20/2010 17:00	271.14	3.8748	0.324	16.08	0.356	13.16	39.9411	105.1259655	105.164765	2.787356	105.163424	
2010	232	1800	232.750000000		08/20/2010 18:00	271.68	3.8824	0.324	16.08	0.356	13.18	39.9232	105.13141	105.170209	2.792825	105.168893	
2010	232	1900	232.791666667		08/20/2010 19:00	273.2	3.9038	0.324	16.08	0.356	13.07	39.8729	105.1467351	105.185534	2.808219	105.184287	
2010	232	2000	232.833333333		08/20/2010 20:00	274.61	3.9237	0.324	16.08	0.356	13	39.8263	105.1609512	105.199750	2.822499	105.198567	
2010	232	2100	232.875000000		08/20/2010 21:00	276.11	3.9448	0.324	16.08	0.356	12.95	39.7767	105.1760747	105.214874	2.837691	105.213758	
2010	232	2200	232.916666667		08/20/2010 22:00	277.38	3.9627	0.323	16.09	0.355	12.91	39.7346	105.1888793	105.227678	2.850553	105.226621	
2010	232	2300	232.958333333		08/20/2010 23:00	278.41	3.9772	0.323	16.08	0.355	12.87	39.7006	105.1992641	105.238063	2.860984	105.237052	
2010	232	2400	233.000000000		08/21/2010 0:00	279.35	3.9904	0.323	16.08	0.355	12.85	39.6695	105.2087414	105.247541	2.870504	105.246572	
2010	233	100	233.041666667		08/21/2010 1:00	279.95	3.9989	0.326	16.09	0.358	12.81	39.6496	105.2147908	105.253590	2.876581	105.252649	
2010	233	200	233.083333333		08/21/2010 2:00	280.24	4.0030	0.327	16.09	0.359	12.78	39.6400	105.2177147	105.256514	2.879518	105.255586	
2010	233	300	233.125000000		08/21/2010 3:00	280.47	4.0062	0.327	16.1	0.359	12.75	39.6324	105.2200336	105.258833	2.881847	105.257915	
2010	233	400	233.166666667		08/21/2010 4:00	280.94	4.0128	0.328	16.09	0.36	12.72	39.6169	105.2247723	105.263572	2.886607	105.262675	
2010	233	500	233.208333333		08/21/2010 5:00	281.19	4.0163	0.329	16.1	0.361	12.69	39.6086	105.2272929	105.266092	2.889139	105.265207	
2010	233	600	233.250000000		08/21/2010 6:00	281.19	4.0163	0.329	16.1	0.361	12.79	39.6086	105.2272929	105.266092	2.889139	105.265207	
2010	233	700	233.291666667		08/21/2010 7:00	280.73	4.0099	0.328	16.1	0.36	13.39	39.6238	105.2226551	105.261454	2.884480	105.260548	
2010	233	800	233.333333333		08/21/2010 8:00	280.37	4.0048	0.327	16.1	0.359	13.37	39.6357	105.2190254	105.257825	2.880835	105.256902	
2010	233	900	233.375000000		08/21/2010 9:00	279.47	3.9921	0.327	16.1	0.358	13.33	39.6655	105.2099513	105.248751	2.871720	105.247787	
2010	233	1000	233.416666667		08/21/2010 10:00	278.4	3.9771	0.326	16.08	0.358	13.28	39.7009	105.1991632	105.237962	2.860883	105.236951	
2010	233	1100	233.458333333		08/21/2010 11:00	277.29	3.9614	0.326	16.08	0.358	13.24	39.7376	105.1879718	105.226771	2.849641	105.225709	
2010	233	1200	233.500000000		08/21/2010 12:00	276.63	3.9521	0.326	16.09	0.357	13.22	39.7595	105.1813175	105.220117	2.842957	105.219025	
2010	233	1300	233.541666667		08/21/2010 13:00	275.41	3.9350	0.325	16.09	0.357	13.21	39.7998	105.1690171	105.207816	2.830601	105.206669	
2010	233	1400	233.583333333		08/21/2010 14:00	274.82	3.9267	0.325	16.08	0.357	13.18	39.8193	105.1630685	105.201868	2.824626	105.200694	
2010	233	1500	233.625000000		08/21/2010 15:00	273.6	3.9095	0.325	16.09	0.357	13.17	39.8597	105.1507681	105.189567	2.812270	105.188338	
2010	233	1600	233.666666667		08/21/2010 16:00	273.34	3.9058	0.324	16.09	0.356	13.18	39.8683	105.1481466	105.186946	2.809637	105.185705	
2010	233	1700	233.708333333		08/21/2010 17:00	272.71	3.8969	0.324	16.1	0.356	13.21	39.8891	105.1417948	105.180594	2.803257	105.179324	
2010	233	1800	233.750000000		08/21/2010 18:00	272.47	3.8936	0.324	16.08	0.356	13.08	39.8971	105.139375	105.178174	2.800826	105.176894	
2010	233	1900	233.791666667		08/21/2010 19:00	271.61	3.8815	0.324	16.09	0.356	13.02	39.9255	105.1307042	105.169503	2.792116	105.168184	
2010	233	2000	233.833333333		08/21/2010 20:00	271.36	3.8779	0.324	16.1	0.356	12.96	39.9338	105.1281836	105.166983	2.789584	105.165652	
2010	233	2100	233.875000000		08/21/2010 21:00	271.26	3.8765	0.324	16.09	0.356	12.92	39.9371	105.1271754	105.165975	2.788572	105.164639	
2010	233	2200	233.916666667		08/21/2010 22:00	271.56	3.8808	0.324	16.1	0.356	12.88	39.9272	105.1302001	105.168999	2.791610	105.167678	
2010	233	2300	233.958333333		08/21/2010 23:00	272.37	3.8922	0.324	16.1	0.356	12.84	39.9004	105.1383668	105.177166	2.799813	105.175881	
2010	233	2400	234.000000000		08/22/2010 0:00	273.44	3.9072	0.324	16.1	0.356	12.81	39.8650	105.1491549	105.187954	2.810650	105.186718	
2010	234	100	234.041666667		08/22/2010 1:00	274.73	3.9254	0.324	16.11	0.356	12.78	39.8223	105.1621611	105.200960	2.823715	105.199782	
2010	234	200	234.083333333		08/22/2010 2:00	275.71	3.9392	0.324	16.11	0.356	12.75	39.7899	105.1720418	105.210841	2.833640	105.209707	
2010	234	300	234.125000000		08/22/2010 3:00	276.39	3.9488	0.324	16.1	0.356	12.72	39.7674	105.1788978	105.217697	2.840526	105.216594	
2010	234	400	234.166666667		08/22/2010 4:00	276.78	3.9542	0.324	16.1	0.356	12.69	39.7545	105.1828299	105.221629	2.844476	105.220544	
2010	234	500	234.208333333		08/22/2010 5:00	276.48	3.9500	0.324	16.09	0.356	12.67	39.7644	105.1798052	105.218604	2.841438	105.217506	
2010	234	600	234.250000000		08/22/2010 6:00	275.92	3.9421	0.324	16.09	0.356	12.78	39.7829	105.1741591	105.212958	2.835766	105.211834	
2010	234	700	234.291666667		08/22/2010 7:00	275.44	3.9354	0.324	16.09	0.356	13.4	39.7988	105.1693195	105.208119	2.830905	105.206973	
2010	234	800	234.333333333		08/22/2010 8:00	274.82	3.9267	0.324	16.1	0.356	13.37	39.8193	105.1630685	105.201868	2.824626	105.200694	
2010	234	900	234.375000000		08/22/2010 9:00	273.31	3.9054	0.325	16.08	0.356	13.31	39.8693	105.1478442	105.186643	2.809333	105.185401	
2010	234	1000	234.416666667		08/22/2010 10:00	272.56	3.8948	0.324	16.1	0.356	13.28	39.8941	105.1402824	105.179082	2.801738	105.177805	
2010	234	1100	234.458333333		08/22/2010 11:00	271.76	3.8836	0.324	16.1	0.356	13.27	39.9205	105.1322166	105.171016	2.793635	105.169703	
2010	234	1200	234.500000000		08/22/2010 12:00	270.55	3.8665	0.325	16.09	0.356	13.24	39.9606	105.120017	105.158816	2.781381	105.157449	
2010	234	1300	234.541666667		08/22/2010 13:00	270.68	3.8684	0.324	16.11	0.356	13.22	39.9563	105.1213277	105.160127	2.782698	105.158765	
2010	234	1400	234.583333333		08/22/2010 14:00	269.69	3.8544	0.324	16.09	0.356	13.22	39.9890	105.1113462	105.150145	2.772671	105.148739	
2010	234	1500	234.625000000		08/22/2010 15:00	268.71	3.8406	0.324	16.1	0.356	13.24	40.0214	105.1014655	105.140265	2.762746	105.138814	
2010	234	1600	234.666666667		08/22/2010 16:00	268.1	3.8320	0.324	16.12	0.356	13.24	40.0416	105.0953153	105.134114	2.756568	105.132636	
2010	234	1700	234.708333333		08/22/2010 17:00	267.3	3.8208	0.324	16.1	0.356	13.26	40.0681	105.0872494	105.126049	2.748466	105.124534	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1800	234.750000000		08/22/2010 18:00	266.4	3.8081	0.324	16.1	0.356	13.26	40.0979	105.0781753	105.116974	2.739351	105.115419	
2010	234	1900	234.791666667		08/22/2010 19:00	265.4	3.7940	0.321	16.09	0.353	13.15	40.1309	105.068093	105.106892	2.729224	105.105291	
2010	234	2000	234.833333333		08/22/2010 20:00	264.52	3.7816	0.319	16.09	0.35	13.09	40.1600	105.0592205	105.098020	2.720311	105.096379	
2010	234	2100	234.875000000		08/22/2010 21:00	263.72	3.7704	0.317	16.11	0.348	13.04	40.1865	105.0511547	105.089954	2.712209	105.088277	
2010	234	2200	234.916666667		08/22/2010 22:00	262.83	3.7578	0.315	16.09	0.346	12.99	40.2159	105.0421814	105.080981	2.703195	105.079263	
2010	234	2300	234.958333333		08/22/2010 23:00	262.01	3.7463	0.315	16.11	0.346	12.95	40.2431	105.0339139	105.072713	2.694891	105.070959	
2010	234	2400	235.000000000		08/23/2010 0:00	261.16	3.7343	0.314	16.09	0.345	12.91	40.2712	105.0253439	105.064143	2.686282	105.062350	
2010	235	100	235.041666667		08/23/2010 1:00	260.28	3.7219	0.313	16.1	0.344	12.88	40.3003	105.0164714	105.055271	2.677370	105.053438	
2010	235	200	235.083333333		08/23/2010 2:00	259.53	3.7114	0.313	16.09	0.344	12.85	40.3251	105.0089097	105.047709	2.669774	105.045842	
2010	235	300	235.125000000		08/23/2010 3:00	258.62	3.6986	0.313	16.11	0.344	12.81	40.3552	104.9997348	105.038534	2.660558	105.036626	
2010	235	400	235.166666667		08/23/2010 4:00	257.83	3.6875	0.313	16.1	0.344	12.79	40.3813	104.9917697	105.030569	2.652557	105.028625	
2010	235	500	235.208333333		08/23/2010 5:00	256.98	3.6755	0.313	16.11	0.343	12.76	40.4094	104.9831998	105.021999	2.643949	105.020016	
2010	235	600	235.250000000		08/23/2010 6:00	255.93	3.6607	0.311	16.12	0.341	12.87	40.4442	104.9726133	105.011413	2.633315	105.009382	
2010	235	700	235.291666667		08/23/2010 7:00	255.08	3.6487	0.309	16.11	0.339	13.43	40.4723	104.9640433	105.002843	2.624706	105.000774	
2010	235	800	235.333333333		08/23/2010 8:00	254.39	3.6390	0.309	16.11	0.339	13.39	40.4951	104.9570865	104.995886	2.617718	104.993786	
2010	235	900	235.375000000		08/23/2010 9:00	253.19	3.6221	0.309	16.1	0.339	13.35	40.5348	104.9449877	104.983787	2.605565	104.981633	
2010	235	1000	235.416666667		08/23/2010 10:00	252.52	3.6127	0.309	16.12	0.339	13.31	40.5570	104.9382326	104.977032	2.598779	104.974847	
2010	235	1100	235.458333333		08/23/2010 11:00	251.86	3.6034	0.309	16.1	0.339	13.29	40.5788	104.9315782	104.970377	2.592095	104.968163	
2010	235	1200	235.500000000		08/23/2010 12:00	251.24	3.5947	0.309	16.1	0.339	13.28	40.5993	104.9253272	104.964126	2.585816	104.961884	
2010	235	1300	235.541666667		08/23/2010 13:00	250.46	3.5837	0.309	16.1	0.339	13.26	40.6251	104.917463	104.956262	2.577916	104.953984	
2010	235	1400	235.583333333		08/23/2010 14:00	249.53	3.5706	0.309	16.11	0.339	13.24	40.6559	104.9080864	104.946886	2.568498	104.944565	
2010	235	1500	235.625000000		08/23/2010 15:00	248.6	3.5575	0.309	16.1	0.339	13.22	40.6866	104.8987099	104.937509	2.559079	104.935147	
2010	235	1600	235.666666667		08/23/2010 16:00	248.61	3.5576	0.309	16.12	0.339	13.22	40.6863	104.8988107	104.937610	2.559180	104.935248	
2010	235	1700	235.708333333		08/23/2010 17:00	248.18	3.5516	0.309	16.13	0.339	13.21	40.7005	104.8944753	104.933274	2.554825	104.930893	
2010	235	1800	235.750000000		08/23/2010 18:00	248.58	3.5572	0.309	16.13	0.339	13.24	40.6873	104.8985082	104.937307	2.558876	104.934944	
2010	235	1900	235.791666667		08/23/2010 19:00	249.44	3.5693	0.309	16.12	0.339	13.13	40.6589	104.907179	104.945978	2.567586	104.943654	
2010	235	2000	235.833333333		08/23/2010 20:00	250.51	3.5844	0.309	16.14	0.339	13.06	40.6235	104.9179671	104.956766	2.578423	104.954490	
2010	235	2100	235.875000000		08/23/2010 21:00	251.5	3.5983	0.309	16.13	0.339	13.01	40.5907	104.9279486	104.966748	2.588449	104.964517	
2010	235	2200	235.916666667		08/23/2010 22:00	252.13	3.6072	0.31	16.13	0.34	12.97	40.5699	104.9343005	104.973100	2.594830	104.970897	
2010	235	2300	235.958333333		08/23/2010 23:00	252.48	3.6121	0.31	16.13	0.34	12.93	40.5583	104.9378293	104.976628	2.598374	104.974442	
2010	235	2400	236.000000000		08/24/2010 0:00	252.31	3.6097	0.31	16.13	0.34	12.9	40.5639	104.9361153	104.974914	2.596653	104.972720	
2010	236	100	236.041666667		08/24/2010 1:00	251.97	3.6049	0.31	16.12	0.34	12.87	40.5752	104.9326873	104.971487	2.593209	104.969277	
2010	236	200	236.083333333		08/24/2010 2:00	251.51	3.5985	0.31	16.12	0.34	12.83	40.5904	104.9280494	104.966849	2.588550	104.964618	
2010	236	300	236.125000000		08/24/2010 3:00	251.12	3.5930	0.31	16.14	0.34	12.8	40.6033	104.9241173	104.962917	2.584601	104.960668	
2010	236	400	236.166666667		08/24/2010 4:00	250.86	3.5893	0.31	16.13	0.34	12.77	40.6119	104.9214959	104.960295	2.581967	104.958035	
2010	236	500	236.208333333		08/24/2010 5:00	250.66	3.5865	0.31	16.13	0.34	12.74	40.6185	104.9194794	104.958279	2.579942	104.956010	
2010	236	600	236.250000000		08/24/2010 6:00	250.19	3.5799	0.31	16.13	0.34	12.86	40.6341	104.9147408	104.953540	2.575182	104.951250	
2010	236	700	236.291666667		08/24/2010 7:00	249.84	3.5750	0.31	16.13	0.34	13.45	40.6456	104.9112119	104.950011	2.571637	104.947705	
2010	236	800	236.333333333		08/24/2010 8:00	249.5	3.5702	0.31	16.13	0.34	13.37	40.6569	104.9077839	104.946583	2.568194	104.944262	
2010	236	900	236.375000000		08/24/2010 9:00	248.73	3.5593	0.31	16.13	0.34	13.33	40.6823	104.9000206	104.938820	2.560396	104.936463	
2010	236	1000	236.416666667		08/24/2010 10:00	248.05	3.5498	0.31	16.12	0.34	13.3	40.7048	104.8931646	104.931964	2.553509	104.929576	
2010	236	1100	236.458333333		08/24/2010 11:00	247.48	3.5417	0.31	16.12	0.34	13.27	40.7237	104.8874176	104.926217	2.547736	104.923804	
2010	236	1200	236.500000000		08/24/2010 12:00	246.89	3.5334	0.31	16.14	0.34	13.26	40.7432	104.8814691	104.920268	2.541761	104.917828	
2010	236	1300	236.541666667		08/24/2010 13:00	246.21	3.5239	0.31	16.13	0.34	13.22	40.7657	104.8746131	104.913412	2.534874	104.910942	
2010	236	1400	236.583333333		08/24/2010 14:00	245.54	3.5144	0.311	16.13	0.341	13.18	40.7879	104.8678579	104.906657	2.528088	104.904156	
2010	236	1500	236.625000000		08/24/2010 15:00	245.19	3.5095	0.311	16.14	0.341	13.16	40.7994	104.8643291	104.903128	2.524544	104.900611	
2010	236	1600	236.666666667		08/24/2010 16:00	245.43	3.5129	0.311	16.14	0.341	13.14	40.7915	104.8667489	104.905548	2.526974	104.903042	
2010	236	1700	236.708333333		08/24/2010 17:00	246.21	3.5239	0.311	16.14	0.341	13.14	40.7657	104.8746131	104.913412	2.534874	104.910942	
2010	236	1800	236.750000000		08/24/2010 18:00	247.58	3.5431	0.311	16.14	0.341	13.15	40.7204	104.8884259	104.927225	2.548749	104.924816	
2010	236	1900	236.791666667		08/24/2010 19:00	249.3	3.5674	0.311	16.13	0.341	13.04	40.6635	104.9057675	104.944567	2.566168	104.942236	
2010	236	2000	236.833333333		08/24/2010 20:00	250.79	3.5883	0.311	16.16	0.342	12.97	40.6142	104.9207902	104.959589	2.581259	104.957326	
2010	236	2100	236.875000000		08/24/2010 21:00	252.37	3.6106	0.311	16.14	0.342	12.92	40.5619	104.9367202	104.975519	2.597260	104.973328	
2010	236	2200	236.916666667		08/24/2010 22:00	253.73	3.6297	0.312	16.13	0.342	12.88	40.5170	104.9504322	104.989231	2.611034	104.987102	
2010	236	2300	236.958333333		08/24/2010 23:00	255.01	3.6477	0.313	16.14	0.344	12.84	40.4746	104.9633376	105.002137	2.623997	105.000065	
2010	236	2400	237.000000000		08/25/2010 0:00	255.89	3.6601	0.315	16.14	0.346	12.8	40.4455	104.97221	105.011009	2.632910	105.008977	
2010	237	100	237.041666667		08/25/2010 1:00	256.57	3.6697	0.316	16.15	0.347	12.77	40.4230	104.979066	105.017865	2.639796	105.015864	
2010	237	200	237.083333333		08/25/2010 2:00	257.1	3.6772	0.321	16.15	0.352	12.73	40.4055	104.9844096	105.023209	2.645164	105.021232	
2010	237	300	237.125000000		08/25/2010 3:00	257.5	3.6828	0.321	16.15	0.352	12.71	40.3922	104.9884426	105.027242	2.649215	105.025283	
2010	237	400	237.166666667		08/25/2010 4:00	257.8	3.6870	0.321	16.14	0.352	12.68	40.3823	104.9914673	105.030266	2.652253	105.028321	
2010	237	500	237.208333333		08/25/2010 5:00	257.9	3.6884	0.32	16.14	0.352	12.66	40.3790	104.9924755	105.031275	2.653266	105.029334	
2010	237	600	237.250000000		08/25/2010 6:00	257.43	3.6818	0.32	16.14	0.351	12.84	40.3946	104.9877368	105.026536	2.648506	105.024574	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	237	700	237.291666667		08/25/2010 7:00	256.86	3.6738	0.32	16.14	0.351	13.41	40.4134	104.9819899	105.020789	2.642733	105.018801	
2010	237	800	237.333333333		08/25/2010 8:00	256.26	3.6653	0.32	16.15	0.351	13.33	40.4333	104.9759405	105.014740	2.636657	105.012724	
2010	237	900	237.375000000		08/25/2010 9:00	254.92	3.6465	0.319	16.13	0.35	13.29	40.4776	104.9624302	105.001229	2.623086	104.999153	
2010	237	1000	237.416666667		08/25/2010 10:00	254.05	3.6342	0.318	16.11	0.349	13.25	40.5064	104.9536585	104.992458	2.614275	104.990342	
2010	237	1100	237.458333333		08/25/2010 11:00	252.85	3.6173	0.318	16.12	0.349	13.22	40.5461	104.9415597	104.980359	2.602121	104.978189	
2010	237	1200	237.500000000		08/25/2010 12:00	251.96	3.6048	0.318	16.13	0.349	13.2	40.5755	104.9325865	104.971386	2.593108	104.969176	
2010	237	1300	237.541666667		08/25/2010 13:00	250.87	3.5895	0.318	16.11	0.349	13.16	40.6116	104.9215967	104.960396	2.582069	104.958136	
2010	237	1400	237.583333333		08/25/2010 14:00	249.82	3.5747	0.318	16.12	0.349	13.13	40.6463	104.9110103	104.949809	2.571435	104.947502	
2010	237	1500	237.625000000		08/25/2010 15:00	248.61	3.5576	0.318	16.11	0.348	13.11	40.6863	104.8988107	104.937610	2.559180	104.935248	
2010	237	1600	237.666666667		08/25/2010 16:00	248.2	3.5519	0.317	16.12	0.348	13.1	40.6999	104.8946769	104.933476	2.555028	104.931096	
2010	237	1700	237.708333333		08/25/2010 17:00	247.52	3.5423	0.317	16.11	0.348	13.09	40.7224	104.8878209	104.926620	2.548141	104.924209	
2010	237	1800	237.750000000		08/25/2010 18:00	247.34	3.5398	0.316	16.11	0.347	13.12	40.7283	104.8860061	104.924805	2.546318	104.922386	
2010	237	1900	237.791666667		08/25/2010 19:00	247.55	3.5427	0.316	16.12	0.347	13	40.7214	104.8881234	104.926923	2.548445	104.924513	
2010	237	2000	237.833333333		08/25/2010 20:00	247.82	3.5465	0.314	16.15	0.344	12.93	40.7124	104.8908456	104.929645	2.551179	104.927247	
2010	237	2100	237.875000000		08/25/2010 21:00	248.72	3.5592	0.313	16.13	0.344	12.88	40.6827	104.8999197	104.938719	2.560294	104.936362	
2010	237	2200	237.916666667		08/25/2010 22:00	249.98	3.5769	0.313	16.12	0.344	12.84	40.6410	104.9126235	104.951423	2.573055	104.949123	
2010	237	2300	237.958333333		08/25/2010 23:00	251.35	3.5962	0.314	16.13	0.344	12.81	40.5957	104.9264363	104.965235	2.586930	104.962998	
2010	237	2400	238.000000000		08/26/2010 0:00	252.57	3.6134	0.314	16.14	0.344	12.77	40.5553	104.9387367	104.977536	2.599286	104.975353	
2010	238	100	238.041666667		08/26/2010 1:00	253.68	3.6290	0.315	16.14	0.346	12.75	40.5186	104.9499281	104.988727	2.610527	104.986595	
2010	238	200	238.083333333		08/26/2010 2:00	254.43	3.6396	0.32	16.16	0.351	12.72	40.4938	104.9574898	104.996289	2.618123	104.994191	
2010	238	300	238.125000000		08/26/2010 3:00	255.07	3.6486	0.324	16.16	0.355	12.7	40.4726	104.9639425	105.002742	2.624605	105.000673	
2010	238	400	238.166666667		08/26/2010 4:00	255.46	3.6541	0.327	16.16	0.359	12.67	40.4597	104.9678746	105.006674	2.628555	105.004622	
2010	238	500	238.208333333		08/26/2010 5:00	255.37	3.6528	0.327	16.17	0.359	12.64	40.4627	104.9669672	105.005766	2.627643	105.003711	
2010	238	600	238.250000000		08/26/2010 6:00	254.74	3.6439	0.327	16.16	0.359	12.75	40.4835	104.9606153	104.999415	2.621263	104.997330	
2010	238	700	238.291666667		08/26/2010 7:00	254.14	3.6355	0.327	16.16	0.359	13.35	40.5034	104.954566	104.993365	2.615186	104.991254	
2010	238	800	238.333333333		08/26/2010 8:00	253.08	3.6206	0.327	16.15	0.359	13.31	40.5385	104.9438787	104.982678	2.604451	104.980519	
2010	238	900	238.375000000		08/26/2010 9:00	252.13	3.6072	0.327	16.17	0.359	13.26	40.5699	104.9343005	104.973100	2.594830	104.970897	
2010	238	1000	238.416666667		08/26/2010 10:00	251.92	3.6042	0.327	16.18	0.358	13.21	40.5768	104.9321832	104.970982	2.592703	104.968770	
2010	238	1100	238.458333333		08/26/2010 11:00	251.57	3.5993	0.327	16.16	0.359	13.18	40.5884	104.9286544	104.967454	2.589158	104.965226	
2010	238	1200	238.500000000		08/26/2010 12:00	249.97	3.5768	0.327	16.16	0.359	13.15	40.6413	104.9125226	104.951322	2.572954	104.949022	
2010	238	1300	238.541666667		08/26/2010 13:00	249.99	3.5771	0.324	16.17	0.356	13.13	40.6407	104.9127243	104.951523	2.573156	104.949224	
2010	238	1400	238.583333333		08/26/2010 14:00	249.28	3.5671	0.323	16.16	0.354	13.11	40.6642	104.9055658	104.944365	2.565966	104.942033	
2010	238	1500	238.625000000		08/26/2010 15:00	249.14	3.5651	0.323	16.16	0.354	13.12	40.6688	104.9041543	104.942954	2.564548	104.940616	
2010	238	1600	238.666666667		08/26/2010 16:00	249.93	3.5762	0.324	16.16	0.355	13.15	40.6427	104.9121193	104.950919	2.572549	104.948616	
2010	238	1700	238.708333333		08/26/2010 17:00	250.93	3.5903	0.326	16.15	0.358	13.18	40.6096	104.9222017	104.961001	2.582676	104.958744	
2010	238	1800	238.750000000		08/26/2010 18:00	252.29	3.6095	0.327	16.18	0.358	13.24	40.5646	104.9359136	104.974713	2.596450	104.972518	
2010	238	1900	238.791666667		08/26/2010 19:00	253.9	3.6321	0.326	16.17	0.358	13.11	40.5113	104.9521462	104.990945	2.612756	104.988823	
2010	238	2000	238.833333333		08/26/2010 20:00	255.43	3.6537	0.327	16.17	0.358	13.05	40.4607	104.9675722	105.006371	2.628251	105.004319	
2010	238	2100	238.875000000		08/26/2010 21:00	256.86	3.6738	0.33	16.17	0.362	12.99	40.4134	104.9819899	105.020789	2.642733	105.018801	
2010	238	2200	238.916666667		08/26/2010 22:00	258.28	3.6938	0.333	16.16	0.365	12.95	40.3664	104.9963068	105.035106	2.657115	105.033182	
2010	238	2300	238.958333333		08/26/2010 23:00	259.39	3.7094	0.335	16.17	0.368	12.91	40.3297	105.0074982	105.046297	2.668356	105.044424	
2010	238	2400	239.000000000		08/27/2010 0:00	260.55	3.7257	0.337	16.17	0.369	12.88	40.2914	105.0191937	105.057993	2.680104	105.056172	
2010	239	100	239.041666667		08/27/2010 1:00	261.55	3.7398	0.338	16.17	0.371	12.85	40.2583	105.029276	105.068075	2.690232	105.066300	
2010	239	200	239.083333333		08/27/2010 2:00	262.51	3.7533	0.341	16.2	0.374	12.81	40.2265	105.038955	105.077754	2.699955	105.076022	
2010	239	300	239.125000000		08/27/2010 3:00	263.35	3.7652	0.342	16.2	0.375	12.78	40.1987	105.0474242	105.086223	2.708462	105.084530	
2010	239	400	239.166666667		08/27/2010 4:00	263.95	3.7736	0.342	16.19	0.375	12.75	40.1789	105.0534736	105.092273	2.714538	105.090606	
2010	239	500	239.208333333		08/27/2010 5:00	264.18	3.7769	0.342	16.19	0.375	12.73	40.1713	105.0557925	105.094592	2.716868	105.092936	
2010	239	600	239.250000000		08/27/2010 6:00	263.83	3.7719	0.342	16.17	0.375	13.3	40.1829	105.0522637	105.091063	2.713323	105.089391	
2010	239	700	239.291666667		08/27/2010 7:00	263.45	3.7666	0.342	16.18	0.375	13.48	40.1954	105.0484324	105.087232	2.709475	105.085542	
2010	239	800	239.333333333		08/27/2010 8:00	263.14	3.7622	0.342	16.19	0.375	13.43	40.2057	105.0453069	105.084106	2.706335	105.082403	
2010	239	900	239.375000000		08/27/2010 9:00	262.24	3.7495	0.342	16.19	0.375	13.37	40.2355	105.0362328	105.075032	2.697220	105.073288	
2010	239	1000	239.416666667		08/27/2010 10:00	261.34	3.7369	0.342	16.17	0.375	13.33	40.2652	105.0271587	105.065958	2.688105	105.064173	
2010	239	1100	239.458333333		08/27/2010 11:00	260.66	3.7273	0.342	16.18	0.375	13.31	40.2877	105.0203027	105.059102	2.681218	105.057286	
2010	239	1200	239.500000000		08/27/2010 12:00	260.02	3.7183	0.342	16.19	0.375	13.3	40.3089	105.01385	105.052649	2.674737	105.050804	
2010	239	1300	239.541666667		08/27/2010 13:00	259.29	3.7080	0.343	16.21	0.376	13.28	40.3330	105.0064899	105.045289	2.667344	105.043411	
2010	239	1400	239.583333333		08/27/2010 14:00	258.49	3.6967	0.342	16.2	0.376	13.26	40.3595	104.9984241	105.037223	2.659241	105.035309	
2010	239	1500	239.625000000		08/27/2010 15:00	257.91	3.6886	0.343	16.21	0.376	13.25	40.3787	104.9925763	105.031376	2.653367	105.029435	
2010	239	1600	239.666666667		08/27/2010 16:00	258.13	3.6917	0.342	16.2	0.375	13.24	40.3714	104.9947944	105.033594	2.655596	105.031663	
2010	239	1700	239.708333333		08/27/2010 17:00	258.02	3.6901	0.341	16.21	0.374	13.24	40.3750	104.9936854	105.032485	2.654481	105.030549	
2010	239	1800	239.750000000		08/27/2010 18:00	258.7	3.6997	0.34	16.19	0.373	13.3	40.3526	105.0005414	105.039341	2.661368	105.037436	
2010	239	1900	239.791666667		08/27/2010 19:00	259.47	3.7105	0.34	16.19	0.373	13.16	40.3271	105.0083048	105.047104	2.669167	105.045234	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	2000	239.833333333		08/27/2010 20:00	260.66	3.7273	0.34	16.19	0.373	13.1	40.2877	105.0203027	105.059102	2.681218	105.057286	
2010	239	2100	239.875000000		08/27/2010 21:00	261.8	3.7433	0.34	16.18	0.373	13.05	40.2500	105.0317966	105.070596	2.692764	105.068832	
2010	239	2200	239.916666667		08/27/2010 22:00	262.68	3.7557	0.341	16.19	0.374	13.01	40.2209	105.040669	105.079468	2.701676	105.077744	
2010	239	2300	239.958333333		08/27/2010 23:00	263.53	3.7677	0.343	16.19	0.376	12.97	40.1928	105.049239	105.088038	2.710285	105.086353	
2010	239	2400	240.000000000		08/28/2010 0:00	264.04	3.7749	0.344	16.18	0.377	12.94	40.1759	105.054381	105.093180	2.715450	105.091518	
2010	240	100	240.041666667		08/28/2010 1:00	264.34	3.7791	0.343	16.18	0.377	12.9	40.1660	105.0574057	105.096205	2.718488	105.094556	
2010	240	200	240.083333333		08/28/2010 2:00	264.5	3.7814	0.344	16.18	0.378	12.87	40.1607	105.0590189	105.097818	2.720109	105.096176	
2010	240	300	240.125000000		08/28/2010 3:00	264.69	3.7840	0.344	16.19	0.378	12.84	40.1544	105.0609345	105.099734	2.722033	105.098101	
2010	240	400	240.166666667		08/28/2010 4:00	264.8	3.7856	0.344	16.19	0.377	12.81	40.1508	105.0620436	105.100843	2.723147	105.099215	
2010	240	500	240.208333333		08/28/2010 5:00	264.82	3.7859	0.344	16.19	0.377	12.78	40.1501	105.0622452	105.101044	2.723350	105.099417	
2010	240	600	240.250000000		08/28/2010 6:00	264.69	3.7840	0.345	16.2	0.379	12.77	40.1544	105.0609345	105.099734	2.722033	105.098101	
2010	240	700	240.291666667		08/28/2010 7:00	264.29	3.7784	0.345	16.19	0.378	13.43	40.1676	105.0569016	105.095701	2.717982	105.094050	
2010	240	800	240.333333333		08/28/2010 8:00	263.75	3.7708	0.344	16.18	0.377	13.41	40.1855	105.0514571	105.090256	2.712513	105.088581	
2010	240	900	240.375000000		08/28/2010 9:00	262.65	3.7553	0.344	16.19	0.377	13.37	40.2219	105.0403666	105.079166	2.701372	105.077440	
2010	240	1000	240.416666667		08/28/2010 10:00	262.29	3.7502	0.342	16.2	0.375	13.33	40.2338	105.0367369	105.075536	2.697727	105.073794	
2010	240	1100	240.458333333		08/28/2010 11:00	260.9	3.7307	0.339	16.2	0.372	13.31	40.2798	105.0227225	105.061522	2.683649	105.059717	
2010	240	1200	240.500000000		08/28/2010 12:00	260.19	3.7207	0.339	16.2	0.372	13.3	40.3033	105.015564	105.054363	2.676458	105.052526	
2010	240	1300	240.541666667		08/28/2010 13:00	259.5	3.7110	0.339	16.18	0.372	13.25	40.3261	105.0086072	105.047406	2.669470	105.045538	
2010	240	1400	240.583333333		08/28/2010 14:00	259.04	3.7045	0.339	16.19	0.372	13.23	40.3413	105.0039694	105.042769	2.664812	105.040879	
2010	240	1500	240.625000000		08/28/2010 15:00	257.69	3.6855	0.339	16.18	0.372	13.22	40.3860	104.9903582	105.029157	2.651139	105.027207	
2010	240	1600	240.666666667		08/28/2010 16:00	257.37	3.6810	0.339	16.19	0.372	13.24	40.3965	104.9871319	105.025931	2.647898	105.023966	
2010	240	1700	240.708333333		08/28/2010 17:00	256.16	3.6639	0.339	16.2	0.372	13.24	40.4366	104.9749323	105.013731	2.635644	105.011712	
2010	240	1800	240.750000000		08/28/2010 18:00	255.97	3.6613	0.339	16.21	0.372	13.24	40.4429	104.9730166	105.011816	2.633720	105.009787	
2010	240	1900	240.791666667		08/28/2010 19:00	255.82	3.6592	0.339	16.2	0.372	13.15	40.4478	104.9715043	105.010303	2.632201	105.008268	
2010	240	2000	240.833333333		08/28/2010 20:00	255.84	3.6594	0.339	16.19	0.372	13.08	40.4472	104.9717059	105.010505	2.632403	105.008471	
2010	240	2100	240.875000000		08/28/2010 21:00	256.26	3.6653	0.339	16.19	0.372	13.03	40.4333	104.9759405	105.014740	2.636657	105.012724	
2010	240	2200	240.916666667		08/28/2010 22:00	256.81	3.6731	0.339	16.21	0.372	13	40.4151	104.9814858	105.020285	2.642227	105.018295	
2010	240	2300	240.958333333		08/28/2010 23:00	257.16	3.6780	0.339	16.21	0.372	12.96	40.4035	104.9850146	105.023814	2.645772	105.021839	
2010	240	2400	241.000000000		08/29/2010 0:00	257.15	3.6779	0.339	16.2	0.372	12.92	40.4038	104.9849138	105.023713	2.645670	105.021738	
2010	241	100	241.041666667		08/29/2010 1:00	256.84	3.6735	0.339	16.21	0.372	12.88	40.4141	104.9817882	105.020587	2.642531	105.018599	
2010	241	200	241.083333333		08/29/2010 2:00	256.27	3.6655	0.339	16.21	0.372	12.85	40.4329	104.9760413	105.014841	2.636758	105.012826	
2010	241	300	241.125000000		08/29/2010 3:00	255.66	3.6569	0.339	16.19	0.372	12.82	40.4531	104.9698911	105.008690	2.630580	105.006648	
2010	241	400	241.166666667		08/29/2010 4:00	255.16	3.6499	0.339	16.19	0.372	12.79	40.4697	104.9648499	105.003649	2.625516	105.001584	
2010	241	500	241.208333333		08/29/2010 5:00	254.65	3.6427	0.339	16.2	0.372	12.76	40.4865	104.9597079	104.998507	2.620351	104.996419	
2010	241	600	241.250000000		08/29/2010 6:00	253.9	3.6321	0.339	16.21	0.372	12.83	40.5113	104.9521462	104.990945	2.612756	104.988823	
2010	241	700	241.291666667		08/29/2010 7:00	253.65	3.6286	0.339	16.2	0.372	13.44	40.5196	104.9496256	104.988425	2.610224	104.986291	
2010	241	800	241.333333333		08/29/2010 8:00	253.23	3.6227	0.339	16.2	0.372	13.39	40.5335	104.945391	104.984190	2.605970	104.982038	
2010	241	900	241.375000000		08/29/2010 9:00	252.65	3.6145	0.339	16.21	0.372	13.35	40.5527	104.9395433	104.978342	2.600096	104.976164	
2010	241	1000	241.416666667		08/29/2010 10:00	252.08	3.6065	0.339	16.21	0.372	13.31	40.5715	104.9337964	104.972596	2.594323	104.970391	
2010	241	1100	241.458333333		08/29/2010 11:00	251.98	3.6051	0.339	16.2	0.372	13.29	40.5748	104.9327881	104.971587	2.593310	104.969378	
2010	241	1200	241.500000000		08/29/2010 12:00	251.16	3.5935	0.339	16.2	0.372	13.27	40.6020	104.9245206	104.963320	2.585006	104.961073	
2010	241	1300	241.541666667		08/29/2010 13:00	250.52	3.5845	0.339	16.21	0.371	13.26	40.6231	104.9180679	104.956867	2.578524	104.954592	
2010	241	1400	241.583333333		08/29/2010 14:00	249.98	3.5769	0.339	16.21	0.371	13.24	40.6410	104.9126235	104.951423	2.573055	104.949123	
2010	241	1500	241.625000000		08/29/2010 15:00	249.85	3.5751	0.339	16.21	0.371	13.23	40.6453	104.9113128	104.950112	2.571739	104.947806	
2010	241	1600	241.666666667		08/29/2010 16:00	248.47	3.5557	0.339	16.2	0.371	13.23	40.6909	104.8973991	104.936198	2.557762	104.933830	
2010	241	1700	241.708333333		08/29/2010 17:00	248.47	3.5557	0.339	16.21	0.371	13.25	40.6909	104.8973991	104.936198	2.557762	104.933830	
2010	241	1800	241.750000000		08/29/2010 18:00	247.6	3.5434	0.339	16.21	0.371	13.28	40.7197	104.8886275	104.927427	2.548951	104.925019	
2010	241	1900	241.791666667		08/29/2010 19:00	246.87	3.5331	0.339	16.22	0.371	13.16	40.7439	104.8812674	104.920067	2.541558	104.917626	
2010	241	2000	241.833333333		08/29/2010 20:00	246.25	3.5244	0.339	16.22	0.371	13.09	40.7644	104.8750164	104.913816	2.535279	104.911347	
2010	241	2100	241.875000000		08/29/2010 21:00	245.48	3.5136	0.339	16.21	0.371	13.05	40.7899	104.867253	104.906052	2.527481	104.903548	
2010	241	2200	241.916666667		08/29/2010 22:00	244.91	3.5056	0.338	16.22	0.371	13	40.8087	104.8615061	104.900305	2.521708	104.897776	
2010	241	2300	241.958333333		08/29/2010 23:00	244.28	3.4967	0.331	16.17	0.363	12.96	40.8295	104.8551542	104.893953	2.515327	104.891395	
2010	241	2400	242.000000000		08/30/2010 0:00	243.64	3.4877	0.328	16.19	0.36	12.93	40.8507	104.8487015	104.887501	2.508846	104.884913	
2010	242	100	242.041666667		08/30/2010 1:00	243.05	3.4794	0.327	16.18	0.359	12.9	40.8702	104.8427529	104.881552	2.502870	104.878938	
2010	242	200	242.083333333		08/30/2010 2:00	242.45	3.4709	0.327	16.18	0.359	12.86	40.8901	104.8367035	104.875503	2.496794	104.872862	
2010	242	300	242.125000000		08/30/2010 3:00	241.79	3.4616	0.326	16.2	0.358	12.83	40.9119	104.8300492	104.868848	2.490110	104.866177	
2010	242	400	242.166666667		08/30/2010 4:00	241.14	3.4525	0.326	16.19	0.357	12.81	40.9334	104.8234957	104.862295	2.483527	104.859594	
2010	242	500	242.208333333		08/30/2010 5:00	240.51	3.4436	0.325	16.2	0.356	12.77	40.9543	104.8171438	104.855943	2.477146	104.853214	
2010	242	600	242.250000000		08/30/2010 6:00	239.93	3.4354	0.325	16.18	0.356	12.75	40.9734	104.8112961	104.850095	2.471272	104.847340	
2010	242	700	242.291666667		08/30/2010 7:00	239.35	3.4273	0.324	16.2	0.356	13.47	40.9926	104.8054483	104.844248	2.465398	104.841466	
2010	242	800	242.333333333		08/30/2010 8:00	238.69	3.4180	0.325	16.19	0.356	13.45	41.0145	104.798794	104.837593	2.458714	104.834782	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	242	900	242.375000000		08/30/2010 9:00	238.22	3.4114	0.325	16.2	0.356	13.41	41.0300	104.7940553	104.832854	2.453954	104.830022	
2010	242	1000	242.416666667		08/30/2010 10:00	237.35	3.3991	0.325	16.21	0.356	13.35	41.0588	104.7852837	104.824083	2.445143	104.821211	
2010	242	1100	242.458333333		08/30/2010 11:00	237.13	3.3960	0.324	16.2	0.356	13.32	41.0661	104.7830655	104.821865	2.442915	104.818982	
2010	242	1200	242.500000000		08/30/2010 12:00	236.57	3.3881	0.324	16.2	0.355	13.3	41.0846	104.7774194	104.816219	2.437243	104.813311	
2010	242	1300	242.541666667		08/30/2010 13:00	236.14	3.3821	0.325	16.21	0.356	13.28	41.0988	104.773084	104.811883	2.432888	104.808956	
2010	242	1400	242.583333333		08/30/2010 14:00	235.55	3.3738	0.324	16.21	0.356	13.26	41.1183	104.7671355	104.805935	2.426913	104.802981	
2010	242	1500	242.625000000		08/30/2010 15:00	234.99	3.3659	0.324	16.21	0.355	13.23	41.1368	104.7614894	104.800289	2.421242	104.797309	
2010	242	1600	242.666666667		08/30/2010 16:00	235.29	3.3701	0.323	16.2	0.355	13.24	41.1269	104.7645141	104.803313	2.424280	104.800348	
2010	242	1700	242.708333333		08/30/2010 17:00	235.7	3.3759	0.323	16.22	0.354	13.24	41.1134	104.7686478	104.807447	2.428432	104.804500	
2010	242	1800	242.750000000		08/30/2010 18:00	236.83	3.3918	0.322	16.2	0.353	13.28	41.0760	104.7800409	104.818840	2.439876	104.815944	
2010	242	1900	242.791666667		08/30/2010 19:00	238.03	3.4087	0.319	16.21	0.35	13.15	41.0363	104.7921396	104.830939	2.452030	104.828097	
2010	242	2000	242.833333333		08/30/2010 20:00	239.15	3.4245	0.318	16.21	0.349	13.09	40.9992	104.8034319	104.842231	2.463373	104.839440	
2010	242	2100	242.875000000		08/30/2010 21:00	239.96	3.4359	0.318	16.21	0.349	13.04	40.9724	104.8115985	104.850398	2.471576	104.847644	
2010	242	2200	242.916666667		08/30/2010 22:00	240.53	3.4439	0.319	16.21	0.349	12.99	40.9536	104.8173455	104.856145	2.477349	104.853416	
2010	242	2300	242.958333333		08/30/2010 23:00	240.66	3.4457	0.319	16.2	0.35	12.96	40.9493	104.8186562	104.857455	2.478665	104.854733	
2010	242	2400	243.000000000		08/31/2010 0:00	240.4	3.4421	0.319	16.21	0.35	12.92	40.9579	104.8160348	104.854834	2.476032	104.852100	
2010	243	100	243.041666667		08/31/2010 1:00	239.94	3.4356	0.319	16.2	0.35	12.89	40.9731	104.8113969	104.850196	2.471373	104.847441	
2010	243	200	243.083333333		08/31/2010 2:00	239.39	3.4278	0.319	16.21	0.35	12.87	40.9913	104.8058516	104.844651	2.465803	104.841871	
2010	243	300	243.125000000		08/31/2010 3:00	239.06	3.4232	0.319	16.2	0.35	12.83	41.0022	104.8025244	104.841324	2.462461	104.838529	
2010	243	400	243.166666667		08/31/2010 4:00	238.8	3.4195	0.319	16.21	0.35	12.81	41.0108	104.799903	104.838702	2.459828	104.835896	
2010	243	500	243.208333333		08/31/2010 5:00	238.65	3.4174	0.319	16.22	0.35	12.77	41.0158	104.7983907	104.837190	2.458309	104.834377	
2010	243	600	243.250000000		08/31/2010 6:00	238.28	3.4122	0.319	16.21	0.35	12.93	41.0280	104.7946602	104.833459	2.454562	104.830629	
2010	243	700	243.291666667		08/31/2010 7:00	237.75	3.4047	0.319	16.2	0.35	13.47	41.0455	104.7893166	104.828116	2.449194	104.825262	
2010	243	800	243.333333333		08/31/2010 8:00	237.86	3.4063	0.319	16.21	0.35	13.43	41.0419	104.7904256	104.829225	2.450308	104.826376	
2010	243	900	243.375000000		08/31/2010 9:00	236.89	3.3926	0.319	16.21	0.35	13.41	41.0740	104.7806458	104.819445	2.440484	104.816552	
2010	243	1000	243.416666667		08/31/2010 10:00	236.59	3.3884	0.319	16.19	0.35	13.36	41.0839	104.7776211	104.816420	2.437446	104.813514	
2010	243	1100	243.458333333		08/31/2010 11:00	235.97	3.3797	0.319	16.21	0.35	13.33	41.1044	104.77137	104.810169	2.431167	104.807234	
2010	243	1200	243.500000000		08/31/2010 12:00	235.54	3.3736	0.319	16.2	0.35	13.32	41.1187	104.7670346	104.805834	2.426812	104.802879	
2010	243	1300	243.541666667		08/31/2010 13:00	235.05	3.3667	0.319	16.19	0.35	13.33	41.1349	104.7620943	104.800894	2.421849	104.797917	
2010	243	1400	243.583333333		08/31/2010 14:00	234.37	3.3572	0.319	16.22	0.35	13.31	41.1574	104.7552383	104.794038	2.414962	104.791030	
2010	243	1500	243.625000000		08/31/2010 15:00	233.73	3.3481	0.319	16.2	0.35	13.31	41.1785	104.7487856	104.787585	2.408481	104.784548	
2010	243	1600	243.666666667		08/31/2010 16:00	233.61	3.3465	0.319	16.2	0.35	13.38	41.1825	104.7475758	104.786375	2.407265	104.783333	
2010	243	1700	243.708333333		08/31/2010 17:00	233.18	3.3404	0.32	16.21	0.35	13.42	41.1967	104.7432404	104.782040	2.402911	104.778978	
2010	243	1800	243.750000000		08/31/2010 18:00	233.27	3.3417	0.32	16.21	0.35	13.28	41.1937	104.7441478	104.782947	2.403822	104.779890	
2010	243	1900	243.791666667		08/31/2010 19:00	233.84	3.3497	0.32	16.2	0.35	13.22	41.1749	104.7498947	104.788694	2.409595	104.785662	
2010	243	2000	243.833333333		08/31/2010 20:00	235.16	3.3683	0.32	16.21	0.351	13.16	41.1312	104.7632034	104.802003	2.422963	104.799031	
2010	243	2100	243.875000000		08/31/2010 21:00	236.45	3.3864	0.32	16.2	0.351	13.12	41.0886	104.7762096	104.815009	2.436028	104.812096	
2010	243	2200	243.916666667		08/31/2010 22:00	237.58	3.4024	0.32	16.21	0.351	13.08	41.0512	104.7876026	104.826402	2.447472	104.823540	
2010	243	2300	243.958333333		08/31/2010 23:00	238.34	3.4131	0.32	16.2	0.351	13.04	41.0260	104.7952652	104.834064	2.455169	104.831237	
2010	243	2400	244.000000000		09/01/2010 0:00	238.88	3.4207	0.32	16.2	0.351	13.01	41.0082	104.8007096	104.839509	2.460638	104.836706	
2010	244	100	244.041666667		09/01/2010 1:00	239.03	3.4228	0.321	16.21	0.352	12.98	41.0032	104.802222	104.841021	2.462157	104.838225	
2010	244	200	244.083333333		09/01/2010 2:00	239.21	3.4253	0.324	16.2	0.356	12.94	40.9973	104.8040368	104.842836	2.463980	104.840048	
2010	244	300	244.125000000		09/01/2010 3:00	239.39	3.4278	0.326	16.22	0.358	12.91	40.9913	104.8058516	104.844651	2.465803	104.841871	
2010	244	400	244.166666667		09/01/2010 4:00	239.74	3.4328	0.328	16.22	0.36	12.88	40.9797	104.8093804	104.848180	2.469348	104.845416	
2010	244	500	244.208333333		09/01/2010 5:00	239.77	3.4332	0.33	16.21	0.362	12.85	40.9787	104.8096829	104.848482	2.469652	104.845719	
2010	244	600	244.250000000		09/01/2010 6:00	239.63	3.4312	0.332	16.23	0.364	12.82	40.9834	104.8082714	104.847071	2.468234	104.844302	
2010	244	700	244.291666667		09/01/2010 7:00	239.32	3.4268	0.333	16.22	0.365	13.4	40.9936	104.8051458	104.843945	2.465094	104.841162	
2010	244	800	244.333333333		09/01/2010 8:00	238.77	3.4191	0.333	16.21	0.366	13.39	41.0118	104.7996006	104.838400	2.459524	104.835592	
2010	244	900	244.375000000		09/01/2010 9:00	238.52	3.4156	0.334	16.23	0.366	13.36	41.0201	104.79708	104.835879	2.456992	104.833060	
2010	244	1000	244.416666667		09/01/2010 10:00	238.15	3.4104	0.334	16.23	0.367	13.31	41.0323	104.7933495	104.832149	2.453245	104.829313	
2010	244	1100	244.458333333		09/01/2010 11:00	237.32	3.3987	0.335	16.23	0.367	13.29	41.0598	104.7849812	104.823780	2.444839	104.820907	
2010	244	1200	244.500000000		09/01/2010 12:00	237.19	3.3969	0.335	16.22	0.367	13.26	41.0641	104.7836705	104.822470	2.443522	104.819590	
2010	244	1300	244.541666667		09/01/2010 13:00	236.97	3.3938	0.335	16.23	0.367	13.24	41.0714	104.7814524	104.820252	2.441294	104.817362	
2010	244	1400	244.583333333		09/01/2010 14:00	237.56	3.4021	0.335	16.22	0.367	13.23	41.0518	104.787401	104.826200	2.447270	104.823337	
2010	244	1500	244.625000000		09/01/2010 15:00	237.74	3.4046	0.335	16.24	0.367	13.24	41.0459	104.7892158	104.828015	2.449093	104.825160	
2010	244	1600	244.666666667		09/01/2010 16:00	238.51	3.4154	0.335	16.22	0.367	13.21	41.0204	104.7969792	104.835778	2.456891	104.832959	
2010	244	1700	244.708333333		09/01/2010 17:00	238.76	3.4190	0.335	16.22	0.368	13.2	41.0121	104.7994997	104.838299	2.459423	104.835491	
2010	244	1800	244.750000000		09/01/2010 18:00	240.04	3.4370	0.335	16.21	0.368	13.19	40.9698	104.8124051	104.851204	2.472386	104.848454	
2010	244	1900	244.791666667		09/01/2010 19:00	241.08	3.4516	0.336	16.22	0.368	13.1	40.9354	104.8228907	104.861690	2.482919	104.858987	
2010	244	2000	244.833333333		09/01/2010 20:00	241.99	3.4644	0.336	16.21	0.368	13.03	40.9053	104.8320657	104.870865	2.492135	104.868203	
2010	244	2100	244.875000000		09/01/2010 21:00	242.67	3.4740	0.337	16.21	0.37	12.98	40.8828	104.8389216	104.877721	2.499022	104.875090	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	2200	244.916666667		09/01/2010 22:00	243.21	3.4816	0.338	16.23	0.371	12.94	40.8649	104.8443661	104.883165	2.504491	104.880559	
2010	244	2300	244.958333333		09/01/2010 23:00	243.49	3.4856	0.338	16.22	0.371	12.9	40.8557	104.8471892	104.885988	2.507327	104.883394	
2010	244	2400	245.000000000		09/02/2010 0:00	243.66	3.4880	0.337	16.22	0.369	12.87	40.8501	104.8489032	104.887702	2.509048	104.885116	
2010	245	100	245.041666667		09/02/2010 1:00	243.46	3.4851	0.339	16.23	0.371	12.83	40.8567	104.8468867	104.885686	2.507023	104.883091	
2010	245	200	245.083333333		09/02/2010 2:00	243.27	3.4825	0.34	16.22	0.373	12.8	40.8630	104.844971	104.883770	2.505099	104.881166	
2010	245	300	245.125000000		09/02/2010 3:00	242.94	3.4778	0.34	16.23	0.373	12.77	40.8739	104.8416439	104.880443	2.501756	104.877824	
2010	245	400	245.166666667		09/02/2010 4:00	242.75	3.4751	0.34	16.24	0.373	12.74	40.8802	104.8397282	104.878527	2.499832	104.875900	
2010	245	500	245.208333333		09/02/2010 5:00	242.52	3.4719	0.34	16.23	0.373	12.71	40.8878	104.8374093	104.876209	2.497503	104.873571	
2010	245	600	245.250000000		09/02/2010 6:00	242.06	3.4654	0.341	16.23	0.373	12.79	40.9030	104.8327714	104.871571	2.492844	104.868912	
2010	245	700	245.291666667		09/02/2010 7:00	241.88	3.4629	0.341	16.24	0.373	13.47	40.9089	104.8309566	104.869756	2.491021	104.867089	
2010	245	800	245.333333333		09/02/2010 8:00	241.79	3.4616	0.341	16.23	0.374	13.41	40.9119	104.8300492	104.868848	2.490110	104.866177	
2010	245	900	245.375000000		09/02/2010 9:00	241.24	3.4539	0.341	16.23	0.374	13.38	40.9301	104.8245039	104.863303	2.484539	104.860607	
2010	245	1000	245.416666667		09/02/2010 10:00	241.26	3.4542	0.341	16.23	0.374	13.34	40.9294	104.8247056	104.863505	2.484742	104.860810	
2010	245	1100	245.458333333		09/02/2010 11:00	240.97	3.4501	0.341	16.24	0.374	13.31	40.9390	104.8217817	104.860581	2.481805	104.857873	
2010	245	1200	245.500000000		09/02/2010 12:00	240.61	3.4450	0.341	16.25	0.374	13.28	40.9509	104.8181521	104.856951	2.478159	104.854227	
2010	245	1300	245.541666667		09/02/2010 13:00	240.45	3.4428	0.342	16.22	0.374	13.25	40.9562	104.8165389	104.855338	2.476539	104.852606	
2010	245	1400	245.583333333		09/02/2010 14:00	240.1	3.4378	0.342	16.24	0.375	13.22	40.9678	104.8130101	104.851809	2.472994	104.849062	
2010	245	1500	245.625000000		09/02/2010 15:00	239.56	3.4302	0.342	16.24	0.375	13.2	40.9857	104.8075656	104.846365	2.467525	104.843593	
2010	245	1600	245.666666667		09/02/2010 16:00	239.46	3.4288	0.342	16.24	0.375	13.19	40.9890	104.8065574	104.845357	2.466512	104.842580	
2010	245	1700	245.708333333		09/02/2010 17:00	239.75	3.4329	0.342	16.22	0.375	13.19	40.9794	104.8094812	104.848280	2.469449	104.845517	
2010	245	1800	245.750000000		09/02/2010 18:00	240.16	3.4387	0.342	16.22	0.375	13.17	40.9658	104.813615	104.852414	2.473602	104.849669	
2010	245	1900	245.791666667		09/02/2010 19:00	240.7	3.4463	0.343	16.24	0.376	13.07	40.9480	104.8190595	104.857859	2.479070	104.855138	
2010	245	2000	245.833333333		09/02/2010 20:00	241.21	3.4535	0.343	16.25	0.376	13.01	40.9311	104.8242014	104.863001	2.484236	104.860303	
2010	245	2100	245.875000000		09/02/2010 21:00	241.6	3.4589	0.343	16.23	0.376	12.97	40.9182	104.8281336	104.866933	2.488185	104.864253	
2010	245	2200	245.916666667		09/02/2010 22:00	241.95	3.4639	0.344	16.24	0.377	12.93	40.9066	104.8316624	104.870462	2.491730	104.867798	
2010	245	2300	245.958333333		09/02/2010 23:00	242.06	3.4654	0.343	16.23	0.376	12.89	40.9030	104.8327714	104.871571	2.492844	104.868912	
2010	245	2400	246.000000000		09/03/2010 0:00	242.04	3.4651	0.343	16.24	0.376	12.86	40.9036	104.8325698	104.871369	2.492642	104.868709	
2010	246	100	246.041666667		09/03/2010 1:00	241.7	3.4604	0.343	16.24	0.375	12.83	40.9149	104.8291418	104.867941	2.489198	104.865266	
2010	246	200	246.083333333		09/03/2010 2:00	241.57	3.4585	0.343	16.25	0.375	12.79	40.9192	104.8278311	104.866630	2.487882	104.863949	
2010	246	300	246.125000000		09/03/2010 3:00	241.42	3.4564	0.342	16.25	0.375	12.76	40.9242	104.8263187	104.865118	2.486362	104.862430	
2010	246	400	246.166666667		09/03/2010 4:00	241.29	3.4546	0.343	16.24	0.376	12.73	40.9285	104.825008	104.863807	2.485046	104.861114	
2010	246	500	246.208333333		09/03/2010 5:00	241.24	3.4539	0.343	16.24	0.376	12.71	40.9301	104.8245039	104.863303	2.484539	104.860607	
2010	246	600	246.250000000		09/03/2010 6:00	241.03	3.4509	0.343	16.26	0.376	12.73	40.9371	104.8223866	104.861186	2.482413	104.858480	
2010	246	700	246.291666667		09/03/2010 7:00	240.81	3.4478	0.343	16.25	0.376	13.39	40.9443	104.8201685	104.858968	2.480185	104.856252	
2010	246	800	246.333333333		09/03/2010 8:00	240.77	3.4473	0.344	16.24	0.377	13.35	40.9457	104.8197652	104.858564	2.479779	104.855847	
2010	246	900	246.375000000		09/03/2010 9:00	240.07	3.4374	0.343	16.25	0.376	13.31	40.9688	104.8127076	104.851507	2.472690	104.848758	
2010	246	1000	246.416666667		09/03/2010 10:00	239.65	3.4315	0.343	16.24	0.376	13.28	40.9827	104.808473	104.847272	2.468436	104.844504	
2010	246	1100	246.458333333		09/03/2010 11:00	239.47	3.4290	0.343	16.26	0.376	13.25	40.9887	104.8066582	104.845457	2.466613	104.842681	
2010	246	1200	246.500000000		09/03/2010 12:00	239.25	3.4259	0.343	16.26	0.376	13.23	40.9959	104.8044401	104.843239	2.464385	104.840453	
2010	246	1300	246.541666667		09/03/2010 13:00	239.5	3.4294	0.343	16.24	0.376	13.2	40.9877	104.8069607	104.845760	2.466917	104.842985	
2010	246	1400	246.583333333		09/03/2010 14:00	238.95	3.4216	0.343	16.26	0.376	13.18	41.0059	104.8014154	104.840215	2.461347	104.837415	
2010	246	1500	246.625000000		09/03/2010 15:00	239.18	3.4249	0.344	16.25	0.377	13.18	40.9982	104.8037343	104.842534	2.463676	104.839744	
2010	246	1600	246.666666667		09/03/2010 16:00	239.3	3.4266	0.343	16.26	0.376	13.2	40.9943	104.8049442	104.843743	2.464892	104.840959	
2010	246	1700	246.708333333		09/03/2010 17:00	239.18	3.4249	0.344	16.26	0.377	13.22	40.9982	104.8037343	104.842534	2.463676	104.839744	
2010	246	1800	246.750000000		09/03/2010 18:00	239.14	3.4243	0.343	16.26	0.376	13.21	40.9996	104.803331	104.842130	2.463271	104.839339	
2010	246	1900	246.791666667		09/03/2010 19:00	239.42	3.4283	0.344	16.25	0.376	13.11	40.9903	104.8061541	104.844953	2.466107	104.842175	
2010	246	2000	246.833333333		09/03/2010 20:00	239.49	3.4292	0.344	16.26	0.377	13.05	40.9880	104.8068598	104.845659	2.466816	104.842884	
2010	246	2100	246.875000000		09/03/2010 21:00	239.74	3.4328	0.344	16.26	0.377	12.99	40.9797	104.8093804	104.848180	2.469348	104.845416	
2010	246	2200	246.916666667		09/03/2010 22:00	240.03	3.4368	0.344	16.25	0.377	12.95	40.9701	104.8123043	104.851104	2.472285	104.848353	
2010	246	2300	246.958333333		09/03/2010 23:00	240.54	3.4440	0.344	16.25	0.377	12.91	40.9533	104.8174463	104.856245	2.477450	104.853518	
2010	246	2400	247.000000000		09/04/2010 0:00	240.93	3.4495	0.344	16.28	0.377	12.88	40.9404	104.8213784	104.860178	2.481400	104.857468	
2010	247	100	247.041666667		09/04/2010 1:00	241.12	3.4522	0.344	16.27	0.377	12.85	40.9341	104.823294	104.862093	2.483324	104.859392	
2010	247	200	247.083333333		09/04/2010 2:00	241.18	3.4530	0.344	16.26	0.377	12.81	40.9321	104.823899	104.862698	2.483932	104.859999	
2010	247	300	247.125000000		09/04/2010 3:00	241.08	3.4516	0.344	16.28	0.377	12.78	40.9354	104.8228907	104.861690	2.482919	104.858987	
2010	247	400	247.166666667		09/04/2010 4:00	240.95	3.4498	0.345	16.26	0.378	12.75	40.9397	104.82158	104.860379	2.481602	104.857670	
2010	247	500	247.208333333		09/04/2010 5:00	240.86	3.4485	0.345	16.26	0.378	12.72	40.9427	104.8206726	104.859472	2.480691	104.856759	
2010	247	600	247.250000000		09/04/2010 6:00	240.69	3.4461	0.345	16.25	0.378	12.71	40.9483	104.8189586	104.857758	2.478969	104.855037	
2010	247	700	247.291666667		09/04/2010 7:00	240.45	3.4428	0.345	16.27	0.378	13.35	40.9562	104.8165389	104.855338	2.476539	104.852606	
2010	247	800	247.333333333		09/04/2010 8:00	240.57	3.4444	0.345	16.25	0.379	13.3	40.9523	104.8177488	104.856548	2.477754	104.853822	
2010	247	900	247.375000000		09/04/2010 9:00	240.22	3.4395	0.345	16.27	0.378	13.26	40.9638	104.8142199	104.853019	2.474209	104.850277	
2010	247	1000	247.416666667		09/04/2010 10:00	239.74	3.4328	0.345	16.26	0.378	13.23	40.9797	104.8093804	104.848180	2.469348	104.845416	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	247	1100	247.458333333		09/04/2010 11:00	239.67	3.4318	0.346	16.27	0.379	13.22	40.9820	104.8086747	104.847474	2.468639	104.844707	
2010	247	1200	247.500000000		09/04/2010 12:00	239.87	3.4346	0.345	16.26	0.378	13.2	40.9754	104.8106911	104.849490	2.470665	104.846732	
2010	247	1300	247.541666667		09/04/2010 13:00	239.39	3.4278	0.345	16.26	0.378	13.2	40.9913	104.8058516	104.844651	2.465803	104.841871	
2010	247	1400	247.583333333		09/04/2010 14:00	239.03	3.4228	0.345	16.26	0.378	13.2	41.0032	104.802222	104.841021	2.462157	104.838225	
2010	247	1500	247.625000000		09/04/2010 15:00	238.94	3.4215	0.345	16.25	0.378	13.18	41.0062	104.8013146	104.840114	2.461246	104.837314	
2010	247	1600	247.666666667		09/04/2010 16:00	238.97	3.4219	0.345	16.27	0.378	13.18	41.0052	104.801617	104.840416	2.461550	104.837617	
2010	247	1700	247.708333333		09/04/2010 17:00	238.51	3.4154	0.346	16.26	0.379	13.22	41.0204	104.7969792	104.835778	2.456891	104.832959	
2010	247	1800	247.750000000		09/04/2010 18:00	238.56	3.4161	0.346	16.26	0.379	13.22	41.0188	104.7974833	104.836282	2.457397	104.833465	
2010	247	1900	247.791666667		09/04/2010 19:00	238.05	3.4090	0.345	16.28	0.378	13.11	41.0356	104.7923413	104.831140	2.452232	104.828300	
2010	247	2000	247.833333333		09/04/2010 20:00	237.74	3.4046	0.345	16.26	0.379	13.05	41.0459	104.7892158	104.828015	2.449093	104.825160	
2010	247	2100	247.875000000		09/04/2010 21:00	237.46	3.4007	0.346	16.27	0.379	13	41.0551	104.7863927	104.825192	2.446257	104.822325	
2010	247	2200	247.916666667		09/04/2010 22:00	237.16	3.3964	0.346	16.27	0.379	12.96	41.0651	104.783368	104.822167	2.443219	104.819286	
2010	247	2300	247.958333333		09/04/2010 23:00	237.07	3.3952	0.346	16.27	0.379	12.92	41.0680	104.7824606	104.821260	2.442307	104.818375	
2010	247	2400	248.000000000		09/05/2010 0:00	236.89	3.3926	0.346	16.27	0.379	12.88	41.0740	104.7806458	104.819445	2.440484	104.816552	
2010	248	100	248.041666667		09/05/2010 1:00	236.67	3.3895	0.346	16.27	0.379	12.85	41.0813	104.7784277	104.817227	2.438256	104.814324	
2010	248	200	248.083333333		09/05/2010 2:00	236.66	3.3894	0.346	16.27	0.379	12.82	41.0816	104.7783269	104.817126	2.438155	104.814222	
2010	248	300	248.125000000		09/05/2010 3:00	236.69	3.3898	0.346	16.27	0.379	12.79	41.0806	104.7786293	104.817429	2.438459	104.814526	
2010	248	400	248.166666667		09/05/2010 4:00	236.9	3.3928	0.346	16.27	0.379	12.76	41.0737	104.7807466	104.819546	2.440585	104.816653	
2010	248	500	248.208333333		09/05/2010 5:00	237.37	3.3994	0.346	16.26	0.379	12.73	41.0581	104.7854853	104.824285	2.445345	104.821413	
2010	248	600	248.250000000		09/05/2010 6:00	237.54	3.4018	0.346	16.27	0.379	12.76	41.0525	104.7871993	104.825999	2.447067	104.823135	
2010	248	700	248.291666667		09/05/2010 7:00	237.65	3.4033	0.346	16.27	0.379	13.48	41.0489	104.7883084	104.827108	2.448181	104.824249	
2010	248	800	248.333333333		09/05/2010 8:00	237.79	3.4053	0.346	16.26	0.379	13.43	41.0442	104.7897199	104.828519	2.449599	104.825667	
2010	248	900	248.375000000		09/05/2010 9:00	237.54	3.4018	0.346	16.27	0.38	13.38	41.0525	104.7871993	104.825999	2.447067	104.823135	
2010	248	1000	248.416666667		09/05/2010 10:00	237.8	3.4054	0.346	16.28	0.38	13.34	41.0439	104.7898207	104.828620	2.449700	104.825768	
2010	248	1100	248.458333333		09/05/2010 11:00	236.87	3.3924	0.346	16.27	0.38	13.31	41.0747	104.7804441	104.819243	2.440282	104.816349	
2010	248	1200	248.500000000		09/05/2010 12:00	237.05	3.3949	0.347	16.27	0.38	13.31	41.0687	104.782259	104.821058	2.442105	104.818172	
2010	248	1300	248.541666667		09/05/2010 13:00	237.24	3.3976	0.347	16.26	0.38	13.29	41.0624	104.7841746	104.822974	2.444029	104.820097	
2010	248	1400	248.583333333		09/05/2010 14:00	236.87	3.3924	0.347	16.26	0.38	13.29	41.0747	104.7804441	104.819243	2.440282	104.816349	
2010	248	1500	248.625000000		09/05/2010 15:00	235.56	3.3739	0.347	16.26	0.38	13.28	41.1180	104.7672363	104.806036	2.427014	104.803082	
2010	248	1600	248.666666667		09/05/2010 16:00	236.42	3.3860	0.347	16.27	0.38	13.26	41.0895	104.7759071	104.814706	2.435724	104.811792	
2010	248	1700	248.708333333		09/05/2010 17:00	236.04	3.3807	0.347	16.27	0.381	13.29	41.1021	104.7720758	104.810875	2.431876	104.807943	
2010	248	1800	248.750000000		09/05/2010 18:00	235.96	3.3795	0.347	16.27	0.381	13.23	41.1048	104.7712692	104.810068	2.431065	104.807133	
2010	248	1900	248.791666667		09/05/2010 19:00	235.45	3.3724	0.348	16.28	0.381	13.15	41.1216	104.7661272	104.804926	2.425900	104.801968	
2010	248	2000	248.833333333		09/05/2010 20:00	235.28	3.3700	0.347	16.28	0.381	13.09	41.1273	104.7644132	104.803212	2.424179	104.800246	
2010	248	2100	248.875000000		09/05/2010 21:00	235.09	3.3673	0.347	16.28	0.38	13.05	41.1335	104.7624976	104.801297	2.422254	104.798322	
2010	248	2200	248.916666667		09/05/2010 22:00	234.98	3.3657	0.347	16.26	0.381	13	41.1372	104.7613885	104.800188	2.421140	104.797208	
2010	248	2300	248.958333333		09/05/2010 23:00	234.72	3.3621	0.347	16.29	0.381	12.96	41.1458	104.7587671	104.797566	2.418507	104.794575	
2010	248	2400	249.000000000		09/06/2010 0:00	234.68	3.3615	0.347	16.28	0.381	12.93	41.1471	104.7583638	104.797163	2.418102	104.794170	
2010	249	100	249.041666667		09/06/2010 1:00	234.61	3.3605	0.348	16.27	0.381	12.9	41.1494	104.7576581	104.796457	2.417393	104.793461	
2010	249	200	249.083333333		09/06/2010 2:00	234.54	3.3596	0.348	16.29	0.381	12.87	41.1517	104.7569523	104.795752	2.416684	104.792752	
2010	249	300	249.125000000		09/06/2010 3:00	234.45	3.3583	0.348	16.28	0.381	12.83	41.1547	104.7560449	104.794844	2.415773	104.791840	
2010	249	400	249.166666667		09/06/2010 4:00	234.36	3.3570	0.348	16.28	0.381	12.81	41.1577	104.7551375	104.793937	2.414861	104.790929	
2010	249	500	249.208333333		09/06/2010 5:00	234.28	3.3559	0.348	16.27	0.381	12.78	41.1603	104.7543309	104.793130	2.414051	104.790119	
2010	249	600	249.250000000		09/06/2010 6:00	234.22	3.3550	0.348	16.28	0.381	12.75	41.1623	104.753726	104.792525	2.413443	104.789511	
2010	249	700	249.291666667		09/06/2010 7:00	234.2	3.3548	0.348	16.27	0.381	13.49	41.1630	104.7535243	104.792324	2.413241	104.789308	
2010	249	800	249.333333333		09/06/2010 8:00	234.15	3.3541	0.348	16.29	0.381	13.46	41.1646	104.7530202	104.791819	2.412734	104.788802	
2010	249	900	249.375000000		09/06/2010 9:00	233.74	3.3483	0.348	16.28	0.381	13.43	41.1782	104.7488865	104.787686	2.408582	104.784650	
2010	249	1000	249.416666667		09/06/2010 10:00	233.64	3.3469	0.348	16.29	0.382	13.39	41.1815	104.7478782	104.786677	2.407569	104.783637	
2010	249	1100	249.458333333		09/06/2010 11:00	233.8	3.3491	0.348	16.27	0.381	13.35	41.1762	104.7494914	104.788291	2.409190	104.785257	
2010	249	1200	249.500000000		09/06/2010 12:00	233.91	3.3507	0.348	16.27	0.381	13.32	41.1726	104.7506005	104.789400	2.410304	104.786371	
2010	249	1300	249.541666667		09/06/2010 13:00	233.64	3.3469	0.348	16.27	0.382	13.3	41.1815	104.7478782	104.786677	2.407569	104.783637	
2010	249	1400	249.583333333		09/06/2010 14:00	233.57	3.3459	0.348	16.26	0.382	13.28	41.1838	104.7471725	104.785972	2.406860	104.782928	
2010	249	1500	249.625000000		09/06/2010 15:00	233.44	3.3441	0.348	16.27	0.381	13.26	41.1881	104.7458618	104.784661	2.405544	104.781611	
2010	249	1600	249.666666667		09/06/2010 16:00	233.45	3.3442	0.348	16.27	0.381	13.26	41.1878	104.7459626	104.784762	2.405645	104.781713	
2010	249	1700	249.708333333		09/06/2010 17:00	233.59	3.3462	0.348	16.27	0.382	13.27	41.1832	104.7473741	104.786173	2.407063	104.783131	
2010	249	1800	249.750000000		09/06/2010 18:00	233.83	3.3496	0.348	16.26	0.382	13.24	41.1752	104.7497939	104.788593	2.409494	104.785561	
2010	249	1900	249.791666667		09/06/2010 19:00	233.67	3.3473	0.349	16.28	0.382	13.17	41.1805	104.7481807	104.786980	2.407873	104.783941	
2010	249	2000	249.833333333		09/06/2010 20:00	233.67	3.3473	0.349	16.28	0.382	13.11	41.1805	104.7481807	104.786980	2.407873	104.783941	
2010	249	2100	249.875000000		09/06/2010 21:00	233.69	3.3476	0.349	16.28	0.382	13.05	41.1798	104.7483823	104.787182	2.408076	104.784143	
2010	249	2200	249.916666667		09/06/2010 22:00	233.61	3.3465	0.349	16.28	0.382	13.02	41.1825	104.7475758	104.786375	2.407265	104.783333	
2010	249	2300	249.958333333		09/06/2010 23:00	233.59	3.3462	0.349	16.28	0.382	12.98	41.1832	104.7473741	104.786173	2.407063	104.783131	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	2400	250.000000000		09/07/2010 0:00	233.51	3.3451	0.349	16.27	0.383	12.94	41.1858	104.7465675	104.785367	2.406253	104.782320	
2010	250	100	250.041666667		09/07/2010 1:00	233.56	3.3458	0.349	16.27	0.383	12.9	41.1841	104.7470716	104.785871	2.406759	104.782827	
2010	250	200	250.083333333		09/07/2010 2:00	233.5	3.3449	0.35	16.26	0.383	12.87	41.1861	104.7464667	104.785266	2.406151	104.782219	
2010	250	300	250.125000000		09/07/2010 3:00	233.76	3.3486	0.35	16.28	0.383	12.85	41.1775	104.7490881	104.787887	2.408785	104.784852	
2010	250	400	250.166666667		09/07/2010 4:00	234.34	3.3567	0.35	16.28	0.384	12.81	41.1583	104.7549359	104.793735	2.414659	104.790726	
2010	250	500	250.208333333		09/07/2010 5:00	235.15	3.3681	0.35	16.28	0.384	12.79	41.1316	104.7631025	104.801902	2.422862	104.798930	
2010	250	600	250.250000000		09/07/2010 6:00	235.8	3.3773	0.35	16.26	0.384	12.77	41.1101	104.7696561	104.808455	2.429445	104.805513	
2010	250	700	250.291666667		09/07/2010 7:00	236.25	3.3836	0.35	16.27	0.383	13.04	41.0952	104.7741931	104.812992	2.434002	104.810070	
2010	250	800	250.333333333		09/07/2010 8:00	236.41	3.3859	0.35	16.27	0.384	13.45	41.0899	104.7758063	104.814605	2.435623	104.811691	
2010	250	900	250.375000000		09/07/2010 9:00	236.37	3.3853	0.35	16.29	0.383	13.44	41.0912	104.775403	104.814202	2.435218	104.811285	
2010	250	1000	250.416666667		09/07/2010 10:00	236.29	3.3842	0.35	16.28	0.384	13.41	41.0938	104.7745964	104.813396	2.434408	104.810475	
2010	250	1100	250.458333333		09/07/2010 11:00	236.2	3.3829	0.35	16.27	0.384	13.4	41.0968	104.773689	104.812488	2.433496	104.809564	
2010	250	1200	250.500000000		09/07/2010 12:00	235.98	3.3798	0.35	16.28	0.383	13.4	41.1041	104.7714709	104.810270	2.431268	104.807336	
2010	250	1300	250.541666667		09/07/2010 13:00	236.19	3.3828	0.35	16.27	0.383	13.37	41.0972	104.7735882	104.812387	2.433395	104.809462	
2010	250	1400	250.583333333		09/07/2010 14:00	236.18	3.3826	0.35	16.3	0.383	13.37	41.0975	104.7734873	104.812287	2.433293	104.809361	
2010	250	1500	250.625000000		09/07/2010 15:00	236.56	3.3880	0.35	16.27	0.383	13.36	41.0849	104.7773186	104.816118	2.437142	104.813210	
2010	250	1600	250.666666667		09/07/2010 16:00	236.82	3.3917	0.35	16.28	0.383	13.36	41.0763	104.77994	104.818739	2.439775	104.815843	
2010	250	1700	250.708333333		09/07/2010 17:00	237.71	3.4042	0.35	16.28	0.384	13.36	41.0469	104.7889133	104.827713	2.448789	104.824857	
2010	250	1800	250.750000000		09/07/2010 18:00	238.76	3.4190	0.35	16.29	0.384	13.29	41.0121	104.7994997	104.838299	2.459423	104.835491	
2010	250	1900	250.791666667		09/07/2010 19:00	239.96	3.4359	0.35	16.26	0.384	13.21	40.9724	104.8115985	104.850398	2.471576	104.847644	
2010	250	2000	250.833333333		09/07/2010 20:00	241.12	3.4522	0.35	16.28	0.383	13.15	40.9341	104.823294	104.862093	2.483324	104.859392	
2010	250	2100	250.875000000		09/07/2010 21:00	242.08	3.4657	0.35	16.26	0.383	13.11	40.9023	104.8329731	104.871772	2.493047	104.869114	
2010	250	2200	250.916666667		09/07/2010 22:00	242.76	3.4753	0.35	16.25	0.384	13.06	40.8798	104.8398291	104.878628	2.499933	104.876001	
2010	250	2300	250.958333333		09/07/2010 23:00	243.26	3.4823	0.353	16.27	0.387	13.02	40.8633	104.8448702	104.883669	2.504997	104.881065	
2010	250	2400	251.000000000		09/08/2010 0:00	243.42	3.4846	0.355	16.28	0.389	12.98	40.8580	104.8464834	104.885283	2.506618	104.882685	
2010	251	100	251.041666667		09/08/2010 1:00	243.45	3.4850	0.356	16.28	0.39	12.95	40.8570	104.8467859	104.885585	2.506922	104.882989	
2010	251	200	251.083333333		09/08/2010 2:00	243.52	3.4860	0.356	16.28	0.39	12.92	40.8547	104.8474916	104.886291	2.507630	104.883698	
2010	251	300	251.125000000		09/08/2010 3:00	243.71	3.4887	0.356	16.28	0.39	12.89	40.8484	104.8494073	104.888206	2.509555	104.885622	
2010	251	400	251.166666667		09/08/2010 4:00	244.03	3.4932	0.356	16.27	0.39	12.86	40.8378	104.8526336	104.891433	2.512796	104.888863	
2010	251	500	251.208333333		09/08/2010 5:00	244.38	3.4981	0.356	16.26	0.39	12.83	40.8262	104.8561624	104.894962	2.516340	104.892408	
2010	251	600	251.250000000		09/08/2010 6:00	244.68	3.5023	0.356	16.27	0.39	12.8	40.8163	104.8591871	104.897986	2.519379	104.895446	
2010	251	700	251.291666667		09/08/2010 7:00	244.87	3.5050	0.357	16.29	0.391	13.43	40.8100	104.8611028	104.899902	2.521303	104.897371	
2010	251	800	251.333333333		09/08/2010 8:00	244.95	3.5061	0.357	16.3	0.391	13.43	40.8074	104.8619094	104.900709	2.522113	104.898181	
2010	251	900	251.375000000		09/08/2010 9:00	245.23	3.5101	0.357	16.29	0.391	13.4	40.7981	104.8647324	104.903532	2.524949	104.901016	
2010	251	1000	251.416666667		09/08/2010 10:00	244.5	3.4998	0.363	16.3	0.398	13.37	40.8223	104.8573723	104.896172	2.517556	104.893623	
2010	251	1100	251.458333333		09/08/2010 11:00	244.02	3.4930	0.362	16.3	0.397	13.35	40.8381	104.8525328	104.891332	2.512694	104.888762	
2010	251	1200	251.500000000		09/08/2010 12:00	244.66	3.5020	0.363	16.3	0.397	13.34	40.8170	104.8589855	104.897785	2.519176	104.895244	
2010	251	1300	251.541666667		09/08/2010 13:00	245	3.5068	0.362	16.3	0.397	13.3	40.8057	104.8624135	104.901213	2.522619	104.898687	
2010	251	1400	251.583333333		09/08/2010 14:00	243.69	3.4884	0.362	16.3	0.397	13.34	40.8491	104.8492056	104.888005	2.509352	104.885420	
2010	251	1500	251.625000000		09/08/2010 15:00	243.43	3.4847	0.362	16.3	0.397	13.29	40.8577	104.8465842	104.885383	2.506719	104.882787	
2010	251	1600	251.666666667		09/08/2010 16:00	244.09	3.4940	0.362	16.3	0.396	13.28	40.8358	104.8532386	104.892038	2.513403	104.889471	
2010	251	1700	251.708333333		09/08/2010 17:00	243.69	3.4884	0.363	16.3	0.397	13.3	40.8491	104.8492056	104.888005	2.509352	104.885420	
2010	251	1800	251.750000000		09/08/2010 18:00	244.77	3.5036	0.363	16.3	0.397	13.26	40.8133	104.8600945	104.898894	2.520290	104.896358	
2010	251	1900	251.791666667		09/08/2010 19:00	245.77	3.5177	0.363	16.3	0.397	13.19	40.7803	104.8701769	104.908976	2.530418	104.906485	
2010	251	2000	251.833333333		09/08/2010 20:00	246.65	3.5300	0.363	16.3	0.397	13.13	40.7512	104.8790493	104.917849	2.539330	104.915398	
2010	251	2100	251.875000000		09/08/2010 21:00	247.39	3.5405	0.362	16.3	0.397	13.07	40.7267	104.8865102	104.925309	2.546824	104.922892	
2010	251	2200	251.916666667		09/08/2010 22:00	247.98	3.5488	0.363	16.3	0.397	13.03	40.7072	104.8924588	104.931258	2.552800	104.928868	
2010	251	2300	251.958333333		09/08/2010 23:00	248.25	3.5526	0.363	16.29	0.397	13	40.6982	104.895181	104.933980	2.555534	104.931602	
2010	251	2400	252.000000000		09/09/2010 0:00	248.4	3.5547	0.363	16.3	0.398	12.96	40.6933	104.8966934	104.935493	2.557053	104.933121	
2010	252	100	252.041666667		09/09/2010 1:00	248.29	3.5531	0.363	16.27	0.398	12.92	40.6969	104.8955843	104.934384	2.555939	104.932007	
2010	252	200	252.083333333		09/09/2010 2:00	248.11	3.5506	0.364	16.31	0.398	12.89	40.7029	104.8937695	104.932569	2.554116	104.930184	
2010	252	300	252.125000000		09/09/2010 3:00	248.02	3.5493	0.364	16.29	0.398	12.86	40.7058	104.8928621	104.931661	2.553205	104.929273	
2010	252	400	252.166666667		09/09/2010 4:00	247.97	3.5486	0.364	16.29	0.399	12.82	40.7075	104.892358	104.931157	2.552699	104.928766	
2010	252	500	252.208333333		09/09/2010 5:00	247.97	3.5486	0.364	16.29	0.399	12.81	40.7075	104.892358	104.931157	2.552699	104.928766	
2010	252	600	252.250000000		09/09/2010 6:00	247.9	3.5476	0.365	16.31	0.4	12.77	40.7098	104.8916522	104.930451	2.551990	104.928057	
2010	252	700	252.291666667		09/09/2010 7:00	247.75	3.5455	0.365	16.29	0.4	12.84	40.7148	104.8901399	104.928939	2.550470	104.926538	
2010	252	800	252.333333333		09/09/2010 8:00	247.65	3.5441	0.365	16.3	0.399	13.44	40.7181	104.8891316	104.927931	2.549458	104.925525	
2010	252	900	252.375000000		09/09/2010 9:00	246.98	3.5347	0.365	16.3	0.4	13.39	40.7402	104.8823765	104.921176	2.542672	104.918740	
2010	252	1000	252.416666667		09/09/2010 10:00	246.85	3.5329	0.365	16.3	0.4	13.38	40.7445	104.8810658	104.919865	2.541356	104.917423	
2010	252	1100	252.458333333		09/09/2010 11:00	246.35	3.5258	0.365	16.29	0.4	13.34	40.7611	104.8760246	104.914824	2.536292	104.912359	
2010	252	1200	252.500000000		09/09/2010 12:00	246.07	3.5219	0.365	16.29	0.4	13.31	40.7703	104.8732016	104.912001	2.533456	104.909524	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	252	1300	252.541666667		09/09/2010 13:00	245.32	3.5113	0.365	16.29	0.4	13.28	40.7951	104.8656398	104.904439	2.525860	104.901928	
2010	252	1400	252.583333333		09/09/2010 14:00	244.8	3.5040	0.365	16.3	0.4	13.29	40.8123	104.860397	104.899196	2.520594	104.896662	
2010	252	1500	252.625000000		09/09/2010 15:00	244.14	3.4947	0.365	16.3	0.4	13.28	40.8342	104.8537427	104.892542	2.513910	104.889977	
2010	252	1600	252.666666667		09/09/2010 16:00	243.4	3.4843	0.365	16.3	0.4	13.28	40.8587	104.8462817	104.885081	2.506415	104.882483	
2010	252	1700	252.708333333		09/09/2010 17:00	243.15	3.4808	0.365	16.29	0.4	13.29	40.8669	104.8437612	104.882560	2.503883	104.879951	
2010	252	1800	252.750000000		09/09/2010 18:00	242.65	3.4737	0.365	16.29	0.4	13.24	40.8835	104.83872	104.877519	2.498819	104.874887	
2010	252	1900	252.791666667		09/09/2010 19:00	242.32	3.4691	0.365	16.3	0.399	13.16	40.8944	104.8353928	104.874192	2.495477	104.871545	
2010	252	2000	252.833333333		09/09/2010 20:00	241.99	3.4644	0.365	16.3	0.399	13.1	40.9053	104.8320657	104.870865	2.492135	104.868203	
2010	252	2100	252.875000000		09/09/2010 21:00	241.57	3.4585	0.365	16.32	0.399	13.05	40.9192	104.8278311	104.866630	2.487882	104.863949	
2010	252	2200	252.916666667		09/09/2010 22:00	241.16	3.4528	0.365	16.3	0.399	13.01	40.9328	104.8236973	104.862497	2.483729	104.859797	
2010	252	2300	252.958333333		09/09/2010 23:00	240.87	3.4487	0.365	16.31	0.399	12.98	40.9423	104.8207735	104.859573	2.480792	104.856860	
2010	252	2400	253.000000000		09/10/2010 0:00	240.45	3.4428	0.365	16.31	0.399	12.94	40.9562	104.8165389	104.855338	2.476539	104.852606	
2010	253	100	253.041666667		09/10/2010 1:00	239.99	3.4363	0.365	16.31	0.399	12.9	40.9715	104.811901	104.850700	2.471880	104.847948	
2010	253	200	253.083333333		09/10/2010 2:00	239.53	3.4298	0.365	16.31	0.399	12.87	40.9867	104.8072631	104.846062	2.467221	104.843289	
2010	253	300	253.125000000		09/10/2010 3:00	239.11	3.4239	0.364	16.3	0.399	12.84	41.0006	104.8030286	104.841828	2.462968	104.839035	
2010	253	400	253.166666667		09/10/2010 4:00	238.63	3.4171	0.364	16.31	0.399	12.81	41.0164	104.798189	104.836988	2.458106	104.834174	
2010	253	500	253.208333333		09/10/2010 5:00	238.2	3.4111	0.364	16.3	0.399	12.78	41.0307	104.7938536	104.832653	2.453751	104.829819	
2010	253	600	253.250000000		09/10/2010 6:00	237.69	3.4039	0.364	16.31	0.399	12.79	41.0475	104.7887117	104.827511	2.448586	104.824654	
2010	253	700	253.291666667		09/10/2010 7:00	237.28	3.3981	0.364	16.33	0.399	13.47	41.0611	104.7845779	104.823377	2.444434	104.820502	
2010	253	800	253.333333333		09/10/2010 8:00	236.9	3.3928	0.364	16.31	0.399	13.43	41.0737	104.7807466	104.819546	2.440585	104.816653	
2010	253	900	253.375000000		09/10/2010 9:00	236.21	3.3831	0.364	16.31	0.399	13.39	41.0965	104.7737898	104.812589	2.433597	104.809665	
2010	253	1000	253.416666667		09/10/2010 10:00	235.82	3.3776	0.364	16.32	0.398	13.36	41.1094	104.7698577	104.808657	2.429648	104.805715	
2010	253	1100	253.458333333		09/10/2010 11:00	235.04	3.3666	0.363	16.31	0.398	13.33	41.1352	104.7619935	104.800793	2.421748	104.797816	
2010	253	1200	253.500000000		09/10/2010 12:00	235.43	3.3721	0.363	16.3	0.397	13.31	41.1223	104.7659256	104.804725	2.425698	104.801765	
2010	253	1300	253.541666667		09/10/2010 13:00	234.78	3.3629	0.361	16.3	0.395	13.3	41.1438	104.7593721	104.798171	2.419115	104.795182	
2010	253	1400	253.583333333		09/10/2010 14:00	234.34	3.3567	0.36	16.29	0.394	13.28	41.1583	104.7549359	104.793735	2.414659	104.790726	
2010	253	1500	253.625000000		09/10/2010 15:00	233.71	3.3479	0.36	16.31	0.394	13.26	41.1792	104.748584	104.787383	2.408278	104.784346	
2010	253	1600	253.666666667		09/10/2010 16:00	233.66	3.3472	0.36	16.31	0.394	13.26	41.1808	104.7480799	104.786879	2.407772	104.783840	
2010	253	1700	253.708333333		09/10/2010 17:00	233.48	3.3446	0.36	16.3	0.394	13.26	41.1868	104.7462651	104.785064	2.405949	104.782017	
2010	253	1800	253.750000000		09/10/2010 18:00	233.3	3.3421	0.36	16.3	0.394	13.23	41.1927	104.7444502	104.783249	2.404126	104.780194	
2010	253	1900	253.791666667		09/10/2010 19:00	232.94	3.3370	0.36	16.3	0.394	13.14	41.2047	104.7408206	104.779620	2.400480	104.776548	
2010	253	2000	253.833333333		09/10/2010 20:00	232.58	3.3320	0.36	16.31	0.394	13.09	41.2166	104.737191	104.775990	2.396834	104.772902	
2010	253	2100	253.875000000		09/10/2010 21:00	232.35	3.3287	0.36	16.32	0.394	13.04	41.2242	104.734872	104.773671	2.394505	104.770572	
2010	253	2200	253.916666667		09/10/2010 22:00	232.09	3.3251	0.36	16.32	0.394	13	41.2328	104.7322506	104.771050	2.391871	104.767939	
2010	253	2300	253.958333333		09/10/2010 23:00	231.9	3.3224	0.36	16.32	0.394	12.96	41.2391	104.730335	104.769134	2.389947	104.766015	
2010	253	2400	254.000000000		09/11/2010 0:00	231.74	3.3201	0.36	16.32	0.394	12.92	41.2444	104.7287218	104.767521	2.388327	104.764394	
2010	254	100	254.041666667		09/11/2010 1:00	231.58	3.3179	0.36	16.31	0.394	12.89	41.2496	104.7271086	104.765908	2.386706	104.762774	
2010	254	200	254.083333333		09/11/2010 2:00	231.43	3.3158	0.36	16.33	0.394	12.86	41.2546	104.7255963	104.764395	2.385187	104.761255	
2010	254	300	254.125000000		09/11/2010 3:00	231.31	3.3141	0.36	16.31	0.394	12.82	41.2586	104.7243864	104.763186	2.383972	104.760040	
2010	254	400	254.166666667		09/11/2010 4:00	231.16	3.3120	0.36	16.33	0.394	12.79	41.2635	104.7228741	104.761673	2.382453	104.758520	
2010	254	500	254.208333333		09/11/2010 5:00	231	3.3097	0.36	16.31	0.394	12.76	41.2688	104.7212609	104.760060	2.380832	104.756900	
2010	254	600	254.250000000		09/11/2010 6:00	230.72	3.3058	0.36	16.33	0.394	12.77	41.2781	104.7184378	104.757237	2.377997	104.754064	
2010	254	700	254.291666667		09/11/2010 7:00	230.71	3.3056	0.36	16.31	0.394	13.49	41.2784	104.718337	104.757136	2.377895	104.753963	
2010	254	800	254.333333333		09/11/2010 8:00	230.55	3.3034	0.359	16.32	0.394	13.44	41.2837	104.7167238	104.755523	2.376275	104.752343	
2010	254	900	254.375000000		09/11/2010 9:00	230.12	3.2973	0.359	16.32	0.393	13.41	41.2979	104.7123884	104.751188	2.371920	104.747988	
2010	254	1000	254.416666667		09/11/2010 10:00	230.11	3.2972	0.359	16.32	0.394	13.37	41.2983	104.7122876	104.751087	2.371819	104.747886	
2010	254	1100	254.458333333		09/11/2010 11:00	229.78	3.2925	0.359	16.33	0.394	13.34	41.3092	104.7089604	104.747760	2.368477	104.744544	
2010	254	1200	254.500000000		09/11/2010 12:00	229.66	3.2908	0.359	16.31	0.393	13.32	41.3132	104.7077506	104.746550	2.367261	104.743329	
2010	254	1300	254.541666667		09/11/2010 13:00	229.66	3.2908	0.359	16.31	0.393	13.3	41.3132	104.7077506	104.746550	2.367261	104.743329	
2010	254	1400	254.583333333		09/11/2010 14:00	229.18	3.2841	0.359	16.32	0.393	13.28	41.3290	104.702911	104.741710	2.362400	104.738468	
2010	254	1500	254.625000000		09/11/2010 15:00	228.97	3.2811	0.359	16.31	0.393	13.25	41.3360	104.7007938	104.739593	2.360273	104.736341	
2010	254	1600	254.666666667		09/11/2010 16:00	229.14	3.2835	0.359	16.33	0.393	13.24	41.3304	104.7025077	104.741307	2.361995	104.738063	
2010	254	1700	254.708333333		09/11/2010 17:00	228.73	3.2778	0.359	16.34	0.393	13.25	41.3439	104.698374	104.737173	2.357842	104.733910	
2010	254	1800	254.750000000		09/11/2010 18:00	229.01	3.2817	0.359	16.31	0.393	13.22	41.3347	104.701197	104.739996	2.360678	104.736746	
2010	254	1900	254.791666667		09/11/2010 19:00	228.94	3.2807	0.359	16.32	0.393	13.15	41.3370	104.7004913	104.739290	2.359969	104.736037	
2010	254	2000	254.833333333		09/11/2010 20:00	228.88	3.2799	0.359	16.33	0.393	13.09	41.3390	104.6998863	104.738686	2.359362	104.735429	
2010	254	2100	254.875000000		09/11/2010 21:00	229.01	3.2817	0.359	16.34	0.393	13.04	41.3347	104.701197	104.739996	2.360678	104.736746	
2010	254	2200	254.916666667		09/11/2010 22:00	229.18	3.2841	0.359	16.32	0.393	13	41.3290	104.702911	104.741710	2.362400	104.738468	
2010	254	2300	254.958333333		09/11/2010 23:00	229.19	3.2842	0.359	16.32	0.393	12.96	41.3287	104.7030119	104.741811	2.362501	104.738569	
2010	254	2400	255.000000000		09/12/2010 0:00	229.34	3.2863	0.359	16.33	0.394	12.92	41.3237	104.7045242	104.743323	2.364020	104.740088	
2010	255	100	255.041666667		09/12/2010 1:00	229.42	3.2875	0.359	16.33	0.393	12.89	41.3211	104.7053308	104.744130	2.364831	104.740898	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	255	200	255.083333333		09/12/2010 2:00	229.44	3.2877	0.359	16.32	0.393	12.85	41.3204	104.7055324	104.744332	2.365033	104.741101	
2010	255	300	255.125000000		09/12/2010 3:00	229.57	3.2896	0.359	16.32	0.393	12.83	41.3161	104.7068431	104.745642	2.366350	104.742417	
2010	255	400	255.166666667		09/12/2010 4:00	229.57	3.2896	0.359	16.33	0.393	12.79	41.3161	104.7068431	104.745642	2.366350	104.742417	
2010	255	500	255.208333333		09/12/2010 5:00	229.59	3.2899	0.359	16.31	0.393	12.77	41.3155	104.7070448	104.745844	2.366552	104.742620	
2010	255	600	255.250000000		09/12/2010 6:00	229.42	3.2875	0.359	16.31	0.393	12.77	41.3211	104.7053308	104.744130	2.364831	104.740898	
2010	255	700	255.291666667		09/12/2010 7:00	229.43	3.2876	0.359	16.32	0.393	13.49	41.3208	104.7054316	104.744231	2.364932	104.741000	
2010	255	800	255.333333333		09/12/2010 8:00	229.43	3.2876	0.359	16.32	0.393	13.42	41.3208	104.7054316	104.744231	2.364932	104.741000	
2010	255	900	255.375000000		09/12/2010 9:00	229.35	3.2865	0.359	16.33	0.393	13.37	41.3234	104.704625	104.743424	2.364122	104.740189	
2010	255	1000	255.416666667		09/12/2010 10:00	229.32	3.2861	0.359	16.3	0.393	13.33	41.3244	104.7043226	104.743122	2.363818	104.739885	
2010	255	1100	255.458333333		09/12/2010 11:00	229.45	3.2879	0.359	16.31	0.393	13.29	41.3201	104.7056333	104.744432	2.365134	104.741202	
2010	255	1200	255.500000000		09/12/2010 12:00	229.6	3.2900	0.359	16.3	0.393	13.26	41.3151	104.7071456	104.745945	2.366654	104.742721	
2010	255	1300	255.541666667		09/12/2010 13:00	229.68	3.2911	0.359	16.33	0.393	13.23	41.3125	104.7079522	104.746751	2.367464	104.743531	
2010	255	1400	255.583333333		09/12/2010 14:00	229.41	3.2873	0.359	16.31	0.393	13.2	41.3214	104.70523	104.744029	2.364729	104.740797	
2010	255	1500	255.625000000		09/12/2010 15:00	229.23	3.2848	0.359	16.3	0.393	13.18	41.3274	104.7034152	104.742214	2.362906	104.738974	
2010	255	1600	255.666666667		09/12/2010 16:00	229.23	3.2848	0.359	16.32	0.393	13.18	41.3274	104.7034152	104.742214	2.362906	104.738974	
2010	255	1700	255.708333333		09/12/2010 17:00	229.48	3.2883	0.359	16.31	0.393	13.17	41.3191	104.7059357	104.744735	2.365438	104.741506	
2010	255	1800	255.750000000		09/12/2010 18:00	229.71	3.2916	0.359	16.31	0.393	13.14	41.3115	104.7082547	104.747054	2.367768	104.743835	
2010	255	1900	255.791666667		09/12/2010 19:00	229.96	3.2951	0.359	16.31	0.393	13.05	41.3032	104.7107753	104.749574	2.370299	104.746367	
2010	255	2000	255.833333333		09/12/2010 20:00	229.84	3.2934	0.359	16.3	0.393	12.99	41.3072	104.7095654	104.748365	2.369084	104.745152	
2010	255	2100	255.875000000		09/12/2010 21:00	230.01	3.2958	0.359	16.31	0.393	12.96	41.3016	104.7112794	104.750079	2.370806	104.746874	
2010	255	2200	255.916666667		09/12/2010 22:00	230.18	3.2982	0.358	16.3	0.393	12.91	41.2960	104.7129934	104.751793	2.372528	104.748595	
2010	255	2300	255.958333333		09/12/2010 23:00	230.47	3.3023	0.359	16.31	0.393	12.88	41.2864	104.7159172	104.754716	2.375465	104.751532	
2010	255	2400	256.000000000		09/13/2010 0:00	230.81	3.3070	0.358	16.3	0.393	12.85	41.2751	104.7193452	104.758144	2.378908	104.754976	
2010	256	100	256.041666667		09/13/2010 1:00	231.2	3.3125	0.358	16.31	0.392	12.81	41.2622	104.7232773	104.762077	2.382858	104.758925	
2010	256	200	256.083333333		09/13/2010 2:00	231.54	3.3173	0.358	16.3	0.392	12.78	41.2510	104.7267053	104.765505	2.386301	104.762369	
2010	256	300	256.125000000		09/13/2010 3:00	231.81	3.3211	0.358	16.29	0.392	12.75	41.2420	104.7294276	104.768227	2.389036	104.765103	
2010	256	400	256.166666667		09/13/2010 4:00	232.11	3.3253	0.357	16.3	0.391	12.72	41.2321	104.7324523	104.771251	2.392074	104.768142	
2010	256	500	256.208333333		09/13/2010 5:00	232.37	3.3290	0.357	16.29	0.391	12.68	41.2235	104.7350737	104.773873	2.394707	104.770775	
2010	256	600	256.250000000		09/13/2010 6:00	232.37	3.3290	0.357	16.31	0.391	12.68	41.2235	104.7350737	104.773873	2.394707	104.770775	
2010	256	700	256.291666667		09/13/2010 7:00	232.58	3.3320	0.357	16.3	0.391	13.43	41.2166	104.737191	104.775990	2.396834	104.772902	
2010	256	800	256.333333333		09/13/2010 8:00	232.75	3.3344	0.357	16.3	0.391	13.39	41.2109	104.738905	104.777704	2.398556	104.774623	
2010	256	900	256.375000000		09/13/2010 9:00	232.73	3.3341	0.357	16.3	0.391	13.34	41.2116	104.7387033	104.777503	2.398353	104.774421	
2010	256	1000	256.416666667		09/13/2010 10:00	232.8	3.3351	0.358	16.29	0.392	13.3	41.2093	104.7394091	104.778208	2.399062	104.775130	
2010	256	1100	256.458333333		09/13/2010 11:00	232.81	3.3352	0.359	16.29	0.393	13.27	41.2090	104.7395099	104.778309	2.399163	104.775231	
2010	256	1200	256.500000000		09/13/2010 12:00	233.02	3.3382	0.36	16.3	0.395	13.25	41.2020	104.7416272	104.780426	2.401290	104.777358	
2010	256	1300	256.541666667		09/13/2010 13:00	233.12	3.3396	0.362	16.31	0.396	13.22	41.1987	104.7426354	104.781435	2.402303	104.778371	
2010	256	1400	256.583333333		09/13/2010 14:00	232.98	3.3376	0.362	16.3	0.397	13.19	41.2033	104.7412239	104.780023	2.400885	104.776953	
2010	256	1500	256.625000000		09/13/2010 15:00	232.64	3.3328	0.362	16.29	0.397	13.18	41.2146	104.7377959	104.776595	2.397442	104.773509	
2010	256	1600	256.666666667		09/13/2010 16:00	232.7	3.3336	0.363	16.29	0.397	13.17	41.2126	104.7384008	104.777200	2.398049	104.774117	
2010	256	1700	256.708333333		09/13/2010 17:00	232.63	3.3327	0.363	16.3	0.397	13.19	41.2149	104.7376951	104.776494	2.397340	104.773408	
2010	256	1800	256.750000000		09/13/2010 18:00	232.8	3.3351	0.362	16.3	0.397	13.14	41.2093	104.7394091	104.778208	2.399062	104.775130	
2010	256	1900	256.791666667		09/13/2010 19:00	232.85	3.3358	0.363	16.3	0.397	13.06	41.2076	104.7399132	104.778712	2.399568	104.775636	
2010	256	2000	256.833333333		09/13/2010 20:00	233.02	3.3382	0.363	16.3	0.397	13.01	41.2020	104.7416272	104.780426	2.401290	104.777358	
2010	256	2100	256.875000000		09/13/2010 21:00	233.25	3.3414	0.363	16.29	0.398	12.96	41.1944	104.7439461	104.782745	2.403619	104.779687	
2010	256	2200	256.916666667		09/13/2010 22:00	233.7	3.3477	0.363	16.3	0.398	12.92	41.1795	104.7484832	104.787282	2.408177	104.784245	
2010	256	2300	256.958333333		09/13/2010 23:00	234.41	3.3577	0.363	16.3	0.398	12.89	41.1560	104.7556416	104.794441	2.415368	104.791435	
2010	256	2400	257.000000000		09/14/2010 0:00	235.3	3.3703	0.364	16.3	0.398	12.85	41.1266	104.7646149	104.803414	2.424381	104.800449	
2010	257	100	257.041666667		09/14/2010 1:00	236.23	3.3833	0.364	16.31	0.399	12.83	41.0958	104.7739915	104.812791	2.433800	104.809868	
2010	257	200	257.083333333		09/14/2010 2:00	237.17	3.3966	0.365	16.32	0.4	12.8	41.0647	104.7834688	104.822268	2.443320	104.819388	
2010	257	300	257.125000000		09/14/2010 3:00	238.02	3.4085	0.366	16.31	0.401	12.77	41.0366	104.7920388	104.830838	2.451928	104.827996	
2010	257	400	257.166666667		09/14/2010 4:00	238.67	3.4177	0.366	16.31	0.401	12.74	41.0151	104.7985923	104.837392	2.458511	104.834579	
2010	257	500	257.208333333		09/14/2010 5:00	239.08	3.4235	0.366	16.32	0.401	12.71	41.0016	104.8027261	104.841525	2.462664	104.838731	
2010	257	600	257.250000000		09/14/2010 6:00	239.28	3.4263	0.367	16.31	0.402	12.68	40.9949	104.8047426	104.843542	2.464689	104.840757	
2010	257	700	257.291666667		09/14/2010 7:00	239.48	3.4291	0.367	16.32	0.402	13.21	40.9883	104.806759	104.845558	2.466715	104.842782	
2010	257	800	257.333333333		09/14/2010 8:00	239.56	3.4302	0.367	16.32	0.402	13.45	40.9857	104.8075656	104.846365	2.467525	104.843593	
2010	257	900	257.375000000		09/14/2010 9:00	239.35	3.4273	0.367	16.32	0.402	13.39	40.9926	104.8054483	104.844248	2.465398	104.841466	
2010	257	1000	257.416666667		09/14/2010 10:00	239.36	3.4274	0.367	16.31	0.402	13.34	40.9923	104.8055491	104.844348	2.465499	104.841567	
2010	257	1100	257.458333333		09/14/2010 11:00	239.33	3.4270	0.367	16.3	0.402	13.28	40.9933	104.8052467	104.844046	2.465196	104.841263	
2010	257	1200	257.500000000		09/14/2010 12:00	239.47	3.4290	0.368	16.31	0.403	13.26	40.9887	104.8066582	104.845457	2.466613	104.842681	
2010	257	1300	257.541666667		09/14/2010 13:00	239.56	3.4302	0.368	16.32	0.403	13.22	40.9857	104.8075656	104.846365	2.467525	104.843593	
2010	257	1400	257.583333333		09/14/2010 14:00	239.41	3.4281	0.368	16.31	0.403	13.2	40.9906	104.8060533	104.844852	2.466006	104.842074	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	257	1500	257.625000000		09/14/2010 15:00	239.01	3.4225	0.368	16.31	0.403	13.17	41.0039	104.8020203	104.840820	2.461955	104.838022	
2010	257	1600	257.666666667		09/14/2010 16:00	239.66	3.4316	0.367	16.3	0.402	13.17	40.9824	104.8085738	104.847373	2.468538	104.844605	
2010	257	1700	257.708333333		09/14/2010 17:00	240.29	3.4405	0.367	16.3	0.402	13.18	40.9615	104.8149257	104.853725	2.474918	104.850986	
2010	257	1800	257.750000000		09/14/2010 18:00	241.05	3.4512	0.367	16.3	0.402	13.15	40.9364	104.8225883	104.861387	2.482615	104.858683	
2010	257	1900	257.791666667		09/14/2010 19:00	241.44	3.4567	0.367	16.3	0.401	13.07	40.9235	104.8265204	104.865320	2.486565	104.862633	
2010	257	2000	257.833333333		09/14/2010 20:00	242.02	3.4649	0.366	16.31	0.401	13.01	40.9043	104.8323681	104.871167	2.492439	104.868507	
2010	257	2100	257.875000000		09/14/2010 21:00	242.35	3.4695	0.366	16.32	0.401	12.97	40.8934	104.8356953	104.874495	2.495781	104.871849	
2010	257	2200	257.916666667		09/14/2010 22:00	242.6	3.4730	0.366	16.31	0.401	12.93	40.8851	104.8382159	104.877015	2.498313	104.874381	
2010	257	2300	257.958333333		09/14/2010 23:00	242.73	3.4749	0.366	16.31	0.401	12.89	40.8808	104.8395266	104.878326	2.499630	104.875697	
2010	257	2400	258.000000000		09/15/2010 0:00	242.75	3.4751	0.367	16.31	0.401	12.85	40.8802	104.8397282	104.878527	2.499832	104.875900	
2010	258	100	258.041666667		09/15/2010 1:00	242.54	3.4722	0.367	16.31	0.402	12.82	40.8871	104.8376109	104.876410	2.497705	104.873773	
2010	258	200	258.083333333		09/15/2010 2:00	242.4	3.4702	0.367	16.31	0.402	12.79	40.8917	104.8361994	104.874999	2.496288	104.872355	
2010	258	300	258.125000000		09/15/2010 3:00	242.56	3.4725	0.367	16.31	0.402	12.75	40.8864	104.8378126	104.876612	2.497908	104.873976	
2010	258	400	258.166666667		09/15/2010 4:00	242.78	3.4756	0.367	16.32	0.402	12.73	40.8792	104.8400307	104.878830	2.500136	104.876204	
2010	258	500	258.208333333		09/15/2010 5:00	242.95	3.4780	0.367	16.31	0.402	12.7	40.8735	104.8417447	104.880544	2.501858	104.877925	
2010	258	600	258.250000000		09/15/2010 6:00	243.28	3.4826	0.367	16.31	0.402	12.68	40.8626	104.8450719	104.883871	2.505200	104.881268	
2010	258	700	258.291666667		09/15/2010 7:00	243.41	3.4844	0.367	16.31	0.402	13.49	40.8583	104.8463826	104.885182	2.506516	104.882584	
2010	258	800	258.333333333		09/15/2010 8:00	243.68	3.4882	0.367	16.31	0.402	13.39	40.8494	104.8491048	104.887904	2.509251	104.885319	
2010	258	900	258.375000000		09/15/2010 9:00	244.02	3.4930	0.367	16.32	0.402	13.35	40.8381	104.8525328	104.891332	2.512694	104.888762	
2010	258	1000	258.416666667		09/15/2010 10:00	244.07	3.4937	0.367	16.31	0.402	13.31	40.8365	104.8530369	104.891836	2.513201	104.889268	
2010	258	1100	258.458333333		09/15/2010 11:00	244.26	3.4964	0.368	16.31	0.403	13.28	40.8302	104.8549525	104.893752	2.515125	104.891193	
2010	258	1200	258.500000000		09/15/2010 12:00	244.23	3.4960	0.368	16.31	0.403	13.27	40.8312	104.8546501	104.893449	2.514821	104.890889	
2010	258	1300	258.541666667		09/15/2010 13:00	244.4	3.4984	0.368	16.3	0.403	13.25	40.8256	104.8563641	104.895163	2.516543	104.892611	
2010	258	1400	258.583333333		09/15/2010 14:00	244.04	3.4933	0.368	16.3	0.403	13.22	40.8375	104.8527344	104.891534	2.512897	104.888965	
2010	258	1500	258.625000000		09/15/2010 15:00	244.15	3.4949	0.368	16.31	0.403	13.19	40.8338	104.8538435	104.892643	2.514011	104.890079	
2010	258	1600	258.666666667		09/15/2010 16:00	244.38	3.4981	0.368	16.3	0.403	13.22	40.8262	104.8561624	104.894962	2.516340	104.892408	
2010	258	1700	258.708333333		09/15/2010 17:00	244.53	3.5002	0.368	16.31	0.403	13.24	40.8213	104.8576748	104.896474	2.517859	104.893927	
2010	258	1800	258.750000000		09/15/2010 18:00	245.02	3.5071	0.368	16.32	0.403	13.13	40.8051	104.8626151	104.901414	2.522822	104.898890	
2010	258	1900	258.791666667		09/15/2010 19:00	245.56	3.5147	0.368	16.32	0.403	13.06	40.7872	104.8680596	104.906859	2.528291	104.904359	
2010	258	2000	258.833333333		09/15/2010 20:00	246.05	3.5216	0.368	16.32	0.403	13.01	40.7710	104.8729999	104.911799	2.533253	104.909321	
2010	258	2100	258.875000000		09/15/2010 21:00	246.33	3.5255	0.368	16.32	0.403	12.96	40.7617	104.875823	104.914622	2.536089	104.912157	
2010	258	2200	258.916666667		09/15/2010 22:00	246.39	3.5264	0.368	16.33	0.403	12.92	40.7598	104.8764279	104.915227	2.536697	104.912765	
2010	258	2300	258.958333333		09/15/2010 23:00	246.21	3.5239	0.368	16.31	0.403	12.89	40.7657	104.8746131	104.913412	2.534874	104.910942	
2010	258	2400	259.000000000		09/16/2010 0:00	246.01	3.5210	0.369	16.33	0.404	12.85	40.7723	104.8725966	104.911396	2.532848	104.908916	
2010	259	100	259.041666667		09/16/2010 1:00	245.67	3.5163	0.369	16.32	0.404	12.81	40.7836	104.8691686	104.907968	2.529405	104.905473	
2010	259	200	259.083333333		09/16/2010 2:00	245.11	3.5084	0.369	16.33	0.404	12.79	40.8021	104.8635225	104.902322	2.523733	104.899801	
2010	259	300	259.125000000		09/16/2010 3:00	244.59	3.5010	0.369	16.32	0.404	12.76	40.8193	104.8582797	104.897079	2.518467	104.894535	
2010	259	400	259.166666667		09/16/2010 4:00	243.89	3.4912	0.369	16.32	0.404	12.73	40.8424	104.8512221	104.890021	2.511378	104.887445	
2010	259	500	259.208333333		09/16/2010 5:00	243.23	3.4819	0.369	16.32	0.404	12.7	40.8643	104.8445678	104.883367	2.504693	104.880761	
2010	259	600	259.250000000		09/16/2010 6:00	242.63	3.4735	0.369	16.32	0.404	12.68	40.8841	104.8385184	104.877318	2.498617	104.874685	
2010	259	700	259.291666667		09/16/2010 7:00	241.89	3.4630	0.369	16.33	0.404	12.88	40.9086	104.8310574	104.869857	2.491122	104.867190	
2010	259	800	259.333333333		09/16/2010 8:00	241.18	3.4530	0.369	16.31	0.404	13.37	40.9321	104.823899	104.862698	2.483932	104.859999	
2010	259	900	259.375000000		09/16/2010 9:00	240.59	3.4447	0.369	16.33	0.404	13.35	40.9516	104.8179504	104.856750	2.477956	104.854024	
2010	259	1000	259.416666667		09/16/2010 10:00	240.19	3.4391	0.369	16.32	0.404	13.32	40.9648	104.8139175	104.852717	2.473905	104.849973	
2010	259	1100	259.458333333		09/16/2010 11:00	239.52	3.4297	0.369	16.31	0.404	13.28	40.9870	104.8071623	104.845962	2.467120	104.843188	
2010	259	1200	259.500000000		09/16/2010 12:00	240.59	3.4447	0.369	16.31	0.404	13.24	40.9516	104.8179504	104.856750	2.477956	104.854024	
2010	259	1300	259.541666667		09/16/2010 13:00	239.01	3.4225	0.369	16.34	0.404	13.22	41.0039	104.8020203	104.840820	2.461955	104.838022	
2010	259	1400	259.583333333		09/16/2010 14:00	239.18	3.4249	0.369	16.33	0.404	13.2	40.9982	104.8037343	104.842534	2.463676	104.839744	
2010	259	1500	259.625000000		09/16/2010 15:00	238.74	3.4187	0.369	16.32	0.404	13.19	41.0128	104.7992981	104.838097	2.459220	104.835288	
2010	259	1600	259.666666667		09/16/2010 16:00	237.93	3.4073	0.369	16.32	0.404	13.2	41.0396	104.7911314	104.829931	2.451017	104.827085	
2010	259	1700	259.708333333		09/16/2010 17:00	239	3.4223	0.369	16.31	0.404	13.18	41.0042	104.8019195	104.840719	2.461853	104.837921	
2010	259	1800	259.750000000		09/16/2010 18:00	239.59	3.4307	0.369	16.34	0.404	13.09	40.9847	104.8078681	104.846667	2.467829	104.843896	
2010	259	1900	259.791666667		09/16/2010 19:00	240.26	3.4401	0.369	16.32	0.404	13.02	40.9625	104.8146232	104.853422	2.474614	104.850682	
2010	259	2000	259.833333333		09/16/2010 20:00	241.13	3.4523	0.369	16.32	0.404	12.98	40.9337	104.8233949	104.862194	2.483425	104.859493	
2010	259	2100	259.875000000		09/16/2010 21:00	241.52	3.4578	0.369	16.33	0.404	12.93	40.9208	104.827327	104.866126	2.487375	104.863443	
2010	259	2200	259.916666667		09/16/2010 22:00	241.87	3.4628	0.369	16.32	0.404	12.89	40.9093	104.8308558	104.869655	2.490920	104.866988	
2010	259	2300	259.958333333		09/16/2010 23:00	241.97	3.4642	0.369	16.32	0.405	12.85	40.9060	104.831864	104.870663	2.491933	104.868000	
2010	259	2400	260.000000000		09/17/2010 0:00	242.03	3.4650	0.369	16.33	0.404	12.83	40.9040	104.832469	104.871268	2.492540	104.868608	
2010	260	100	260.041666667		09/17/2010 1:00	242.15	3.4667	0.369	16.33	0.404	12.79	40.9000	104.8336788	104.872478	2.493756	104.869823	
2010	260	200	260.083333333		09/17/2010 2:00	242.15	3.4667	0.369	16.34	0.404	12.76	40.9000	104.8336788	104.872478	2.493756	104.869823	
2010	260	300	260.125000000		09/17/2010 3:00	242.18	3.4671	0.369	16.34	0.404	12.73	40.8990	104.8339813	104.872781	2.494059	104.870127	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	260	400	260.166666667		09/17/2010 4:00	242.32	3.4691	0.37	16.33	0.405	12.71	40.8944	104.8353928	104.874192	2.495477	104.871545	
2010	260	500	260.208333333		09/17/2010 5:00	242.37	3.4698	0.37	16.33	0.405	12.68	40.8927	104.8358969	104.874696	2.495984	104.872051	
2010	260	600	260.250000000		09/17/2010 6:00	242.25	3.4681	0.37	16.34	0.405	12.66	40.8967	104.8346871	104.873486	2.494768	104.870836	
2010	260	700	260.291666667		09/17/2010 7:00	241.91	3.4633	0.37	16.34	0.405	13.34	40.9079	104.8312591	104.870058	2.491325	104.867393	
2010	260	800	260.333333333		09/17/2010 8:00	241.97	3.4642	0.37	16.35	0.405	13.33	40.9060	104.831864	104.870663	2.491933	104.868000	
2010	260	900	260.375000000		09/17/2010 9:00	241.73	3.4608	0.37	16.34	0.405	13.3	40.9139	104.8294443	104.868243	2.489502	104.865570	
2010	260	1000	260.416666667		09/17/2010 10:00	241.5	3.4575	0.37	16.33	0.405	13.3	40.9215	104.8271253	104.865925	2.487173	104.863240	
2010	260	1100	260.458333333		09/17/2010 11:00	241.01	3.4506	0.37	16.34	0.405	13.28	40.9377	104.822185	104.860984	2.482210	104.858278	
2010	260	1200	260.500000000		09/17/2010 12:00	240.8	3.4477	0.37	16.32	0.405	13.26	40.9447	104.8200677	104.858867	2.480083	104.856151	
2010	260	1300	260.541666667		09/17/2010 13:00	240.61	3.4450	0.37	16.34	0.405	13.26	40.9509	104.8181521	104.856951	2.478159	104.854227	
2010	260	1400	260.583333333		09/17/2010 14:00	239.94	3.4356	0.37	16.33	0.405	13.24	40.9731	104.8113969	104.850196	2.471373	104.847441	
2010	260	1500	260.625000000		09/17/2010 15:00	239.65	3.4315	0.37	16.34	0.405	13.24	40.9827	104.808473	104.847272	2.468436	104.844504	
2010	260	1600	260.666666667		09/17/2010 16:00	239.5	3.4294	0.37	16.34	0.405	13.24	40.9877	104.8069607	104.845760	2.466917	104.842985	
2010	260	1700	260.708333333		09/17/2010 17:00	239.42	3.4283	0.37	16.34	0.405	13.24	40.9903	104.8061541	104.844953	2.466107	104.842175	
2010	260	1800	260.750000000		09/17/2010 18:00	239.49	3.4292	0.37	16.34	0.405	13.15	40.9880	104.8068598	104.845659	2.466816	104.842884	
2010	260	1900	260.791666667		09/17/2010 19:00	239.74	3.4328	0.37	16.33	0.405	13.08	40.9797	104.8093804	104.848180	2.469348	104.845416	
2010	260	2000	260.833333333		09/17/2010 20:00	240.21	3.4394	0.37	16.33	0.405	13.03	40.9642	104.8141191	104.852918	2.474108	104.850176	
2010	260	2100	260.875000000		09/17/2010 21:00	240.75	3.4470	0.37	16.35	0.405	12.98	40.9463	104.8195636	104.858363	2.479577	104.855645	
2010	260	2200	260.916666667		09/17/2010 22:00	241.07	3.4515	0.37	16.33	0.406	12.94	40.9357	104.8227899	104.861589	2.482818	104.858885	
2010	260	2300	260.958333333		09/17/2010 23:00	241.13	3.4523	0.37	16.33	0.405	12.91	40.9337	104.8233949	104.862194	2.483425	104.859493	
2010	260	2400	261.000000000		09/18/2010 0:00	241.18	3.4530	0.37	16.34	0.405	12.87	40.9321	104.823899	104.862698	2.483932	104.859999	
2010	261	100	261.041666667		09/18/2010 1:00	241.22	3.4536	0.37	16.34	0.406	12.83	40.9308	104.8243023	104.863101	2.484337	104.860405	
2010	261	200	261.083333333		09/18/2010 2:00	241.26	3.4542	0.37	16.34	0.406	12.79	40.9294	104.8247056	104.863505	2.484742	104.860810	
2010	261	300	261.125000000		09/18/2010 3:00	241.3	3.4547	0.371	16.33	0.406	12.77	40.9281	104.8251089	104.863908	2.485147	104.861215	
2010	261	400	261.166666667		09/18/2010 4:00	241.19	3.4532	0.371	16.34	0.406	12.73	40.9318	104.8239998	104.862799	2.484033	104.860101	
2010	261	500	261.208333333		09/18/2010 5:00	241.14	3.4525	0.37	16.34	0.405	12.72	40.9334	104.8234957	104.862295	2.483527	104.859594	
2010	261	600	261.250000000		09/18/2010 6:00	241.04	3.4511	0.371	16.34	0.406	12.69	40.9367	104.8224875	104.861287	2.482514	104.858582	
2010	261	700	261.291666667		09/18/2010 7:00	240.84	3.4482	0.371	16.34	0.406	13.27	40.9433	104.820471	104.859270	2.480488	104.856556	
2010	261	800	261.333333333		09/18/2010 8:00	240.42	3.4423	0.371	16.33	0.406	13.42	40.9572	104.8162364	104.855036	2.476235	104.852302	
2010	261	900	261.375000000		09/18/2010 9:00	240.31	3.4408	0.371	16.35	0.406	13.37	40.9609	104.8151274	104.853927	2.475121	104.851188	
2010	261	1000	261.416666667		09/18/2010 10:00	240.29	3.4405	0.371	16.34	0.406	13.35	40.9615	104.8149257	104.853725	2.474918	104.850986	
2010	261	1100	261.458333333		09/18/2010 11:00	239.88	3.4347	0.371	16.34	0.406	13.34	40.9751	104.810792	104.849591	2.470766	104.846834	
2010	261	1200	261.500000000		09/18/2010 12:00	239.68	3.4319	0.371	16.34	0.406	13.31	40.9817	104.8087755	104.847575	2.468740	104.844808	
2010	261	1300	261.541666667		09/18/2010 13:00	239.39	3.4278	0.371	16.33	0.406	13.3	40.9913	104.8058516	104.844651	2.465803	104.841871	
2010	261	1400	261.583333333		09/18/2010 14:00	239.13	3.4242	0.371	16.34	0.406	13.28	40.9999	104.8032302	104.842029	2.463170	104.839238	
2010	261	1500	261.625000000		09/18/2010 15:00	238.99	3.4222	0.371	16.33	0.406	13.28	41.0045	104.8018187	104.840618	2.461752	104.837820	
2010	261	1600	261.666666667		09/18/2010 16:00	238.66	3.4176	0.371	16.33	0.406	13.3	41.0154	104.7984915	104.837291	2.458410	104.834478	
2010	261	1700	261.708333333		09/18/2010 17:00	238.31	3.4126	0.371	16.34	0.406	13.26	41.0270	104.7949627	104.833762	2.454865	104.830933	
2010	261	1800	261.750000000		09/18/2010 18:00	237.96	3.4077	0.371	16.34	0.406	13.18	41.0386	104.7914339	104.830233	2.451321	104.827388	
2010	261	1900	261.791666667		09/18/2010 19:00	237.68	3.4038	0.371	16.35	0.406	13.12	41.0479	104.7886108	104.827410	2.448485	104.824553	
2010	261	2000	261.833333333		09/18/2010 20:00	237.3	3.3984	0.371	16.35	0.406	13.07	41.0604	104.7847795	104.823579	2.444636	104.820704	
2010	261	2100	261.875000000		09/18/2010 21:00	236.97	3.3938	0.371	16.34	0.406	13.02	41.0714	104.7814524	104.820252	2.441294	104.817362	
2010	261	2200	261.916666667		09/18/2010 22:00	236.68	3.3897	0.371	16.34	0.406	12.98	41.0809	104.7785285	104.817328	2.438357	104.814425	
2010	261	2300	261.958333333		09/18/2010 23:00	236.46	3.3866	0.371	16.33	0.406	12.94	41.0882	104.7763104	104.815110	2.436129	104.812197	
2010	261	2400	262.000000000		09/19/2010 0:00	236.26	3.3838	0.371	16.34	0.406	12.91	41.0948	104.7742939	104.813093	2.434104	104.810171	
2010	262	100	262.041666667		09/19/2010 1:00	235.99	3.3800	0.371	16.35	0.406	12.88	41.1038	104.7715717	104.810371	2.431369	104.807437	
2010	262	200	262.083333333		09/19/2010 2:00	235.81	3.3774	0.371	16.34	0.406	12.85	41.1097	104.7697569	104.808556	2.429546	104.805614	
2010	262	300	262.125000000		09/19/2010 3:00	235.7	3.3759	0.371	16.34	0.406	12.82	41.1134	104.7686478	104.807447	2.428432	104.804500	
2010	262	400	262.166666667		09/19/2010 4:00	235.48	3.3728	0.371	16.34	0.406	12.79	41.1206	104.7664297	104.805229	2.426204	104.802272	
2010	262	500	262.208333333		09/19/2010 5:00	235.21	3.3690	0.371	16.35	0.406	12.76	41.1296	104.7637075	104.802507	2.423470	104.799537	
2010	262	600	262.250000000		09/19/2010 6:00	235.07	3.3670	0.371	16.33	0.406	12.73	41.1342	104.762296	104.801095	2.422052	104.798120	
2010	262	700	262.291666667		09/19/2010 7:00	234.87	3.3642	0.371	16.34	0.406	12.74	41.1408	104.7602795	104.799079	2.420026	104.796094	
2010	262	800	262.333333333		09/19/2010 8:00	234.5	3.3590	0.371	16.33	0.406	13.39	41.1531	104.756549	104.795348	2.416279	104.792347	
2010	262	900	262.375000000		09/19/2010 9:00	234.35	3.3569	0.371	16.37	0.406	13.41	41.1580	104.7550367	104.793836	2.414760	104.790828	
2010	262	1000	262.416666667		09/19/2010 10:00	234.31	3.3563	0.371	16.35	0.406	13.39	41.1593	104.7546334	104.793433	2.414355	104.790422	
2010	262	1100	262.458333333		09/19/2010 11:00	234.23	3.3552	0.371	16.33	0.406	13.43	41.1620	104.7538268	104.792626	2.413545	104.789612	
2010	262	1200	262.500000000		09/19/2010 12:00	233.92	3.3508	0.371	16.34	0.406	13.43	41.1722	104.7507013	104.789500	2.410405	104.786473	
2010	262	1300	262.541666667		09/19/2010 13:00	234.02	3.3522	0.371	16.35	0.406	13.4	41.1689	104.7517095	104.790509	2.411418	104.787485	
2010	262	1400	262.583333333		09/19/2010 14:00	233.93	3.3510	0.371	16.36	0.406	13.39	41.1719	104.7508021	104.789601	2.410506	104.786574	
2010	262	1500	262.625000000		09/19/2010 15:00	233.9	3.3505	0.371	16.34	0.406	13.37	41.1729	104.7504996	104.789299	2.410202	104.786270	
2010	262	1600	262.666666667		09/19/2010 16:00	233.77	3.3487	0.371	16.36	0.406	13.38	41.1772	104.7491889	104.787988	2.408886	104.784954	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	262	1700	262.708333333		09/19/2010 17:00	233.72	3.3480	0.371	16.34	0.406	13.31	41.1789	104.7486848	104.787484	2.408379	104.784447	
2010	262	1800	262.750000000		09/19/2010 18:00	233.72	3.3480	0.371	16.36	0.406	13.23	41.1789	104.7486848	104.787484	2.408379	104.784447	
2010	262	1900	262.791666667		09/19/2010 19:00	233.7	3.3477	0.371	16.34	0.406	13.17	41.1795	104.7484832	104.787282	2.408177	104.784245	
2010	262	2000	262.833333333		09/19/2010 20:00	233.76	3.3486	0.371	16.34	0.406	13.11	41.1775	104.7490881	104.787887	2.408785	104.784852	
2010	262	2100	262.875000000		09/19/2010 21:00	233.95	3.3512	0.371	16.34	0.406	13.07	41.1712	104.7510037	104.789803	2.410709	104.786777	
2010	262	2200	262.916666667		09/19/2010 22:00	233.92	3.3508	0.371	16.34	0.406	13.03	41.1722	104.7507013	104.789500	2.410405	104.786473	
2010	262	2300	262.958333333		09/19/2010 23:00	233.83	3.3496	0.371	16.35	0.406	13	41.1752	104.7497939	104.788593	2.409494	104.785561	
2010	262	2400	263.000000000		09/20/2010 0:00	234.02	3.3522	0.371	16.34	0.407	12.96	41.1689	104.7517095	104.790509	2.411418	104.787485	
2010	263	100	263.041666667		09/20/2010 1:00	234.11	3.3535	0.371	16.34	0.406	12.92	41.1660	104.7526169	104.791416	2.412329	104.788397	
2010	263	200	263.083333333		09/20/2010 2:00	234.17	3.3543	0.371	16.35	0.406	12.9	41.1640	104.7532219	104.792021	2.412937	104.789005	
2010	263	300	263.125000000		09/20/2010 3:00	234.21	3.3549	0.371	16.34	0.406	12.86	41.1626	104.7536252	104.792424	2.413342	104.789410	
2010	263	400	263.166666667		09/20/2010 4:00	234.24	3.3553	0.371	16.34	0.407	12.83	41.1617	104.7539276	104.792727	2.413646	104.789714	
2010	263	500	263.208333333		09/20/2010 5:00	234.11	3.3535	0.372	16.34	0.407	12.81	41.1660	104.7526169	104.791416	2.412329	104.788397	
2010	263	600	263.250000000		09/20/2010 6:00	234.2	3.3548	0.371	16.34	0.407	12.77	41.1630	104.7535243	104.792324	2.413241	104.789308	
2010	263	700	263.291666667		09/20/2010 7:00	234.41	3.3577	0.371	16.35	0.407	13.39	41.1560	104.7556416	104.794441	2.415368	104.791435	
2010	263	800	263.333333333		09/20/2010 8:00	233.9	3.3505	0.371	16.34	0.407	13.41	41.1729	104.7504996	104.789299	2.410202	104.786270	
2010	263	900	263.375000000		09/20/2010 9:00	234.03	3.3524	0.372	16.36	0.407	13.39	41.1686	104.7518103	104.790610	2.411519	104.787587	
2010	263	1000	263.416666667		09/20/2010 10:00	233.97	3.3515	0.372	16.35	0.407	13.37	41.1706	104.7512054	104.790005	2.410911	104.786979	
2010	263	1100	263.458333333		09/20/2010 11:00	233.97	3.3515	0.372	16.35	0.407	13.36	41.1706	104.7512054	104.790005	2.410911	104.786979	
2010	263	1200	263.500000000		09/20/2010 12:00	233.22	3.3410	0.372	16.36	0.407	13.33	41.1954	104.7436436	104.782443	2.403316	104.779383	
2010	263	1300	263.541666667		09/20/2010 13:00	233.54	3.3455	0.372	16.37	0.407	13.31	41.1848	104.74687	104.785669	2.406556	104.782624	
2010	263	1400	263.583333333		09/20/2010 14:00	233.47	3.3445	0.372	16.33	0.407	13.3	41.1871	104.7461642	104.784963	2.405848	104.781915	
2010	263	1500	263.625000000		09/20/2010 15:00	233.37	3.3431	0.372	16.34	0.407	13.28	41.1904	104.745156	104.783955	2.404835	104.780902	
2010	263	1600	263.666666667		09/20/2010 16:00	233.34	3.3427	0.372	16.36	0.407	13.28	41.1914	104.7448535	104.783653	2.404531	104.780599	
2010	263	1700	263.708333333		09/20/2010 17:00	232.87	3.3360	0.372	16.34	0.407	13.3	41.2070	104.7401148	104.778914	2.399771	104.775839	
2010	263	1800	263.750000000		09/20/2010 18:00	232.54	3.3314	0.372	16.33	0.407	13.23	41.2179	104.7367877	104.775587	2.396429	104.772497	
2010	263	1900	263.791666667		09/20/2010 19:00	232.3	3.3280	0.372	16.35	0.407	13.16	41.2258	104.7343679	104.773167	2.393998	104.770066	
2010	263	2000	263.833333333		09/20/2010 20:00	232.05	3.3245	0.372	16.34	0.407	13.1	41.2341	104.7318473	104.770647	2.391466	104.767534	
2010	263	2100	263.875000000		09/20/2010 21:00	231.8	3.3210	0.372	16.34	0.407	13.06	41.2424	104.7293267	104.768126	2.388934	104.765002	
2010	263	2200	263.916666667		09/20/2010 22:00	231.59	3.3180	0.372	16.35	0.407	13.02	41.2493	104.7272095	104.766009	2.386808	104.762875	
2010	263	2300	263.958333333		09/20/2010 23:00	231.39	3.3152	0.372	16.34	0.407	12.98	41.2559	104.725193	104.763992	2.384782	104.760850	
2010	263	2400	264.000000000		09/21/2010 0:00	231.17	3.3121	0.372	16.35	0.407	12.94	41.2632	104.7229749	104.761774	2.382554	104.758622	
2010	264	100	264.041666667		09/21/2010 1:00	231.01	3.3099	0.372	16.34	0.407	12.91	41.2685	104.7213617	104.760161	2.380934	104.757001	
2010	264	200	264.083333333		09/21/2010 2:00	230.97	3.3093	0.372	16.36	0.407	12.88	41.2698	104.7209584	104.759758	2.380528	104.756596	
2010	264	300	264.125000000		09/21/2010 3:00	231.05	3.3104	0.372	16.35	0.407	12.84	41.2672	104.721765	104.760564	2.381339	104.757406	
2010	264	400	264.166666667		09/21/2010 4:00	231.07	3.3107	0.372	16.34	0.407	12.81	41.2665	104.7219666	104.760766	2.381541	104.757609	
2010	264	500	264.208333333		09/21/2010 5:00	231.08	3.3108	0.372	16.34	0.407	12.77	41.2662	104.7220675	104.760867	2.381642	104.757710	
2010	264	600	264.250000000		09/21/2010 6:00	231.05	3.3104	0.372	16.35	0.407	12.75	41.2672	104.721765	104.760564	2.381339	104.757406	
2010	264	700	264.291666667		09/21/2010 7:00	230.75	3.3062	0.372	16.33	0.407	13.56	41.2771	104.7187403	104.757540	2.378300	104.754368	
2010	264	800	264.333333333		09/21/2010 8:00	230.44	3.3018	0.372	16.34	0.407	13.45	41.2874	104.7156148	104.754414	2.375161	104.751228	
2010	264	900	264.375000000		09/21/2010 9:00	230.2	3.2984	0.372	16.35	0.407	13.41	41.2953	104.713195	104.751994	2.372730	104.748798	
2010	264	1000	264.416666667		09/21/2010 10:00	229.65	3.2907	0.372	16.35	0.407	13.38	41.3135	104.7076497	104.746449	2.367160	104.743228	
2010	264	1100	264.458333333		09/21/2010 11:00	229.44	3.2877	0.372	16.35	0.407	13.35	41.3204	104.7055324	104.744332	2.365033	104.741101	
2010	264	1200	264.500000000		09/21/2010 12:00	228.57	3.2755	0.372	16.36	0.407	13.36	41.3492	104.6967608	104.735560	2.356222	104.732290	
2010	264	1300	264.541666667		09/21/2010 13:00	229.92	3.2945	0.372	16.35	0.407	13.32	41.3046	104.710372	104.749171	2.369894	104.745962	
2010	264	1400	264.583333333		09/21/2010 14:00	229.53	3.2890	0.372	16.33	0.407	13.31	41.3175	104.7064399	104.745239	2.365945	104.742012	
2010	264	1500	264.625000000		09/21/2010 15:00	229.71	3.2916	0.372	16.34	0.407	13.3	41.3115	104.7082547	104.747054	2.367768	104.743835	
2010	264	1600	264.666666667		09/21/2010 16:00	230.2	3.2984	0.371	16.35	0.407	13.3	41.2953	104.713195	104.751994	2.372730	104.748798	
2010	264	1700	264.708333333		09/21/2010 17:00	231.18	3.3122	0.371	16.35	0.407	13.31	41.2629	104.7230757	104.761875	2.382655	104.758723	
2010	264	1800	264.750000000		09/21/2010 18:00	231.32	3.3142	0.372	16.36	0.407	13.25	41.2582	104.7244872	104.763286	2.384073	104.760141	
2010	264	1900	264.791666667		09/21/2010 19:00	231.27	3.3135	0.372	16.35	0.407	13.17	41.2599	104.7239831	104.762782	2.383567	104.759634	
2010	264	2000	264.833333333		09/21/2010 20:00	231.27	3.3135	0.372	16.35	0.407	13.12	41.2599	104.7239831	104.762782	2.383567	104.759634	
2010	264	2100	264.875000000		09/21/2010 21:00	231.31	3.3141	0.372	16.35	0.407	13.07	41.2586	104.7243864	104.763186	2.383972	104.760040	
2010	264	2200	264.916666667		09/21/2010 22:00	231.41	3.3155	0.372	16.34	0.407	13.04	41.2553	104.7253946	104.764194	2.384985	104.761052	
2010	264	2300	264.958333333		09/21/2010 23:00	231.7	3.3196	0.372	16.35	0.407	13	41.2457	104.7283185	104.767118	2.387922	104.763989	
2010	264	2400	265.000000000		09/22/2010 0:00	232.08	3.3249	0.372	16.35	0.407	12.96	41.2331	104.7321498	104.770949	2.391770	104.767838	
2010	265	100	265.041666667		09/22/2010 1:00	232.46	3.3303	0.372	16.34	0.407	12.92	41.2205	104.7359811	104.774780	2.395619	104.771686	
2010	265	200	265.083333333		09/22/2010 2:00	232.76	3.3345	0.372	16.34	0.407	12.9	41.2106	104.7390058	104.777805	2.398657	104.774725	
2010	265	300	265.125000000		09/22/2010 3:00	233.03	3.3383	0.372	16.35	0.407	12.87	41.2017	104.741728	104.780527	2.401391	104.777459	
2010	265	400	265.166666667		09/22/2010 4:00	233.02	3.3382	0.372	16.35	0.407	12.84	41.2020	104.7416272	104.780426	2.401290	104.777358	
2010	265	500	265.208333333		09/22/2010 5:00	232.85	3.3358	0.372	16.35	0.407	12.81	41.2076	104.7399132	104.778712	2.399568	104.775636	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	265	600	265.250000000		09/22/2010 6:00	232.55	3.3315	0.372	16.35	0.407	12.78	41.2176	104.7368885	104.775688	2.396530	104.772598	
2010	265	700	265.291666667		09/22/2010 7:00	232.12	3.3255	0.372	16.35	0.407	13.6	41.2318	104.7325531	104.771352	2.392175	104.768243	
2010	265	800	265.333333333		09/22/2010 8:00	231.7	3.3196	0.372	16.35	0.407	13.49	41.2457	104.7283185	104.767118	2.387922	104.763989	
2010	265	900	265.375000000		09/22/2010 9:00	231.2	3.3125	0.372	16.34	0.407	13.45	41.2622	104.7232773	104.762077	2.382858	104.758925	
2010	265	1000	265.416666667		09/22/2010 10:00	230.75	3.3062	0.372	16.36	0.407	13.41	41.2771	104.7187403	104.757540	2.378300	104.754368	
2010	265	1100	265.458333333		09/22/2010 11:00	230.3	3.2999	0.372	16.36	0.407	13.38	41.2920	104.7142032	104.753002	2.373743	104.749811	
2010	265	1200	265.500000000		09/22/2010 12:00	230.09	3.2969	0.372	16.35	0.407	13.36	41.2989	104.712086	104.750885	2.371616	104.747684	
2010	265	1300	265.541666667		09/22/2010 13:00	229.88	3.2939	0.372	16.35	0.407	13.33	41.3059	104.7099687	104.748768	2.369489	104.745557	
2010	265	1400	265.583333333		09/22/2010 14:00	229.47	3.2882	0.372	16.34	0.407	13.3	41.3194	104.7058349	104.744634	2.365337	104.741405	
2010	265	1500	265.625000000		09/22/2010 15:00	229.26	3.2852	0.372	16.35	0.407	13.27	41.3264	104.7037176	104.742517	2.363210	104.739278	
2010	265	1600	265.666666667		09/22/2010 16:00	230.09	3.2969	0.372	16.35	0.408	13.28	41.2989	104.712086	104.750885	2.371616	104.747684	
2010	265	1700	265.708333333		09/22/2010 17:00	230.05	3.2963	0.372	16.34	0.408	13.3	41.3003	104.7116827	104.750482	2.371211	104.747279	
2010	265	1800	265.750000000		09/22/2010 18:00	230.28	3.2996	0.372	16.35	0.408	13.24	41.2926	104.7140016	104.752801	2.373540	104.749608	
2010	265	1900	265.791666667		09/22/2010 19:00	230.3	3.2999	0.372	16.36	0.408	13.17	41.2920	104.7142032	104.753002	2.373743	104.749811	
2010	265	2000	265.833333333		09/22/2010 20:00	230.3	3.2999	0.373	16.35	0.408	13.11	41.2920	104.7142032	104.753002	2.373743	104.749811	
2010	265	2100	265.875000000		09/22/2010 21:00	230.21	3.2986	0.372	16.34	0.408	13.07	41.2950	104.7132958	104.752095	2.372831	104.748899	
2010	265	2200	265.916666667		09/22/2010 22:00	230.02	3.2959	0.373	16.35	0.408	13.03	41.3012	104.7113802	104.750179	2.370907	104.746975	
2010	265	2300	265.958333333		09/22/2010 23:00	229.87	3.2938	0.373	16.34	0.408	12.99	41.3062	104.7098678	104.748667	2.369388	104.745456	
2010	265	2400	266.000000000		09/23/2010 0:00	229.8	3.2928	0.373	16.37	0.408	12.96	41.3085	104.7091621	104.747961	2.368679	104.744747	
2010	266	100	266.041666667		09/23/2010 1:00	229.81	3.2930	0.373	16.35	0.408	12.92	41.3082	104.7092629	104.748062	2.368780	104.744848	
2010	266	200	266.083333333		09/23/2010 2:00	229.75	3.2921	0.373	16.35	0.408	12.89	41.3102	104.708658	104.747457	2.368173	104.744240	
2010	266	300	266.125000000		09/23/2010 3:00	229.63	3.2904	0.373	16.36	0.408	12.86	41.3141	104.7074481	104.746247	2.366957	104.743025	
2010	266	400	266.166666667		09/23/2010 4:00	229.46	3.2880	0.373	16.35	0.408	12.83	41.3198	104.7057341	104.744533	2.365236	104.741303	
2010	266	500	266.208333333		09/23/2010 5:00	229.39	3.2870	0.373	16.35	0.408	12.81	41.3221	104.7050283	104.743828	2.364527	104.740594	
2010	266	600	266.250000000		09/23/2010 6:00	229.26	3.2852	0.373	16.35	0.408	12.77	41.3264	104.7037176	104.742517	2.363210	104.739278	
2010	266	700	266.291666667		09/23/2010 7:00	229.02	3.2818	0.373	16.35	0.408	13.51	41.3343	104.7012979	104.740097	2.360779	104.736847	
2010	266	800	266.333333333		09/23/2010 8:00	228.62	3.2762	0.373	16.36	0.409	13.49	41.3476	104.6972649	104.736064	2.356728	104.732796	
2010	266	900	266.375000000		09/23/2010 9:00	228.22	3.2706	0.373	16.35	0.408	13.43	41.3608	104.693232	104.732031	2.352677	104.728745	
2010	266	1000	266.416666667		09/23/2010 10:00	228.47	3.2741	0.373	16.35	0.408	13.41	41.3525	104.6957526	104.734552	2.355209	104.731277	
2010	266	1100	266.458333333		09/23/2010 11:00	228.35	3.2724	0.373	16.35	0.409	13.4	41.3565	104.6945427	104.733342	2.353994	104.730062	
2010	266	1200	266.500000000		09/23/2010 12:00	228.12	3.2692	0.373	16.35	0.408	13.39	41.3641	104.6922238	104.731023	2.351665	104.727732	
2010	266	1300	266.541666667		09/23/2010 13:00	228.27	3.2713	0.373	16.35	0.408	13.41	41.3591	104.6937361	104.732535	2.353184	104.729251	
2010	266	1400	266.583333333		09/23/2010 14:00	227.9	3.2661	0.373	16.35	0.409	13.43	41.3714	104.6900057	104.728805	2.349437	104.725504	
2010	266	1500	266.625000000		09/23/2010 15:00	227.91	3.2662	0.373	16.36	0.409	13.47	41.3710	104.6901065	104.728906	2.349538	104.725605	
2010	266	1600	266.666666667		09/23/2010 16:00	227.96	3.2669	0.373	16.35	0.409	13.47	41.3694	104.6906106	104.729410	2.350044	104.726112	
2010	266	1700	266.708333333		09/23/2010 17:00	228.13	3.2693	0.373	16.34	0.408	13.34	41.3638	104.6923246	104.731124	2.351766	104.727834	
2010	266	1800	266.750000000		09/23/2010 18:00	228.33	3.2721	0.373	16.37	0.408	13.27	41.3571	104.6943411	104.733140	2.353791	104.729859	
2010	266	1900	266.791666667		09/23/2010 19:00	228.62	3.2762	0.373	16.36	0.408	13.22	41.3476	104.6972649	104.736064	2.356728	104.732796	
2010	266	2000	266.833333333		09/23/2010 20:00	228.95	3.2809	0.373	16.36	0.409	13.17	41.3366	104.7005921	104.739391	2.360071	104.736138	
2010	266	2100	266.875000000		09/23/2010 21:00	229.34	3.2863	0.373	16.38	0.409	13.13	41.3237	104.7045242	104.743323	2.364020	104.740088	
2010	266	2200	266.916666667		09/23/2010 22:00	229.71	3.2916	0.374	16.37	0.409	13.09	41.3115	104.7082547	104.747054	2.367768	104.743835	
2010	266	2300	266.958333333		09/23/2010 23:00	230.3	3.2999	0.373	16.37	0.409	13.05	41.2920	104.7142032	104.753002	2.373743	104.749811	
2010	266	2400	267.000000000		09/24/2010 0:00	230.93	3.3087	0.374	16.35	0.409	13.02	41.2711	104.7205551	104.759354	2.380123	104.756191	
2010	267	100	267.041666667		09/24/2010 1:00	231.47	3.3163	0.374	16.34	0.409	12.98	41.2533	104.7259996	104.764799	2.385592	104.761660	
2010	267	200	267.083333333		09/24/2010 2:00	232.16	3.3260	0.374	16.36	0.409	12.94	41.2305	104.7329564	104.771756	2.392580	104.768648	
2010	267	300	267.125000000		09/24/2010 3:00	232.92	3.3367	0.374	16.38	0.409	12.92	41.2053	104.7406189	104.779418	2.400277	104.776345	
2010	267	400	267.166666667		09/24/2010 4:00	233.62	3.3466	0.374	16.35	0.409	12.89	41.1822	104.7476766	104.786476	2.407367	104.783434	
2010	267	500	267.208333333		09/24/2010 5:00	234.16	3.3542	0.374	16.36	0.409	12.86	41.1643	104.753121	104.791920	2.412836	104.788903	
2010	267	600	267.250000000		09/24/2010 6:00	234.42	3.3579	0.374	16.36	0.409	12.82	41.1557	104.7557424	104.794542	2.415469	104.791537	
2010	267	700	267.291666667		09/24/2010 7:00	234.36	3.3570	0.374	16.36	0.409	13.52	41.1577	104.7551375	104.793937	2.414861	104.790929	
2010	267	800	267.333333333		09/24/2010 8:00	234.52	3.3593	0.374	16.37	0.409	13.49	41.1524	104.7567507	104.795550	2.416482	104.792549	
2010	267	900	267.375000000		09/24/2010 9:00	234	3.3519	0.374	16.35	0.409	13.45	41.1696	104.7515079	104.790307	2.411215	104.787283	
2010	267	1000	267.416666667		09/24/2010 10:00	233.98	3.3517	0.374	16.36	0.409	13.39	41.1703	104.7513062	104.790105	2.411013	104.787080	
2010	267	1100	267.458333333		09/24/2010 11:00	233.63	3.3467	0.374	16.36	0.409	13.36	41.1818	104.7477774	104.786577	2.407468	104.783536	
2010	267	1200	267.500000000		09/24/2010 12:00	233.06	3.3387	0.374	16.36	0.41	13.32	41.2007	104.7420305	104.780830	2.401695	104.777763	
2010	267	1300	267.541666667		09/24/2010 13:00	232.92	3.3367	0.374	16.37	0.409	13.3	41.2053	104.7406189	104.779418	2.400277	104.776345	
2010	267	1400	267.583333333		09/24/2010 14:00	233.16	3.3401	0.374	16.35	0.41	13.28	41.1974	104.7430387	104.781838	2.402708	104.778776	
2010	267	1500	267.625000000		09/24/2010 15:00	233.25	3.3414	0.374	16.36	0.41	13.3	41.1944	104.7439461	104.782745	2.403619	104.779687	
2010	267	1600	267.666666667		09/24/2010 16:00	234.07	3.3529	0.374	16.35	0.41	13.29	41.1673	104.7522136	104.791013	2.411924	104.787992	
2010	267	1700	267.708333333		09/24/2010 17:00	233.99	3.3518	0.374	16.35	0.41	13.29	41.1699	104.751407	104.790206	2.411114	104.787182	
2010	267	1800	267.750000000		09/24/2010 18:00	235.16	3.3683	0.375	16.38	0.41	13.22	41.1312	104.7632034	104.802003	2.422963	104.799031	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	267	1900	267.791666667		09/24/2010 19:00	235.76	3.3767	0.375	16.36	0.41	13.15	41.1114	104.7692528	104.808052	2.429040	104.805108	
2010	267	2000	267.833333333		09/24/2010 20:00	236.49	3.3870	0.375	16.37	0.41	13.09	41.0872	104.7766129	104.815412	2.436433	104.812501	
2010	267	2100	267.875000000		09/24/2010 21:00	237.17	3.3966	0.375	16.36	0.41	13.05	41.0647	104.7834688	104.822268	2.443320	104.819388	
2010	267	2200	267.916666667		09/24/2010 22:00	237.71	3.4042	0.375	16.37	0.41	13	41.0469	104.7889133	104.827713	2.448789	104.824857	
2010	267	2300	267.958333333		09/24/2010 23:00	238.08	3.4094	0.375	16.37	0.41	12.97	41.0346	104.7926438	104.831443	2.452536	104.828604	
2010	267	2400	268.000000000		09/25/2010 0:00	238.39	3.4138	0.375	16.38	0.41	12.94	41.0244	104.7957693	104.834568	2.455676	104.831743	
2010	268	100	268.041666667		09/25/2010 1:00	238.61	3.4169	0.375	16.36	0.41	12.9	41.0171	104.7979874	104.836787	2.457904	104.833971	
2010	268	200	268.083333333		09/25/2010 2:00	238.72	3.4184	0.375	16.36	0.41	12.87	41.0135	104.7990965	104.837896	2.459018	104.835085	
2010	268	300	268.125000000		09/25/2010 3:00	238.85	3.4202	0.375	16.37	0.41	12.85	41.0092	104.8004072	104.839206	2.460334	104.836402	
2010	268	400	268.166666667		09/25/2010 4:00	239.05	3.4230	0.375	16.36	0.411	12.81	41.0025	104.8024236	104.841223	2.462360	104.838428	
2010	268	500	268.208333333		09/25/2010 5:00	239.32	3.4268	0.375	16.36	0.411	12.77	40.9936	104.8051458	104.843945	2.465094	104.841162	
2010	268	600	268.250000000		09/25/2010 6:00	239.53	3.4298	0.375	16.37	0.411	12.75	40.9867	104.8072631	104.846062	2.467221	104.843289	
2010	268	700	268.291666667		09/25/2010 7:00	239.53	3.4298	0.375	16.37	0.411	13.52	40.9867	104.8072631	104.846062	2.467221	104.843289	
2010	268	800	268.333333333		09/25/2010 8:00	239.54	3.4299	0.376	16.38	0.411	13.45	40.9863	104.807364	104.846163	2.467322	104.843390	
2010	268	900	268.375000000		09/25/2010 9:00	239.68	3.4319	0.375	16.38	0.411	13.41	40.9817	104.8087755	104.847575	2.468740	104.844808	
2010	268	1000	268.416666667		09/25/2010 10:00	239.46	3.4288	0.375	16.37	0.411	13.37	40.9890	104.8065574	104.845357	2.466512	104.842580	
2010	268	1100	268.458333333		09/25/2010 11:00	239.27	3.4261	0.375	16.36	0.411	13.34	40.9953	104.8046417	104.843441	2.464588	104.840656	
2010	268	1200	268.500000000		09/25/2010 12:00	238.98	3.4221	0.376	16.36	0.411	13.3	41.0049	104.8017179	104.840517	2.461651	104.837719	
2010	268	1300	268.541666667		09/25/2010 13:00	239.25	3.4259	0.376	16.35	0.411	13.27	40.9959	104.8044401	104.843239	2.464385	104.840453	
2010	268	1400	268.583333333		09/25/2010 14:00	238.77	3.4191	0.376	16.38	0.411	13.24	41.0118	104.7996006	104.838400	2.459524	104.835592	
2010	268	1500	268.625000000		09/25/2010 15:00	238.26	3.4119	0.376	16.37	0.411	13.22	41.0287	104.7944586	104.833258	2.454359	104.830427	
2010	268	1600	268.666666667		09/25/2010 16:00	238.21	3.4112	0.376	16.38	0.411	13.21	41.0303	104.7939545	104.832754	2.453853	104.829920	
2010	268	1700	268.708333333		09/25/2010 17:00	238.35	3.4132	0.376	16.38	0.411	13.22	41.0257	104.795366	104.834165	2.455271	104.831338	
2010	268	1800	268.750000000		09/25/2010 18:00	238.56	3.4161	0.376	16.37	0.412	13.17	41.0188	104.7974833	104.836282	2.457397	104.833465	
2010	268	1900	268.791666667		09/25/2010 19:00	238.28	3.4122	0.376	16.38	0.411	13.09	41.0280	104.7946602	104.833459	2.454562	104.830629	
2010	268	2000	268.833333333		09/25/2010 20:00	238.19	3.4109	0.376	16.38	0.411	13.04	41.0310	104.7937528	104.832552	2.453650	104.829718	
2010	268	2100	268.875000000		09/25/2010 21:00	238.31	3.4126	0.376	16.37	0.411	13	41.0270	104.7949627	104.833762	2.454865	104.830933	
2010	268	2200	268.916666667		09/25/2010 22:00	238.63	3.4171	0.376	16.37	0.412	12.96	41.0164	104.798189	104.836988	2.458106	104.834174	
2010	268	2300	268.958333333		09/25/2010 23:00	238.97	3.4219	0.376	16.38	0.411	12.92	41.0052	104.801617	104.840416	2.461550	104.837617	
2010	268	2400	269.000000000		09/26/2010 0:00	239.31	3.4267	0.376	16.38	0.412	12.89	40.9939	104.805045	104.843844	2.464993	104.841061	
2010	269	100	269.041666667		09/26/2010 1:00	239.68	3.4319	0.376	16.36	0.412	12.86	40.9817	104.8087755	104.847575	2.468740	104.844808	
2010	269	200	269.083333333		09/26/2010 2:00	239.83	3.4340	0.376	16.37	0.412	12.83	40.9767	104.8102878	104.849087	2.470259	104.846327	
2010	269	300	269.125000000		09/26/2010 3:00	240.21	3.4394	0.376	16.38	0.412	12.8	40.9642	104.8141191	104.852918	2.474108	104.850176	
2010	269	400	269.166666667		09/26/2010 4:00	240.37	3.4416	0.376	16.37	0.412	12.77	40.9589	104.8157323	104.854531	2.475728	104.851796	
2010	269	500	269.208333333		09/26/2010 5:00	240.58	3.4446	0.376	16.37	0.412	12.75	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	269	600	269.250000000		09/26/2010 6:00	240.66	3.4457	0.376	16.36	0.412	12.72	40.9493	104.8186562	104.857455	2.478665	104.854733	
2010	269	700	269.291666667		09/26/2010 7:00	240.71	3.4464	0.376	16.37	0.412	12.75	40.9476	104.8191603	104.857959	2.479172	104.855239	
2010	269	800	269.333333333		09/26/2010 8:00	240.58	3.4446	0.376	16.37	0.412	13.12	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	269	900	269.375000000		09/26/2010 9:00	240.49	3.4433	0.376	16.36	0.412	13.36	40.9549	104.8169422	104.855741	2.476944	104.853011	
2010	269	1000	269.416666667		09/26/2010 10:00	240.2	3.4392	0.377	16.38	0.412	13.33	40.9645	104.8140183	104.852818	2.474007	104.850074	
2010	269	1100	269.458333333		09/26/2010 11:00	240.11	3.4380	0.377	16.37	0.412	13.3	40.9675	104.8131109	104.851910	2.473095	104.849163	
2010	269	1200	269.500000000		09/26/2010 12:00	239.88	3.4347	0.377	16.37	0.412	13.25	40.9751	104.810792	104.849591	2.470766	104.846834	
2010	269	1300	269.541666667		09/26/2010 13:00	240.44	3.4426	0.377	16.37	0.412	13.22	40.9566	104.8164381	104.855237	2.476437	104.852505	
2010	269	1400	269.583333333		09/26/2010 14:00	239.49	3.4292	0.377	16.38	0.412	13.22	40.9880	104.8068598	104.845659	2.466816	104.842884	
2010	269	1500	269.625000000		09/26/2010 15:00	239.21	3.4253	0.377	16.38	0.412	13.22	40.9973	104.8040368	104.842836	2.463980	104.840048	
2010	269	1600	269.666666667		09/26/2010 16:00	239.07	3.4233	0.377	16.37	0.412	13.23	41.0019	104.8026253	104.841424	2.462562	104.838630	
2010	269	1700	269.708333333		09/26/2010 17:00	238.51	3.4154	0.377	16.38	0.412	13.24	41.0204	104.7969792	104.835778	2.456891	104.832959	
2010	269	1800	269.750000000		09/26/2010 18:00	238.34	3.4131	0.377	16.37	0.412	13.13	41.0260	104.7952652	104.834064	2.455169	104.831237	
2010	269	1900	269.791666667		09/26/2010 19:00	237.99	3.4081	0.377	16.38	0.412	13.07	41.0376	104.7917364	104.830536	2.451625	104.827692	
2010	269	2000	269.833333333		09/26/2010 20:00	237.67	3.4036	0.377	16.36	0.413	13.01	41.0482	104.78851	104.827309	2.448384	104.824451	
2010	269	2100	269.875000000		09/26/2010 21:00	237.49	3.4011	0.377	16.37	0.412	12.97	41.0541	104.7866952	104.825494	2.446561	104.822628	
2010	269	2200	269.916666667		09/26/2010 22:00	237.2	3.3970	0.377	16.37	0.412	12.93	41.0637	104.7837713	104.822571	2.443624	104.819691	
2010	269	2300	269.958333333		09/26/2010 23:00	236.87	3.3924	0.377	16.37	0.412	12.89	41.0747	104.7804441	104.819243	2.440282	104.816349	
2010	269	2400	270.000000000		09/27/2010 0:00	236.67	3.3895	0.377	16.38	0.412	12.86	41.0813	104.7784277	104.817227	2.438256	104.814324	
2010	270	100	270.041666667		09/27/2010 1:00	236.37	3.3853	0.377	16.37	0.412	12.83	41.0912	104.775403	104.814202	2.435218	104.811285	
2010	270	200	270.083333333		09/27/2010 2:00	236.18	3.3826	0.377	16.37	0.412	12.79	41.0975	104.7734873	104.812287	2.433293	104.809361	
2010	270	300	270.125000000		09/27/2010 3:00	236	3.3801	0.377	16.35	0.412	12.77	41.1034	104.7716725	104.810472	2.431471	104.807538	
2010	270	400	270.166666667		09/27/2010 4:00	235.75	3.3766	0.377	16.38	0.412	12.73	41.1117	104.7691519	104.807951	2.428939	104.805006	
2010	270	500	270.208333333		09/27/2010 5:00	235.55	3.3738	0.377	16.38	0.412	12.71	41.1183	104.7671355	104.805935	2.426913	104.802981	
2010	270	600	270.250000000		09/27/2010 6:00	235.32	3.3705	0.377	16.37	0.413	12.69	41.1259	104.7648165	104.803616	2.424584	104.800651	
2010	270	700	270.291666667		09/27/2010 7:00	234.95	3.3653	0.377	16.37	0.412	13.37	41.1382	104.7610861	104.799885	2.420836	104.796904	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	270	800	270.333333333		09/27/2010 8:00	234.44	3.3581	0.377	16.37	0.412	13.36	41.1550	104.7559441	104.794743	2.415671	104.791739	
2010	270	900	270.375000000		09/27/2010 9:00	233.98	3.3517	0.377	16.39	0.412	13.31	41.1703	104.7513062	104.790105	2.411013	104.787080	
2010	270	1000	270.416666667		09/27/2010 10:00	233.87	3.3501	0.377	16.39	0.412	13.27	41.1739	104.7501972	104.788996	2.409899	104.785966	
2010	270	1100	270.458333333		09/27/2010 11:00	233.03	3.3383	0.377	16.38	0.412	13.24	41.2017	104.741728	104.780527	2.401391	104.777459	
2010	270	1200	270.500000000		09/27/2010 12:00	233.02	3.3382	0.377	16.38	0.412	13.21	41.2020	104.7416272	104.780426	2.401290	104.777358	
2010	270	1300	270.541666667		09/27/2010 13:00	233.1	3.3393	0.377	16.36	0.412	13.19	41.1994	104.7424338	104.781233	2.402100	104.778168	
2010	270	1400	270.583333333		09/27/2010 14:00	232.39	3.3293	0.377	16.37	0.412	13.18	41.2229	104.7352753	104.774075	2.394910	104.770977	
2010	270	1500	270.625000000		09/27/2010 15:00	232.02	3.3241	0.377	16.37	0.412	13.16	41.2351	104.7315449	104.770344	2.391162	104.767230	
2010	270	1600	270.666666667		09/27/2010 16:00	232.96	3.3373	0.377	16.36	0.412	13.15	41.2040	104.7410222	104.779821	2.400682	104.776750	
2010	270	1700	270.708333333		09/27/2010 17:00	233.76	3.3486	0.377	16.37	0.412	13.16	41.1775	104.7490881	104.787887	2.408785	104.784852	
2010	270	1800	270.750000000		09/27/2010 18:00	235.15	3.3681	0.377	16.37	0.413	13.09	41.1316	104.7631025	104.801902	2.422862	104.798930	
2010	270	1900	270.791666667		09/27/2010 19:00	235.86	3.3781	0.377	16.37	0.412	13.02	41.1081	104.770261	104.809060	2.430053	104.806120	
2010	270	2000	270.833333333		09/27/2010 20:00	236.66	3.3894	0.377	16.37	0.412	12.97	41.0816	104.7783269	104.817126	2.438155	104.814222	
2010	270	2100	270.875000000		09/27/2010 21:00	237.38	3.3995	0.377	16.38	0.413	12.93	41.0578	104.7855861	104.824385	2.445447	104.821514	
2010	270	2200	270.916666667		09/27/2010 22:00	237.96	3.4077	0.377	16.37	0.413	12.89	41.0386	104.7914339	104.830233	2.451321	104.827388	
2010	270	2300	270.958333333		09/27/2010 23:00	238.43	3.4143	0.377	16.38	0.413	12.85	41.0231	104.7961726	104.834972	2.456081	104.832148	
2010	270	2400	271.000000000		09/28/2010 0:00	238.97	3.4219	0.377	16.37	0.413	12.82	41.0052	104.801617	104.840416	2.461550	104.837617	
2010	271	100	271.041666667		09/28/2010 1:00	239.38	3.4277	0.377	16.37	0.413	12.78	40.9916	104.8057508	104.844550	2.465702	104.841770	
2010	271	200	271.083333333		09/28/2010 2:00	239.74	3.4328	0.377	16.38	0.413	12.76	40.9797	104.8093804	104.848180	2.469348	104.845416	
2010	271	300	271.125000000		09/28/2010 3:00	240.13	3.4383	0.377	16.39	0.413	12.73	40.9668	104.8133125	104.852112	2.473298	104.849365	
2010	271	400	271.166666667		09/28/2010 4:00	240.24	3.4398	0.378	16.37	0.413	12.69	40.9632	104.8144216	104.853221	2.474412	104.850479	
2010	271	500	271.208333333		09/28/2010 5:00	240.2	3.4392	0.378	16.38	0.413	12.67	40.9645	104.8140183	104.852818	2.474007	104.850074	
2010	271	600	271.250000000		09/28/2010 6:00	239.84	3.4342	0.378	16.36	0.413	12.65	40.9764	104.8103887	104.849188	2.470361	104.846428	
2010	271	700	271.291666667		09/28/2010 7:00	239.3	3.4266	0.378	16.38	0.413	13.37	40.9943	104.8049442	104.843743	2.464892	104.840959	
2010	271	800	271.333333333		09/28/2010 8:00	238.75	3.4188	0.378	16.38	0.413	13.34	41.0125	104.7993989	104.838198	2.459322	104.835389	
2010	271	900	271.375000000		09/28/2010 9:00	238.14	3.4102	0.378	16.38	0.413	13.3	41.0326	104.7932487	104.832048	2.453144	104.829211	
2010	271	1000	271.416666667		09/28/2010 10:00	237.52	3.4015	0.378	16.38	0.413	13.26	41.0532	104.7869977	104.825797	2.446865	104.822932	
2010	271	1100	271.458333333		09/28/2010 11:00	236.8	3.3914	0.378	16.38	0.413	13.24	41.0770	104.7797384	104.818538	2.439573	104.815640	
2010	271	1200	271.500000000		09/28/2010 12:00	236.38	3.3855	0.378	16.38	0.414	13.21	41.0909	104.7755038	104.814303	2.435319	104.811387	
2010	271	1300	271.541666667		09/28/2010 13:00	236.2	3.3829	0.378	16.37	0.413	13.18	41.0968	104.773689	104.812488	2.433496	104.809564	
2010	271	1400	271.583333333		09/28/2010 14:00	235.87	3.3783	0.378	16.37	0.413	13.16	41.1077	104.7703618	104.809161	2.430154	104.806222	
2010	271	1500	271.625000000		09/28/2010 15:00	235.46	3.3725	0.378	16.36	0.414	13.15	41.1213	104.7662281	104.805027	2.426002	104.802069	
2010	271	1600	271.666666667		09/28/2010 16:00	235.74	3.3764	0.378	16.37	0.413	13.14	41.1120	104.7690511	104.807850	2.428837	104.804905	
2010	271	1700	271.708333333		09/28/2010 17:00	236.54	3.3877	0.378	16.38	0.413	13.17	41.0856	104.777117	104.815916	2.436939	104.813007	
2010	271	1800	271.750000000		09/28/2010 18:00	237.28	3.3981	0.378	16.38	0.413	13.09	41.0611	104.7845779	104.823377	2.444434	104.820502	
2010	271	1900	271.791666667		09/28/2010 19:00	237.99	3.4081	0.378	16.39	0.414	13.01	41.0376	104.7917364	104.830536	2.451625	104.827692	
2010	271	2000	271.833333333		09/28/2010 20:00	238.53	3.4157	0.378	16.39	0.414	12.96	41.0197	104.7971808	104.835980	2.457093	104.833161	
2010	271	2100	271.875000000		09/28/2010 21:00	238.83	3.4200	0.378	16.39	0.414	12.91	41.0098	104.8002055	104.839005	2.460132	104.836199	
2010	271	2200	271.916666667		09/28/2010 22:00	238.89	3.4208	0.378	16.37	0.414	12.87	41.0078	104.8008104	104.839610	2.460739	104.836807	
2010	271	2300	271.958333333		09/28/2010 23:00	238.8	3.4195	0.378	16.37	0.414	12.84	41.0108	104.799903	104.838702	2.459828	104.835896	
2010	271	2400	272.000000000		09/29/2010 0:00	238.75	3.4188	0.378	16.37	0.414	12.81	41.0125	104.7993989	104.838198	2.459322	104.835389	
2010	272	100	272.041666667		09/29/2010 1:00	238.77	3.4191	0.378	16.38	0.414	12.77	41.0118	104.7996006	104.838400	2.459524	104.835592	
2010	272	200	272.083333333		09/29/2010 2:00	238.9	3.4209	0.378	16.38	0.414	12.74	41.0075	104.8009113	104.839710	2.460841	104.836908	
2010	272	300	272.125000000		09/29/2010 3:00	239.34	3.4271	0.378	16.37	0.414	12.71	40.9930	104.8053475	104.844147	2.465297	104.841365	
2010	272	400	272.166666667		09/29/2010 4:00	239.8	3.4336	0.378	16.39	0.414	12.68	40.9777	104.8099854	104.848785	2.469956	104.846023	
2010	272	500	272.208333333		09/29/2010 5:00	240.37	3.4416	0.378	16.38	0.414	12.66	40.9589	104.8157323	104.854531	2.475728	104.851796	
2010	272	600	272.250000000		09/29/2010 6:00	240.85	3.4484	0.378	16.39	0.414	12.63	40.9430	104.8205718	104.859371	2.480590	104.856657	
2010	272	700	272.291666667		09/29/2010 7:00	241.05	3.4512	0.378	16.38	0.414	13.46	40.9364	104.8225883	104.861387	2.482615	104.858683	
2010	272	800	272.333333333		09/29/2010 8:00	241.25	3.4540	0.379	16.38	0.414	13.39	40.9298	104.8246047	104.863404	2.484641	104.860708	
2010	272	900	272.375000000		09/29/2010 9:00	241.2	3.4533	0.378	16.38	0.414	13.34	40.9314	104.8241006	104.862900	2.484134	104.860202	
2010	272	1000	272.416666667		09/29/2010 10:00	241.24	3.4539	0.378	16.39	0.414	13.31	40.9301	104.8245039	104.863303	2.484539	104.860607	
2010	272	1100	272.458333333		09/29/2010 11:00	240.9	3.4491	0.378	16.39	0.414	13.29	40.9414	104.8210759	104.859875	2.481096	104.857164	
2010	272	1200	272.500000000		09/29/2010 12:00	240.95	3.4498	0.379	16.39	0.414	13.26	40.9397	104.82158	104.860379	2.481602	104.857670	
2010	272	1300	272.541666667		09/29/2010 13:00	240.91	3.4492	0.379	16.39	0.414	13.24	40.9410	104.8211767	104.859976	2.481197	104.857265	
2010	272	1400	272.583333333		09/29/2010 14:00	240.79	3.4475	0.379	16.39	0.414	13.22	40.9450	104.8199669	104.858766	2.479982	104.856050	
2010	272	1500	272.625000000		09/29/2010 15:00	240.65	3.4456	0.379	16.39	0.414	13.2	40.9496	104.8185553	104.857355	2.478564	104.854632	
2010	272	1600	272.666666667		09/29/2010 16:00	240.91	3.4492	0.379	16.38	0.414	13.2	40.9410	104.8211767	104.859976	2.481197	104.857265	
2010	272	1700	272.708333333		09/29/2010 17:00	241.15	3.4526	0.379	16.39	0.414	13.21	40.9331	104.8235965	104.862396	2.483628	104.859696	
2010	272	1800	272.750000000		09/29/2010 18:00	241.41	3.4563	0.379	16.38	0.415	13.13	40.9245	104.8262179	104.865017	2.486261	104.862329	
2010	272	1900	272.791666667		09/29/2010 19:00	241.39	3.4560	0.379	16.39	0.414	13.07	40.9251	104.8260163	104.864815	2.486059	104.862126	
2010	272	2000	272.833333333		09/29/2010 20:00	241.39	3.4560	0.379	16.38	0.415	13.02	40.9251	104.8260163	104.864815	2.486059	104.862126	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	272	2100	272.875000000		09/29/2010 21:00	241.62	3.4592	0.379	16.39	0.415	12.97	40.9175	104.8283352	104.867134	2.488388	104.864456	
2010	272	2200	272.916666667		09/29/2010 22:00	241.95	3.4639	0.379	16.39	0.415	12.93	40.9066	104.8316624	104.870462	2.491730	104.867798	
2010	272	2300	272.958333333		09/29/2010 23:00	242.57	3.4726	0.379	16.38	0.415	12.89	40.8861	104.8379134	104.876713	2.498009	104.874077	
2010	272	2400	273.000000000		09/30/2010 0:00	243.27	3.4825	0.379	16.4	0.415	12.86	40.8630	104.844971	104.883770	2.505099	104.881166	
2010	273	100	273.041666667		09/30/2010 1:00	244.01	3.4929	0.379	16.38	0.415	12.83	40.8385	104.852432	104.891231	2.512593	104.888661	
2010	273	200	273.083333333		09/30/2010 2:00	244.9	3.5054	0.379	16.38	0.415	12.79	40.8090	104.8614052	104.900204	2.521607	104.897674	
2010	273	300	273.125000000		09/30/2010 3:00	245.87	3.5191	0.379	16.38	0.415	12.76	40.7770	104.8711851	104.909984	2.531430	104.907498	
2010	273	400	273.166666667		09/30/2010 4:00	246.73	3.5312	0.379	16.39	0.415	12.74	40.7485	104.8798559	104.918655	2.540140	104.916208	
2010	273	500	273.208333333		09/30/2010 5:00	247.52	3.5423	0.379	16.38	0.415	12.7	40.7224	104.8878209	104.926620	2.548141	104.924209	
2010	273	600	273.250000000		09/30/2010 6:00	248.12	3.5507	0.38	16.37	0.415	12.68	40.7025	104.8938703	104.932670	2.554218	104.930285	
2010	273	700	273.291666667		09/30/2010 7:00	248.42	3.5550	0.382	16.38	0.418	13.48	40.6926	104.896895	104.935694	2.557256	104.933324	
2010	273	800	273.333333333		09/30/2010 8:00	248.76	3.5598	0.383	16.39	0.419	13.41	40.6814	104.900323	104.939122	2.560699	104.936767	
2010	273	900	273.375000000		09/30/2010 9:00	248.98	3.5629	0.383	16.39	0.419	13.36	40.6741	104.9025411	104.941340	2.562927	104.938995	
2010	273	1000	273.416666667		09/30/2010 10:00	249.16	3.5654	0.383	16.39	0.419	13.32	40.6681	104.904356	104.943155	2.564750	104.940818	
2010	273	1100	273.458333333		09/30/2010 11:00	249.19	3.5658	0.383	16.4	0.419	13.3	40.6671	104.9046584	104.943458	2.565054	104.941122	
2010	273	1200	273.500000000		09/30/2010 12:00	249.1	3.5645	0.383	16.4	0.419	13.27	40.6701	104.903751	104.942550	2.564143	104.940210	
2010	273	1300	273.541666667		09/30/2010 13:00	249.21	3.5661	0.383	16.38	0.419	13.25	40.6665	104.9048601	104.943659	2.565257	104.941325	
2010	273	1400	273.583333333		09/30/2010 14:00	248.82	3.5606	0.383	16.39	0.419	13.22	40.6794	104.900928	104.939727	2.561307	104.937375	
2010	273	1500	273.625000000		09/30/2010 15:00	248.65	3.5582	0.383	16.37	0.419	13.2	40.6850	104.899214	104.938013	2.559585	104.935653	
2010	273	1600	273.666666667		09/30/2010 16:00	249.1	3.5645	0.383	16.38	0.419	13.18	40.6701	104.903751	104.942550	2.564143	104.940210	
2010	273	1700	273.708333333		09/30/2010 17:00	249.51	3.5703	0.382	16.37	0.419	13.19	40.6565	104.9078848	104.946684	2.568295	104.944363	
2010	273	1800	273.750000000		09/30/2010 18:00	249.81	3.5745	0.381	16.38	0.417	13.11	40.6466	104.9109095	104.949709	2.571333	104.947401	
2010	273	1900	273.791666667		09/30/2010 19:00	250.06	3.5781	0.38	16.38	0.416	13.04	40.6384	104.9134301	104.952229	2.573865	104.949933	
2010	273	2000	273.833333333		09/30/2010 20:00	250.16	3.5795	0.381	16.38	0.417	12.99	40.6350	104.9144383	104.953237	2.574878	104.950946	
2010	273	2100	273.875000000		09/30/2010 21:00	250.24	3.5806	0.381	16.37	0.417	12.95	40.6324	104.9152449	104.954044	2.575688	104.951756	
2010	273	2200	273.916666667		09/30/2010 22:00	250.13	3.5790	0.382	16.37	0.418	12.9	40.6360	104.9141358	104.952935	2.574574	104.950642	
2010	273	2300	273.958333333		09/30/2010 23:00	249.91	3.5759	0.382	16.38	0.418	12.87	40.6433	104.9119177	104.950717	2.572346	104.948414	
2010	273	2400	274.000000000		10/01/2010 0:00	249.44	3.5693	0.382	16.37	0.418	12.83	40.6589	104.907179	104.945978	2.567586	104.943654	
2010	274	100	274.041666667		10/01/2010 1:00	249.25	3.5667	0.382	16.36	0.418	12.79	40.6651	104.9052634	104.944063	2.565662	104.941730	
2010	274	200	274.083333333		10/01/2010 2:00	249.14	3.5651	0.382	16.39	0.418	12.77	40.6688	104.9041543	104.942954	2.564548	104.940616	
2010	274	300	274.125000000		10/01/2010 3:00	249.27	3.5669	0.382	16.38	0.418	12.73	40.6645	104.905465	104.944264	2.565864	104.941932	
2010	274	400	274.166666667		10/01/2010 4:00	249.66	3.5724	0.382	16.39	0.418	12.71	40.6516	104.9093971	104.948196	2.569814	104.945882	
2010	274	500	274.208333333		10/01/2010 5:00	250.07	3.5782	0.382	16.39	0.418	12.68	40.6380	104.9135309	104.952330	2.573967	104.950034	
2010	274	600	274.250000000		10/01/2010 6:00	250.42	3.5831	0.382	16.4	0.418	12.66	40.6264	104.9170597	104.955859	2.577511	104.953579	
2010	274	700	274.291666667		10/01/2010 7:00	250.33	3.5819	0.382	16.39	0.418	13.45	40.6294	104.9161523	104.954951	2.576600	104.952668	
2010	274	800	274.333333333		10/01/2010 8:00	250.39	3.5827	0.382	16.37	0.418	13.39	40.6274	104.9167572	104.955556	2.577207	104.953275	
2010	274	900	274.375000000		10/01/2010 9:00	250.28	3.5812	0.382	16.38	0.418	13.36	40.6311	104.9156482	104.954447	2.576093	104.952161	
2010	274	1000	274.416666667		10/01/2010 10:00	249.9	3.5758	0.382	16.38	0.418	13.32	40.6436	104.9118169	104.950616	2.572245	104.948313	
2010	274	1100	274.458333333		10/01/2010 11:00	249.34	3.5679	0.382	16.38	0.418	13.28	40.6622	104.9061708	104.944970	2.566573	104.942641	
2010	274	1200	274.500000000		10/01/2010 12:00	249.29	3.5672	0.382	16.37	0.418	13.25	40.6638	104.9056667	104.944466	2.566067	104.942135	
2010	274	1300	274.541666667		10/01/2010 13:00	248.87	3.5613	0.382	16.38	0.418	13.22	40.6777	104.9014321	104.940231	2.561813	104.937881	
2010	274	1400	274.583333333		10/01/2010 14:00	248.21	3.5520	0.382	16.38	0.418	13.2	40.6995	104.8947777	104.933577	2.555129	104.931197	
2010	274	1500	274.625000000		10/01/2010 15:00	247.68	3.5446	0.382	16.38	0.418	13.18	40.7171	104.8894341	104.928233	2.549762	104.925829	
2010	274	1600	274.666666667		10/01/2010 16:00	247.6	3.5434	0.382	16.37	0.418	13.18	40.7197	104.8886275	104.927427	2.548951	104.925019	
2010	274	1700	274.708333333		10/01/2010 17:00	247.59	3.5433	0.382	16.37	0.418	13.2	40.7201	104.8885267	104.927326	2.548850	104.924918	
2010	274	1800	274.750000000		10/01/2010 18:00	247.56	3.5429	0.382	16.38	0.418	13.12	40.7210	104.8882242	104.927023	2.548546	104.924614	
2010	274	1900	274.791666667		10/01/2010 19:00	247.22	3.5381	0.382	16.38	0.418	13.05	40.7323	104.8847962	104.923595	2.545103	104.921171	
2010	274	2000	274.833333333		10/01/2010 20:00	246.98	3.5347	0.382	16.38	0.418	13	40.7402	104.8823765	104.921176	2.542672	104.918740	
2010	274	2100	274.875000000		10/01/2010 21:00	246.64	3.5299	0.382	16.38	0.418	12.96	40.7515	104.8789485	104.917748	2.539229	104.915296	
2010	274	2200	274.916666667		10/01/2010 22:00	246.29	3.5250	0.382	16.38	0.418	12.92	40.7631	104.8754197	104.914219	2.535684	104.911752	
2010	274	2300	274.958333333		10/01/2010 23:00	245.84	3.5186	0.382	16.39	0.418	12.88	40.7779	104.8708826	104.909682	2.531127	104.907194	
2010	274	2400	275.000000000		10/02/2010 0:00	245.59	3.5151	0.382	16.37	0.418	12.85	40.7862	104.868362	104.907161	2.528595	104.904662	
2010	275	100	275.041666667		10/02/2010 1:00	245.4	3.5125	0.382	16.37	0.418	12.81	40.7925	104.8664464	104.905246	2.526670	104.902738	
2010	275	200	275.083333333		10/02/2010 2:00	245.17	3.5092	0.382	16.38	0.418	12.78	40.8001	104.8641275	104.902927	2.524341	104.900409	
2010	275	300	275.125000000		10/02/2010 3:00	244.9	3.5054	0.382	16.38	0.418	12.75	40.8090	104.8614052	104.900204	2.521607	104.897674	
2010	275	400	275.166666667		10/02/2010 4:00	244.86	3.5048	0.382	16.38	0.418	12.72	40.8104	104.8610019	104.899801	2.521202	104.897269	
2010	275	500	275.208333333		10/02/2010 5:00	244.6	3.5012	0.382	16.39	0.418	12.69	40.8190	104.8583805	104.897180	2.518568	104.894636	
2010	275	600	275.250000000		10/02/2010 6:00	244.35	3.4977	0.382	16.39	0.418	12.66	40.8272	104.85586	104.894659	2.516036	104.892104	
2010	275	700	275.291666667		10/02/2010 7:00	244.08	3.4939	0.382	16.38	0.418	13.52	40.8362	104.8531377	104.891937	2.513302	104.889370	
2010	275	800	275.333333333		10/02/2010 8:00	243.94	3.4919	0.382	16.38	0.418	13.45	40.8408	104.8517262	104.890525	2.511884	104.887952	
2010	275	900	275.375000000		10/02/2010 9:00	243.86	3.4908	0.382	16.37	0.418	13.4	40.8434	104.8509196	104.889719	2.511074	104.887142	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	275	1000	275.416666667		10/02/2010 10:00	243.73	3.4889	0.382	16.38	0.418	13.36	40.8477	104.8496089	104.888408	2.509757	104.885825	
2010	275	1100	275.458333333		10/02/2010 11:00	243.66	3.4880	0.382	16.39	0.418	13.31	40.8501	104.8489032	104.887702	2.509048	104.885116	
2010	275	1200	275.500000000		10/02/2010 12:00	243.8	3.4899	0.382	16.38	0.418	13.27	40.8454	104.8503147	104.889114	2.510466	104.886534	
2010	275	1300	275.541666667		10/02/2010 13:00	243.63	3.4875	0.382	16.38	0.418	13.25	40.8510	104.8486007	104.887400	2.508745	104.884812	
2010	275	1400	275.583333333		10/02/2010 14:00	243.53	3.4861	0.382	16.38	0.418	13.22	40.8544	104.8475924	104.886392	2.507732	104.883799	
2010	275	1500	275.625000000		10/02/2010 15:00	243.51	3.4858	0.382	16.39	0.418	13.2	40.8550	104.8473908	104.886190	2.507529	104.883597	
2010	275	1600	275.666666667		10/02/2010 16:00	244.27	3.4965	0.382	16.37	0.418	13.19	40.8299	104.8550534	104.893853	2.515226	104.891294	
2010	275	1700	275.708333333		10/02/2010 17:00	244.96	3.5063	0.382	16.38	0.418	13.2	40.8071	104.8620102	104.900809	2.522214	104.898282	
2010	275	1800	275.750000000		10/02/2010 18:00	245.5	3.5139	0.382	16.37	0.418	13.1	40.7892	104.8674546	104.906254	2.527683	104.903751	
2010	275	1900	275.791666667		10/02/2010 19:00	245.56	3.5147	0.382	16.39	0.418	13.03	40.7872	104.8680596	104.906859	2.528291	104.904359	
2010	275	2000	275.833333333		10/02/2010 20:00	245.51	3.5140	0.382	16.37	0.418	12.98	40.7889	104.8675555	104.906355	2.527785	104.903852	
2010	275	2100	275.875000000		10/02/2010 21:00	245.38	3.5122	0.382	16.38	0.418	12.94	40.7932	104.8662448	104.905044	2.526468	104.902536	
2010	275	2200	275.916666667		10/02/2010 22:00	245.52	3.5141	0.382	16.37	0.418	12.9	40.7885	104.8676563	104.906455	2.527886	104.903953	
2010	275	2300	275.958333333		10/02/2010 23:00	245.8	3.5181	0.382	16.39	0.418	12.87	40.7793	104.8704793	104.909279	2.530722	104.906789	
2010	275	2400	276.000000000		10/03/2010 0:00	246.14	3.5229	0.382	16.38	0.418	12.84	40.7680	104.8739073	104.912707	2.534165	104.910233	
2010	276	100	276.041666667		10/03/2010 1:00	246.71	3.5309	0.382	16.39	0.418	12.81	40.7492	104.8796543	104.918453	2.539938	104.916005	
2010	276	200	276.083333333		10/03/2010 2:00	247.26	3.5386	0.382	16.38	0.418	12.78	40.7310	104.8851995	104.923999	2.545508	104.921576	
2010	276	300	276.125000000		10/03/2010 3:00	247.93	3.5481	0.382	16.4	0.418	12.75	40.7088	104.8919547	104.930754	2.552293	104.928361	
2010	276	400	276.166666667		10/03/2010 4:00	248.37	3.5543	0.382	16.37	0.418	12.72	40.6943	104.8963909	104.935190	2.556750	104.932817	
2010	276	500	276.208333333		10/03/2010 5:00	248.73	3.5593	0.382	16.38	0.418	12.7	40.6823	104.9000206	104.938820	2.560396	104.936463	
2010	276	600	276.250000000		10/03/2010 6:00	249	3.5631	0.382	16.38	0.418	12.68	40.6734	104.9027428	104.941542	2.563130	104.939198	
2010	276	700	276.291666667		10/03/2010 7:00	249.1	3.5645	0.382	16.38	0.418	12.73	40.6701	104.903751	104.942550	2.564143	104.940210	
2010	276	800	276.333333333		10/03/2010 8:00	249.15	3.5652	0.382	16.39	0.418	12.94	40.6685	104.9042551	104.943054	2.564649	104.940717	
2010	276	900	276.375000000		10/03/2010 9:00	249.15	3.5652	0.382	16.37	0.418	13.35	40.6685	104.9042551	104.943054	2.564649	104.940717	
2010	276	1000	276.416666667		10/03/2010 10:00	248.88	3.5614	0.382	16.37	0.418	13.36	40.6774	104.9015329	104.940332	2.561915	104.937982	
2010	276	1100	276.458333333		10/03/2010 11:00	248.2	3.5519	0.382	16.38	0.418	13.35	40.6999	104.8946769	104.933476	2.555028	104.931096	
2010	276	1200	276.500000000		10/03/2010 12:00	248.4	3.5547	0.382	16.37	0.418	13.33	40.6933	104.8966934	104.935493	2.557053	104.933121	
2010	276	1300	276.541666667		10/03/2010 13:00	247.59	3.5433	0.382	16.37	0.419	13.34	40.7201	104.8885267	104.927326	2.548850	104.924918	
2010	276	1400	276.583333333		10/03/2010 14:00	246.87	3.5331	0.382	16.38	0.418	13.33	40.7439	104.8812674	104.920067	2.541558	104.917626	
2010	276	1500	276.625000000		10/03/2010 15:00	246.39	3.5264	0.382	16.39	0.418	13.34	40.7598	104.8764279	104.915227	2.536697	104.912765	
2010	276	1600	276.666666667		10/03/2010 16:00	245.76	3.5175	0.382	16.37	0.418	13.34	40.7806	104.870076	104.908875	2.530316	104.906384	
2010	276	1700	276.708333333		10/03/2010 17:00	245.39	3.5123	0.382	16.39	0.418	13.28	40.7928	104.8663456	104.905145	2.526569	104.902637	
2010	276	1800	276.750000000		10/03/2010 18:00	244.93	3.5058	0.382	16.38	0.418	13.21	40.8080	104.8617077	104.900507	2.521910	104.897978	
2010	276	1900	276.791666667		10/03/2010 19:00	244.46	3.4992	0.382	16.39	0.418	13.15	40.8236	104.856969	104.895768	2.517150	104.893218	
2010	276	2000	276.833333333		10/03/2010 20:00	244.02	3.4930	0.382	16.38	0.418	13.09	40.8381	104.8525328	104.891332	2.512694	104.888762	
2010	276	2100	276.875000000		10/03/2010 21:00	243.7	3.4885	0.382	16.37	0.418	13.05	40.8487	104.8493064	104.888106	2.509453	104.885521	
2010	276	2200	276.916666667		10/03/2010 22:00	243.37	3.4839	0.382	16.38	0.418	13.01	40.8596	104.8459793	104.884778	2.506111	104.882179	
2010	276	2300	276.958333333		10/03/2010 23:00	242.97	3.4782	0.382	16.38	0.418	12.97	40.8729	104.8419463	104.880746	2.502060	104.878128	
2010	276	2400	277.000000000		10/04/2010 0:00	242.6	3.4730	0.382	16.38	0.418	12.93	40.8851	104.8382159	104.877015	2.498313	104.874381	
2010	277	100	277.041666667		10/04/2010 1:00	242.33	3.4692	0.382	16.37	0.418	12.9	40.8940	104.8354937	104.874293	2.495579	104.871646	
2010	277	200	277.083333333		10/04/2010 2:00	241.96	3.4640	0.382	16.38	0.418	12.86	40.9063	104.8317632	104.870562	2.491831	104.867899	
2010	277	300	277.125000000		10/04/2010 3:00	241.66	3.4598	0.382	16.39	0.418	12.84	40.9162	104.8287385	104.867538	2.488793	104.864861	
2010	277	400	277.166666667		10/04/2010 4:00	241.23	3.4537	0.382	16.39	0.418	12.81	40.9304	104.8244031	104.863202	2.484438	104.860506	
2010	277	500	277.208333333		10/04/2010 5:00	240.94	3.4497	0.382	16.39	0.418	12.78	40.9400	104.8214792	104.860278	2.481501	104.857569	
2010	277	600	277.250000000		10/04/2010 6:00	240.62	3.4452	0.382	16.37	0.418	12.75	40.9506	104.8182529	104.857052	2.478260	104.854328	
2010	277	700	277.291666667		10/04/2010 7:00	240.23	3.4397	0.383	16.38	0.419	13.47	40.9635	104.8143208	104.853120	2.474310	104.850378	
2010	277	800	277.333333333		10/04/2010 8:00	239.61	3.4309	0.382	16.38	0.419	13.45	40.9840	104.8080697	104.846869	2.468031	104.844099	
2010	277	900	277.375000000		10/04/2010 9:00	239.34	3.4271	0.382	16.38	0.418	13.4	40.9930	104.8053475	104.844147	2.465297	104.841365	
2010	277	1000	277.416666667		10/04/2010 10:00	239.39	3.4278	0.382	16.38	0.418	13.36	40.9913	104.8058516	104.844651	2.465803	104.841871	
2010	277	1100	277.458333333		10/04/2010 11:00	239	3.4223	0.382	16.39	0.418	13.33	41.0042	104.8019195	104.840719	2.461853	104.837921	
2010	277	1200	277.500000000		10/04/2010 12:00	238.97	3.4219	0.382	16.39	0.418	13.31	41.0052	104.801617	104.840416	2.461550	104.837617	
2010	277	1300	277.541666667		10/04/2010 13:00	238.91	3.4211	0.382	16.38	0.418	13.3	41.0072	104.8010121	104.839811	2.460942	104.837010	
2010	277	1400	277.583333333		10/04/2010 14:00	238.93	3.4214	0.382	16.38	0.418	13.28	41.0065	104.8012137	104.840013	2.461145	104.837212	
2010	277	1500	277.625000000		10/04/2010 15:00	239.1	3.4238	0.382	16.39	0.418	13.28	41.0009	104.8029277	104.841727	2.462866	104.838934	
2010	277	1600	277.666666667		10/04/2010 16:00	239.77	3.4332	0.382	16.38	0.418	13.28	40.9787	104.8096829	104.848482	2.469652	104.845719	
2010	277	1700	277.708333333		10/04/2010 17:00	240.33	3.4411	0.382	16.38	0.419	13.31	40.9602	104.815329	104.854128	2.475323	104.851391	
2010	277	1800	277.750000000		10/04/2010 18:00	240.84	3.4482	0.382	16.38	0.418	13.22	40.9433	104.820471	104.859270	2.480488	104.856556	
2010	277	1900	277.791666667		10/04/2010 19:00	241.55	3.4582	0.382	16.39	0.418	13.15	40.9199	104.8276294	104.866429	2.487679	104.863747	
2010	277	2000	277.833333333		10/04/2010 20:00	242.34	3.4694	0.383	16.39	0.419	13.1	40.8937	104.8355945	104.874394	2.495680	104.871748	
2010	277	2100	277.875000000		10/04/2010 21:00	242.94	3.4778	0.383	16.4	0.419	13.06	40.8739	104.8416439	104.880443	2.501756	104.877824	
2010	277	2200	277.916666667		10/04/2010 22:00	243.48	3.4854	0.383	16.39	0.419	13.02	40.8560	104.8470883	104.885888	2.507225	104.883293	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	277	2300	277.958333333		10/04/2010 23:00	243.75	3.4892	0.383	16.4	0.419	12.98	40.8471	104.8498106	104.888610	2.509960	104.886028	
2010	277	2400	278.000000000		10/05/2010 0:00	244.06	3.4936	0.383	16.4	0.419	12.94	40.8368	104.8529361	104.891735	2.513099	104.889167	
2010	278	100	278.041666667		10/05/2010 1:00	244.38	3.4981	0.383	16.38	0.419	12.91	40.8262	104.8561624	104.894962	2.516340	104.892408	
2010	278	200	278.083333333		10/05/2010 2:00	244.94	3.5060	0.383	16.39	0.419	12.87	40.8077	104.8618085	104.900608	2.522012	104.898079	
2010	278	300	278.125000000		10/05/2010 3:00	245.67	3.5163	0.383	16.4	0.419	12.85	40.7836	104.8691686	104.907968	2.529405	104.905473	
2010	278	400	278.166666667		10/05/2010 4:00	246.33	3.5255	0.383	16.39	0.419	12.82	40.7617	104.875823	104.914622	2.536089	104.912157	
2010	278	500	278.208333333		10/05/2010 5:00	246.74	3.5313	0.383	16.39	0.419	12.79	40.7482	104.8799567	104.918756	2.540242	104.916309	
2010	278	600	278.250000000		10/05/2010 6:00	246.99	3.5348	0.383	16.4	0.419	12.76	40.7399	104.8824773	104.921277	2.542773	104.918841	
2010	278	700	278.291666667		10/05/2010 7:00	246.66	3.5302	0.383	16.4	0.419	13.58	40.7508	104.8791501	104.917949	2.539431	104.915499	
2010	278	800	278.333333333		10/05/2010 8:00	246.3	3.5251	0.383	16.4	0.419	13.49	40.7627	104.8755205	104.914320	2.535785	104.911853	
2010	278	900	278.375000000		10/05/2010 9:00	245.78	3.5178	0.383	16.39	0.419	13.46	40.7799	104.8702777	104.909077	2.530519	104.906587	
2010	278	1000	278.416666667		10/05/2010 10:00	245.11	3.5084	0.383	16.38	0.419	13.41	40.8021	104.8635225	104.902322	2.523733	104.899801	
2010	278	1100	278.458333333		10/05/2010 11:00	244.57	3.5008	0.383	16.39	0.419	13.37	40.8200	104.8580781	104.896877	2.518265	104.894332	
2010	278	1200	278.500000000		10/05/2010 12:00	244.02	3.4930	0.383	16.39	0.419	13.34	40.8381	104.8525328	104.891332	2.512694	104.888762	
2010	278	1300	278.541666667		10/05/2010 13:00	243.96	3.4922	0.383	16.38	0.419	13.32	40.8401	104.8519279	104.890727	2.512087	104.888154	
2010	278	1400	278.583333333		10/05/2010 14:00	243.73	3.4889	0.383	16.39	0.419	13.3	40.8477	104.8496089	104.888408	2.509757	104.885825	
2010	278	1500	278.625000000		10/05/2010 15:00	243.65	3.4878	0.383	16.39	0.419	13.28	40.8504	104.8488023	104.887602	2.508947	104.885015	
2010	278	1600	278.666666667		10/05/2010 16:00	243.78	3.4896	0.383	16.4	0.419	13.28	40.8461	104.850113	104.888912	2.510264	104.886331	
2010	278	1700	278.708333333		10/05/2010 17:00	243.91	3.4915	0.383	16.4	0.419	13.3	40.8418	104.8514237	104.890223	2.511580	104.887648	
2010	278	1800	278.750000000		10/05/2010 18:00	243.98	3.4925	0.383	16.39	0.419	13.2	40.8395	104.8521295	104.890929	2.512289	104.888357	
2010	278	1900	278.791666667		10/05/2010 19:00	243.75	3.4892	0.383	16.39	0.419	13.14	40.8471	104.8498106	104.888610	2.509960	104.886028	
2010	278	2000	278.833333333		10/05/2010 20:00	243.46	3.4851	0.383	16.39	0.419	13.09	40.8567	104.8468867	104.885686	2.507023	104.883091	
2010	278	2100	278.875000000		10/05/2010 21:00	243.22	3.4818	0.383	16.4	0.419	13.04	40.8646	104.8444669	104.883266	2.504592	104.880660	
2010	278	2200	278.916666667		10/05/2010 22:00	243.02	3.4789	0.383	16.39	0.419	13	40.8712	104.8424505	104.881250	2.502567	104.878634	
2010	278	2300	278.958333333		10/05/2010 23:00	243	3.4787	0.383	16.37	0.419	12.97	40.8719	104.8422488	104.881048	2.502364	104.878432	
2010	278	2400	279.000000000		10/06/2010 0:00	243.45	3.4850	0.383	16.39	0.419	12.93	40.8570	104.8467859	104.885585	2.506922	104.882989	
2010	279	100	279.041666667		10/06/2010 1:00	244.35	3.4977	0.383	16.39	0.419	12.9	40.8272	104.85586	104.894659	2.516036	104.892104	
2010	279	200	279.083333333		10/06/2010 2:00	245.31	3.5112	0.383	16.39	0.419	12.87	40.7955	104.865539	104.904338	2.525759	104.901827	
2010	279	300	279.125000000		10/06/2010 3:00	246.3	3.5251	0.383	16.41	0.419	12.84	40.7627	104.8755205	104.914320	2.535785	104.911853	
2010	279	400	279.166666667		10/06/2010 4:00	247.05	3.5357	0.383	16.4	0.419	12.81	40.7379	104.8830822	104.921881	2.543381	104.919449	
2010	279	500	279.208333333		10/06/2010 5:00	247.64	3.5440	0.383	16.4	0.419	12.78	40.7184	104.8890308	104.927830	2.549356	104.925424	
2010	279	600	279.250000000		10/06/2010 6:00	247.99	3.5489	0.383	16.4	0.419	12.75	40.7068	104.8925596	104.931359	2.552901	104.928969	
2010	279	700	279.291666667		10/06/2010 7:00	247.94	3.5482	0.383	16.4	0.419	13.61	40.7085	104.8920555	104.930855	2.552395	104.928462	
2010	279	800	279.333333333		10/06/2010 8:00	247.73	3.5453	0.383	16.4	0.419	13.53	40.7154	104.8899382	104.928737	2.550268	104.926336	
2010	279	900	279.375000000		10/06/2010 9:00	247.64	3.5440	0.383	16.38	0.42	13.46	40.7184	104.8890308	104.927830	2.549356	104.925424	
2010	279	1000	279.416666667		10/06/2010 10:00	247.22	3.5381	0.383	16.39	0.419	13.42	40.7323	104.8847962	104.923595	2.545103	104.921171	
2010	279	1100	279.458333333		10/06/2010 11:00	246.47	3.5275	0.383	16.4	0.419	13.39	40.7571	104.8772345	104.916034	2.537507	104.913575	
2010	279	1200	279.500000000		10/06/2010 12:00	245.93	3.5199	0.383	16.39	0.419	13.36	40.7750	104.87179	104.910589	2.532038	104.908106	
2010	279	1300	279.541666667		10/06/2010 13:00	245.62	3.5155	0.383	16.4	0.419	13.32	40.7852	104.8686645	104.907464	2.528899	104.904966	
2010	279	1400	279.583333333		10/06/2010 14:00	245.07	3.5078	0.383	16.4	0.42	13.3	40.8034	104.8631192	104.901918	2.523328	104.899396	
2010	279	1500	279.625000000		10/06/2010 15:00	244.73	3.5030	0.383	16.4	0.419	13.27	40.8147	104.8596912	104.898490	2.519885	104.895953	
2010	279	1600	279.666666667		10/06/2010 16:00	244.96	3.5063	0.383	16.39	0.419	13.25	40.8071	104.8620102	104.900809	2.522214	104.898282	
2010	279	1700	279.708333333		10/06/2010 17:00	245.23	3.5101	0.383	16.4	0.419	13.27	40.7981	104.8647324	104.903532	2.524949	104.901016	
2010	279	1800	279.750000000		10/06/2010 18:00	244.93	3.5058	0.383	16.38	0.42	13.18	40.8080	104.8617077	104.900507	2.521910	104.897978	
2010	279	1900	279.791666667		10/06/2010 19:00	245	3.5068	0.383	16.39	0.419	13.12	40.8057	104.8624135	104.901213	2.522619	104.898687	
2010	279	2000	279.833333333		10/06/2010 20:00	245.58	3.5150	0.383	16.39	0.419	13.07	40.7865	104.8682612	104.907060	2.528493	104.904561	
2010	279	2100	279.875000000		10/06/2010 21:00	246.42	3.5268	0.383	16.39	0.419	13.02	40.7588	104.8767304	104.915530	2.537001	104.913068	
2010	279	2200	279.916666667		10/06/2010 22:00	247.44	3.5412	0.384	16.39	0.42	12.99	40.7250	104.8870144	104.925814	2.547331	104.923399	
2010	279	2300	279.958333333		10/06/2010 23:00	248.55	3.5568	0.384	16.39	0.42	12.96	40.6883	104.8982057	104.937005	2.558573	104.934640	
2010	279	2400	280.000000000		10/07/2010 0:00	249.52	3.5705	0.384	16.39	0.42	12.92	40.6562	104.9079856	104.946785	2.568396	104.944464	
2010	280	100	280.041666667		10/07/2010 1:00	250.33	3.5819	0.384	16.41	0.42	12.89	40.6294	104.9161523	104.954951	2.576600	104.952668	
2010	280	200	280.083333333		10/07/2010 2:00	251.02	3.5916	0.384	16.4	0.42	12.85	40.6066	104.9231091	104.961908	2.583588	104.959656	
2010	280	300	280.125000000		10/07/2010 3:00	251.46	3.5978	0.384	16.4	0.42	12.82	40.5920	104.9275453	104.966345	2.588044	104.964112	
2010	280	400	280.166666667		10/07/2010 4:00	251.51	3.5985	0.384	16.4	0.42	12.79	40.5904	104.9280494	104.966849	2.588550	104.964618	
2010	280	500	280.208333333		10/07/2010 5:00	251.39	3.5968	0.384	16.4	0.42	12.76	40.5944	104.9268395	104.965639	2.587335	104.963403	
2010	280	600	280.250000000		10/07/2010 6:00	251.07	3.5923	0.384	16.4	0.42	12.74	40.6049	104.9236132	104.962412	2.584094	104.960162	
2010	280	700	280.291666667		10/07/2010 7:00	250.41	3.5830	0.384	16.4	0.42	12.78	40.6268	104.9169589	104.955758	2.577410	104.953478	
2010	280	800	280.333333333		10/07/2010 8:00	249.59	3.5714	0.384	16.39	0.42	13.45	40.6539	104.9086914	104.947491	2.569105	104.945173	
2010	280	900	280.375000000		10/07/2010 9:00	248.99	3.5630	0.384	16.38	0.42	13.45	40.6737	104.902642	104.941441	2.563029	104.939096	
2010	280	1000	280.416666667		10/07/2010 10:00	248.19	3.5517	0.384	16.39	0.42	13.41	40.7002	104.8945761	104.933375	2.554927	104.930994	
2010	280	1100	280.458333333		10/07/2010 11:00	247.78	3.5460	0.384	16.39	0.42	13.39	40.7138	104.8904423	104.929242	2.550774	104.926842	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	280	1200	280.500000000		10/07/2010 12:00	247.32	3.5395	0.384	16.39	0.42	13.44	40.7290	104.8858045	104.924604	2.546116	104.922183	
2010	280	1300	280.541666667		10/07/2010 13:00	246.74	3.5313	0.384	16.4	0.42	13.39	40.7482	104.8799567	104.918756	2.540242	104.916309	
2010	280	1400	280.583333333		10/07/2010 14:00	246.48	3.5277	0.384	16.38	0.42	13.47	40.7568	104.8773353	104.916135	2.537608	104.913676	
2010	280	1500	280.625000000		10/07/2010 15:00	246.29	3.5250	0.384	16.39	0.42	13.47	40.7631	104.8754197	104.914219	2.535684	104.911752	
2010	280	1600	280.666666667		10/07/2010 16:00	246.46	3.5274	0.384	16.39	0.42	13.47	40.7574	104.8771337	104.915933	2.537406	104.913473	
2010	280	1700	280.708333333		10/07/2010 17:00	246.59	3.5292	0.384	16.39	0.42	13.35	40.7531	104.8784444	104.917244	2.538722	104.914790	
2010	280	1800	280.750000000		10/07/2010 18:00	246.85	3.5329	0.384	16.39	0.42	13.28	40.7445	104.8810658	104.919865	2.541356	104.917423	
2010	280	1900	280.791666667		10/07/2010 19:00	247.23	3.5382	0.384	16.39	0.42	13.22	40.7320	104.8848971	104.923696	2.545204	104.921272	
2010	280	2000	280.833333333		10/07/2010 20:00	247.84	3.5468	0.384	16.39	0.42	13.18	40.7118	104.8910473	104.929846	2.551382	104.927450	
2010	280	2100	280.875000000		10/07/2010 21:00	248.6	3.5575	0.384	16.4	0.42	13.13	40.6866	104.8987099	104.937509	2.559079	104.935147	
2010	280	2200	280.916666667		10/07/2010 22:00	249.5	3.5702	0.384	16.4	0.42	13.09	40.6569	104.9077839	104.946583	2.568194	104.944262	
2010	280	2300	280.958333333		10/07/2010 23:00	250.47	3.5838	0.384	16.41	0.42	13.05	40.6248	104.9175638	104.956363	2.578018	104.954085	
2010	280	2400	281.000000000		10/08/2010 0:00	251.32	3.5958	0.384	16.4	0.42	13.01	40.5967	104.9261338	104.964933	2.586626	104.962694	
2010	281	100	281.041666667		10/08/2010 1:00	252.05	3.6061	0.384	16.4	0.42	12.98	40.5725	104.9334939	104.972293	2.594019	104.970087	
2010	281	200	281.083333333		10/08/2010 2:00	252.52	3.6127	0.384	16.39	0.42	12.94	40.5570	104.9382326	104.977032	2.598779	104.974847	
2010	281	300	281.125000000		10/08/2010 3:00	252.71	3.6154	0.384	16.4	0.42	12.91	40.5507	104.9401482	104.978947	2.600704	104.976771	
2010	281	400	281.166666667		10/08/2010 4:00	252.58	3.6135	0.384	16.41	0.42	12.88	40.5550	104.9388375	104.977637	2.599387	104.975455	
2010	281	500	281.208333333		10/08/2010 5:00	252.23	3.6086	0.384	16.39	0.42	12.85	40.5666	104.9353087	104.974108	2.595842	104.971910	
2010	281	600	281.250000000		10/08/2010 6:00	251.61	3.5999	0.384	16.39	0.42	12.83	40.5871	104.9290577	104.967857	2.589563	104.965631	
2010	281	700	281.291666667		10/08/2010 7:00	250.8	3.5885	0.384	16.4	0.42	12.86	40.6139	104.920891	104.959690	2.581360	104.957428	
2010	281	800	281.333333333		10/08/2010 8:00	250.02	3.5775	0.384	16.4	0.42	13.45	40.6397	104.9130268	104.951826	2.573460	104.949528	
2010	281	900	281.375000000		10/08/2010 9:00	249.1	3.5645	0.384	16.39	0.42	13.44	40.6701	104.903751	104.942550	2.564143	104.940210	
2010	281	1000	281.416666667		10/08/2010 10:00	248.01	3.5492	0.384	16.4	0.42	13.41	40.7062	104.8927613	104.931560	2.553104	104.929171	
2010	281	1100	281.458333333		10/08/2010 11:00	247.68	3.5446	0.384	16.39	0.42	13.38	40.7171	104.8894341	104.928233	2.549762	104.925829	
2010	281	1200	281.500000000		10/08/2010 12:00	247.32	3.5395	0.384	16.4	0.42	13.36	40.7290	104.8858045	104.924604	2.546116	104.922183	
2010	281	1300	281.541666667		10/08/2010 13:00	246.93	3.5340	0.384	16.4	0.42	13.36	40.7419	104.8818724	104.920672	2.542166	104.918233	
2010	281	1400	281.583333333		10/08/2010 14:00	246.09	3.5222	0.384	16.39	0.42	13.37	40.7697	104.8734032	104.912202	2.533659	104.909726	
2010	281	1500	281.625000000		10/08/2010 15:00	245.84	3.5186	0.384	16.4	0.42	13.37	40.7779	104.8708826	104.909682	2.531127	104.907194	
2010	281	1600	281.666666667		10/08/2010 16:00	245.42	3.5127	0.384	16.4	0.42	13.36	40.7918	104.866648	104.905447	2.526873	104.902941	
2010	281	1700	281.708333333		10/08/2010 17:00	245.69	3.5165	0.384	16.4	0.42	13.37	40.7829	104.8693703	104.908169	2.529607	104.905675	
2010	281	1800	281.750000000		10/08/2010 18:00	245.79	3.5179	0.384	16.39	0.42	13.24	40.7796	104.8703785	104.909178	2.530620	104.906688	
2010	281	1900	281.791666667		10/08/2010 19:00	246.15	3.5230	0.384	16.39	0.42	13.18	40.7677	104.8740081	104.912807	2.534266	104.910334	
2010	281	2000	281.833333333		10/08/2010 20:00	246.66	3.5302	0.384	16.39	0.42	13.13	40.7508	104.8791501	104.917949	2.539431	104.915499	
2010	281	2100	281.875000000		10/08/2010 21:00	247.34	3.5398	0.384	16.39	0.42	13.09	40.7283	104.8860061	104.924805	2.546318	104.922386	
2010	281	2200	281.916666667		10/08/2010 22:00	248.22	3.5522	0.384	16.41	0.42	13.05	40.6992	104.8948786	104.933678	2.555230	104.931298	
2010	281	2300	281.958333333		10/08/2010 23:00	249.15	3.5652	0.384	16.4	0.42	13.01	40.6685	104.9042551	104.943054	2.564649	104.940717	
2010	281	2400	282.000000000		10/09/2010 0:00	250.12	3.5789	0.384	16.4	0.42	12.97	40.6364	104.914035	104.952834	2.574473	104.950541	
2010	282	100	282.041666667		10/09/2010 1:00	251.14	3.5933	0.384	16.41	0.42	12.94	40.6026	104.924319	104.963118	2.584803	104.960871	
2010	282	200	282.083333333		10/09/2010 2:00	252.34	3.6102	0.385	16.39	0.421	12.9	40.5629	104.9364178	104.975217	2.596956	104.973024	
2010	282	300	282.125000000		10/09/2010 3:00	253.65	3.6286	0.384	16.41	0.421	12.88	40.5196	104.9496256	104.988425	2.610224	104.986291	
2010	282	400	282.166666667		10/09/2010 4:00	254.81	3.6449	0.385	16.41	0.421	12.85	40.4812	104.9613211	105.000120	2.621972	104.998039	
2010	282	500	282.208333333		10/09/2010 5:00	255.92	3.6606	0.385	16.41	0.421	12.83	40.4445	104.9725125	105.011312	2.633213	105.009281	
2010	282	600	282.250000000		10/09/2010 6:00	256.7	3.6715	0.385	16.39	0.421	12.79	40.4187	104.9803767	105.019176	2.641113	105.017181	
2010	282	700	282.291666667		10/09/2010 7:00	257.26	3.6794	0.385	16.4	0.421	12.9	40.4002	104.9860228	105.024822	2.646784	105.022852	
2010	282	800	282.333333333		10/09/2010 8:00	257.66	3.6851	0.385	16.41	0.421	13.48	40.3870	104.9900557	105.028855	2.650836	105.026903	
2010	282	900	282.375000000		10/09/2010 9:00	257.88	3.6882	0.386	16.4	0.422	13.47	40.3797	104.9922739	105.031073	2.653064	105.029131	
2010	282	1000	282.416666667		10/09/2010 10:00	258.04	3.6904	0.387	16.4	0.423	13.44	40.3744	104.993887	105.032686	2.654684	105.030752	
2010	282	1100	282.458333333		10/09/2010 11:00	257.95	3.6891	0.387	16.4	0.423	13.42	40.3774	104.9929796	105.031779	2.653773	105.029840	
2010	282	1200	282.500000000		10/09/2010 12:00	257.68	3.6853	0.387	16.4	0.423	13.41	40.3863	104.9902574	105.029057	2.651038	105.027106	
2010	282	1300	282.541666667		10/09/2010 13:00	257.69	3.6855	0.385	16.4	0.422	13.41	40.3860	104.9903582	105.029157	2.651139	105.027207	
2010	282	1400	282.583333333		10/09/2010 14:00	257.56	3.6837	0.385	16.4	0.421	13.41	40.3903	104.9890475	105.027847	2.649823	105.025890	
2010	282	1500	282.625000000		10/09/2010 15:00	257.6	3.6842	0.386	16.4	0.422	13.41	40.3889	104.9894508	105.028250	2.650228	105.026296	
2010	282	1600	282.666666667		10/09/2010 16:00	257.84	3.6876	0.386	16.41	0.422	13.43	40.3810	104.9918706	105.030670	2.652658	105.028726	
2010	282	1700	282.708333333		10/09/2010 17:00	258.29	3.6939	0.385	16.4	0.422	13.32	40.3661	104.9964076	105.035207	2.657216	105.033284	
2010	282	1800	282.750000000		10/09/2010 18:00	258.78	3.7008	0.386	16.4	0.422	13.24	40.3499	105.001348	105.040147	2.662178	105.038246	
2010	282	1900	282.791666667		10/09/2010 19:00	259.05	3.7046	0.385	16.4	0.422	13.19	40.3410	105.0040702	105.042869	2.664913	105.040981	
2010	282	2000	282.833333333		10/09/2010 20:00	259.18	3.7065	0.386	16.4	0.422	13.14	40.3367	105.0053809	105.044180	2.666230	105.042297	
2010	282	2100	282.875000000		10/09/2010 21:00	259.11	3.7055	0.386	16.39	0.422	13.1	40.3390	105.0046751	105.043474	2.665521	105.041588	
2010	282	2200	282.916666667		10/09/2010 22:00	258.97	3.7035	0.386	16.4	0.422	13.05	40.3436	105.0032636	105.042063	2.664103	105.040170	
2010	282	2300	282.958333333		10/09/2010 23:00	258.88	3.7022	0.385	16.4	0.422	13.01	40.3466	105.0023562	105.041155	2.663191	105.039259	
2010	282	2400	283.000000000		10/10/2010 0:00	258.97	3.7035	0.386	16.39	0.422	12.98	40.3436	105.0032636	105.042063	2.664103	105.040170	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	100	283.041666667		10/10/2010 1:00	259.25	3.7074	0.386	16.39	0.422	12.95	40.3344	105.0060866	105.044886	2.666938	105.043006	
2010	283	200	283.083333333		10/10/2010 2:00	259.56	3.7118	0.386	16.39	0.422	12.92	40.3241	105.0092122	105.048011	2.670078	105.046146	
2010	283	300	283.125000000		10/10/2010 3:00	259.99	3.7179	0.386	16.41	0.422	12.88	40.3099	105.0135476	105.052347	2.674433	105.050501	
2010	283	400	283.166666667		10/10/2010 4:00	260.28	3.7219	0.386	16.39	0.422	12.85	40.3003	105.0164714	105.055271	2.677370	105.053438	
2010	283	500	283.208333333		10/10/2010 5:00	260.41	3.7238	0.386	16.39	0.422	12.83	40.2960	105.0177821	105.056581	2.678687	105.054754	
2010	283	600	283.250000000		10/10/2010 6:00	260.42	3.7239	0.386	16.39	0.422	12.79	40.2957	105.017883	105.056682	2.678788	105.054856	
2010	283	700	283.291666667		10/10/2010 7:00	260.4	3.7236	0.386	16.4	0.422	13.26	40.2963	105.0176813	105.056481	2.678585	105.054653	
2010	283	800	283.333333333		10/10/2010 8:00	260.12	3.7197	0.386	16.4	0.422	13.38	40.3056	105.0148583	105.053657	2.675750	105.051817	
2010	283	900	283.375000000		10/10/2010 9:00	260.09	3.7193	0.386	16.39	0.422	13.35	40.3066	105.0145558	105.053355	2.675446	105.051513	
2010	283	1000	283.416666667		10/10/2010 10:00	259.73	3.7142	0.386	16.4	0.422	13.31	40.3185	105.0109262	105.049725	2.671800	105.047867	
2010	283	1100	283.458333333		10/10/2010 11:00	260.32	3.7225	0.385	16.4	0.422	13.3	40.2990	105.0168747	105.055674	2.677775	105.053843	
2010	283	1200	283.500000000		10/10/2010 12:00	259.91	3.7167	0.386	16.39	0.422	13.33	40.3125	105.012741	105.051540	2.673623	105.049690	
2010	283	1300	283.541666667		10/10/2010 13:00	259.31	3.7083	0.385	16.39	0.422	13.36	40.3324	105.0066916	105.045491	2.667546	105.043614	
2010	283	1400	283.583333333		10/10/2010 14:00	259.22	3.7070	0.385	16.39	0.422	13.37	40.3354	105.0057842	105.044583	2.666635	105.042702	
2010	283	1500	283.625000000		10/10/2010 15:00	258.38	3.6952	0.386	16.38	0.422	13.32	40.3631	104.997315	105.036114	2.658127	105.034195	
2010	283	1600	283.666666667		10/10/2010 16:00	257.62	3.6845	0.386	16.39	0.422	13.46	40.3883	104.9896525	105.028452	2.650430	105.026498	
2010	283	1700	283.708333333		10/10/2010 17:00	257.09	3.6770	0.386	16.4	0.422	13.33	40.4058	104.9843088	105.023108	2.645063	105.021130	
2010	283	1800	283.750000000		10/10/2010 18:00	256.46	3.6682	0.386	16.39	0.422	13.26	40.4267	104.977957	105.016756	2.638682	105.014750	
2010	283	1900	283.791666667		10/10/2010 19:00	255.79	3.6587	0.386	16.39	0.422	13.2	40.4488	104.9712018	105.010001	2.631897	105.007964	
2010	283	2000	283.833333333		10/10/2010 20:00	255.13	3.6494	0.386	16.39	0.422	13.15	40.4706	104.9645475	105.003347	2.625213	105.001280	
2010	283	2100	283.875000000		10/10/2010 21:00	254.64	3.6425	0.386	16.4	0.422	13.11	40.4869	104.9596071	104.998406	2.620250	104.996318	
2010	283	2200	283.916666667		10/10/2010 22:00	254.03	3.6340	0.386	16.4	0.422	13.07	40.5070	104.9534569	104.992256	2.614072	104.990140	
2010	283	2300	283.958333333		10/10/2010 23:00	253.28	3.6234	0.386	16.4	0.422	13.03	40.5318	104.9458951	104.984694	2.606476	104.982544	
2010	283	2400	284.000000000		10/11/2010 0:00	252.83	3.6171	0.385	16.4	0.422	13	40.5467	104.9413581	104.980157	2.601919	104.977987	
2010	284	100	284.041666667		10/11/2010 1:00	252.21	3.6083	0.385	16.39	0.422	12.96	40.5672	104.9351071	104.973906	2.595640	104.971707	
2010	284	200	284.083333333		10/11/2010 2:00	251.99	3.6052	0.385	16.41	0.422	12.93	40.5745	104.9328889	104.971688	2.593412	104.969479	
2010	284	300	284.125000000		10/11/2010 3:00	251.74	3.6017	0.385	16.39	0.422	12.9	40.5828	104.9303684	104.969168	2.590880	104.966947	
2010	284	400	284.166666667		10/11/2010 4:00	251.56	3.5992	0.385	16.39	0.422	12.87	40.5887	104.9285535	104.967353	2.589057	104.965125	
2010	284	500	284.208333333		10/11/2010 5:00	251.37	3.5965	0.386	16.38	0.422	12.84	40.5950	104.9266379	104.965437	2.587133	104.963200	
2010	284	600	284.250000000		10/11/2010 6:00	251.13	3.5931	0.385	16.38	0.422	12.81	40.6030	104.9242181	104.963017	2.584702	104.960770	
2010	284	700	284.291666667		10/11/2010 7:00	250.58	3.5854	0.385	16.39	0.422	13.62	40.6212	104.9186729	104.957472	2.579132	104.955199	
2010	284	800	284.333333333		10/11/2010 8:00	250.16	3.5795	0.385	16.4	0.422	13.54	40.6350	104.9144383	104.953237	2.574878	104.950946	
2010	284	900	284.375000000		10/11/2010 9:00	250	3.5772	0.386	16.39	0.422	13.51	40.6403	104.9128251	104.951624	2.573258	104.949325	
2010	284	1000	284.416666667		10/11/2010 10:00	249.69	3.5728	0.386	16.38	0.422	13.47	40.6506	104.9096996	104.948499	2.570118	104.946186	
2010	284	1100	284.458333333		10/11/2010 11:00	249.44	3.5693	0.386	16.39	0.422	13.44	40.6589	104.907179	104.945978	2.567586	104.943654	
2010	284	1200	284.500000000		10/11/2010 12:00	249.62	3.5719	0.385	16.39	0.422	13.43	40.6529	104.9089938	104.947793	2.569409	104.945477	
2010	284	1300	284.541666667		10/11/2010 13:00	249.71	3.5731	0.386	16.39	0.422	13.41	40.6499	104.9099012	104.948700	2.570321	104.946388	
2010	284	1400	284.583333333		10/11/2010 14:00	250.09	3.5785	0.385	16.38	0.422	13.4	40.6374	104.9137325	104.952532	2.574169	104.950237	
2010	284	1500	284.625000000		10/11/2010 15:00	250.97	3.5909	0.385	16.39	0.422	13.39	40.6083	104.922605	104.961404	2.583081	104.959149	
2010	284	1600	284.666666667		10/11/2010 16:00	251.78	3.6023	0.385	16.39	0.422	13.39	40.5815	104.9307717	104.969571	2.591285	104.967353	
2010	284	1700	284.708333333		10/11/2010 17:00	252.69	3.6151	0.385	16.39	0.422	13.41	40.5514	104.9399466	104.978746	2.600501	104.976569	
2010	284	1800	284.750000000		10/11/2010 18:00	253.39	3.6249	0.385	16.39	0.422	13.28	40.5282	104.9470042	104.985803	2.607590	104.983658	
2010	284	1900	284.791666667		10/11/2010 19:00	254.01	3.6337	0.385	16.4	0.422	13.22	40.5077	104.9532552	104.992054	2.613870	104.989937	
2010	284	2000	284.833333333		10/11/2010 20:00	254.53	3.6410	0.385	16.4	0.422	13.17	40.4905	104.9584981	104.997297	2.619136	104.995204	
2010	284	2100	284.875000000		10/11/2010 21:00	254.89	3.6461	0.385	16.41	0.422	13.13	40.4786	104.9621277	105.000927	2.622782	104.998850	
2010	284	2200	284.916666667		10/11/2010 22:00	255.18	3.6501	0.385	16.38	0.422	13.09	40.4690	104.9650516	105.003851	2.625719	105.001787	
2010	284	2300	284.958333333		10/11/2010 23:00	255.34	3.6524	0.385	16.4	0.422	13.05	40.4637	104.9666647	105.005464	2.627339	105.003407	
2010	284	2400	285.000000000		10/12/2010 0:00	255.73	3.6579	0.385	16.38	0.422	13.02	40.4508	104.9705969	105.009396	2.631289	105.007357	
2010	285	100	285.041666667		10/12/2010 1:00	256.19	3.6644	0.385	16.4	0.422	12.99	40.4356	104.9752347	105.014034	2.635948	105.012016	
2010	285	200	285.083333333		10/12/2010 2:00	256.98	3.6755	0.385	16.39	0.422	12.95	40.4094	104.9831998	105.021999	2.643949	105.020016	
2010	285	300	285.125000000		10/12/2010 3:00	257.71	3.6858	0.386	16.4	0.422	12.92	40.3853	104.9905599	105.029359	2.651342	105.027410	
2010	285	400	285.166666667		10/12/2010 4:00	258.15	3.6920	0.386	16.4	0.422	12.89	40.3707	104.9949961	105.033795	2.655798	105.031866	
2010	285	500	285.208333333		10/12/2010 5:00	258.7	3.6997	0.386	16.39	0.422	12.85	40.3526	105.0005414	105.039341	2.661368	105.037436	
2010	285	600	285.250000000		10/12/2010 6:00	258.64	3.6989	0.386	16.39	0.422	12.82	40.3545	104.9999364	105.038736	2.660761	105.036828	
2010	285	700	285.291666667		10/12/2010 7:00	258.45	3.6962	0.386	16.39	0.422	13.72	40.3608	104.9980208	105.036820	2.658836	105.034904	
2010	285	800	285.333333333		10/12/2010 8:00	258.07	3.6908	0.386	16.39	0.422	13.64	40.3734	104.9941895	105.032989	2.654988	105.031056	
2010	285	900	285.375000000		10/12/2010 9:00	257.62	3.6845	0.386	16.4	0.422	13.54	40.3883	104.9896525	105.028452	2.650430	105.026498	
2010	285	1000	285.416666667		10/12/2010 10:00	257.53	3.6832	0.386	16.37	0.422	13.49	40.3913	104.988745	105.027544	2.649519	105.025587	
2010	285	1100	285.458333333		10/12/2010 11:00	257.31	3.6801	0.386	16.39	0.422	13.47	40.3985	104.9865269	105.025326	2.647291	105.023359	
2010	285	1200	285.500000000		10/12/2010 12:00	257.14	3.6777	0.386	16.38	0.422	13.46	40.4042	104.9848129	105.023612	2.645569	105.021637	
2010	285	1300	285.541666667		10/12/2010 13:00	257.08	3.6769	0.386	16.39	0.422	13.43	40.4061	104.984208	105.023007	2.644961	105.021029	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	285	1400	285.583333333		10/12/2010 14:00	257.12	3.6775	0.386	16.4	0.422	13.41	40.4048	104.9846113	105.023410	2.645367	105.021434	
2010	285	1500	285.625000000		10/12/2010 15:00	257.26	3.6794	0.386	16.4	0.422	13.39	40.4002	104.9860228	105.024822	2.646784	105.022852	
2010	285	1600	285.666666667		10/12/2010 16:00	258.13	3.6917	0.386	16.38	0.422	13.37	40.3714	104.9947944	105.033594	2.655596	105.031663	
2010	285	1700	285.708333333		10/12/2010 17:00	259.17	3.7063	0.386	16.39	0.422	13.42	40.3370	105.0052801	105.044079	2.666128	105.042196	
2010	285	1800	285.750000000		10/12/2010 18:00	259.91	3.7167	0.386	16.39	0.422	13.28	40.3125	105.012741	105.051540	2.673623	105.049690	
2010	285	1900	285.791666667		10/12/2010 19:00	260.7	3.7279	0.386	16.4	0.422	13.22	40.2864	105.020706	105.059505	2.681624	105.057691	
2010	285	2000	285.833333333		10/12/2010 20:00	261.47	3.7387	0.386	16.4	0.422	13.17	40.2609	105.0284694	105.067269	2.689422	105.065490	
2010	285	2100	285.875000000		10/12/2010 21:00	262.23	3.7494	0.386	16.38	0.422	13.13	40.2358	105.036132	105.074931	2.697119	105.073187	
2010	285	2200	285.916666667		10/12/2010 22:00	263.05	3.7609	0.386	16.39	0.422	13.09	40.2087	105.0443995	105.083199	2.705424	105.081491	
2010	285	2300	285.958333333		10/12/2010 23:00	263.9	3.7729	0.386	16.38	0.423	13.05	40.1805	105.0529695	105.091769	2.714032	105.090100	
2010	285	2400	286.000000000		10/13/2010 0:00	264.85	3.7863	0.386	16.4	0.422	13.02	40.1491	105.0625477	105.101347	2.723653	105.099721	
2010	286	100	286.041666667		10/13/2010 1:00	265.81	3.7998	0.386	16.39	0.423	12.98	40.1174	105.0722267	105.111026	2.733376	105.109444	
2010	286	200	286.083333333		10/13/2010 2:00	266.94	3.8157	0.387	16.39	0.423	12.96	40.0800	105.0836197	105.122419	2.744820	105.120888	
2010	286	300	286.125000000		10/13/2010 3:00	267.85	3.8285	0.387	16.39	0.423	12.93	40.0499	105.0927947	105.131594	2.754036	105.130104	
2010	286	400	286.166666667		10/13/2010 4:00	268.53	3.8381	0.387	16.39	0.424	12.88	40.0274	105.0996507	105.138450	2.760923	105.136991	
2010	286	500	286.208333333		10/13/2010 5:00	268.73	3.8409	0.388	16.42	0.424	12.86	40.0208	105.1016671	105.140466	2.762949	105.139016	
2010	286	600	286.250000000		10/13/2010 6:00	268.63	3.8395	0.388	16.41	0.424	12.83	40.0241	105.1006589	105.139458	2.761936	105.138004	
2010	286	700	286.291666667		10/13/2010 7:00	268.12	3.8323	0.388	16.4	0.424	13.75	40.0410	105.0955169	105.134316	2.756771	105.132838	
2010	286	800	286.333333333		10/13/2010 8:00	267.26	3.8202	0.388	16.39	0.424	13.66	40.0694	105.0868461	105.125645	2.748061	105.124129	
2010	286	900	286.375000000		10/13/2010 9:00	266.38	3.8078	0.387	16.39	0.424	13.56	40.0985	105.0779736	105.116773	2.739149	105.115216	
2010	286	1000	286.416666667		10/13/2010 10:00	265.35	3.7933	0.387	16.4	0.423	13.51	40.1326	105.0675888	105.106388	2.728717	105.104785	
2010	286	1100	286.458333333		10/13/2010 11:00	264.42	3.7802	0.387	16.39	0.423	13.47	40.1633	105.0582123	105.097011	2.719298	105.095366	
2010	286	1200	286.500000000		10/13/2010 12:00	263.48	3.7670	0.387	16.38	0.423	13.45	40.1944	105.0487349	105.087534	2.709778	105.085846	
2010	286	1300	286.541666667		10/13/2010 13:00	262.87	3.7584	0.387	16.38	0.423	13.41	40.2146	105.0425847	105.081384	2.703601	105.079668	
2010	286	1400	286.583333333		10/13/2010 14:00	262.43	3.7522	0.387	16.39	0.423	13.38	40.2292	105.0381485	105.076948	2.699144	105.075212	
2010	286	1500	286.625000000		10/13/2010 15:00	262.29	3.7502	0.386	16.4	0.423	13.35	40.2338	105.0367369	105.075536	2.697727	105.073794	
2010	286	1600	286.666666667		10/13/2010 16:00	263.13	3.7621	0.386	16.39	0.423	13.34	40.2060	105.0452061	105.084005	2.706234	105.082301	
2010	286	1700	286.708333333		10/13/2010 17:00	264.42	3.7802	0.386	16.39	0.423	13.36	40.1633	105.0582123	105.097011	2.719298	105.095366	
2010	286	1800	286.750000000		10/13/2010 18:00	265.37	3.7936	0.387	16.38	0.423	13.25	40.1319	105.0677905	105.106590	2.728920	105.104987	
2010	286	1900	286.791666667		10/13/2010 19:00	266.3	3.8067	0.387	16.39	0.423	13.18	40.1012	105.0771671	105.115966	2.738338	105.114406	
2010	286	2000	286.833333333		10/13/2010 20:00	267.49	3.8235	0.387	16.39	0.423	13.13	40.0618	105.089165	105.127964	2.750390	105.126458	
2010	286	2100	286.875000000		10/13/2010 21:00	268.82	3.8422	0.387	16.37	0.423	13.09	40.0178	105.1025745	105.141374	2.763860	105.139928	
2010	286	2200	286.916666667		10/13/2010 22:00	270.03	3.8592	0.387	16.4	0.423	13.05	39.9778	105.1147741	105.153573	2.776115	105.152182	
2010	286	2300	286.958333333		10/13/2010 23:00	271.43	3.8789	0.387	16.38	0.423	13.02	39.9315	105.1288894	105.167689	2.790293	105.166361	
2010	286	2400	287.000000000		10/14/2010 0:00	272.77	3.8978	0.387	16.39	0.423	12.99	39.8871	105.1423997	105.181199	2.803864	105.179932	
2010	287	100	287.041666667		10/14/2010 1:00	273.97	3.9147	0.387	16.38	0.423	12.96	39.8474	105.1544985	105.193298	2.816018	105.192085	
2010	287	200	287.083333333		10/14/2010 2:00	275.31	3.9336	0.387	16.38	0.423	12.92	39.8031	105.1680088	105.206808	2.829589	105.205656	
2010	287	300	287.125000000		10/14/2010 3:00	276.05	3.9440	0.387	16.39	0.423	12.89	39.7786	105.1754698	105.214269	2.837083	105.213151	
2010	287	400	287.166666667		10/14/2010 4:00	276.26	3.9469	0.387	16.4	0.423	12.86	39.7717	105.177587	105.216386	2.839210	105.215278	
2010	287	500	287.208333333		10/14/2010 5:00	276.02	3.9435	0.387	16.39	0.423	12.83	39.7796	105.1751673	105.213966	2.836779	105.212847	
2010	287	600	287.250000000		10/14/2010 6:00	275.5	3.9362	0.387	16.38	0.423	12.79	39.7968	105.1699245	105.208724	2.831513	105.207581	
2010	287	700	287.291666667		10/14/2010 7:00	274.71	3.9251	0.387	16.39	0.423	13.69	39.8230	105.1619594	105.200759	2.823512	105.199580	
2010	287	800	287.333333333		10/14/2010 8:00	273.53	3.9085	0.387	16.39	0.423	13.72	39.8620	105.1500623	105.188861	2.811561	105.187629	
2010	287	900	287.375000000		10/14/2010 9:00	272.07	3.8879	0.387	16.38	0.423	13.62	39.9103	105.1353421	105.174141	2.796775	105.172843	
2010	287	1000	287.416666667		10/14/2010 10:00	270.98	3.8726	0.387	16.36	0.423	13.52	39.9464	105.1243524	105.163152	2.785736	105.161804	
2010	287	1100	287.458333333		10/14/2010 11:00	269.42	3.8506	0.387	16.39	0.423	13.46	39.9980	105.1086239	105.147423	2.769937	105.146004	
2010	287	1200	287.500000000		10/14/2010 12:00	268.38	3.8360	0.386	16.39	0.423	13.43	40.0324	105.0981383	105.136938	2.759404	105.135472	
2010	287	1300	287.541666667		10/14/2010 13:00	267.58	3.8247	0.386	16.38	0.423	13.39	40.0588	105.0900724	105.128872	2.751302	105.127370	
2010	287	1400	287.583333333		10/14/2010 14:00	266.56	3.8104	0.386	16.39	0.423	13.37	40.0926	105.0797885	105.118588	2.740972	105.117039	
2010	287	1500	287.625000000		10/14/2010 15:00	266.01	3.8026	0.386	16.37	0.423	13.35	40.1108	105.0742432	105.113042	2.735401	105.111469	
2010	287	1600	287.666666667		10/14/2010 16:00	265.96	3.8019	0.386	16.37	0.423	13.35	40.1124	105.0737391	105.112538	2.734895	105.110963	
2010	287	1700	287.708333333		10/14/2010 17:00	265.89	3.8009	0.386	16.37	0.423	13.34	40.1147	105.0730333	105.111833	2.734186	105.110254	
2010	287	1800	287.750000000		10/14/2010 18:00	265.76	3.7991	0.386	16.39	0.423	13.25	40.1190	105.0717226	105.110522	2.732870	105.108937	
2010	287	1900	287.791666667		10/14/2010 19:00	266.03	3.8029	0.386	16.37	0.423	13.19	40.1101	105.0744448	105.113244	2.735604	105.111672	
2010	287	2000	287.833333333		10/14/2010 20:00	266.32	3.8070	0.386	16.38	0.423	13.15	40.1005	105.0773687	105.116168	2.738541	105.114609	
2010	287	2100	287.875000000		10/14/2010 21:00	267.39	3.8220	0.386	16.38	0.423	13.1	40.0651	105.0881568	105.126956	2.749378	105.125445	
2010	287	2200	287.916666667		10/14/2010 22:00	268.31	3.8350	0.386	16.38	0.423	13.06	40.0347	105.0974325	105.136232	2.758695	105.134763	
2010	287	2300	287.958333333		10/14/2010 23:00	269.31	3.8491	0.386	16.38	0.423	13.02	40.0016	105.1075149	105.146314	2.768823	105.144890	
2010	287	2400	288.000000000		10/15/2010 0:00	270.23	3.8620	0.386	16.38	0.423	12.99	39.9712	105.1167906	105.155590	2.778140	105.154208	
2010	288	100	288.041666667		10/15/2010 1:00	271.3	3.8771	0.386	16.39	0.422	12.96	39.9358	105.1275787	105.166378	2.788977	105.165044	
2010	288	200	288.083333333		10/15/2010 2:00	272.2	3.8898	0.386	16.39	0.422	12.92	39.9060	105.1366528	105.175452	2.798092	105.174159	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	300	288.125000000		10/15/2010 3:00	272.62	3.8957	0.386	16.36	0.423	12.89	39.8921	105.1408874	105.179687	2.802345	105.178413	
2010	288	400	288.166666667		10/15/2010 4:00	272.94	3.9002	0.386	16.37	0.423	12.86	39.8815	105.1441137	105.182913	2.805586	105.181654	
2010	288	500	288.208333333		10/15/2010 5:00	272.83	3.8986	0.386	16.37	0.423	12.83	39.8852	105.1430047	105.181804	2.804472	105.180540	
2010	288	600	288.250000000		10/15/2010 6:00	272.4	3.8926	0.386	16.37	0.423	12.79	39.8994	105.1386693	105.177468	2.800117	105.176185	
2010	288	700	288.291666667		10/15/2010 7:00	271.47	3.8795	0.386	16.36	0.423	13.62	39.9301	105.1292927	105.168092	2.790698	105.166766	
2010	288	800	288.333333333		10/15/2010 8:00	270.43	3.8648	0.386	16.37	0.423	13.54	39.9645	105.1188071	105.157606	2.780166	105.156233	
2010	288	900	288.375000000		10/15/2010 9:00	269.86	3.8568	0.386	16.37	0.423	13.5	39.9834	105.1130601	105.151859	2.774393	105.150461	
2010	288	1000	288.416666667		10/15/2010 10:00	268.96	3.8442	0.386	16.37	0.423	13.45	40.0132	105.1039861	105.142785	2.765278	105.141346	
2010	288	1100	288.458333333		10/15/2010 11:00	267.5	3.8236	0.386	16.36	0.423	13.42	40.0615	105.0892659	105.128065	2.750492	105.126559	
2010	288	1200	288.500000000		10/15/2010 12:00	266.65	3.8116	0.386	16.37	0.423	13.41	40.0896	105.0806959	105.119495	2.741883	105.117951	
2010	288	1300	288.541666667		10/15/2010 13:00	266	3.8025	0.386	16.36	0.423	13.39	40.1111	105.0741424	105.112942	2.735300	105.111368	
2010	288	1400	288.583333333		10/15/2010 14:00	265.08	3.7895	0.386	16.36	0.423	13.39	40.1415	105.0648666	105.103666	2.725983	105.102050	
2010	288	1500	288.625000000		10/15/2010 15:00	264.6	3.7828	0.386	16.37	0.423	13.38	40.1574	105.0600271	105.098826	2.721121	105.097189	
2010	288	1600	288.666666667		10/15/2010 16:00	263.95	3.7736	0.386	16.35	0.423	13.41	40.1789	105.0534736	105.092273	2.714538	105.090606	
2010	288	1700	288.708333333		10/15/2010 17:00	263.41	3.7660	0.386	16.35	0.423	13.38	40.1968	105.0480291	105.086828	2.709070	105.085137	
2010	288	1800	288.750000000		10/15/2010 18:00	262.72	3.7563	0.386	16.36	0.423	13.3	40.2196	105.0410723	105.079872	2.702081	105.078149	
2010	288	1900	288.791666667		10/15/2010 19:00	262.09	3.7474	0.386	16.37	0.423	13.23	40.2404	105.0347205	105.073520	2.695701	105.071769	
2010	288	2000	288.833333333		10/15/2010 20:00	261.45	3.7384	0.386	16.36	0.422	13.18	40.2616	105.0282678	105.067067	2.689219	105.065287	
2010	288	2100	288.875000000		10/15/2010 21:00	260.84	3.7298	0.386	16.37	0.423	13.14	40.2818	105.0221175	105.060917	2.683041	105.059109	
2010	288	2200	288.916666667		10/15/2010 22:00	260.28	3.7219	0.386	16.36	0.423	13.1	40.3003	105.0164714	105.055271	2.677370	105.053438	
2010	288	2300	288.958333333		10/15/2010 23:00	259.75	3.7145	0.386	16.36	0.423	13.06	40.3178	105.0111278	105.049927	2.672002	105.048070	
2010	288	2400	289.000000000		10/16/2010 0:00	259.26	3.7076	0.386	16.36	0.423	13.04	40.3340	105.0061875	105.044987	2.667040	105.043107	
2010	289	100	289.041666667		10/16/2010 1:00	259	3.7039	0.386	16.36	0.423	13	40.3426	105.0035661	105.042365	2.664407	105.040474	
2010	289	200	289.083333333		10/16/2010 2:00	259.14	3.7059	0.386	16.36	0.423	12.97	40.3380	105.0049776	105.043777	2.665824	105.041892	
2010	289	300	289.125000000		10/16/2010 3:00	259.51	3.7111	0.386	16.37	0.423	12.94	40.3258	105.0087081	105.047507	2.669572	105.045639	
2010	289	400	289.166666667		10/16/2010 4:00	260.05	3.7187	0.386	16.37	0.423	12.91	40.3079	105.0141525	105.052952	2.675041	105.051108	
2010	289	500	289.208333333		10/16/2010 5:00	260.54	3.7256	0.386	16.37	0.423	12.87	40.2917	105.0190929	105.057892	2.680003	105.056071	
2010	289	600	289.250000000		10/16/2010 6:00	260.8	3.7293	0.386	16.37	0.422	12.85	40.2831	105.0217143	105.060513	2.682636	105.058704	
2010	289	700	289.291666667		10/16/2010 7:00	261.08	3.7332	0.386	16.38	0.423	13.33	40.2738	105.0245373	105.063337	2.685472	105.061540	
2010	289	800	289.333333333		10/16/2010 8:00	261.39	3.7376	0.386	16.35	0.423	13.7	40.2636	105.0276628	105.066462	2.688612	105.064679	
2010	289	900	289.375000000		10/16/2010 9:00	261.95	3.7455	0.386	16.36	0.423	13.59	40.2450	105.0333089	105.072108	2.694283	105.070351	
2010	289	1000	289.416666667		10/16/2010 10:00	262.1	3.7476	0.386	16.35	0.423	13.54	40.2401	105.0348213	105.073620	2.695802	105.071870	
2010	289	1100	289.458333333		10/16/2010 11:00	262.38	3.7515	0.386	16.36	0.423	13.49	40.2308	105.0376443	105.076444	2.698638	105.074706	
2010	289	1200	289.500000000		10/16/2010 12:00	262.3	3.7504	0.386	16.36	0.423	13.46	40.2335	105.0368377	105.075637	2.697828	105.073896	
2010	289	1300	289.541666667		10/16/2010 13:00	262.13	3.7480	0.386	16.37	0.422	13.43	40.2391	105.0351238	105.073923	2.696106	105.072174	
2010	289	1400	289.583333333		10/16/2010 14:00	261.42	3.7380	0.386	16.36	0.422	13.41	40.2626	105.0279653	105.066765	2.688915	105.064983	
2010	289	1500	289.625000000		10/16/2010 15:00	260.59	3.7263	0.386	16.37	0.423	13.4	40.2900	105.019597	105.058396	2.680510	105.056577	
2010	289	1600	289.666666667		10/16/2010 16:00	260.19	3.7207	0.386	16.37	0.422	13.41	40.3033	105.015564	105.054363	2.676458	105.052526	
2010	289	1700	289.708333333		10/16/2010 17:00	259.73	3.7142	0.386	16.36	0.422	13.45	40.3185	105.0109262	105.049725	2.671800	105.047867	
2010	289	1800	289.750000000		10/16/2010 18:00	258.98	3.7036	0.386	16.36	0.423	13.31	40.3433	105.0033644	105.042164	2.664204	105.040272	
2010	289	1900	289.791666667		10/16/2010 19:00	258.38	3.6952	0.386	16.36	0.423	13.24	40.3631	104.997315	105.036114	2.658127	105.034195	
2010	289	2000	289.833333333		10/16/2010 20:00	257.71	3.6858	0.386	16.37	0.423	13.2	40.3853	104.9905599	105.029359	2.651342	105.027410	
2010	289	2100	289.875000000		10/16/2010 21:00	257.14	3.6777	0.386	16.37	0.423	13.15	40.4042	104.9848129	105.023612	2.645569	105.021637	
2010	289	2200	289.916666667		10/16/2010 22:00	256.64	3.6707	0.386	16.37	0.423	13.12	40.4207	104.9797718	105.018571	2.640505	105.016573	
2010	289	2300	289.958333333		10/16/2010 23:00	256.22	3.6648	0.386	16.38	0.423	13.08	40.4346	104.9755372	105.014336	2.636252	105.012319	
2010	289	2400	290.000000000		10/17/2010 0:00	255.7	3.6575	0.386	16.38	0.423	13.05	40.4518	104.9702944	105.009094	2.630985	105.007053	
2010	290	100	290.041666667		10/17/2010 1:00	255.34	3.6524	0.386	16.37	0.423	13.02	40.4637	104.9666647	105.005464	2.627339	105.003407	
2010	290	200	290.083333333		10/17/2010 2:00	255.02	3.6479	0.386	16.37	0.423	12.98	40.4743	104.9634384	105.002238	2.624098	105.000166	
2010	290	300	290.125000000		10/17/2010 3:00	254.81	3.6449	0.386	16.38	0.423	12.94	40.4812	104.9613211	105.000120	2.621972	104.998039	
2010	290	400	290.166666667		10/17/2010 4:00	254.7	3.6434	0.386	16.39	0.423	12.91	40.4849	104.9602121	104.999011	2.620858	104.996925	
2010	290	500	290.208333333		10/17/2010 5:00	254.65	3.6427	0.386	16.38	0.423	12.88	40.4865	104.9597079	104.998507	2.620351	104.996419	
2010	290	600	290.250000000		10/17/2010 6:00	254.76	3.6442	0.386	16.38	0.423	12.84	40.4829	104.960817	104.999616	2.621465	104.997533	
2010	290	700	290.291666667		10/17/2010 7:00	254.88	3.6459	0.386	16.37	0.423	13.45	40.4789	104.9620269	105.000826	2.622681	104.998748	
2010	290	800	290.333333333		10/17/2010 8:00	254.97	3.6472	0.386	16.38	0.423	13.78	40.4759	104.9629343	105.001733	2.623592	104.999660	
2010	290	900	290.375000000		10/17/2010 9:00	255.33	3.6523	0.386	16.38	0.423	13.65	40.4640	104.9665639	105.005363	2.627238	105.003306	
2010	290	1000	290.416666667		10/17/2010 10:00	255.55	3.6554	0.386	16.36	0.423	13.58	40.4568	104.968782	105.007581	2.629466	105.005534	
2010	290	1100	290.458333333		10/17/2010 11:00	255.57	3.6556	0.386	16.37	0.423	13.53	40.4561	104.9689837	105.007783	2.629669	105.005736	
2010	290	1200	290.500000000		10/17/2010 12:00	255.19	3.6503	0.386	16.36	0.423	13.49	40.4687	104.9651524	105.003952	2.625820	105.001888	
2010	290	1300	290.541666667		10/17/2010 13:00	255.13	3.6494	0.386	16.37	0.423	13.46	40.4706	104.9645475	105.003347	2.625213	105.001280	
2010	290	1400	290.583333333		10/17/2010 14:00	254.49	3.6404	0.386	16.38	0.423	13.43	40.4918	104.9580948	104.996894	2.618731	104.994799	
2010	290	1500	290.625000000		10/17/2010 15:00	253.84	3.6313	0.386	16.37	0.423	13.41	40.5133	104.9515413	104.990340	2.612148	104.988216	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1600	290.666666667		10/17/2010 16:00	253.34	3.6242	0.386	16.37	0.423	13.39	40.5299	104.9465001	104.985299	2.607084	104.983152	
2010	290	1700	290.708333333		10/17/2010 17:00	253.22	3.6225	0.386	16.37	0.423	13.43	40.5338	104.9452902	104.984089	2.605869	104.981936	
2010	290	1800	290.750000000		10/17/2010 18:00	252.47	3.6120	0.386	16.37	0.423	13.3	40.5586	104.9377285	104.976528	2.598273	104.974341	
2010	290	1900	290.791666667		10/17/2010 19:00	251.91	3.6041	0.386	16.35	0.423	13.23	40.5772	104.9320824	104.970882	2.592601	104.968669	
2010	290	2000	290.833333333		10/17/2010 20:00	251.34	3.5961	0.386	16.37	0.423	13.19	40.5960	104.9263354	104.965135	2.586829	104.962896	
2010	290	2100	290.875000000		10/17/2010 21:00	250.74	3.5876	0.386	16.39	0.423	13.14	40.6159	104.920286	104.959085	2.580752	104.956820	
2010	290	2200	290.916666667		10/17/2010 22:00	250.26	3.5809	0.386	16.4	0.423	13.1	40.6317	104.9154465	104.954246	2.575891	104.951959	
2010	290	2300	290.958333333		10/17/2010 23:00	249.88	3.5755	0.386	16.4	0.422	13.07	40.6443	104.9116152	104.950414	2.572042	104.948110	
2010	290	2400	291.000000000		10/18/2010 0:00	249.49	3.5700	0.386	16.4	0.422	13.03	40.6572	104.9076831	104.946482	2.568093	104.944160	
2010	291	100	291.041666667		10/18/2010 1:00	249.42	3.5690	0.386	16.38	0.423	13	40.6595	104.9069774	104.945777	2.567384	104.943451	
2010	291	200	291.083333333		10/18/2010 2:00	249.71	3.5731	0.386	16.38	0.423	12.97	40.6499	104.9099012	104.948700	2.570321	104.946388	
2010	291	300	291.125000000		10/18/2010 3:00	250.56	3.5851	0.386	16.4	0.422	12.95	40.6218	104.9184712	104.957270	2.578929	104.954997	
2010	291	400	291.166666667		10/18/2010 4:00	251.29	3.5954	0.386	16.4	0.422	12.91	40.5977	104.9258313	104.964631	2.586322	104.962390	
2010	291	500	291.208333333		10/18/2010 5:00	252.14	3.6073	0.386	16.4	0.422	12.89	40.5695	104.9344013	104.973201	2.594931	104.970999	
2010	291	600	291.250000000		10/18/2010 6:00	252.89	3.6179	0.386	16.39	0.423	12.85	40.5447	104.941963	104.980762	2.602527	104.978594	
2010	291	700	291.291666667		10/18/2010 7:00	253.22	3.6225	0.386	16.39	0.422	13.8	40.5338	104.9452902	104.984089	2.605869	104.981936	
2010	291	800	291.333333333		10/18/2010 8:00	253.43	3.6255	0.386	16.39	0.423	13.69	40.5269	104.9474075	104.986207	2.607996	104.984063	
2010	291	900	291.375000000		10/18/2010 9:00	253.75	3.6300	0.386	16.4	0.422	13.62	40.5163	104.9506338	104.989433	2.611236	104.987304	
2010	291	1000	291.416666667		10/18/2010 10:00	253.8	3.6307	0.386	16.39	0.422	13.57	40.5146	104.951138	104.989937	2.611743	104.987810	
2010	291	1100	291.458333333		10/18/2010 11:00	253.66	3.6287	0.386	16.4	0.422	13.52	40.5193	104.9497264	104.988526	2.610325	104.986393	
2010	291	1200	291.500000000		10/18/2010 12:00	254.51	3.6407	0.386	16.4	0.422	13.47	40.4912	104.9582964	104.997096	2.618933	104.995001	
2010	291	1300	291.541666667		10/18/2010 13:00	253.79	3.6306	0.386	16.39	0.423	13.43	40.5150	104.9510371	104.989836	2.611641	104.987709	
2010	291	1400	291.583333333		10/18/2010 14:00	253.42	3.6254	0.386	16.39	0.422	13.41	40.5272	104.9473067	104.986106	2.607894	104.983962	
2010	291	1500	291.625000000		10/18/2010 15:00	252.82	3.6169	0.386	16.38	0.423	13.4	40.5471	104.9412573	104.980056	2.601818	104.977885	
2010	291	1600	291.666666667		10/18/2010 16:00	252.76	3.6161	0.386	16.4	0.422	13.41	40.5490	104.9406523	104.979452	2.601210	104.977278	
2010	291	1700	291.708333333		10/18/2010 17:00	252.47	3.6120	0.386	16.39	0.423	13.36	40.5586	104.9377285	104.976528	2.598273	104.974341	
2010	291	1800	291.750000000		10/18/2010 18:00	251.97	3.6049	0.386	16.39	0.423	13.28	40.5752	104.9326873	104.971487	2.593209	104.969277	
2010	291	1900	291.791666667		10/18/2010 19:00	251.46	3.5978	0.386	16.39	0.423	13.22	40.5920	104.9275453	104.966345	2.588044	104.964112	
2010	291	2000	291.833333333		10/18/2010 20:00	251.02	3.5916	0.386	16.41	0.423	13.17	40.6066	104.9231091	104.961908	2.583588	104.959656	
2010	291	2100	291.875000000		10/18/2010 21:00	250.61	3.5858	0.386	16.4	0.423	13.13	40.6202	104.9189753	104.957775	2.579436	104.955503	
2010	291	2200	291.916666667		10/18/2010 22:00	250.18	3.5797	0.386	16.39	0.423	13.09	40.6344	104.9146399	104.953439	2.575081	104.951148	
2010	291	2300	291.958333333		10/18/2010 23:00	249.89	3.5757	0.386	16.4	0.422	13.05	40.6440	104.9117161	104.950515	2.572144	104.948211	
2010	291	2400	292.000000000		10/19/2010 0:00	249.74	3.5736	0.386	16.4	0.423	13.02	40.6489	104.9102037	104.949003	2.570624	104.946692	
2010	292	100	292.041666667		10/19/2010 1:00	250.02	3.5775	0.386	16.41	0.422	12.98	40.6397	104.9130268	104.951826	2.573460	104.949528	
2010	292	200	292.083333333		10/19/2010 2:00	250.95	3.5906	0.386	16.4	0.423	12.95	40.6089	104.9224033	104.961203	2.582879	104.958947	
2010	292	300	292.125000000		10/19/2010 3:00	252.36	3.6104	0.386	16.41	0.423	12.92	40.5623	104.9366194	104.975419	2.597159	104.973227	
2010	292	400	292.166666667		10/19/2010 4:00	253.71	3.6294	0.386	16.42	0.422	12.88	40.5176	104.9502305	104.989030	2.610831	104.986899	
2010	292	500	292.208333333		10/19/2010 5:00	254.96	3.6470	0.386	16.41	0.423	12.86	40.4763	104.9628335	105.001633	2.623491	104.999559	
2010	292	600	292.250000000		10/19/2010 6:00	256.1	3.6631	0.386	16.42	0.422	12.82	40.4386	104.9743273	105.013127	2.635036	105.011104	
2010	292	700	292.291666667		10/19/2010 7:00	257.03	3.6762	0.386	16.41	0.423	13.81	40.4078	104.9837039	105.022503	2.644455	105.020523	
2010	292	800	292.333333333		10/19/2010 8:00	257.57	3.6838	0.386	16.42	0.423	13.71	40.3899	104.9891483	105.027948	2.649924	105.025992	
2010	292	900	292.375000000		10/19/2010 9:00	258.12	3.6915	0.386	16.41	0.423	13.61	40.3717	104.9946936	105.033493	2.655494	105.031562	
2010	292	1000	292.416666667		10/19/2010 10:00	258.63	3.6987	0.386	16.41	0.423	13.54	40.3549	104.9998356	105.038635	2.660659	105.036727	
2010	292	1100	292.458333333		10/19/2010 11:00	258.55	3.6976	0.386	16.41	0.423	13.49	40.3575	104.999029	105.037828	2.659849	105.035917	
2010	292	1200	292.500000000		10/19/2010 12:00	258.5	3.6969	0.386	16.4	0.423	13.45	40.3592	104.9985249	105.037324	2.659343	105.035410	
2010	292	1300	292.541666667		10/19/2010 13:00	258.52	3.6972	0.386	16.4	0.423	13.41	40.3585	104.9987265	105.037526	2.659545	105.035613	
2010	292	1400	292.583333333		10/19/2010 14:00	257.8	3.6870	0.386	16.4	0.423	13.38	40.3823	104.9914673	105.030266	2.652253	105.028321	
2010	292	1500	292.625000000		10/19/2010 15:00	257.23	3.6790	0.386	16.4	0.423	13.35	40.4012	104.9857203	105.024520	2.646481	105.022548	
2010	292	1600	292.666666667		10/19/2010 16:00	256.76	3.6724	0.386	16.4	0.423	13.35	40.4167	104.9809816	105.019781	2.641721	105.017788	
2010	292	1700	292.708333333		10/19/2010 17:00	256.2	3.6645	0.386	16.39	0.423	13.37	40.4353	104.9753355	105.014135	2.636049	105.012117	
2010	292	1800	292.750000000		10/19/2010 18:00	255.33	3.6523	0.386	16.39	0.423	13.28	40.4640	104.9665639	105.005363	2.627238	105.003306	
2010	292	1900	292.791666667		10/19/2010 19:00	254.68	3.6431	0.386	16.42	0.423	13.22	40.4855	104.9600104	104.998810	2.620655	104.996723	
2010	292	2000	292.833333333		10/19/2010 20:00	253.84	3.6313	0.386	16.39	0.423	13.17	40.5133	104.9515413	104.990340	2.612148	104.988216	
2010	292	2100	292.875000000		10/19/2010 21:00	253.19	3.6221	0.386	16.4	0.423	13.13	40.5348	104.9449877	104.983787	2.605565	104.981633	
2010	292	2200	292.916666667		10/19/2010 22:00	252.4	3.6110	0.386	16.41	0.423	13.09	40.5609	104.9370227	104.975822	2.597564	104.973632	
2010	292	2300	292.958333333		10/19/2010 23:00	251.73	3.6016	0.386	16.41	0.423	13.05	40.5831	104.9302675	104.969067	2.590779	104.966846	
2010	292	2400	293.000000000		10/20/2010 0:00	251.23	3.5945	0.386	16.42	0.423	13.02	40.5997	104.9252264	104.964026	2.585715	104.961782	
2010	293	100	293.041666667		10/20/2010 1:00	250.89	3.5897	0.386	16.42	0.423	12.98	40.6109	104.9217984	104.960598	2.582271	104.958339	
2010	293	200	293.083333333		10/20/2010 2:00	251.06	3.5921	0.386	16.41	0.423	12.95	40.6053	104.9235124	104.962312	2.583993	104.960061	
2010	293	300	293.125000000		10/20/2010 3:00	251.73	3.6016	0.387	16.41	0.423	12.92	40.5831	104.9302675	104.969067	2.590779	104.966846	
2010	293	400	293.166666667		10/20/2010 4:00	252.66	3.6147	0.387	16.42	0.423	12.89	40.5523	104.9396441	104.978443	2.600197	104.976265	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	500	293.208333333		10/20/2010 5:00	253.5	3.6265	0.386	16.42	0.423	12.86	40.5246	104.9481133	104.986912	2.608704	104.984772	
2010	293	600	293.250000000		10/20/2010 6:00	254.02	3.6338	0.386	16.43	0.423	12.83	40.5074	104.9533561	104.992155	2.613971	104.990039	
2010	293	700	293.291666667		10/20/2010 7:00	254.37	3.6387	0.387	16.41	0.423	13.79	40.4958	104.9568849	104.995684	2.617516	104.993583	
2010	293	800	293.333333333		10/20/2010 8:00	254.55	3.6413	0.386	16.42	0.423	13.69	40.4898	104.9586997	104.997499	2.619339	104.995406	
2010	293	900	293.375000000		10/20/2010 9:00	254.84	3.6454	0.387	16.41	0.423	13.6	40.4802	104.9616236	105.000423	2.622276	104.998343	
2010	293	1000	293.416666667		10/20/2010 10:00	254.97	3.6472	0.387	16.42	0.423	13.53	40.4759	104.9629343	105.001733	2.623592	104.999660	
2010	293	1100	293.458333333		10/20/2010 11:00	255.04	3.6482	0.386	16.41	0.423	13.48	40.4736	104.96364	105.002439	2.624301	105.000369	
2010	293	1200	293.500000000		10/20/2010 12:00	255.26	3.6513	0.386	16.4	0.423	13.45	40.4663	104.9658582	105.004657	2.626529	105.002597	
2010	293	1300	293.541666667		10/20/2010 13:00	254.98	3.6473	0.386	16.41	0.423	13.41	40.4756	104.9630351	105.001834	2.623693	104.999761	
2010	293	1400	293.583333333		10/20/2010 14:00	254.68	3.6431	0.387	16.4	0.423	13.39	40.4855	104.9600104	104.998810	2.620655	104.996723	
2010	293	1500	293.625000000		10/20/2010 15:00	254.13	3.6354	0.387	16.39	0.423	13.37	40.5037	104.9544651	104.993264	2.615085	104.991153	
2010	293	1600	293.666666667		10/20/2010 16:00	254.01	3.6337	0.387	16.39	0.423	13.36	40.5077	104.9532552	104.992054	2.613870	104.989937	
2010	293	1700	293.708333333		10/20/2010 17:00	253.97	3.6331	0.387	16.41	0.423	13.34	40.5090	104.952852	104.991651	2.613464	104.989532	
2010	293	1800	293.750000000		10/20/2010 18:00	253.38	3.6248	0.386	16.4	0.423	13.25	40.5285	104.9469034	104.985703	2.607489	104.983557	
2010	293	1900	293.791666667		10/20/2010 19:00	252.98	3.6192	0.387	16.4	0.423	13.19	40.5418	104.9428704	104.981670	2.603438	104.979506	
2010	293	2000	293.833333333		10/20/2010 20:00	252.55	3.6131	0.387	16.41	0.423	13.14	40.5560	104.938535	104.977334	2.599083	104.975151	
2010	293	2100	293.875000000		10/20/2010 21:00	252.12	3.6071	0.387	16.41	0.423	13.1	40.5702	104.9341996	104.972999	2.594728	104.970796	
2010	293	2200	293.916666667		10/20/2010 22:00	251.79	3.6024	0.387	16.41	0.423	13.06	40.5811	104.9308725	104.969672	2.591386	104.967454	
2010	293	2300	293.958333333		10/20/2010 23:00	251.35	3.5962	0.386	16.39	0.423	13.03	40.5957	104.9264363	104.965235	2.586930	104.962998	
2010	293	2400	294.000000000		10/21/2010 0:00	251.11	3.5928	0.387	16.41	0.423	13	40.6036	104.9240165	104.962816	2.584499	104.960567	
2010	294	100	294.041666667		10/21/2010 1:00	251.02	3.5916	0.387	16.41	0.423	12.97	40.6066	104.9231091	104.961908	2.583588	104.959656	
2010	294	200	294.083333333		10/21/2010 2:00	251.04	3.5919	0.386	16.41	0.423	12.94	40.6059	104.9233107	104.962110	2.583790	104.959858	
2010	294	300	294.125000000		10/21/2010 3:00	250.93	3.5903	0.386	16.41	0.423	12.9	40.6096	104.9222017	104.961001	2.582676	104.958744	
2010	294	400	294.166666667		10/21/2010 4:00	250.78	3.5882	0.387	16.42	0.423	12.87	40.6145	104.9206893	104.959489	2.581157	104.957225	
2010	294	500	294.208333333		10/21/2010 5:00	250.68	3.5868	0.387	16.42	0.423	12.83	40.6178	104.9196811	104.958480	2.580144	104.956212	
2010	294	600	294.250000000		10/21/2010 6:00	250.65	3.5864	0.387	16.43	0.423	12.81	40.6188	104.9193786	104.958178	2.579841	104.955908	
2010	294	700	294.291666667		10/21/2010 7:00	250.34	3.5820	0.387	16.42	0.423	12.91	40.6291	104.9162531	104.955052	2.576701	104.952769	
2010	294	800	294.333333333		10/21/2010 8:00	249.78	3.5741	0.387	16.41	0.423	13.75	40.6476	104.910607	104.949406	2.571030	104.947097	
2010	294	900	294.375000000		10/21/2010 9:00	249.41	3.5689	0.386	16.42	0.423	13.62	40.6599	104.9068765	104.945676	2.567282	104.943350	
2010	294	1000	294.416666667		10/21/2010 10:00	248.77	3.5599	0.387	16.42	0.423	13.55	40.6810	104.9004238	104.939223	2.560801	104.936868	
2010	294	1100	294.458333333		10/21/2010 11:00	248.36	3.5541	0.387	16.4	0.423	13.5	40.6946	104.8962901	104.935089	2.556648	104.932716	
2010	294	1200	294.500000000		10/21/2010 12:00	247.88	3.5474	0.386	16.4	0.423	13.45	40.7105	104.8914506	104.930250	2.551787	104.927855	
2010	294	1300	294.541666667		10/21/2010 13:00	247.76	3.5457	0.386	16.4	0.423	13.41	40.7144	104.8902407	104.929040	2.550572	104.926639	
2010	294	1400	294.583333333		10/21/2010 14:00	247.17	3.5374	0.387	16.4	0.423	13.38	40.7339	104.8842921	104.923091	2.544596	104.920664	
2010	294	1500	294.625000000		10/21/2010 15:00	246.55	3.5286	0.386	16.42	0.423	13.36	40.7545	104.8780411	104.916840	2.538317	104.914385	
2010	294	1600	294.666666667		10/21/2010 16:00	246.29	3.5250	0.387	16.42	0.423	13.36	40.7631	104.8754197	104.914219	2.535684	104.911752	
2010	294	1700	294.708333333		10/21/2010 17:00	246.18	3.5234	0.386	16.4	0.423	13.32	40.7667	104.8743106	104.913110	2.534570	104.910638	
2010	294	1800	294.750000000		10/21/2010 18:00	245.67	3.5163	0.386	16.4	0.423	13.24	40.7836	104.8691686	104.907968	2.529405	104.905473	
2010	294	1900	294.791666667		10/21/2010 19:00	245.25	3.5103	0.386	16.41	0.423	13.19	40.7975	104.8649341	104.903733	2.525151	104.901219	
2010	294	2000	294.833333333		10/21/2010 20:00	244.76	3.5034	0.386	16.41	0.423	13.14	40.8137	104.8599937	104.898793	2.520189	104.896256	
2010	294	2100	294.875000000		10/21/2010 21:00	244.3	3.4970	0.386	16.41	0.423	13.1	40.8289	104.8553558	104.894155	2.515530	104.891598	
2010	294	2200	294.916666667		10/21/2010 22:00	243.99	3.4926	0.386	16.41	0.423	13.07	40.8391	104.8522303	104.891030	2.512390	104.888458	
2010	294	2300	294.958333333		10/21/2010 23:00	243.61	3.4872	0.386	16.43	0.422	13.03	40.8517	104.848399	104.887198	2.508542	104.884610	
2010	294	2400	295.000000000		10/22/2010 0:00	243.37	3.4839	0.386	16.43	0.422	13	40.8596	104.8459793	104.884778	2.506111	104.882179	
2010	295	100	295.041666667		10/22/2010 1:00	243	3.4787	0.386	16.42	0.422	12.97	40.8719	104.8422488	104.881048	2.502364	104.878432	
2010	295	200	295.083333333		10/22/2010 2:00	242.72	3.4747	0.386	16.4	0.423	12.94	40.8811	104.8394258	104.878225	2.499528	104.875596	
2010	295	300	295.125000000		10/22/2010 3:00	242.32	3.4691	0.386	16.41	0.423	12.9	40.8944	104.8353928	104.874192	2.495477	104.871545	
2010	295	400	295.166666667		10/22/2010 4:00	241.98	3.4643	0.386	16.43	0.422	12.88	40.9056	104.8319648	104.870764	2.492034	104.868102	
2010	295	500	295.208333333		10/22/2010 5:00	241.63	3.4594	0.386	16.41	0.422	12.85	40.9172	104.828436	104.867235	2.488489	104.864557	
2010	295	600	295.250000000		10/22/2010 6:00	241.09	3.4518	0.386	16.41	0.422	12.82	40.9351	104.8229916	104.861791	2.483020	104.859088	
2010	295	700	295.291666667		10/22/2010 7:00	240.58	3.4446	0.386	16.41	0.422	13.08	40.9519	104.8178496	104.856649	2.477855	104.853923	
2010	295	800	295.333333333		10/22/2010 8:00	240.03	3.4368	0.386	16.43	0.422	13.49	40.9701	104.8123043	104.851104	2.472285	104.848353	
2010	295	900	295.375000000		10/22/2010 9:00	239.41	3.4281	0.386	16.41	0.422	13.48	40.9906	104.8060533	104.844852	2.466006	104.842074	
2010	295	1000	295.416666667		10/22/2010 10:00	238.73	3.4185	0.386	16.42	0.422	13.45	41.0131	104.7991973	104.837996	2.459119	104.835187	
2010	295	1100	295.458333333		10/22/2010 11:00	238.52	3.4156	0.386	16.41	0.422	13.43	41.0201	104.79708	104.835879	2.456992	104.833060	
2010	295	1200	295.500000000		10/22/2010 12:00	238.11	3.4098	0.386	16.42	0.422	13.39	41.0336	104.7929462	104.831745	2.452840	104.828908	
2010	295	1300	295.541666667		10/22/2010 13:00	237.75	3.4047	0.386	16.41	0.422	13.38	41.0455	104.7893166	104.828116	2.449194	104.825262	
2010	295	1400	295.583333333		10/22/2010 14:00	236.99	3.3940	0.385	16.4	0.422	13.35	41.0707	104.781654	104.820453	2.441497	104.817565	
2010	295	1500	295.625000000		10/22/2010 15:00	236.4	3.3857	0.385	16.42	0.422	13.35	41.0902	104.7757054	104.814505	2.435522	104.811589	
2010	295	1600	295.666666667		10/22/2010 16:00	236.51	3.3873	0.385	16.43	0.421	13.35	41.0866	104.7768145	104.815614	2.436636	104.812703	
2010	295	1700	295.708333333		10/22/2010 17:00	236.13	3.3819	0.385	16.4	0.422	13.28	41.0991	104.7729832	104.811782	2.432787	104.808855	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	1800	295.750000000		10/22/2010 18:00	235.75	3.3766	0.385	16.41	0.421	13.2	41.1117	104.7691519	104.807951	2.428939	104.805006	
2010	295	1900	295.791666667		10/22/2010 19:00	235.43	3.3721	0.385	16.41	0.421	13.15	41.1223	104.7659256	104.804725	2.425698	104.801765	
2010	295	2000	295.833333333		10/22/2010 20:00	235.11	3.3676	0.385	16.41	0.421	13.11	41.1329	104.7626992	104.801498	2.422457	104.798525	
2010	295	2100	295.875000000		10/22/2010 21:00	234.92	3.3649	0.385	16.41	0.421	13.07	41.1392	104.7607836	104.799583	2.420533	104.796600	
2010	295	2200	295.916666667		10/22/2010 22:00	234.64	3.3610	0.385	16.41	0.421	13.03	41.1484	104.7579606	104.796760	2.417697	104.793765	
2010	295	2300	295.958333333		10/22/2010 23:00	234.44	3.3581	0.385	16.42	0.421	13	41.1550	104.7559441	104.794743	2.415671	104.791739	
2010	295	2400	296.000000000		10/23/2010 0:00	234.32	3.3565	0.385	16.41	0.421	12.96	41.1590	104.7547342	104.793533	2.414456	104.790524	
2010	296	100	296.041666667		10/23/2010 1:00	234.31	3.3563	0.385	16.41	0.421	12.93	41.1593	104.7546334	104.793433	2.414355	104.790422	
2010	296	200	296.083333333		10/23/2010 2:00	234.6	3.3604	0.385	16.42	0.421	12.89	41.1497	104.7575573	104.796356	2.417292	104.793360	
2010	296	300	296.125000000		10/23/2010 3:00	235.16	3.3683	0.385	16.42	0.421	12.87	41.1312	104.7632034	104.802003	2.422963	104.799031	
2010	296	400	296.166666667		10/23/2010 4:00	235.75	3.3766	0.385	16.42	0.421	12.83	41.1117	104.7691519	104.807951	2.428939	104.805006	
2010	296	500	296.208333333		10/23/2010 5:00	236.24	3.3835	0.385	16.42	0.421	12.81	41.0955	104.7740923	104.812891	2.433901	104.809969	
2010	296	600	296.250000000		10/23/2010 6:00	236.54	3.3877	0.385	16.43	0.421	12.78	41.0856	104.777117	104.815916	2.436939	104.813007	
2010	296	700	296.291666667		10/23/2010 7:00	236.48	3.3869	0.385	16.42	0.421	12.75	41.0876	104.776512	104.815311	2.436332	104.812399	
2010	296	800	296.333333333		10/23/2010 8:00	236.21	3.3831	0.385	16.42	0.421	13.35	41.0965	104.7737898	104.812589	2.433597	104.809665	
2010	296	900	296.375000000		10/23/2010 9:00	235.89	3.3786	0.385	16.43	0.421	13.54	41.1071	104.7705635	104.809363	2.430356	104.806424	
2010	296	1000	296.416666667		10/23/2010 10:00	235.33	3.3707	0.385	16.43	0.421	13.53	41.1256	104.7649174	104.803717	2.424685	104.800753	
2010	296	1100	296.458333333		10/23/2010 11:00	235.02	3.3663	0.385	16.43	0.421	13.51	41.1359	104.7617918	104.800591	2.421545	104.797613	
2010	296	1200	296.500000000		10/23/2010 12:00	234.44	3.3581	0.385	16.41	0.421	13.49	41.1550	104.7559441	104.794743	2.415671	104.791739	
2010	296	1300	296.541666667		10/23/2010 13:00	233.92	3.3508	0.385	16.41	0.421	13.46	41.1722	104.7507013	104.789500	2.410405	104.786473	
2010	296	1400	296.583333333		10/23/2010 14:00	233.95	3.3512	0.385	16.42	0.421	13.45	41.1712	104.7510037	104.789803	2.410709	104.786777	
2010	296	1500	296.625000000		10/23/2010 15:00	233.8	3.3491	0.385	16.43	0.421	13.43	41.1762	104.7494914	104.788291	2.409190	104.785257	
2010	296	1600	296.666666667		10/23/2010 16:00	233.68	3.3474	0.385	16.42	0.421	13.45	41.1802	104.7482815	104.787081	2.407974	104.784042	
2010	296	1700	296.708333333		10/23/2010 17:00	233.38	3.3432	0.385	16.41	0.421	13.35	41.1901	104.7452568	104.784056	2.404936	104.781004	
2010	296	1800	296.750000000		10/23/2010 18:00	233.23	3.3411	0.385	16.42	0.421	13.28	41.1951	104.7437445	104.782544	2.403417	104.779485	
2010	296	1900	296.791666667		10/23/2010 19:00	233.06	3.3387	0.385	16.42	0.421	13.23	41.2007	104.7420305	104.780830	2.401695	104.777763	
2010	296	2000	296.833333333		10/23/2010 20:00	232.98	3.3376	0.385	16.42	0.421	13.18	41.2033	104.7412239	104.780023	2.400885	104.776953	
2010	296	2100	296.875000000		10/23/2010 21:00	232.78	3.3348	0.385	16.43	0.421	13.13	41.2099	104.7392074	104.778007	2.398859	104.774927	
2010	296	2200	296.916666667		10/23/2010 22:00	232.69	3.3335	0.385	16.43	0.421	13.09	41.2129	104.7383	104.777099	2.397948	104.774016	
2010	296	2300	296.958333333		10/23/2010 23:00	232.64	3.3328	0.385	16.43	0.421	13.06	41.2146	104.7377959	104.776595	2.397442	104.773509	
2010	296	2400	297.000000000		10/24/2010 0:00	232.74	3.3342	0.385	16.42	0.421	13.02	41.2113	104.7388041	104.777603	2.398454	104.774522	
2010	297	100	297.041666667		10/24/2010 1:00	233.07	3.3389	0.384	16.43	0.421	12.99	41.2004	104.7421313	104.780931	2.401796	104.777864	
2010	297	200	297.083333333		10/24/2010 2:00	233.29	3.3420	0.385	16.43	0.421	12.96	41.1931	104.7443494	104.783149	2.404025	104.780092	
2010	297	300	297.125000000		10/24/2010 3:00	233.63	3.3467	0.385	16.43	0.421	12.93	41.1818	104.7477774	104.786577	2.407468	104.783536	
2010	297	400	297.166666667		10/24/2010 4:00	234.01	3.3521	0.385	16.41	0.421	12.9	41.1693	104.7516087	104.790408	2.411316	104.787384	
2010	297	500	297.208333333		10/24/2010 5:00	234.11	3.3535	0.385	16.43	0.421	12.87	41.1660	104.7526169	104.791416	2.412329	104.788397	
2010	297	600	297.250000000		10/24/2010 6:00	234.29	3.3560	0.384	16.43	0.42	12.84	41.1600	104.7544317	104.793231	2.414152	104.790220	
2010	297	700	297.291666667		10/24/2010 7:00	234.61	3.3605	0.385	16.42	0.421	12.81	41.1494	104.7576581	104.796457	2.417393	104.793461	
2010	297	800	297.333333333		10/24/2010 8:00	234.87	3.3642	0.385	16.42	0.421	13.38	41.1408	104.7602795	104.799079	2.420026	104.796094	
2010	297	900	297.375000000		10/24/2010 9:00	235.46	3.3725	0.385	16.43	0.421	13.47	41.1213	104.7662281	104.805027	2.426002	104.802069	
2010	297	1000	297.416666667		10/24/2010 10:00	235.72	3.3762	0.385	16.42	0.421	13.5	41.1127	104.7688495	104.807649	2.428635	104.804702	
2010	297	1100	297.458333333		10/24/2010 11:00	236.07	3.3811	0.385	16.42	0.421	13.49	41.1011	104.7723783	104.811177	2.432179	104.808247	
2010	297	1200	297.500000000		10/24/2010 12:00	237.62	3.4029	0.385	16.42	0.421	13.47	41.0498	104.7880059	104.826805	2.447877	104.823945	
2010	297	1300	297.541666667		10/24/2010 13:00	237.56	3.4021	0.385	16.43	0.421	13.47	41.0518	104.787401	104.826200	2.447270	104.823337	
2010	297	1400	297.583333333		10/24/2010 14:00	237.64	3.4032	0.385	16.42	0.421	13.46	41.0492	104.7882075	104.827007	2.448080	104.824148	
2010	297	1500	297.625000000		10/24/2010 15:00	238.22	3.4114	0.385	16.43	0.421	13.47	41.0300	104.7940553	104.832854	2.453954	104.830022	
2010	297	1600	297.666666667		10/24/2010 16:00	238.33	3.4129	0.385	16.41	0.421	13.5	41.0264	104.7951643	104.833964	2.455068	104.831136	
2010	297	1700	297.708333333		10/24/2010 17:00	238.22	3.4114	0.385	16.44	0.421	13.41	41.0300	104.7940553	104.832854	2.453954	104.830022	
2010	297	1800	297.750000000		10/24/2010 18:00	238.45	3.4146	0.385	16.43	0.421	13.34	41.0224	104.7963742	104.835173	2.456283	104.832351	
2010	297	1900	297.791666667		10/24/2010 19:00	237.75	3.4047	0.385	16.42	0.421	13.28	41.0455	104.7893166	104.828116	2.449194	104.825262	
2010	297	2000	297.833333333		10/24/2010 20:00	237.69	3.4039	0.385	16.43	0.421	13.22	41.0475	104.7887117	104.827511	2.448586	104.824654	
2010	297	2100	297.875000000		10/24/2010 21:00	237.7	3.4040	0.385	16.43	0.421	13.18	41.0472	104.7888125	104.827612	2.448688	104.824755	
2010	297	2200	297.916666667		10/24/2010 22:00	237.62	3.4029	0.385	16.42	0.421	13.15	41.0498	104.7880059	104.826805	2.447877	104.823945	
2010	297	2300	297.958333333		10/24/2010 23:00	237.96	3.4077	0.385	16.43	0.421	13.11	41.0386	104.7914339	104.830233	2.451321	104.827388	
2010	297	2400	298.000000000		10/25/2010 0:00	238.42	3.4142	0.385	16.42	0.421	13.07	41.0234	104.7960718	104.834871	2.455979	104.832047	
2010	298	100	298.041666667		10/25/2010 1:00	239.31	3.4267	0.385	16.42	0.421	13.03	40.9939	104.805045	104.843844	2.464993	104.841061	
2010	298	200	298.083333333		10/25/2010 2:00	240.49	3.4433	0.385	16.42	0.421	13.01	40.9549	104.8169422	104.855741	2.476944	104.853011	
2010	298	300	298.125000000		10/25/2010 3:00	241.58	3.4587	0.385	16.42	0.421	12.97	40.9189	104.8279319	104.866731	2.487983	104.864051	
2010	298	400	298.166666667		10/25/2010 4:00	242.45	3.4709	0.385	16.43	0.421	12.94	40.8901	104.8367035	104.875503	2.496794	104.872862	
2010	298	500	298.208333333		10/25/2010 5:00	243.11	3.4802	0.385	16.44	0.421	12.91	40.8682	104.8433579	104.882157	2.503478	104.879546	
2010	298	600	298.250000000		10/25/2010 6:00	243.78	3.4896	0.385	16.43	0.421	12.88	40.8461	104.850113	104.888912	2.510264	104.886331	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	700	298.291666667		10/25/2010 7:00	243.97	3.4923	0.385	16.43	0.421	12.86	40.8398	104.8520287	104.890828	2.512188	104.888256	
2010	298	800	298.333333333		10/25/2010 8:00	244.03	3.4932	0.385	16.43	0.421	12.85	40.8378	104.8526336	104.891433	2.512796	104.888863	
2010	298	900	298.375000000		10/25/2010 9:00	244.21	3.4957	0.385	16.44	0.422	13.44	40.8319	104.8544484	104.893248	2.514619	104.890686	
2010	298	1000	298.416666667		10/25/2010 10:00	243.83	3.4903	0.385	16.43	0.422	13.53	40.8444	104.8506171	104.889416	2.510770	104.886838	
2010	298	1100	298.458333333		10/25/2010 11:00	243.8	3.4899	0.385	16.43	0.421	13.52	40.8454	104.8503147	104.889114	2.510466	104.886534	
2010	298	1200	298.500000000		10/25/2010 12:00	243.58	3.4868	0.385	16.42	0.421	13.51	40.8527	104.8480966	104.886896	2.508238	104.884306	
2010	298	1300	298.541666667		10/25/2010 13:00	242.86	3.4767	0.385	16.42	0.422	13.51	40.8765	104.8408373	104.879636	2.500946	104.877014	
2010	298	1400	298.583333333		10/25/2010 14:00	243.41	3.4844	0.385	16.43	0.422	13.5	40.8583	104.8463826	104.885182	2.506516	104.882584	
2010	298	1500	298.625000000		10/25/2010 15:00	242.51	3.4718	0.385	16.42	0.422	13.51	40.8881	104.8373085	104.876108	2.497402	104.873469	
2010	298	1600	298.666666667		10/25/2010 16:00	242.84	3.4764	0.385	16.43	0.422	13.48	40.8772	104.8406356	104.879435	2.500744	104.876811	
2010	298	1700	298.708333333		10/25/2010 17:00	242.36	3.4696	0.385	16.42	0.421	13.41	40.8931	104.8357961	104.874595	2.495882	104.871950	
2010	298	1800	298.750000000		10/25/2010 18:00	242.65	3.4737	0.385	16.44	0.421	13.34	40.8835	104.83872	104.877519	2.498819	104.874887	
2010	298	1900	298.791666667		10/25/2010 19:00	242.48	3.4713	0.385	16.43	0.421	13.27	40.8891	104.837006	104.875805	2.497098	104.873165	
2010	298	2000	298.833333333		10/25/2010 20:00	242.47	3.4712	0.385	16.42	0.422	13.22	40.8894	104.8369052	104.875704	2.496996	104.873064	
2010	298	2100	298.875000000		10/25/2010 21:00	242.21	3.4675	0.385	16.43	0.422	13.18	40.8980	104.8342838	104.873083	2.494363	104.870431	
2010	298	2200	298.916666667		10/25/2010 22:00	242.44	3.4708	0.385	16.42	0.422	13.14	40.8904	104.8366027	104.875402	2.496693	104.872760	
2010	298	2300	298.958333333		10/25/2010 23:00	242.37	3.4698	0.385	16.43	0.422	13.1	40.8927	104.8358969	104.874696	2.495984	104.872051	
2010	298	2400	299.000000000		10/26/2010 0:00	242.51	3.4718	0.385	16.43	0.422	13.07	40.8881	104.8373085	104.876108	2.497402	104.873469	
2010	299	100	299.041666667		10/26/2010 1:00	243.29	3.4827	0.385	16.43	0.422	13.03	40.8623	104.8451727	104.883972	2.505301	104.881369	
2010	299	200	299.083333333		10/26/2010 2:00	244.07	3.4937	0.385	16.42	0.422	13	40.8365	104.8530369	104.891836	2.513201	104.889268	
2010	299	300	299.125000000		10/26/2010 3:00	245.15	3.5089	0.386	16.43	0.422	12.97	40.8008	104.8639258	104.902725	2.524139	104.900206	
2010	299	400	299.166666667		10/26/2010 4:00	246.13	3.5227	0.386	16.43	0.422	12.94	40.7684	104.8738065	104.912606	2.534064	104.910131	
2010	299	500	299.208333333		10/26/2010 5:00	247.11	3.5365	0.386	16.43	0.422	12.91	40.7359	104.8836872	104.922486	2.543989	104.920056	
2010	299	600	299.250000000		10/26/2010 6:00	247.79	3.5461	0.386	16.42	0.422	12.88	40.7134	104.8905432	104.929342	2.550876	104.926943	
2010	299	700	299.291666667		10/26/2010 7:00	248.41	3.5548	0.386	16.42	0.422	12.85	40.6929	104.8967942	104.935593	2.557155	104.933222	
2010	299	800	299.333333333		10/26/2010 8:00	248.67	3.5585	0.386	16.43	0.422	13.6	40.6843	104.8994156	104.938215	2.559788	104.935856	
2010	299	900	299.375000000		10/26/2010 9:00	248.71	3.5591	0.386	16.45	0.422	13.6	40.6830	104.8998189	104.938618	2.560193	104.936261	
2010	299	1000	299.416666667		10/26/2010 10:00	248.63	3.5579	0.386	16.45	0.422	13.58	40.6857	104.8990123	104.937812	2.559383	104.935450	
2010	299	1100	299.458333333		10/26/2010 11:00	248.1	3.5505	0.386	16.43	0.422	13.52	40.7032	104.8936687	104.932468	2.554015	104.930083	
2010	299	1200	299.500000000		10/26/2010 12:00	247.97	3.5486	0.386	16.43	0.422	13.5	40.7075	104.892358	104.931157	2.552699	104.928766	
2010	299	1300	299.541666667		10/26/2010 13:00	248.07	3.5500	0.386	16.43	0.422	13.48	40.7042	104.8933662	104.932165	2.553711	104.929779	
2010	299	1400	299.583333333		10/26/2010 14:00	248.14	3.5510	0.386	16.42	0.422	13.5	40.7019	104.894072	104.932871	2.554420	104.930488	
2010	299	1500	299.625000000		10/26/2010 15:00	247.81	3.5464	0.386	16.42	0.422	13.52	40.7128	104.8907448	104.929544	2.551078	104.927146	
2010	299	1600	299.666666667		10/26/2010 16:00	247.88	3.5474	0.386	16.43	0.422	13.49	40.7105	104.8914506	104.930250	2.551787	104.927855	
2010	299	1700	299.708333333		10/26/2010 17:00	247.65	3.5441	0.386	16.44	0.422	13.41	40.7181	104.8891316	104.927931	2.549458	104.925525	
2010	299	1800	299.750000000		10/26/2010 18:00	247.77	3.5458	0.386	16.43	0.422	13.34	40.7141	104.8903415	104.929141	2.550673	104.926741	
2010	299	1900	299.791666667		10/26/2010 19:00	247.67	3.5444	0.386	16.44	0.422	13.28	40.7174	104.8893333	104.928132	2.549660	104.925728	
2010	299	2000	299.833333333		10/26/2010 20:00	247.39	3.5405	0.386	16.43	0.423	13.24	40.7267	104.8865102	104.925309	2.546824	104.922892	
2010	299	2100	299.875000000		10/26/2010 21:00	247.07	3.5360	0.386	16.44	0.423	13.19	40.7373	104.8832839	104.922083	2.543584	104.919651	
2010	299	2200	299.916666667		10/26/2010 22:00	246.75	3.5315	0.386	16.44	0.423	13.15	40.7478	104.8800575	104.918857	2.540343	104.916411	
2010	299	2300	299.958333333		10/26/2010 23:00	246.33	3.5255	0.386	16.44	0.423	13.11	40.7617	104.875823	104.914622	2.536089	104.912157	
2010	299	2400	300.000000000		10/27/2010 0:00	245.99	3.5208	0.386	16.44	0.423	13.08	40.7730	104.872395	104.911194	2.532646	104.908713	
2010	300	100	300.041666667		10/27/2010 1:00	245.87	3.5191	0.386	16.44	0.422	13.05	40.7770	104.8711851	104.909984	2.531430	104.907498	
2010	300	200	300.083333333		10/27/2010 2:00	245.81	3.5182	0.386	16.44	0.422	13.01	40.7789	104.8705802	104.909379	2.530823	104.906891	
2010	300	300	300.125000000		10/27/2010 3:00	246.24	3.5243	0.386	16.43	0.422	12.98	40.7647	104.8749156	104.913715	2.535178	104.911245	
2010	300	400	300.166666667		10/27/2010 4:00	246.82	3.5324	0.386	16.43	0.422	12.95	40.7455	104.8807633	104.919563	2.541052	104.917119	
2010	300	500	300.208333333		10/27/2010 5:00	247.23	3.5382	0.386	16.44	0.422	12.92	40.7320	104.8848971	104.923696	2.545204	104.921272	
2010	300	600	300.250000000		10/27/2010 6:00	247.61	3.5436	0.386	16.43	0.423	12.89	40.7194	104.8887283	104.927528	2.549053	104.925120	
2010	300	700	300.291666667		10/27/2010 7:00	247.83	3.5467	0.386	16.44	0.423	13.3	40.7121	104.8909465	104.929746	2.551281	104.927348	
2010	300	800	300.333333333		10/27/2010 8:00	248.14	3.5510	0.386	16.44	0.422	13.66	40.7019	104.894072	104.932871	2.554420	104.930488	
2010	300	900	300.375000000		10/27/2010 9:00	248.28	3.5530	0.386	16.44	0.422	13.57	40.6972	104.8954835	104.934283	2.555838	104.931906	
2010	300	1000	300.416666667		10/27/2010 10:00	248.63	3.5579	0.386	16.44	0.423	13.53	40.6857	104.8990123	104.937812	2.559383	104.935450	
2010	300	1100	300.458333333		10/27/2010 11:00	249.11	3.5647	0.386	16.43	0.423	13.49	40.6698	104.9038518	104.942651	2.564244	104.940312	
2010	300	1200	300.500000000		10/27/2010 12:00	249.92	3.5761	0.386	16.43	0.423	13.46	40.6430	104.9120185	104.950818	2.572447	104.948515	
2010	300	1300	300.541666667		10/27/2010 13:00	249.5	3.5702	0.386	16.43	0.423	13.45	40.6569	104.9077839	104.946583	2.568194	104.944262	
2010	300	1400	300.583333333		10/27/2010 14:00	249.41	3.5689	0.387	16.43	0.423	13.43	40.6599	104.9068765	104.945676	2.567282	104.943350	
2010	300	1500	300.625000000		10/27/2010 15:00	249.01	3.5633	0.387	16.43	0.423	13.43	40.6731	104.9028436	104.941643	2.563231	104.939299	
2010	300	1600	300.666666667		10/27/2010 16:00	248.69	3.5588	0.387	16.43	0.423	13.45	40.6837	104.8996173	104.938416	2.559990	104.936058	
2010	300	1700	300.708333333		10/27/2010 17:00	248.32	3.5536	0.387	16.43	0.423	13.35	40.6959	104.8958868	104.934686	2.556243	104.932311	
2010	300	1800	300.750000000		10/27/2010 18:00	247.87	3.5472	0.387	16.43	0.423	13.28	40.7108	104.8913498	104.930149	2.551686	104.927753	
2010	300	1900	300.791666667		10/27/2010 19:00	247.51	3.5422	0.387	16.44	0.423	13.22	40.7227	104.8877201	104.926519	2.548040	104.924108	

Table D-17. Groundwater Elevations (Part 7 of 27)

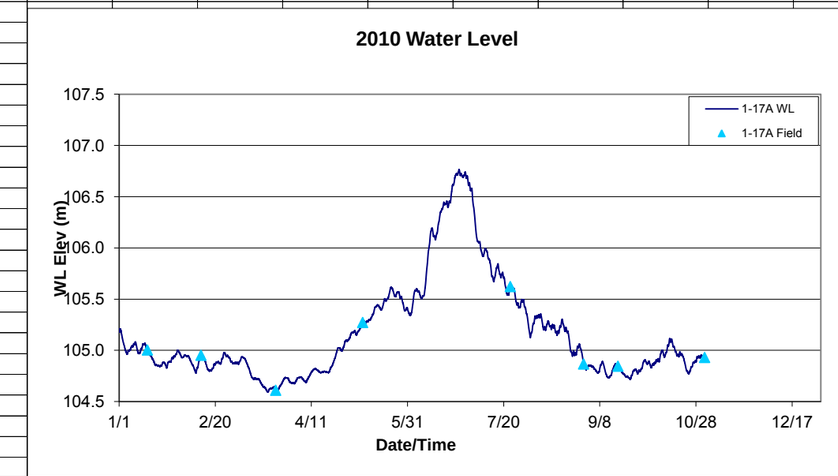
												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
Year	Day of Year 2008	Time (hr-min)	Day of Year 2008	Date (PDT)	Date (PST)	XD_1_AVG	Datalogger Voltage (mV)	Ct	Temp_degC	C25mScm	Batt_Volt	Equivalent D/W (ft btoc)	Water-Level Elevation (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	247.21	3.5379	0.387	16.45	0.423	13.17	40.7326	104.8846954	104.923495	2.545002	104.921069	
2010	300	2100	300.875000000		10/27/2010 21:00	246.83	3.5326	0.387	16.44	0.423	13.13	40.7452	104.8808641	104.919663	2.541153	104.917221	
2010	300	2200	300.916666667		10/27/2010 22:00	246.46	3.5274	0.387	16.44	0.423	13.09	40.7574	104.8771337	104.915933	2.537406	104.913473	
2010	300	2300	300.958333333		10/27/2010 23:00	246.15	3.5230	0.387	16.43	0.423	13.05	40.7677	104.8740081	104.912807	2.534266	104.910334	
2010	300	2400	301.000000000		10/28/2010 0:00	245.95	3.5202	0.387	16.43	0.423	13.02	40.7743	104.8719917	104.910791	2.532241	104.908308	
2010	301	100	301.041666667		10/28/2010 1:00	246.71	3.5309	0.387	16.45	0.423	12.98	40.7492	104.8796543	104.918453	2.539938	104.916005	
2010	301	200	301.083333333		10/28/2010 2:00	248.05	3.5498	0.387	16.46	0.423	12.96	40.7048	104.8931646	104.931964	2.553509	104.929576	
2010	301	300	301.125000000		10/28/2010 3:00	249.6	3.5716	0.387	16.44	0.423	12.92	40.6536	104.9087922	104.947591	2.569207	104.945274	
2010	301	400	301.166666667		10/28/2010 4:00	251.04	3.5919	0.387	16.44	0.423	12.9	40.6059	104.9233107	104.962110	2.583790	104.959858	
2010	301	500	301.208333333		10/28/2010 5:00	252.42	3.6113	0.387	16.43	0.423	12.86	40.5603	104.9372243	104.976024	2.597767	104.973834	
2010	301	600	301.250000000		10/28/2010 6:00	253.7	3.6293	0.387	16.44	0.423	12.84	40.5179	104.9501297	104.988929	2.610730	104.986798	
2010	301	700	301.291666667		10/28/2010 7:00	254.54	3.6411	0.388	16.44	0.424	12.81	40.4902	104.9585989	104.997398	2.619237	104.995305	
2010	301	800	301.333333333		10/28/2010 8:00	255.09	3.6489	0.388	16.43	0.424	12.85	40.4720	104.9641442	105.002943	2.624807	105.000875	
2010	301	900	301.375000000		10/28/2010 9:00	255.28	3.6516	0.388	16.44	0.424	13.26	40.4657	104.9660598	105.004859	2.626732	105.002799	
2010	301	1000	301.416666667		10/28/2010 10:00	255.32	3.6521	0.388	16.44	0.424	13.6	40.4644	104.9664631	105.005262	2.627137	105.003204	
2010	301	1100	301.458333333		10/28/2010 11:00	255.15	3.6497	0.387	16.44	0.423	13.61	40.4700	104.9647491	105.003548	2.625415	105.001483	
2010	301	1200	301.500000000		10/28/2010 12:00	254.93	3.6466	0.387	16.44	0.424	13.57	40.4773	104.962531	105.001330	2.623187	104.999255	
2010	301	1300	301.541666667		10/28/2010 13:00	254.84	3.6454	0.387	16.44	0.424	13.54	40.4802	104.9616236	105.000423	2.622276	104.998343	
2010	301	1400	301.583333333		10/28/2010 14:00	254.46	3.6400	0.387	16.43	0.424	13.54	40.4928	104.9577923	104.996592	2.618427	104.994495	
2010	301	1500	301.625000000		10/28/2010 15:00	253.99	3.6334	0.387	16.44	0.424	13.54	40.5084	104.9530536	104.991853	2.613667	104.989735	
2010	301	1600	301.666666667		10/28/2010 16:00	253.32	3.6240	0.387	16.44	0.424	13.45	40.5305	104.9462984	104.985098	2.606881	104.982949	
2010	301	1700	301.708333333		10/28/2010 17:00	252.73	3.6156	0.387	16.44	0.424	13.37	40.5500	104.9403499	104.979149	2.600906	104.976974	
2010	301	1800	301.750000000		10/28/2010 18:00	252.1	3.6068	0.387	16.43	0.424	13.31	40.5709	104.933998	104.972797	2.594526	104.970593	
2010	301	1900	301.791666667		10/28/2010 19:00	251.58	3.5995	0.387	16.44	0.423	13.26	40.5881	104.9287552	104.967554	2.589259	104.965327	
2010	301	2000	301.833333333		10/28/2010 20:00	251.17	3.5937	0.387	16.43	0.424	13.21	40.6016	104.9246214	104.963421	2.585107	104.961175	
2010	301	2100	301.875000000		10/28/2010 21:00	250.76	3.5879	0.387	16.43	0.424	13.17	40.6152	104.9204877	104.959287	2.580955	104.957022	
2010	301	2200	301.916666667		10/28/2010 22:00	250.47	3.5838	0.387	16.43	0.423	13.13	40.6248	104.9175638	104.956363	2.578018	104.954085	
2010	301	2300	301.958333333		10/28/2010 23:00	250.32	3.5817	0.387	16.43	0.423	13.1	40.6298	104.9160515	104.954851	2.576499	104.952566	
2010	301	2400	302.000000000		10/29/2010 0:00	250.43	3.5833	0.387	16.44	0.423	13.07	40.6261	104.9171605	104.955960	2.577613	104.953680	
2010	302	100	302.041666667		10/29/2010 1:00	251.14	3.5933	0.387	16.43	0.424	13.03	40.6026	104.924319	104.963118	2.584803	104.960871	
2010	302	200	302.083333333		10/29/2010 2:00	252.18	3.6079	0.387	16.43	0.424	13	40.5682	104.9348046	104.973604	2.595336	104.971404	
2010	302	300	302.125000000		10/29/2010 3:00	253.25	3.6230	0.387	16.45	0.423	12.97	40.5328	104.9455927	104.984392	2.606173	104.982240	
2010	302	400	302.166666667		10/29/2010 4:00	254.1	3.6349	0.387	16.44	0.423	12.94	40.5047	104.9541627	104.992962	2.614781	104.990849	
2010	302	500	302.208333333		10/29/2010 5:00	254.6	3.6420	0.387	16.44	0.424	12.9	40.4882	104.9592038	104.998003	2.619845	104.995913	
2010	302	600	302.250000000		10/29/2010 6:00	254.83	3.6452	0.387	16.44	0.423	12.88	40.4806	104.9615228	105.000322	2.622174	104.998242	
2010	302	700	302.291666667		10/29/2010 7:00	254.81	3.6449	0.387	16.44	0.424	12.85	40.4812	104.9613211	105.000120	2.621972	104.998039	
2010	302	800	302.333333333		10/29/2010 8:00	254.52	3.6409	0.387	16.45	0.423	12.85	40.4908	104.9583972	104.997196	2.619035	104.995102	
2010	302	900	302.375000000		10/29/2010 9:00	254.11	3.6351	0.387	16.44	0.424	13.58	40.5044	104.9542635	104.993063	2.614882	104.990950	
2010	302	1000	302.416666667		10/29/2010 10:00	253.71	3.6294	0.387	16.44	0.424	13.55	40.5176	104.9502305	104.989030	2.610831	104.986899	
2010	302	1100	302.458333333		10/29/2010 11:00	253.13	3.6213	0.387	16.44	0.424	13.54	40.5368	104.9443828	104.983182	2.604957	104.981025	
2010	302	1200	302.500000000		10/29/2010 12:00	253.09	3.6207	0.387	16.43	0.424	13.5	40.5381	104.9439795	104.982779	2.604552	104.980620	
2010	302	1300	302.541666667		10/29/2010 13:00	252.49	3.6123	0.387	16.43	0.423	13.48	40.5580	104.9379301	104.976729	2.598476	104.974543	
2010	302	1400	302.583333333		10/29/2010 14:00	252.34	3.6102	0.387	16.43	0.424	13.48	40.5629	104.9364178	104.975217	2.596956	104.973024	
2010	302	1500	302.625000000		10/29/2010 15:00	251.72	3.6014	0.387	16.43	0.424	13.45	40.5834	104.9301667	104.968966	2.590677	104.966745	
2010	302	1600	302.666666667		10/29/2010 16:00	252.11	3.6069	0.387	16.43	0.424	13.47	40.5705	104.9340988	104.972898	2.594627	104.970695	
2010	302	1700	302.708333333		10/29/2010 17:00	251.64	3.6003	0.387	16.43	0.424	13.41	40.5861	104.9293601	104.968159	2.589867	104.965935	
2010	302	1800	302.750000000		10/29/2010 18:00	251.42	3.5972	0.387	16.44	0.424	13.33	40.5934	104.927142	104.965941	2.587639	104.963707	
2010	302	1900	302.791666667		10/29/2010 19:00	251.34	3.5961	0.387	16.43	0.424	13.27	40.5960	104.9263354	104.965135	2.586829	104.962896	
2010	302	2000	302.833333333		10/29/2010 20:00	251.14	3.5933	0.387	16.43	0.424	13.22	40.6026	104.924319	104.963118	2.584803	104.960871	
2010	302	2100	302.875000000		10/29/2010 21:00	251.05	3.5920	0.387	16.46	0.423	13.17	40.6056	104.9234116	104.962211	2.583892	104.959959	
2010	302	2200	302.916666667		10/29/2010 22:00	250.86	3.5893	0.387	16.44	0.424	13.14	40.6119	104.9214959	104.960295	2.581967	104.958035	
2010	302	2300	302.958333333		10/29/2010 23:00	250.63	3.5861	0.387	16.43	0.424	13.1	40.6195	104.919177	104.957976	2.579638	104.955706	
2010	302	2400	303.000000000		10/30/2010 0:00	250.44	3.5834	0.387	16.44	0.423	13.06	40.6258	104.9172613	104.956061	2.577714	104.953782	
2010	303	100	303.041666667		10/30/2010 1:00	250.41	3.5830	0.387	16.46	0.423	13.04	40.6268	104.9169589	104.955758	2.577410	104.953478	
2010	303	200	303.083333333		10/30/2010 2:00	250.66	3.5865	0.387	16.44	0.424	13	40.6185	104.9194794	104.958279	2.579942	104.956010	
2010	303	300	303.125000000		10/30/2010 3:00	250.88	3.5896	0.387	16.46	0.424	12.97	40.6112	104.9216976	104.960497	2.582170	104.958238	
2010	303	400	303.166666667		10/30/2010 4:00	251.35	3.5962	0.387	16.44	0.424	12.94	40.5957	104.9264363	104.965235	2.586930	104.962998	
2010	303	500	303.208333333		10/30/2010 5:00	251.94	3.6045	0.387	16.45	0.424	12.91	40.5762	104.9323848	104.971184	2.592905	104.968973	
2010	303	600	303.250000000		10/30/2010 6:00	252.65	3.6145	0.387	16.46	0.423	12.89	40.5527	104.9395433	104.978342	2.600096	104.976164	
2010	303	700	303.291666667		10/30/2010 7:00	253.27	3.6233	0.387	16.43	0.423	12.85	40.5322	104.9457943	104.984594	2.606375	104.982443	
2010	303	800	303.333333333		10/30/2010 8:00	253.84	3.6313	0.387	16.44	0.424	13.01	40.5133	104.9515413	104.990340	2.612148	104.988216	

Table D-17. Groundwater Elevations (Part 7 of 27)

												Linear Regression			Manufacturer's Calibration		
							399-1-16A					399-1-16A	399-1-16A	399-1-16A	399-1-16A	399-1-16A	
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	900	303.375000000		10/30/2010 9:00	254.45	3.6399	0.387	16.46	0.423	13.65	40.4931	104.9576915	104.996491	2.618326	104.994393	
2010	303	1000	303.416666667		10/30/2010 10:00	254.99	3.6475	0.387	16.44	0.424	13.65	40.4753	104.9631359	105.001935	2.623795	104.999862	
2010	303	1100	303.458333333		10/30/2010 11:00	255.3	3.6518	0.387	16.44	0.423	13.65	40.4650	104.9662615	105.005061	2.626934	105.003002	
2010	303	1200	303.500000000		10/30/2010 12:00	255.51	3.6548	0.387	16.44	0.424	13.63	40.4581	104.9683787	105.007178	2.629061	105.005129	
2010	303	1300	303.541666667		10/30/2010 13:00	255.69	3.6573	0.387	16.45	0.423	13.62	40.4521	104.9701936	105.008993	2.630884	105.006952	
2010	303	1400	303.583333333		10/30/2010 14:00	255.6	3.6561	0.387	16.43	0.424	13.6	40.4551	104.9692861	105.008085	2.629973	105.006040	
2010	303	1500	303.625000000		10/30/2010 15:00	255.56	3.6555	0.388	16.44	0.424	13.59	40.4564	104.9688829	105.007682	2.629567	105.005635	
2010	303	1600	303.666666667		10/30/2010 16:00	255.49	3.6545	0.387	16.44	0.424	13.5	40.4587	104.9681771	105.006976	2.628858	105.004926	
2010	303	1700	303.708333333		10/30/2010 17:00	255.2	3.6504	0.387	16.43	0.424	13.42	40.4683	104.9652532	105.004052	2.625921	105.001989	
2010	303	1800	303.750000000		10/30/2010 18:00	254.88	3.6459	0.387	16.44	0.424	13.35	40.4789	104.9620269	105.000826	2.622681	104.998748	
2010	303	1900	303.791666667		10/30/2010 19:00	254.46	3.6400	0.387	16.44	0.424	13.3	40.4928	104.9577923	104.996592	2.618427	104.994495	
2010	303	2000	303.833333333		10/30/2010 20:00	254.12	3.6352	0.387	16.44	0.424	13.26	40.5041	104.9543643	104.993164	2.614984	104.991051	
2010	303	2100	303.875000000		10/30/2010 21:00	253.73	3.6297	0.387	16.43	0.424	13.21	40.5170	104.9504322	104.989231	2.611034	104.987102	
2010	303	2200	303.916666667		10/30/2010 22:00	253.44	3.6256	0.387	16.43	0.424	13.17	40.5265	104.9475083	104.986308	2.608097	104.984165	
2010	303	2300	303.958333333		10/30/2010 23:00	253	3.6195	0.388	16.44	0.424	13.13	40.5411	104.9430721	104.981871	2.603641	104.979708	
2010	303	2400	304.000000000		10/31/2010 0:00	252.8	3.6166	0.388	16.43	0.424	13.1	40.5477	104.9410556	104.979855	2.601615	104.977683	
2010	304	100	304.041666667		10/31/2010 1:00	252.68	3.6149	0.387	16.44	0.424	13.07	40.5517	104.9398458	104.978645	2.600400	104.976467	
2010	304	200	304.083333333		10/31/2010 2:00	252.43	3.6114	0.387	16.44	0.424	13.03	40.5600	104.9373252	104.976124	2.597868	104.973936	
2010	304	300	304.125000000		10/31/2010 3:00	252.29	3.6095	0.387	16.43	0.424	13	40.5646	104.9359136	104.974713	2.596450	104.972518	
2010	304	400	304.166666667		10/31/2010 4:00	252.1	3.6068	0.387	16.43	0.424	12.97	40.5709	104.933998	104.972797	2.594526	104.970593	
2010	304	500	304.208333333		10/31/2010 5:00	252.1	3.6068	0.387	16.43	0.424	12.94	40.5709	104.933998	104.972797	2.594526	104.970593	
2010	304	600	304.250000000		10/31/2010 6:00	251.99	3.6052	0.387	16.44	0.424	12.91	40.5745	104.9328889	104.971688	2.593412	104.969479	
2010	304	700	304.291666667		10/31/2010 7:00	251.95	3.6047	0.387	16.43	0.424	12.88	40.5758	104.9324857	104.971285	2.593007	104.969074	
2010	304	800	304.333333333		10/31/2010 8:00	251.8	3.6026	0.388	16.43	0.424	13.57	40.5808	104.9309733	104.969773	2.591487	104.967555	
2010	304	900	304.375000000		10/31/2010 9:00	251.87	3.6035	0.387	16.45	0.423	13.54	40.5785	104.9316791	104.970478	2.592196	104.968264	
2010	304	1000	304.416666667		10/31/2010 10:00	252.32	3.6099	0.387	16.42	0.424	13.49	40.5636	104.9362161	104.975015	2.596754	104.972822	
2010	304	1100	304.458333333		10/31/2010 11:00	252.28	3.6093	0.387	16.43	0.424	13.48	40.5649	104.9358128	104.974612	2.596349	104.972416	
2010	304	1200	304.500000000		10/31/2010 12:00	252.29	3.6095	0.387	16.43	0.424	13.45	40.5646	104.9359136	104.974713	2.596450	104.972518	
2010	304	1300	304.541666667		10/31/2010 13:00	252.46	3.6118	0.387	16.43	0.424	13.43	40.5590	104.9376276	104.976427	2.598172	104.974239	
2010	304	1400	304.583333333		10/31/2010 14:00	252.01	3.6055	0.387	16.43	0.424	13.43	40.5738	104.9330906	104.971890	2.593614	104.969682	
2010	304	1500	304.625000000		10/31/2010 15:00	251.8	3.6026	0.387	16.43	0.424	13.43	40.5808	104.9309733	104.969773	2.591487	104.967555	
2010	304	1600	304.666666667		10/31/2010 16:00	251.5	3.5983	0.387	16.43	0.424	13.45	40.5907	104.9279486	104.966748	2.588449	104.964517	
2010	304	1700	304.708333333		10/31/2010 17:00	251.16	3.5935	0.387	16.43	0.424	13.35	40.6020	104.9245206	104.963320	2.585006	104.961073	
2010	304	1800	304.750000000		10/31/2010 18:00	250.71	3.5872	0.387	16.42	0.424	13.28	40.6169	104.9199836	104.958783	2.580448	104.956516	
2010	304	1900	304.791666667		10/31/2010 19:00	250.3	3.5814	0.387	16.46	0.424	13.23	40.6304	104.9158498	104.954649	2.576296	104.952364	
2010	304	2000	304.833333333		10/31/2010 20:00	249.87	3.5754	0.387	16.43	0.424	13.19	40.6446	104.9115144	104.950314	2.571941	104.948009	
2010	304	2100	304.875000000		10/31/2010 21:00	249.51	3.5703	0.387	16.43	0.424	13.14	40.6565	104.9078848	104.946684	2.568295	104.944363	
2010	304	2200	304.916666667		10/31/2010 22:00	249.17	3.5655	0.387	16.44	0.424	13.1	40.6678	104.9044568	104.943256	2.564852	104.940919	
2010	304	2300	304.958333333		10/31/2010 23:00	248.92	3.5620	0.387	16.44	0.424	13.07	40.6761	104.9019362	104.940735	2.562320	104.938388	
2010	304	2400	305.000000000		11/01/2010 0:00	248.76	3.5598	0.387	16.44	0.424	13.04	40.6814	104.900323	104.939122	2.560699	104.936767	
2010	305	100	305.041666667		11/01/2010 1:00	248.74	3.5595	0.387	16.44	0.424	13	40.6820	104.9001214	104.938921	2.560497	104.936565	
2010	305	200	305.083333333		11/01/2010 2:00	249.1	3.5645	0.387	16.44	0.424	12.97	40.6701	104.903751	104.942550	2.564143	104.940210	
2010	305	300	305.125000000		11/01/2010 3:00	249.69	3.5728	0.387	16.43	0.424	12.94	40.6506	104.9096996	104.948499	2.570118	104.946186	
2010	305	400	305.166666667		11/01/2010 4:00	250.23	3.5805	0.387	16.43	0.424	12.9	40.6327	104.915144	104.953943	2.575587	104.951655	
2010	305	500	305.208333333		11/01/2010 5:00	250.69	3.5869	0.387	16.44	0.424	12.87	40.6175	104.9197819	104.958581	2.580246	104.956313	
2010	305	600	305.250000000		11/01/2010 6:00	251.03	3.5917	0.387	16.44	0.424	12.85	40.6063	104.9232099	104.962009	2.583689	104.959757	
2010	305	700	305.291666667		11/01/2010 7:00	251.22	3.5944	0.387	16.44	0.424	12.81	40.6000	104.9251256	104.963925	2.585613	104.961681	
2010	305	800	305.333333333		11/01/2010 8:00	251.31	3.5957	0.388	16.44	0.424	12.9	40.5970	104.926033	104.964832	2.586525	104.962593	
2010	305	900	305.375000000		11/01/2010 9:00	251.22	3.5944	0.387	16.44	0.424	13.49	40.6000	104.9251256	104.963925	2.585613	104.961681	
2010	305	1000	305.416666667		11/01/2010 10:00	251.07	3.5923	0.387	16.43	0.424	13.46	40.6049	104.9236132	104.962412	2.584094	104.960162	
2010	305	1100	305.458333333		11/01/2010 11:00	251.18	3.5938	0.387	16.43	0.424	13.43	40.6013	104.9247223	104.963521	2.585208	104.961276	

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	12/31/2009 23:45:00	16.8	465.9	1.9908	16.8	105.212
	1/1/2010 0:00:00	16.8	466.5	1.9915	16.8	105.180
	1/1/2010 0:15:00	16.8	466.4	1.9905	16.8	105.179
	1/1/2010 0:30:00	16.8	466.6	1.9907	16.8	105.179
	1/1/2010 0:45:00	16.8	466.4	1.9905	16.8	105.179
	1/1/2010 1:00:00	16.8	466.4	1.9901	16.8	105.179
	1/1/2010 1:15:00	16.8	466.5	1.9908	16.8	105.179
	1/1/2010 1:30:00	16.8	466.4	1.9907	16.8	105.179
	1/1/2010 1:45:00	16.8	466.4	1.9905	16.8	105.179
	1/1/2010 2:00:00	16.8	466.4	1.9918	16.8	105.180
	1/1/2010 2:15:00	16.8	466.3	1.9897	16.8	105.178
	1/1/2010 2:30:00	16.8	466.3	1.9918	16.8	105.180
	1/1/2010 2:45:00	16.8	466.4	1.9919	16.8	105.181
	1/1/2010 3:00:00	16.8	466.4	1.9921	16.8	105.181
	1/1/2010 3:15:00	16.8	466.3	1.9926	16.8	105.181
	1/1/2010 3:30:00	16.8	466.3	1.993	16.8	105.182
	1/1/2010 3:45:00	16.8	466.4	1.9937	16.8	105.182
	1/1/2010 4:00:00	16.8	466.4	1.9944	16.8	105.183
	1/1/2010 4:15:00	16.8	466.3	1.9944	16.8	105.183
	1/1/2010 4:30:00	16.8	466.4	1.9955	16.8	105.184
	1/1/2010 4:45:00	16.8	466.3	1.9951	16.8	105.184
	1/1/2010 5:00:00	16.8	466.1	1.9955	16.8	105.184
	1/1/2010 5:15:00	16.8	466.4	1.9969	16.8	105.186
	1/1/2010 5:30:00	16.8	466.3	1.9969	16.8	105.186
	1/1/2010 5:45:00	16.8	466.3	1.9972	16.8	105.186
	1/1/2010 6:00:00	16.8	466.1	1.9983	16.8	105.187
	1/1/2010 6:15:00	16.8	466.2	1.9987	16.8	105.187
	1/1/2010 6:30:00	16.8	466.3	1.999	16.8	105.188
	1/1/2010 6:45:00	16.8	466.3	2.0005	16.8	105.189
	1/1/2010 7:00:00	16.8	466.3	2.0012	16.8	105.190
	1/1/2010 7:15:00	16.8	466.3	2.0021	16.8	105.191
	1/1/2010 7:30:00	16.8	466.3	2.0026	16.8	105.191
	1/1/2010 7:45:00	16.8	466.3	2.0028	16.8	105.191
	1/1/2010 8:00:00	16.8	466.2	2.0037	16.8	105.192
	1/1/2010 8:15:00	16.8	466.1	2.0047	16.8	105.193
	1/1/2010 8:30:00	16.8	466.1	2.0058	16.8	105.194
	1/1/2010 8:45:00	16.8	466.1	2.0072	16.8	105.196
	1/1/2010 9:00:00	16.8	466.1	2.0078	16.8	105.196
	1/1/2010 9:15:00	16.8	466.2	2.009	16.8	105.198
	1/1/2010 9:30:00	16.8	466	2.0105	16.8	105.199
	1/1/2010 9:45:00	16.8	466.3	2.01	16.8	105.199
	1/1/2010 10:00:00	16.8	466.2	2.0115	16.8	105.200
	1/1/2010 10:15:00	16.8	466.3	2.0126	16.8	105.201
	1/1/2010 10:30:00	16.8	466.2	2.013	16.8	105.202
	1/1/2010 10:45:00	16.8	466.2	2.0133	16.8	105.202
	1/1/2010 11:00:00	16.8	466.2	2.0155	16.8	105.204
	1/1/2010 11:15:00	16.8	466.1	2.0162	16.8	105.205
	1/1/2010 11:30:00	16.8	466.2	2.0165	16.8	105.205
	1/1/2010 11:45:00	16.8	466	2.0176	16.8	105.206
	1/1/2010 12:00:00	16.8	466.1	2.0182	16.8	105.207
	1/1/2010 12:15:00	16.8	466.1	2.0183	16.8	105.207
	1/1/2010 12:30:00	16.8	466	2.0182	16.8	105.207
	1/1/2010 12:45:00	16.8	466	2.018	16.8	105.207
	1/1/2010 13:00:00	16.8	466	2.0183	16.8	105.207
	1/1/2010 13:15:00	16.8	466	2.0197	16.8	105.208
	1/1/2010 13:30:00	16.8	466	2.0197	16.8	105.208
	1/1/2010 13:45:00	16.8	465.9	2.0194	16.8	105.208
	1/1/2010 14:00:00	16.8	466	2.0183	16.8	105.207
	1/1/2010 14:15:00	16.8	466	2.0183	16.8	105.207
	1/1/2010 14:30:00	16.8	465.9	2.0183	16.8	105.207
	1/1/2010 14:45:00	16.8	465.8	2.018	16.8	105.207
	1/1/2010 15:00:00	16.8	465.8	2.018	16.8	105.207
	1/1/2010 15:15:00	16.8	465.8	2.0176	16.8	105.206
	1/1/2010 15:30:00	16.8	465.6	2.0169	16.8	105.206
	1/1/2010 15:45:00	16.8	465.7	2.0162	16.8	105.205
	1/1/2010 16:00:00	16.8	465.6	2.0158	16.8	105.204
	1/1/2010 16:15:00	16.8	465.6	2.0155	16.8	105.204



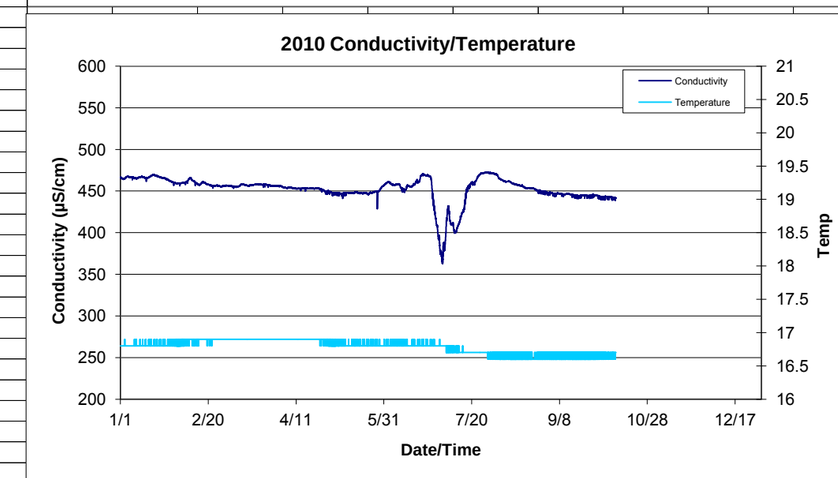


Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/1/2010 16:30:00	16.8	465.6	2.0155	16.8	105.204										
	1/1/2010 16:45:00	16.8	465.6	2.0147	16.8	105.203										
	1/1/2010 17:00:00	16.8	465.6	2.0147	16.8	105.203										
	1/1/2010 17:15:00	16.8	465.6	2.0137	16.8	105.202										
	1/1/2010 17:30:00	16.8	465.6	2.0126	16.8	105.201										
	1/1/2010 17:45:00	16.8	465.6	2.0119	16.8	105.201										
	1/1/2010 18:00:00	16.8	465.4	2.0119	16.8	105.201										
	1/1/2010 18:15:00	16.8	465.5	2.0108	16.8	105.199										
	1/1/2010 18:30:00	16.8	465.4	2.0101	16.8	105.199										
	1/1/2010 18:45:00	16.8	465.4	2.0101	16.8	105.199										
	1/1/2010 19:00:00	16.8	465.4	2.0083	16.8	105.197										
	1/1/2010 19:15:00	16.8	465.4	2.0083	16.8	105.197										
	1/1/2010 19:30:00	16.8	465.3	2.0072	16.8	105.196										
	1/1/2010 19:45:00	16.8	465.4	2.0062	16.8	105.195										
	1/1/2010 20:00:00	16.8	465.4	2.0051	16.8	105.194										
	1/1/2010 20:15:00	16.8	465.4	2.0051	16.8	105.194										
	1/1/2010 20:30:00	16.8	465.3	2.0026	16.8	105.191										
	1/1/2010 20:45:00	16.8	465.5	2.003	16.8	105.192										
	1/1/2010 21:00:00	16.8	465.2	2.0019	16.8	105.191										
	1/1/2010 21:15:00	16.8	465.4	2.0001	16.8	105.189										
	1/1/2010 21:30:00	16.8	465.4	2.0012	16.8	105.190										
	1/1/2010 21:45:00	16.8	465.3	1.9994	16.8	105.188										
	1/1/2010 22:00:00	16.8	465.2	1.9983	16.8	105.187										
	1/1/2010 22:15:00	16.8	465.1	1.9969	16.8	105.186										
	1/1/2010 22:30:00	16.8	464.9	1.9962	16.8	105.185										
	1/1/2010 22:45:00	16.8	465.3	1.9951	16.8	105.184										
	1/1/2010 23:00:00	16.8	465.2	1.994	16.8	105.183										
	1/1/2010 23:15:00	16.8	465.2	1.9933	16.8	105.182										
	1/1/2010 23:30:00	16.8	465.2	1.9921	16.8	105.181										
	1/1/2010 23:45:00	16.8	465.1	1.9908	16.8	105.179										
	1/2/2010 0:00:00	16.8	465.3	1.9901	16.8	105.179										
	1/2/2010 0:15:00	16.8	465.2	1.9894	16.8	105.178										
	1/2/2010 0:30:00	16.8	465.2	1.989	16.8	105.178										
	1/2/2010 0:45:00	16.8	465.2	1.9868	16.8	105.175										
	1/2/2010 1:00:00	16.8	465	1.9858	16.8	105.174										
	1/2/2010 1:15:00	16.8	465	1.9855	16.8	105.174										
	1/2/2010 1:30:00	16.8	465.1	1.984	16.8	105.173										
	1/2/2010 1:45:00	16.8	465.1	1.9837	16.8	105.172										
	1/2/2010 2:00:00	16.8	465.2	1.9826	16.8	105.171										
	1/2/2010 2:15:00	16.8	465	1.9808	16.8	105.169										
	1/2/2010 2:30:00	16.8	465.1	1.979	16.8	105.168										
	1/2/2010 2:45:00	16.8	465.1	1.9797	16.8	105.168										
	1/2/2010 3:00:00	16.8	465.1	1.9783	16.8	105.167										
	1/2/2010 3:15:00	16.8	465.1	1.9776	16.8	105.166										
	1/2/2010 3:30:00	16.8	465	1.9769	16.8	105.166										
	1/2/2010 3:45:00	16.8	465	1.9755	16.8	105.164										
	1/2/2010 4:00:00	16.8	464.9	1.9744	16.8	105.163										
	1/2/2010 4:15:00	16.8	464.9	1.9733	16.8	105.162										
	1/2/2010 4:30:00	16.8	464.9	1.9726	16.8	105.161										
	1/2/2010 4:45:00	16.8	464.8	1.9715	16.8	105.160										
	1/2/2010 5:00:00	16.8	464.9	1.9708	16.8	105.159										
	1/2/2010 5:15:00	16.8	465	1.9697	16.8	105.158										
	1/2/2010 5:30:00	16.8	464.9	1.9678	16.8	105.156										
	1/2/2010 5:45:00	16.8	464.6	1.9672	16.8	105.156										
	1/2/2010 6:00:00	16.8	465	1.9669	16.8	105.156										
	1/2/2010 6:15:00	16.8	465	1.9658	16.8	105.154										
	1/2/2010 6:30:00	16.8	464.9	1.9647	16.8	105.153										
	1/2/2010 6:45:00	16.8	464.8	1.964	16.8	105.153										
	1/2/2010 7:00:00	16.8	464.8	1.9626	16.8	105.151										
	1/2/2010 7:15:00	16.8	464.8	1.9619	16.8	105.151										
	1/2/2010 7:30:00	16.8	464.8	1.9608	16.8	105.149										
	1/2/2010 7:45:00	16.8	464.8	1.9597	16.8	105.148										
	1/2/2010 8:00:00	16.8	464.9	1.9587	16.8	105.147										
	1/2/2010 8:15:00	16.8	464.8	1.9576	16.8	105.146										
	1/2/2010 8:30:00	16.8	464.7	1.9564	16.8	105.145										
	1/2/2010 8:45:00	16.8	464.7	1.9551	16.8	105.144										
	1/2/2010 9:00:00	16.8	464.6	1.9551	16.8	105.144										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/2/2010 9:15:00	16.8	464.6	1.9533	16.8	105.142
	1/2/2010 9:30:00	16.8	464.7	1.953	16.8	105.142
	1/2/2010 9:45:00	16.8	464.6	1.9512	16.8	105.140
	1/2/2010 10:00:00	16.8	464.7	1.9497	16.8	105.138
	1/2/2010 10:15:00	16.8	464.8	1.9494	16.8	105.138
	1/2/2010 10:30:00	16.8	464.7	1.9483	16.8	105.137
	1/2/2010 10:45:00	16.8	464.6	1.948	16.8	105.137
	1/2/2010 11:00:00	16.8	464.6	1.9469	16.8	105.136
	1/2/2010 11:15:00	16.8	464.6	1.9458	16.8	105.134
	1/2/2010 11:30:00	16.8	464.8	1.9447	16.8	105.133
	1/2/2010 11:45:00	16.8	464.6	1.9437	16.8	105.132
	1/2/2010 12:00:00	16.8	464.7	1.943	16.8	105.132
	1/2/2010 12:15:00	16.8	464.7	1.9415	16.8	105.130
	1/2/2010 12:30:00	16.8	464.7	1.9408	16.8	105.129
	1/2/2010 12:45:00	16.8	464.7	1.9397	16.8	105.128
	1/2/2010 13:00:00	16.8	464.6	1.9387	16.8	105.127
	1/2/2010 13:15:00	16.8	464.7	1.9376	16.8	105.126
	1/2/2010 13:30:00	16.8	464.6	1.9364	16.8	105.125
	1/2/2010 13:45:00	16.8	464.7	1.9362	16.8	105.125
	1/2/2010 14:00:00	16.8	464	1.9351	16.8	105.124
	1/2/2010 14:15:00	16.8	464.5	1.9337	16.8	105.122
	1/2/2010 14:30:00	16.8	464.7	1.9326	16.8	105.121
	1/2/2010 14:45:00	16.8	464.7	1.9312	16.8	105.120
	1/2/2010 15:00:00	16.8	464.7	1.9308	16.8	105.119
	1/2/2010 15:15:00	16.8	464.7	1.9294	16.8	105.118
	1/2/2010 15:30:00	16.8	464.7	1.9287	16.8	105.117
	1/2/2010 15:45:00	16.8	464.6	1.9272	16.8	105.116
	1/2/2010 16:00:00	16.8	464.7	1.9265	16.8	105.115
	1/2/2010 16:15:00	16.8	464.5	1.9258	16.8	105.114
	1/2/2010 16:30:00	16.8	464.5	1.925	16.8	105.114
	1/2/2010 16:45:00	16.8	464.6	1.924	16.8	105.113
	1/2/2010 17:00:00	16.8	464.6	1.923	16.8	105.112
	1/2/2010 17:15:00	16.8	464.6	1.9219	16.8	105.111
	1/2/2010 17:30:00	16.8	464.8	1.9208	16.8	105.109
	1/2/2010 17:45:00	16.8	464.5	1.9197	16.8	105.108
	1/2/2010 18:00:00	16.8	464.6	1.9186	16.8	105.107
	1/2/2010 18:15:00	16.8	464.7	1.9183	16.8	105.107
	1/2/2010 18:30:00	16.8	464.6	1.9165	16.8	105.105
	1/2/2010 18:45:00	16.8	464.6	1.9162	16.8	105.105
	1/2/2010 19:00:00	16.8	464.6	1.9153	16.8	105.104
	1/2/2010 19:15:00	16.8	464.5	1.9144	16.8	105.103
	1/2/2010 19:30:00	16.8	464.6	1.9137	16.8	105.102
	1/2/2010 19:45:00	16.8	464.7	1.9126	16.8	105.101
	1/2/2010 20:00:00	16.8	464.6	1.9119	16.8	105.101
	1/2/2010 20:15:00	16.8	464.5	1.9108	16.8	105.099
	1/2/2010 20:30:00	16.8	464.7	1.9097	16.8	105.098
	1/2/2010 20:45:00	16.8	464.6	1.909	16.8	105.098
	1/2/2010 21:00:00	16.8	464.6	1.908	16.8	105.097
	1/2/2010 21:15:00	16.8	464.7	1.9069	16.8	105.096
	1/2/2010 21:30:00	16.8	464.7	1.9062	16.8	105.095
	1/2/2010 21:45:00	16.8	464.7	1.9051	16.8	105.094
	1/2/2010 22:00:00	16.8	464.9	1.904	16.8	105.093
	1/2/2010 22:15:00	16.8	464.7	1.9037	16.8	105.092
	1/2/2010 22:30:00	16.8	464.6	1.9026	16.8	105.091
	1/2/2010 22:45:00	16.8	464.5	1.9019	16.8	105.091
	1/2/2010 23:00:00	16.8	464.6	1.9008	16.8	105.089
	1/2/2010 23:15:00	16.8	464.6	1.9001	16.8	105.089
	1/2/2010 23:30:00	16.8	464.7	1.899	16.8	105.088
	1/2/2010 23:45:00	16.8	464.7	1.8983	16.8	105.087
	1/3/2010 0:00:00	16.8	464.6	1.8972	16.8	105.086
	1/3/2010 0:15:00	16.8	464.6	1.8965	16.8	105.085
	1/3/2010 0:30:00	16.8	464.6	1.8955	16.8	105.084
	1/3/2010 0:45:00	16.8	464.7	1.8947	16.8	105.083
	1/3/2010 1:00:00	16.8	464.7	1.8937	16.8	105.082
	1/3/2010 1:15:00	16.8	464.7	1.893	16.8	105.082
	1/3/2010 1:30:00	16.8	464.7	1.8922	16.8	105.081
	1/3/2010 1:45:00	16.8	464.7	1.8912	16.8	105.080

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/3/2010 2:00:00	16.8	464.7	1.8905	16.8	105.079										
	1/3/2010 2:15:00	16.8	464.8	1.8894	16.8	105.078										
	1/3/2010 2:30:00	16.8	464.8	1.889	16.8	105.078										
	1/3/2010 2:45:00	16.8	464.9	1.8883	16.8	105.077										
	1/3/2010 3:00:00	16.8	464.8	1.8876	16.8	105.076										
	1/3/2010 3:15:00	16.8	464.9	1.8869	16.8	105.076										
	1/3/2010 3:30:00	16.8	464.9	1.8862	16.8	105.075										
	1/3/2010 3:45:00	16.8	464.9	1.8855	16.8	105.074										
	1/3/2010 4:00:00	16.8	464.8	1.8851	16.8	105.074										
	1/3/2010 4:15:00	16.8	464.9	1.8844	16.8	105.073										
	1/3/2010 4:30:00	16.8	464.9	1.8836	16.8	105.072										
	1/3/2010 4:45:00	16.8	464.9	1.883	16.8	105.072										
	1/3/2010 5:00:00	16.8	464.9	1.8826	16.8	105.071										
	1/3/2010 5:15:00	16.8	464.9	1.8815	16.8	105.070										
	1/3/2010 5:30:00	16.8	464.9	1.8808	16.8	105.069										
	1/3/2010 5:45:00	16.8	464.9	1.8801	16.8	105.069										
	1/3/2010 6:00:00	16.8	464.9	1.8796	16.8	105.068										
	1/3/2010 6:15:00	16.8	464.9	1.8794	16.8	105.068										
	1/3/2010 6:30:00	16.8	465	1.8787	16.8	105.067										
	1/3/2010 6:45:00	16.8	465	1.878	16.8	105.067										
	1/3/2010 7:00:00	16.8	464.9	1.8772	16.8	105.066										
	1/3/2010 7:15:00	16.8	465	1.8769	16.8	105.066										
	1/3/2010 7:30:00	16.8	465.1	1.8762	16.8	105.065										
	1/3/2010 7:45:00	16.8	464.9	1.8755	16.8	105.064										
	1/3/2010 8:00:00	16.8	465.1	1.8751	16.8	105.064										
	1/3/2010 8:15:00	16.8	465	1.874	16.8	105.063										
	1/3/2010 8:30:00	16.8	465	1.8737	16.8	105.062										
	1/3/2010 8:45:00	16.8	465.1	1.8726	16.8	105.061										
	1/3/2010 9:00:00	16.8	465.1	1.8726	16.8	105.061										
	1/3/2010 9:15:00	16.8	465.2	1.8719	16.8	105.061										
	1/3/2010 9:30:00	16.8	465.1	1.8708	16.8	105.059										
	1/3/2010 9:45:00	16.8	465.2	1.8705	16.8	105.059										
	1/3/2010 10:00:00	16.8	465.2	1.8697	16.8	105.058										
	1/3/2010 10:15:00	16.8	465.1	1.869	16.8	105.058										
	1/3/2010 10:30:00	16.8	465.2	1.8683	16.8	105.057										
	1/3/2010 10:45:00	16.8	465.1	1.8676	16.8	105.056										
	1/3/2010 11:00:00	16.9	464.5	1.8665	16.8	105.055										
	1/3/2010 11:15:00	16.8	465.3	1.8665	16.8	105.055										
	1/3/2010 11:30:00	16.8	465.3	1.8658	16.8	105.054										
	1/3/2010 11:45:00	16.8	465.3	1.8647	16.8	105.053										
	1/3/2010 12:00:00	16.8	465.3	1.864	16.8	105.053										
	1/3/2010 12:15:00	16.8	465.3	1.8633	16.8	105.052										
	1/3/2010 12:30:00	16.8	465.3	1.8622	16.8	105.051										
	1/3/2010 12:45:00	16.8	465.4	1.8619	16.8	105.051										
	1/3/2010 13:00:00	16.8	465.4	1.8608	16.8	105.049										
	1/3/2010 13:15:00	16.8	465.4	1.8601	16.8	105.049										
	1/3/2010 13:30:00	16.8	465.4	1.8597	16.8	105.048										
	1/3/2010 13:45:00	16.8	464.9	1.859	16.8	105.048										
	1/3/2010 14:00:00	16.8	465.4	1.858	16.8	105.047										
	1/3/2010 14:15:00	16.8	465.4	1.8572	16.8	105.046										
	1/3/2010 14:30:00	16.8	465.5	1.8565	16.8	105.045										
	1/3/2010 14:45:00	16.8	465.4	1.8558	16.8	105.044										
	1/3/2010 15:00:00	16.8	465.4	1.8544	16.8	105.043										
	1/3/2010 15:15:00	16.8	465.6	1.854	16.8	105.043										
	1/3/2010 15:30:00	16.8	465.6	1.8533	16.8	105.042										
	1/3/2010 15:45:00	16.8	465.5	1.8522	16.8	105.041										
	1/3/2010 16:00:00	16.8	465.6	1.8515	16.8	105.040										
	1/3/2010 16:15:00	16.8	465.7	1.8508	16.8	105.039										
	1/3/2010 16:30:00	16.8	465.7	1.8501	16.8	105.039										
	1/3/2010 16:45:00	16.8	465.7	1.8487	16.8	105.037										
	1/3/2010 17:00:00	16.8	465.7	1.8486	16.8	105.037										
	1/3/2010 17:15:00	16.8	465.6	1.848	16.8	105.037										
	1/3/2010 17:30:00	16.8	465.7	1.8469	16.8	105.036										
	1/3/2010 17:45:00	16.8	465.6	1.8462	16.8	105.035										
	1/3/2010 18:00:00	16.8	465.8	1.8455	16.8	105.034										
	1/3/2010 18:15:00	16.8	465.8	1.8451	16.8	105.034										
	1/3/2010 18:30:00	16.8	465.8	1.843	16.8	105.032										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/3/2010 18:45:00	16.8	465.9	1.8426	16.8	105.031										
	1/3/2010 19:00:00	16.8	465.8	1.8419	16.8	105.031										
	1/3/2010 19:15:00	16.8	465.9	1.8412	16.8	105.030										
	1/3/2010 19:30:00	16.8	465.9	1.8405	16.8	105.029										
	1/3/2010 19:45:00	16.8	465.8	1.8397	16.8	105.028										
	1/3/2010 20:00:00	16.8	465.9	1.839	16.8	105.028										
	1/3/2010 20:15:00	16.8	466	1.8383	16.8	105.027										
	1/3/2010 20:30:00	16.8	466	1.8372	16.8	105.026										
	1/3/2010 20:45:00	16.8	466	1.8362	16.8	105.025										
	1/3/2010 21:00:00	16.8	465.9	1.8355	16.8	105.024										
	1/3/2010 21:15:00	16.8	466	1.8347	16.8	105.023										
	1/3/2010 21:30:00	16.8	466.1	1.834	16.8	105.023										
	1/3/2010 21:45:00	16.8	466.1	1.8333	16.8	105.022										
	1/3/2010 22:00:00	16.8	466	1.8326	16.8	105.021										
	1/3/2010 22:15:00	16.8	466.2	1.8319	16.8	105.021										
	1/3/2010 22:30:00	16.8	466.1	1.8308	16.8	105.019										
	1/3/2010 22:45:00	16.8	466.2	1.8301	16.8	105.019										
	1/3/2010 23:00:00	16.8	466.2	1.829	16.8	105.018										
	1/3/2010 23:15:00	16.8	466.2	1.8287	16.8	105.017										
	1/3/2010 23:30:00	16.8	465.5	1.8272	16.8	105.016										
	1/3/2010 23:45:00	16.8	466.2	1.8272	16.8	105.016										
	1/4/2010 0:00:00	16.8	466.2	1.8258	16.8	105.014										
	1/4/2010 0:15:00	16.8	466.3	1.8251	16.8	105.014										
	1/4/2010 0:30:00	16.8	466.3	1.8244	16.8	105.013										
	1/4/2010 0:45:00	16.8	466.3	1.8237	16.8	105.012										
	1/4/2010 1:00:00	16.8	466.3	1.8222	16.8	105.011										
	1/4/2010 1:15:00	16.8	466.3	1.8226	16.8	105.011										
	1/4/2010 1:30:00	16.8	466.1	1.8208	16.8	105.009										
	1/4/2010 1:45:00	16.8	466.4	1.8197	16.8	105.008										
	1/4/2010 2:00:00	16.8	466.5	1.8197	16.8	105.008										
	1/4/2010 2:15:00	16.8	466.4	1.8183	16.8	105.007										
	1/4/2010 2:30:00	16.8	466.5	1.8183	16.8	105.007										
	1/4/2010 2:45:00	16.8	466.5	1.8172	16.8	105.006										
	1/4/2010 3:00:00	16.8	466.4	1.8165	16.8	105.005										
	1/4/2010 3:15:00	16.8	466.5	1.8155	16.8	105.004										
	1/4/2010 3:30:00	16.8	466.6	1.8155	16.8	105.004										
	1/4/2010 3:45:00	16.8	466.6	1.8144	16.8	105.003										
	1/4/2010 4:00:00	16.8	466.6	1.814	16.8	105.003										
	1/4/2010 4:15:00	16.8	466.8	1.814	16.8	105.003										
	1/4/2010 4:30:00	16.8	466.7	1.8133	16.8	105.002										
	1/4/2010 4:45:00	16.8	466.7	1.8126	16.8	105.001										
	1/4/2010 5:00:00	16.8	466.7	1.8122	16.8	105.001										
	1/4/2010 5:15:00	16.8	466.7	1.8119	16.8	105.001										
	1/4/2010 5:30:00	16.8	466.7	1.8112	16.8	105.000										
	1/4/2010 5:45:00	16.8	466.8	1.8105	16.8	104.999										
	1/4/2010 6:00:00	16.8	466.7	1.8101	16.8	104.999										
	1/4/2010 6:15:00	16.8	466.7	1.8097	16.8	104.998										
	1/4/2010 6:30:00	16.8	466.8	1.8094	16.8	104.998										
	1/4/2010 6:45:00	16.8	466.7	1.809	16.8	104.998										
	1/4/2010 7:00:00	16.8	466.9	1.8087	16.8	104.997										
	1/4/2010 7:15:00	16.8	466.8	1.808	16.8	104.997										
	1/4/2010 7:30:00	16.8	466.9	1.808	16.8	104.997										
	1/4/2010 7:45:00	16.8	466.8	1.808	16.8	104.997										
	1/4/2010 8:00:00	16.8	466.8	1.8076	16.8	104.996										
	1/4/2010 8:15:00	16.8	466.8	1.8065	16.8	104.995										
	1/4/2010 8:30:00	16.8	466.9	1.8062	16.8	104.995										
	1/4/2010 8:45:00	16.8	466.9	1.8055	16.8	104.994										
	1/4/2010 9:00:00	16.8	466.9	1.8051	16.8	104.994										
	1/4/2010 9:15:00	16.8	466.9	1.8051	16.8	104.994										
	1/4/2010 9:30:00	16.8	467	1.8051	16.8	104.994										
	1/4/2010 9:45:00	16.8	466.9	1.8044	16.8	104.993										
	1/4/2010 10:00:00	16.8	467.1	1.8044	16.8	104.993										
	1/4/2010 10:15:00	16.8	466.9	1.8033	16.8	104.992										
	1/4/2010 10:30:00	16.8	467	1.8033	16.8	104.992										
	1/4/2010 10:45:00	16.8	466.9	1.8026	16.8	104.991										
	1/4/2010 11:00:00	16.8	466.9	1.8022	16.8	104.991										
	1/4/2010 11:15:00	16.8	467	1.8019	16.8	104.991										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/4/2010 11:30:00	16.8	467	1.8019	16.8	104.991										
	1/4/2010 11:45:00	16.8	467	1.8012	16.8	104.990										
	1/4/2010 12:00:00	16.8	467	1.8008	16.8	104.989										
	1/4/2010 12:15:00	16.8	467	1.8005	16.8	104.989										
	1/4/2010 12:30:00	16.8	467	1.7994	16.8	104.988										
	1/4/2010 12:45:00	16.8	467.1	1.7997	16.8	104.988										
	1/4/2010 13:00:00	16.8	467.2	1.7976	16.8	104.986										
	1/4/2010 13:15:00	16.8	466.9	1.7976	16.8	104.986										
	1/4/2010 13:30:00	16.8	467.1	1.7976	16.8	104.986										
	1/4/2010 13:45:00	16.8	467.2	1.7969	16.8	104.986										
	1/4/2010 14:00:00	16.8	467.2	1.7965	16.8	104.985										
	1/4/2010 14:15:00	16.8	467.1	1.7951	16.8	104.984										
	1/4/2010 14:30:00	16.8	467.1	1.7951	16.8	104.984										
	1/4/2010 14:45:00	16.8	467.3	1.7947	16.8	104.983										
	1/4/2010 15:00:00	16.8	467.3	1.7947	16.8	104.983										
	1/4/2010 15:15:00	16.8	467.2	1.794	16.8	104.983										
	1/4/2010 15:30:00	16.8	467.3	1.7933	16.8	104.982										
	1/4/2010 15:45:00	16.8	467.2	1.7933	16.8	104.982										
	1/4/2010 16:00:00	16.8	467.2	1.7922	16.8	104.981										
	1/4/2010 16:15:00	16.8	467.3	1.7922	16.8	104.981										
	1/4/2010 16:30:00	16.8	467.3	1.7919	16.8	104.981										
	1/4/2010 16:45:00	16.8	467.3	1.7915	16.8	104.980										
	1/4/2010 17:00:00	16.8	467.3	1.7912	16.8	104.980										
	1/4/2010 17:15:00	16.8	467.3	1.7905	16.8	104.979										
	1/4/2010 17:30:00	16.8	467.2	1.7901	16.8	104.979										
	1/4/2010 17:45:00	16.8	467.4	1.7894	16.8	104.978										
	1/4/2010 18:00:00	16.8	467.3	1.789	16.8	104.978										
	1/4/2010 18:15:00	16.8	467.3	1.789	16.8	104.978										
	1/4/2010 18:30:00	16.8	467.3	1.7887	16.8	104.977										
	1/4/2010 18:45:00	16.8	467.3	1.7883	16.8	104.977										
	1/4/2010 19:00:00	16.8	467.4	1.788	16.8	104.977										
	1/4/2010 19:15:00	16.8	467.4	1.7876	16.8	104.976										
	1/4/2010 19:30:00	16.8	467.3	1.7869	16.8	104.976										
	1/4/2010 19:45:00	16.8	467.5	1.7862	16.8	104.975										
	1/4/2010 20:00:00	16.8	467.4	1.7858	16.8	104.974										
	1/4/2010 20:15:00	16.8	467.4	1.7855	16.8	104.974										
	1/4/2010 20:30:00	16.8	467.3	1.7851	16.8	104.974										
	1/4/2010 20:45:00	16.8	467.4	1.7847	16.8	104.973										
	1/4/2010 21:00:00	16.8	467.4	1.7844	16.8	104.973										
	1/4/2010 21:15:00	16.8	467.5	1.7837	16.8	104.972										
	1/4/2010 21:30:00	16.8	467.5	1.7833	16.8	104.972										
	1/4/2010 21:45:00	16.8	467.6	1.7826	16.8	104.971										
	1/4/2010 22:00:00	16.8	467.5	1.7819	16.8	104.971										
	1/4/2010 22:15:00	16.8	467.5	1.7815	16.8	104.970										
	1/4/2010 22:30:00	16.8	467.5	1.7815	16.8	104.970										
	1/4/2010 22:45:00	16.8	467.4	1.7808	16.8	104.969										
	1/4/2010 23:00:00	16.8	467.5	1.7794	16.8	104.968										
	1/4/2010 23:15:00	16.8	467.4	1.7797	16.8	104.968										
	1/4/2010 23:30:00	16.8	467.5	1.779	16.8	104.968										
	1/4/2010 23:45:00	16.8	467.5	1.7787	16.8	104.967										
	1/5/2010 0:00:00	16.8	467.4	1.778	16.8	104.967										
	1/5/2010 0:15:00	16.8	467.5	1.778	16.8	104.967										
	1/5/2010 0:30:00	16.8	467.6	1.7769	16.8	104.966										
	1/5/2010 0:45:00	16.8	467.6	1.7758	16.8	104.964										
	1/5/2010 1:00:00	16.8	467.5	1.7755	16.8	104.964										
	1/5/2010 1:15:00	16.8	467.5	1.7751	16.8	104.964										
	1/5/2010 1:30:00	16.8	467.5	1.7744	16.8	104.963										
	1/5/2010 1:45:00	16.8	467.5	1.7744	16.8	104.963										
	1/5/2010 2:00:00	16.8	467.6	1.7744	16.8	104.963										
	1/5/2010 2:15:00	16.8	467.5	1.774	16.8	104.963										
	1/5/2010 2:30:00	16.8	467.5	1.773	16.8	104.962										
	1/5/2010 2:45:00	16.8	467.5	1.7733	16.8	104.962										
	1/5/2010 3:00:00	16.8	467.5	1.7737	16.8	104.962										
	1/5/2010 3:15:00	16.8	467.6	1.7737	16.8	104.962										
	1/5/2010 3:30:00	16.8	467.5	1.7737	16.8	104.962										
	1/5/2010 3:45:00	16.8	467.5	1.7737	16.8	104.962										
	1/5/2010 4:00:00	16.8	467.5	1.7744	16.8	104.963										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/5/2010 4:15:00	16.8	467.7	1.774	16.8	104.963										
	1/5/2010 4:30:00	16.8	467.6	1.7747	16.8	104.963										
	1/5/2010 4:45:00	16.8	467.6	1.7751	16.8	104.964										
	1/5/2010 5:00:00	16.8	467.5	1.7758	16.8	104.964										
	1/5/2010 5:15:00	16.8	467.6	1.7762	16.8	104.965										
	1/5/2010 5:30:00	16.8	467.4	1.7769	16.8	104.966										
	1/5/2010 5:45:00	16.8	467.5	1.7772	16.8	104.966										
	1/5/2010 6:00:00	16.8	467.5	1.7776	16.8	104.966										
	1/5/2010 6:15:00	16.8	467.4	1.7787	16.8	104.967										
	1/5/2010 6:30:00	16.8	467.5	1.7787	16.8	104.967										
	1/5/2010 6:45:00	16.8	467.5	1.7805	16.8	104.969										
	1/5/2010 7:00:00	16.8	467.5	1.7808	16.8	104.969										
	1/5/2010 7:15:00	16.8	467.6	1.7819	16.8	104.971										
	1/5/2010 7:30:00	16.8	467.4	1.7822	16.8	104.971										
	1/5/2010 7:45:00	16.8	467.5	1.7833	16.8	104.972										
	1/5/2010 8:00:00	16.8	467.7	1.784	16.8	104.973										
	1/5/2010 8:15:00	16.8	467.4	1.7851	16.8	104.974										
	1/5/2010 8:30:00	16.8	467.5	1.7862	16.8	104.975										
	1/5/2010 8:45:00	16.8	467.4	1.7869	16.8	104.976										
	1/5/2010 9:00:00	16.8	467.4	1.7876	16.8	104.976										
	1/5/2010 9:15:00	16.8	467.4	1.789	16.8	104.978										
	1/5/2010 9:30:00	16.8	467.5	1.7901	16.8	104.979										
	1/5/2010 9:45:00	16.8	467.4	1.7908	16.8	104.979										
	1/5/2010 10:00:00	16.8	467.5	1.7919	16.8	104.981										
	1/5/2010 10:15:00	16.8	467.3	1.7922	16.8	104.981										
	1/5/2010 10:30:00	16.8	467.4	1.7936	16.8	104.982										
	1/5/2010 10:45:00	16.8	467.3	1.7944	16.8	104.983										
	1/5/2010 11:00:00	16.8	467.2	1.7951	16.8	104.984										
	1/5/2010 11:15:00	16.8	467.3	1.7962	16.8	104.985										
	1/5/2010 11:30:00	16.8	467.3	1.7972	16.8	104.986										
	1/5/2010 11:45:00	16.8	467.2	1.798	16.8	104.987										
	1/5/2010 12:00:00	16.8	467.3	1.7987	16.8	104.987										
	1/5/2010 12:15:00	16.8	467.2	1.799	16.8	104.988										
	1/5/2010 12:30:00	16.8	467.2	1.7997	16.8	104.988										
	1/5/2010 12:45:00	16.8	467.2	1.8005	16.8	104.989										
	1/5/2010 13:00:00	16.8	467.2	1.8012	16.8	104.990										
	1/5/2010 13:15:00	16.8	467.2	1.8019	16.8	104.991										
	1/5/2010 13:30:00	16.8	467.2	1.8022	16.8	104.991										
	1/5/2010 13:45:00	16.8	467.3	1.8026	16.8	104.991										
	1/5/2010 14:00:00	16.8	467.1	1.8037	16.8	104.992										
	1/5/2010 14:15:00	16.8	467.1	1.804	16.8	104.993										
	1/5/2010 14:30:00	16.8	467.1	1.8051	16.8	104.994										
	1/5/2010 14:45:00	16.8	467	1.8058	16.8	104.994										
	1/5/2010 15:00:00	16.8	467	1.8062	16.8	104.995										
	1/5/2010 15:15:00	16.8	467.1	1.8065	16.8	104.995										
	1/5/2010 15:30:00	16.8	467	1.8072	16.8	104.996										
	1/5/2010 15:45:00	16.8	467	1.8069	16.8	104.996										
	1/5/2010 16:00:00	16.8	467	1.8076	16.8	104.996										
	1/5/2010 16:15:00	16.8	467.1	1.8083	16.8	104.997										
	1/5/2010 16:30:00	16.8	466.9	1.8087	16.8	104.997										
	1/5/2010 16:45:00	16.8	467	1.809	16.8	104.998										
	1/5/2010 17:00:00	16.8	466.9	1.8097	16.8	104.998										
	1/5/2010 17:15:00	16.8	467	1.8101	16.8	104.999										
	1/5/2010 17:30:00	16.8	466.9	1.8105	16.8	104.999										
	1/5/2010 17:45:00	16.8	466.9	1.8108	16.8	104.999										
	1/5/2010 18:00:00	16.8	466.9	1.8105	16.8	104.999										
	1/5/2010 18:15:00	16.8	467	1.8112	16.8	105.000										
	1/5/2010 18:30:00	16.8	466.9	1.8112	16.8	105.000										
	1/5/2010 18:45:00	16.8	466.8	1.8112	16.8	105.000										
	1/5/2010 19:00:00	16.8	467	1.8115	16.8	105.000										
	1/5/2010 19:15:00	16.8	466.9	1.8115	16.8	105.000										
	1/5/2010 19:30:00	16.8	466.9	1.8115	16.8	105.000										
	1/5/2010 19:45:00	16.8	466.8	1.8115	16.8	105.000										
	1/5/2010 20:00:00	16.8	466.8	1.8119	16.8	105.001										
	1/5/2010 20:15:00	16.8	466.9	1.8112	16.8	105.000										
	1/5/2010 20:30:00	16.8	466.9	1.8108	16.8	104.999										
	1/5/2010 20:45:00	16.8	467	1.8108	16.8	104.999										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/5/2010 21:00:00	16.8	466.9	1.8108	16.8	104.999										
	1/5/2010 21:15:00	16.8	466.8	1.8101	16.8	104.999										
	1/5/2010 21:30:00	16.8	466.8	1.8101	16.8	104.999										
	1/5/2010 21:45:00	16.8	466.8	1.8097	16.8	104.998										
	1/5/2010 22:00:00	16.8	466.8	1.8097	16.8	104.998										
	1/5/2010 22:15:00	16.8	466.8	1.809	16.8	104.998										
	1/5/2010 22:30:00	16.8	466.9	1.809	16.8	104.998										
	1/5/2010 22:45:00	16.8	466.8	1.8083	16.8	104.997										
	1/5/2010 23:00:00	16.8	466.9	1.808	16.8	104.997										
	1/5/2010 23:15:00	16.8	467	1.8076	16.8	104.996										
	1/5/2010 23:30:00	16.8	466.7	1.8069	16.8	104.996										
	1/5/2010 23:45:00	16.8	466.8	1.8069	16.8	104.996										
	1/6/2010 0:00:00	16.8	466.7	1.8065	16.8	104.995										
	1/6/2010 0:15:00	16.8	466.8	1.8055	16.8	104.994										
	1/6/2010 0:30:00	16.8	466.9	1.8058	16.8	104.994										
	1/6/2010 0:45:00	16.8	466.8	1.8047	16.8	104.993										
	1/6/2010 1:00:00	16.8	466.8	1.8047	16.8	104.993										
	1/6/2010 1:15:00	16.8	466.8	1.804	16.8	104.993										
	1/6/2010 1:30:00	16.8	466.8	1.8033	16.8	104.992										
	1/6/2010 1:45:00	16.8	467	1.8037	16.8	104.992										
	1/6/2010 2:00:00	16.8	467.1	1.8037	16.8	104.992										
	1/6/2010 2:15:00	16.8	466.9	1.8037	16.8	104.992										
	1/6/2010 2:30:00	16.8	466.8	1.804	16.8	104.993										
	1/6/2010 2:45:00	16.8	466.9	1.8037	16.8	104.992										
	1/6/2010 3:00:00	16.8	466.9	1.8044	16.8	104.993										
	1/6/2010 3:15:00	16.8	467	1.804	16.8	104.993										
	1/6/2010 3:30:00	16.8	466.9	1.8047	16.8	104.993										
	1/6/2010 3:45:00	16.8	466.9	1.8051	16.8	104.994										
	1/6/2010 4:00:00	16.8	466.8	1.8058	16.8	104.994										
	1/6/2010 4:15:00	16.8	467	1.8062	16.8	104.995										
	1/6/2010 4:30:00	16.8	467	1.8065	16.8	104.995										
	1/6/2010 4:45:00	16.8	466.9	1.8069	16.8	104.996										
	1/6/2010 5:00:00	16.8	467	1.8072	16.8	104.996										
	1/6/2010 5:15:00	16.8	467	1.808	16.8	104.997										
	1/6/2010 5:30:00	16.8	466.9	1.8087	16.8	104.997										
	1/6/2010 5:45:00	16.8	467	1.8083	16.8	104.997										
	1/6/2010 6:00:00	16.8	467.1	1.809	16.8	104.998										
	1/6/2010 6:15:00	16.8	467.1	1.8101	16.8	104.999										
	1/6/2010 6:30:00	16.8	466.9	1.8101	16.8	104.999										
	1/6/2010 6:45:00	16.8	466.9	1.8108	16.8	104.999										
	1/6/2010 7:00:00	16.8	467	1.8112	16.8	105.000										
	1/6/2010 7:15:00	16.8	466.9	1.8115	16.8	105.000										
	1/6/2010 7:30:00	16.8	467	1.8112	16.8	105.000										
	1/6/2010 7:45:00	16.8	467	1.8119	16.8	105.001										
	1/6/2010 8:00:00	16.8	467	1.8122	16.8	105.001										
	1/6/2010 8:15:00	16.8	467.1	1.813	16.8	105.002										
	1/6/2010 8:30:00	16.8	467	1.8133	16.8	105.002										
	1/6/2010 8:45:00	16.8	467.1	1.8137	16.8	105.002										
	1/6/2010 9:00:00	16.8	467	1.814	16.8	105.003										
	1/6/2010 9:15:00	16.8	467.1	1.814	16.8	105.003										
	1/6/2010 9:30:00	16.8	466.9	1.8144	16.8	105.003										
	1/6/2010 9:45:00	16.8	467	1.8144	16.8	105.003										
	1/6/2010 10:00:00	16.8	467	1.8151	16.8	105.004										
	1/6/2010 10:15:00	16.8	467.1	1.8147	16.8	105.003										
	1/6/2010 10:30:00	16.8	467	1.8158	16.8	105.004										
	1/6/2010 10:45:00	16.8	467.3	1.8155	16.8	105.004										
	1/6/2010 11:00:00	16.8	467	1.8155	16.8	105.004										
	1/6/2010 11:15:00	16.8	467	1.8155	16.8	105.004										
	1/6/2010 11:30:00	16.8	467	1.8162	16.8	105.005										
	1/6/2010 11:45:00	16.8	467.1	1.8158	16.8	105.004										
	1/6/2010 12:00:00	16.8	467.1	1.8162	16.8	105.005										
	1/6/2010 12:15:00	16.8	467	1.8162	16.8	105.005										
	1/6/2010 12:30:00	16.8	467.1	1.8162	16.8	105.005										
	1/6/2010 12:45:00	16.8	467	1.8162	16.8	105.005										
	1/6/2010 13:00:00	16.8	467.1	1.8158	16.8	105.004										
	1/6/2010 13:15:00	16.8	467	1.8158	16.8	105.004										
	1/6/2010 13:30:00	16.8	466.9	1.8155	16.8	105.004										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/6/2010 13:45:00	16.8	466.8	1.8158	16.8	105.004										
	1/6/2010 14:00:00	16.8	466.9	1.8155	16.8	105.004										
	1/6/2010 14:15:00	16.8	467	1.8155	16.8	105.004										
	1/6/2010 14:30:00	16.8	466.8	1.8155	16.8	105.004										
	1/6/2010 14:45:00	16.8	466.9	1.8158	16.8	105.004										
	1/6/2010 15:00:00	16.8	466.9	1.8155	16.8	105.004										
	1/6/2010 15:15:00	16.8	467	1.8151	16.8	105.004										
	1/6/2010 15:30:00	16.8	467	1.8151	16.8	105.004										
	1/6/2010 15:45:00	16.8	466.9	1.8147	16.8	105.003										
	1/6/2010 16:00:00	16.8	467	1.8151	16.8	105.004										
	1/6/2010 16:15:00	16.8	466.9	1.8147	16.8	105.003										
	1/6/2010 16:30:00	16.8	467	1.8147	16.8	105.003										
	1/6/2010 16:45:00	16.8	466.9	1.8147	16.8	105.003										
	1/6/2010 17:00:00	16.8	467	1.8151	16.8	105.004										
	1/6/2010 17:15:00	16.8	466.8	1.8155	16.8	105.004										
	1/6/2010 17:30:00	16.8	467	1.8155	16.8	105.004										
	1/6/2010 17:45:00	16.8	466.3	1.8158	16.8	105.004										
	1/6/2010 18:00:00	16.8	466.9	1.8158	16.8	105.004										
	1/6/2010 18:15:00	16.8	467	1.8162	16.8	105.005										
	1/6/2010 18:30:00	16.8	466.9	1.8165	16.8	105.005										
	1/6/2010 18:45:00	16.8	467.1	1.8172	16.8	105.006										
	1/6/2010 19:00:00	16.8	466.8	1.8172	16.8	105.006										
	1/6/2010 19:15:00	16.8	467	1.8176	16.8	105.006										
	1/6/2010 19:30:00	16.8	467	1.8176	16.8	105.006										
	1/6/2010 19:45:00	16.8	466.9	1.8183	16.8	105.007										
	1/6/2010 20:00:00	16.8	467	1.819	16.8	105.008										
	1/6/2010 20:15:00	16.8	467	1.8197	16.8	105.008										
	1/6/2010 20:30:00	16.8	467	1.8194	16.8	105.008										
	1/6/2010 20:45:00	16.8	467	1.8205	16.8	105.009										
	1/6/2010 21:00:00	16.8	467	1.8215	16.8	105.010										
	1/6/2010 21:15:00	16.8	466.8	1.8215	16.8	105.010										
	1/6/2010 21:30:00	16.8	466.9	1.8222	16.8	105.011										
	1/6/2010 21:45:00	16.8	467	1.8226	16.8	105.011										
	1/6/2010 22:00:00	16.8	467	1.824	16.8	105.013										
	1/6/2010 22:15:00	16.8	466.9	1.824	16.8	105.013										
	1/6/2010 22:30:00	16.8	466.9	1.8247	16.8	105.013										
	1/6/2010 22:45:00	16.8	466.9	1.8258	16.8	105.014										
	1/6/2010 23:00:00	16.8	466.9	1.8265	16.8	105.015										
	1/6/2010 23:15:00	16.8	467	1.8269	16.8	105.016										
	1/6/2010 23:30:00	16.8	467	1.8276	16.8	105.016										
	1/6/2010 23:45:00	16.8	467.1	1.8287	16.8	105.017										
	1/7/2010 0:00:00	16.8	467.1	1.8287	16.8	105.017										
	1/7/2010 0:15:00	16.8	467	1.8297	16.8	105.018										
	1/7/2010 0:30:00	16.8	466.9	1.8305	16.8	105.019										
	1/7/2010 0:45:00	16.8	467	1.8308	16.8	105.019										
	1/7/2010 1:00:00	16.8	467	1.8322	16.8	105.021										
	1/7/2010 1:15:00	16.8	466.9	1.8333	16.8	105.022										
	1/7/2010 1:30:00	16.8	466.8	1.833	16.8	105.022										
	1/7/2010 1:45:00	16.8	467.1	1.8344	16.8	105.023										
	1/7/2010 2:00:00	16.8	466.9	1.8347	16.8	105.023										
	1/7/2010 2:15:00	16.8	466.9	1.8351	16.8	105.024										
	1/7/2010 2:30:00	16.8	467	1.8362	16.8	105.025										
	1/7/2010 2:45:00	16.8	467.1	1.8365	16.8	105.025										
	1/7/2010 3:00:00	16.8	467.1	1.8369	16.8	105.026										
	1/7/2010 3:15:00	16.8	467	1.8383	16.8	105.027										
	1/7/2010 3:30:00	16.8	467	1.8387	16.8	105.027										
	1/7/2010 3:45:00	16.8	467	1.8397	16.8	105.028										
	1/7/2010 4:00:00	16.8	466.9	1.8401	16.8	105.029										
	1/7/2010 4:15:00	16.8	467	1.8408	16.8	105.029										
	1/7/2010 4:30:00	16.8	467	1.8415	16.8	105.030										
	1/7/2010 4:45:00	16.8	466.8	1.8415	16.8	105.030										
	1/7/2010 5:00:00	16.8	466.9	1.8422	16.8	105.031										
	1/7/2010 5:15:00	16.8	466.9	1.8422	16.8	105.031										
	1/7/2010 5:30:00	16.8	467.1	1.8426	16.8	105.031										
	1/7/2010 5:45:00	16.8	466.9	1.8426	16.8	105.031										
	1/7/2010 6:00:00	16.8	467	1.8433	16.8	105.032										
	1/7/2010 6:15:00	16.8	466.9	1.8433	16.8	105.032										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/7/2010 6:30:00	16.8	466.8	1.843	16.8	105.032										
	1/7/2010 6:45:00	16.8	466.9	1.8437	16.8	105.032										
	1/7/2010 7:00:00	16.8	466.8	1.8437	16.8	105.032										
	1/7/2010 7:15:00	16.8	467	1.8444	16.8	105.033										
	1/7/2010 7:30:00	16.8	466.8	1.8437	16.8	105.032										
	1/7/2010 7:45:00	16.8	466.8	1.844	16.8	105.033										
	1/7/2010 8:00:00	16.8	466.9	1.844	16.8	105.033										
	1/7/2010 8:15:00	16.8	466.9	1.8437	16.8	105.032										
	1/7/2010 8:30:00	16.8	466.8	1.8437	16.8	105.032										
	1/7/2010 8:45:00	16.8	466.9	1.8447	16.8	105.033										
	1/7/2010 9:00:00	16.8	466.9	1.8444	16.8	105.033										
	1/7/2010 9:15:00	16.8	466.9	1.8451	16.8	105.034										
	1/7/2010 9:30:00	16.8	466.8	1.8447	16.8	105.033										
	1/7/2010 9:45:00	16.8	466.9	1.8444	16.8	105.033										
	1/7/2010 10:00:00	16.8	466.9	1.8451	16.8	105.034										
	1/7/2010 10:15:00	16.8	467	1.8458	16.8	105.034										
	1/7/2010 10:30:00	16.8	467	1.8462	16.8	105.035										
	1/7/2010 10:45:00	16.8	466.8	1.8472	16.8	105.036										
	1/7/2010 11:00:00	16.8	466.8	1.8469	16.8	105.036										
	1/7/2010 11:15:00	16.8	466.9	1.8472	16.8	105.036										
	1/7/2010 11:30:00	16.8	466.9	1.8483	16.8	105.037										
	1/7/2010 11:45:00	16.8	466.7	1.848	16.8	105.037										
	1/7/2010 12:00:00	16.8	466.8	1.8487	16.8	105.037										
	1/7/2010 12:15:00	16.8	466.7	1.849	16.8	105.038										
	1/7/2010 12:30:00	16.8	466.7	1.8497	16.8	105.038										
	1/7/2010 12:45:00	16.8	466.8	1.8505	16.8	105.039										
	1/7/2010 13:00:00	16.8	466.8	1.8508	16.8	105.039										
	1/7/2010 13:15:00	16.8	466.8	1.8508	16.8	105.039										
	1/7/2010 13:30:00	16.8	466.7	1.8515	16.8	105.040										
	1/7/2010 13:45:00	16.8	466.8	1.8522	16.8	105.041										
	1/7/2010 14:00:00	16.8	466.8	1.8526	16.8	105.041										
	1/7/2010 14:15:00	16.8	466.9	1.8533	16.8	105.042										
	1/7/2010 14:30:00	16.8	466.8	1.854	16.8	105.043										
	1/7/2010 14:45:00	16.8	466.8	1.854	16.8	105.043										
	1/7/2010 15:00:00	16.8	466.8	1.8544	16.8	105.043										
	1/7/2010 15:15:00	16.8	466.8	1.8544	16.8	105.043										
	1/7/2010 15:30:00	16.8	466.7	1.8544	16.8	105.043										
	1/7/2010 15:45:00	16.8	466.8	1.8551	16.8	105.044										
	1/7/2010 16:00:00	16.8	466.9	1.8558	16.8	105.044										
	1/7/2010 16:15:00	16.8	466.7	1.8558	16.8	105.044										
	1/7/2010 16:30:00	16.8	466.7	1.8562	16.8	105.045										
	1/7/2010 16:45:00	16.8	466.7	1.8562	16.8	105.045										
	1/7/2010 17:00:00	16.8	466.8	1.8562	16.8	105.045										
	1/7/2010 17:15:00	16.8	466.8	1.8565	16.8	105.045										
	1/7/2010 17:30:00	16.8	463.6	1.8562	16.8	105.045										
	1/7/2010 17:45:00	16.8	466.6	1.8558	16.8	105.044										
	1/7/2010 18:00:00	16.8	466.8	1.8562	16.8	105.045										
	1/7/2010 18:15:00	16.8	466.6	1.8562	16.8	105.045										
	1/7/2010 18:30:00	16.8	466.7	1.8555	16.8	105.044										
	1/7/2010 18:45:00	16.8	466.6	1.8558	16.8	105.044										
	1/7/2010 19:00:00	16.8	466.8	1.8555	16.8	105.044										
	1/7/2010 19:15:00	16.8	466.6	1.8551	16.8	105.044										
	1/7/2010 19:30:00	16.8	466.6	1.8547	16.8	105.043										
	1/7/2010 19:45:00	16.8	466.6	1.8551	16.8	105.044										
	1/7/2010 20:00:00	16.8	466.8	1.854	16.8	105.043										
	1/7/2010 20:15:00	16.8	466.5	1.8537	16.8	105.042										
	1/7/2010 20:30:00	16.8	466.7	1.8537	16.8	105.042										
	1/7/2010 20:45:00	16.8	466.6	1.8533	16.8	105.042										
	1/7/2010 21:00:00	16.8	466.6	1.8526	16.8	105.041										
	1/7/2010 21:15:00	16.8	466.6	1.8522	16.8	105.041										
	1/7/2010 21:30:00	16.8	466.7	1.8522	16.8	105.041										
	1/7/2010 21:45:00	16.8	466.6	1.8515	16.8	105.040										
	1/7/2010 22:00:00	16.8	466.7	1.8508	16.8	105.039										
	1/7/2010 22:15:00	16.8	466.6	1.8508	16.8	105.039										
	1/7/2010 22:30:00	16.8	466.7	1.8497	16.8	105.038										
	1/7/2010 22:45:00	16.8	466.5	1.849	16.8	105.038										
	1/7/2010 23:00:00	16.8	466.5	1.8487	16.8	105.037										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/7/2010 23:15:00	16.8	466.5	1.8483	16.8	105.037										
	1/7/2010 23:30:00	16.8	466.5	1.848	16.8	105.037										
	1/7/2010 23:45:00	16.8	466.6	1.8476	16.8	105.036										
	1/8/2010 0:00:00	16.8	466.5	1.8469	16.8	105.036										
	1/8/2010 0:15:00	16.8	466.5	1.8465	16.8	105.035										
	1/8/2010 0:30:00	16.8	466.5	1.8465	16.8	105.035										
	1/8/2010 0:45:00	16.8	466.5	1.8469	16.8	105.036										
	1/8/2010 1:00:00	16.8	466.4	1.8465	16.8	105.035										
	1/8/2010 1:15:00	16.8	466.5	1.8469	16.8	105.036										
	1/8/2010 1:30:00	16.8	466.5	1.8465	16.8	105.035										
	1/8/2010 1:45:00	16.8	466.5	1.8472	16.8	105.036										
	1/8/2010 2:00:00	16.8	466.5	1.8472	16.8	105.036										
	1/8/2010 2:15:00	16.8	466.5	1.8472	16.8	105.036										
	1/8/2010 2:30:00	16.8	466.6	1.8483	16.8	105.037										
	1/8/2010 2:45:00	16.8	466.6	1.849	16.8	105.038										
	1/8/2010 3:00:00	16.8	466.5	1.8494	16.8	105.038										
	1/8/2010 3:15:00	16.8	466.6	1.8501	16.8	105.039										
	1/8/2010 3:30:00	16.8	466.5	1.8505	16.8	105.039										
	1/8/2010 3:45:00	16.8	466.6	1.8512	16.8	105.040										
	1/8/2010 4:00:00	16.8	466.4	1.8522	16.8	105.041										
	1/8/2010 4:15:00	16.8	466.5	1.853	16.8	105.042										
	1/8/2010 4:30:00	16.8	466.5	1.854	16.8	105.043										
	1/8/2010 4:45:00	16.8	466.5	1.8544	16.8	105.043										
	1/8/2010 5:00:00	16.8	466.4	1.8555	16.8	105.044										
	1/8/2010 5:15:00	16.8	466.4	1.8562	16.8	105.045										
	1/8/2010 5:30:00	16.8	466.4	1.8572	16.8	105.046										
	1/8/2010 5:45:00	16.8	466.6	1.8576	16.8	105.046										
	1/8/2010 6:00:00	16.8	466.5	1.8583	16.8	105.047										
	1/8/2010 6:15:00	16.8	466.6	1.8594	16.8	105.048										
	1/8/2010 6:30:00	16.8	466.5	1.8601	16.8	105.049										
	1/8/2010 6:45:00	16.8	466.5	1.8608	16.8	105.049										
	1/8/2010 7:00:00	16.8	466.5	1.8615	16.8	105.050										
	1/8/2010 7:15:00	16.8	466.5	1.8626	16.8	105.051										
	1/8/2010 7:30:00	16.8	466.5	1.8633	16.8	105.052										
	1/8/2010 7:45:00	16.8	466.5	1.8644	16.8	105.053										
	1/8/2010 8:00:00	16.8	466.5	1.8651	16.8	105.054										
	1/8/2010 8:15:00	16.8	466.6	1.8662	16.8	105.055										
	1/8/2010 8:30:00	16.8	466.4	1.8665	16.8	105.055										
	1/8/2010 8:45:00	16.8	466.6	1.8672	16.8	105.056										
	1/8/2010 9:00:00	16.8	466.4	1.868	16.8	105.057										
	1/8/2010 9:15:00	16.8	466.5	1.869	16.8	105.058										
	1/8/2010 9:30:00	16.8	466.6	1.8697	16.8	105.058										
	1/8/2010 9:45:00	16.8	466.5	1.8705	16.8	105.059										
	1/8/2010 10:00:00	16.8	466.5	1.8712	16.8	105.060										
	1/8/2010 10:15:00	16.8	466.5	1.8719	16.8	105.061										
	1/8/2010 10:30:00	16.8	466.5	1.8733	16.8	105.062										
	1/8/2010 10:45:00	16.8	466.5	1.8733	16.8	105.062										
	1/8/2010 11:00:00	16.8	466.4	1.874	16.8	105.063										
	1/8/2010 11:15:00	16.8	466.5	1.8747	16.8	105.063										
	1/8/2010 11:30:00	16.8	466.4	1.8747	16.8	105.063										
	1/8/2010 11:45:00	16.8	466.4	1.8751	16.8	105.064										
	1/8/2010 12:00:00	16.8	466.5	1.8758	16.8	105.064										
	1/8/2010 12:15:00	16.8	466.3	1.8762	16.8	105.065										
	1/8/2010 12:30:00	16.8	466.2	1.8762	16.8	105.065										
	1/8/2010 12:45:00	16.8	466.4	1.8765	16.8	105.065										
	1/8/2010 13:00:00	16.8	466.4	1.8765	16.8	105.065										
	1/8/2010 13:15:00	16.8	466.4	1.8769	16.8	105.066										
	1/8/2010 13:30:00	16.8	466.4	1.8765	16.8	105.065										
	1/8/2010 13:45:00	16.8	466.3	1.8765	16.8	105.065										
	1/8/2010 14:00:00	16.8	466.4	1.8765	16.8	105.065										
	1/8/2010 14:15:00	16.8	466.2	1.8765	16.8	105.065										
	1/8/2010 14:30:00	16.8	466.2	1.8765	16.8	105.065										
	1/8/2010 14:45:00	16.8	466.3	1.8762	16.8	105.065										
	1/8/2010 15:00:00	16.8	466.2	1.8765	16.8	105.065										
	1/8/2010 15:15:00	16.8	466.2	1.8762	16.8	105.065										
	1/8/2010 15:30:00	16.8	466.2	1.8758	16.8	105.064										
	1/8/2010 15:45:00	16.8	466.2	1.8755	16.8	105.064										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/8/2010 16:00:00	16.8	466.2	1.8751	16.8	105.064										
	1/8/2010 16:15:00	16.8	466.1	1.8751	16.8	105.064										
	1/8/2010 16:30:00	16.8	466.1	1.8747	16.8	105.063										
	1/8/2010 16:45:00	16.8	466.1	1.8747	16.8	105.063										
	1/8/2010 17:00:00	16.8	466.2	1.8747	16.8	105.063										
	1/8/2010 17:15:00	16.8	466.1	1.8737	16.8	105.062										
	1/8/2010 17:30:00	16.8	466	1.873	16.8	105.062										
	1/8/2010 17:45:00	16.8	466	1.8722	16.8	105.061										
	1/8/2010 18:00:00	16.8	466	1.8722	16.8	105.061										
	1/8/2010 18:15:00	16.8	466.1	1.8722	16.8	105.061										
	1/8/2010 18:30:00	16.8	466	1.8719	16.8	105.061										
	1/8/2010 18:45:00	16.8	466	1.8719	16.8	105.061										
	1/8/2010 19:00:00	16.8	465.9	1.8708	16.8	105.059										
	1/8/2010 19:15:00	16.8	466.2	1.8705	16.8	105.059										
	1/8/2010 19:30:00	16.8	465.9	1.8697	16.8	105.058										
	1/8/2010 19:45:00	16.8	466.1	1.8701	16.8	105.059										
	1/8/2010 20:00:00	16.8	466	1.8694	16.8	105.058										
	1/8/2010 20:15:00	16.8	465.9	1.869	16.8	105.058										
	1/8/2010 20:30:00	16.8	465.9	1.8687	16.8	105.057										
	1/8/2010 20:45:00	16.8	465.9	1.868	16.8	105.057										
	1/8/2010 21:00:00	16.8	465.9	1.868	16.8	105.057										
	1/8/2010 21:15:00	16.8	465.9	1.868	16.8	105.057										
	1/8/2010 21:30:00	16.8	465.9	1.8676	16.8	105.056										
	1/8/2010 21:45:00	16.8	465.8	1.868	16.8	105.057										
	1/8/2010 22:00:00	16.8	466	1.8672	16.8	105.056										
	1/8/2010 22:15:00	16.8	465.8	1.8672	16.8	105.056										
	1/8/2010 22:30:00	16.8	465.9	1.868	16.8	105.057										
	1/8/2010 22:45:00	16.8	465.7	1.8676	16.8	105.056										
	1/8/2010 23:00:00	16.8	466	1.8683	16.8	105.057										
	1/8/2010 23:15:00	16.8	466	1.869	16.8	105.058										
	1/8/2010 23:30:00	16.8	466	1.8697	16.8	105.058										
	1/8/2010 23:45:00	16.9	465	1.8705	16.8	105.059										
	1/9/2010 0:00:00	16.8	466.2	1.8712	16.8	105.060										
	1/9/2010 0:15:00	16.8	465.9	1.8719	16.8	105.061										
	1/9/2010 0:30:00	16.8	465.9	1.8722	16.8	105.061										
	1/9/2010 0:45:00	16.8	465.9	1.8737	16.8	105.062										
	1/9/2010 1:00:00	16.8	465.9	1.874	16.8	105.063										
	1/9/2010 1:15:00	16.8	465.9	1.8755	16.8	105.064										
	1/9/2010 1:30:00	16.8	465.9	1.8758	16.8	105.064										
	1/9/2010 1:45:00	16.8	465.9	1.8765	16.8	105.065										
	1/9/2010 2:00:00	16.8	465.9	1.8776	16.8	105.066										
	1/9/2010 2:15:00	16.8	465.9	1.8787	16.8	105.067										
	1/9/2010 2:30:00	16.8	466.1	1.8794	16.8	105.068										
	1/9/2010 2:45:00	16.8	466	1.8801	16.8	105.069										
	1/9/2010 3:00:00	16.8	466	1.8808	16.8	105.069										
	1/9/2010 3:15:00	16.8	466.1	1.8815	16.8	105.070										
	1/9/2010 3:30:00	16.8	466	1.8826	16.8	105.071										
	1/9/2010 3:45:00	16.8	466	1.8833	16.8	105.072										
	1/9/2010 4:00:00	16.8	466	1.8847	16.8	105.073										
	1/9/2010 4:15:00	16.8	465.9	1.8851	16.8	105.074										
	1/9/2010 4:30:00	16.8	466	1.8858	16.8	105.074										
	1/9/2010 4:45:00	16.8	466	1.8869	16.8	105.076										
	1/9/2010 5:00:00	16.8	466	1.8872	16.8	105.076										
	1/9/2010 5:15:00	16.8	466	1.8883	16.8	105.077										
	1/9/2010 5:30:00	16.8	465.9	1.8887	16.8	105.077										
	1/9/2010 5:45:00	16.8	465.9	1.889	16.8	105.078										
	1/9/2010 6:00:00	16.8	465.9	1.8901	16.8	105.079										
	1/9/2010 6:15:00	16.8	465.9	1.8901	16.8	105.079										
	1/9/2010 6:30:00	16.8	465.9	1.8908	16.8	105.079										
	1/9/2010 6:45:00	16.8	466.1	1.8919	16.8	105.081										
	1/9/2010 7:00:00	16.8	465.8	1.8919	16.8	105.081										
	1/9/2010 7:15:00	16.8	466	1.8919	16.8	105.081										
	1/9/2010 7:30:00	16.8	465.9	1.8922	16.8	105.081										
	1/9/2010 7:45:00	16.8	465.9	1.8926	16.8	105.081										
	1/9/2010 8:00:00	16.8	465.9	1.893	16.8	105.082										
	1/9/2010 8:15:00	16.8	465.8	1.893	16.8	105.082										
	1/9/2010 8:30:00	16.8	465.7	1.8926	16.8	105.081										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/9/2010 8:45:00	16.8	465.7	1.8926	16.8	105.081										
	1/9/2010 9:00:00	16.8	465.8	1.8926	16.8	105.081										
	1/9/2010 9:15:00	16.8	465.8	1.893	16.8	105.082										
	1/9/2010 9:30:00	16.8	465.7	1.8922	16.8	105.081										
	1/9/2010 9:45:00	16.8	465.7	1.893	16.8	105.082										
	1/9/2010 10:00:00	16.9	465.2	1.8926	16.8	105.081										
	1/9/2010 10:15:00	16.8	465.7	1.8926	16.8	105.081										
	1/9/2010 10:30:00	16.8	465.7	1.8922	16.8	105.081										
	1/9/2010 10:45:00	16.8	465.7	1.8922	16.8	105.081										
	1/9/2010 11:00:00	16.8	465.7	1.8922	16.8	105.081										
	1/9/2010 11:15:00	16.8	465.7	1.8915	16.8	105.080										
	1/9/2010 11:30:00	16.8	465.9	1.8912	16.8	105.080										
	1/9/2010 11:45:00	16.8	465.7	1.8908	16.8	105.079										
	1/9/2010 12:00:00	16.8	465.6	1.8908	16.8	105.079										
	1/9/2010 12:15:00	16.8	465.7	1.8901	16.8	105.079										
	1/9/2010 12:30:00	16.8	465.7	1.8897	16.8	105.078										
	1/9/2010 12:45:00	16.8	465.7	1.8897	16.8	105.078										
	1/9/2010 13:00:00	16.8	465.7	1.8887	16.8	105.077										
	1/9/2010 13:15:00	16.8	465.5	1.8883	16.8	105.077										
	1/9/2010 13:30:00	16.8	465.6	1.8876	16.8	105.076										
	1/9/2010 13:45:00	16.8	465.6	1.8872	16.8	105.076										
	1/9/2010 14:00:00	16.8	465.6	1.8862	16.8	105.075										
	1/9/2010 14:15:00	16.8	465.6	1.8858	16.8	105.074										
	1/9/2010 14:30:00	16.8	465.6	1.8855	16.8	105.074										
	1/9/2010 14:45:00	16.8	465.5	1.8844	16.8	105.073										
	1/9/2010 15:00:00	16.8	465.5	1.8837	16.8	105.072										
	1/9/2010 15:15:00	16.8	465.6	1.8826	16.8	105.071										
	1/9/2010 15:30:00	16.8	465.6	1.8822	16.8	105.071										
	1/9/2010 15:45:00	16.8	465.6	1.8815	16.8	105.070										
	1/9/2010 16:00:00	16.8	465.5	1.8812	16.8	105.070										
	1/9/2010 16:15:00	16.8	465.5	1.8805	16.8	105.069										
	1/9/2010 16:30:00	16.8	465.4	1.8794	16.8	105.068										
	1/9/2010 16:45:00	16.8	465.4	1.8783	16.8	105.067										
	1/9/2010 17:00:00	16.8	465.4	1.8776	16.8	105.066										
	1/9/2010 17:15:00	16.8	465.5	1.8772	16.8	105.066										
	1/9/2010 17:30:00	16.8	465.4	1.8762	16.8	105.065										
	1/9/2010 17:45:00	16.8	465.5	1.8751	16.8	105.064										
	1/9/2010 18:00:00	16.8	465.5	1.8744	16.8	105.063										
	1/9/2010 18:15:00	16.8	465.5	1.8737	16.8	105.062										
	1/9/2010 18:30:00	16.8	465.4	1.873	16.8	105.062										
	1/9/2010 18:45:00	16.8	465.5	1.8719	16.8	105.061										
	1/9/2010 19:00:00	16.8	465.4	1.8715	16.8	105.060										
	1/9/2010 19:15:00	16.8	465.5	1.8705	16.8	105.059										
	1/9/2010 19:30:00	16.8	465.4	1.869	16.8	105.058										
	1/9/2010 19:45:00	16.8	465.4	1.8683	16.8	105.057										
	1/9/2010 20:00:00	16.8	465.3	1.8672	16.8	105.056										
	1/9/2010 20:15:00	16.8	465.3	1.8665	16.8	105.055										
	1/9/2010 20:30:00	16.8	465.5	1.8658	16.8	105.054										
	1/9/2010 20:45:00	16.8	465.4	1.8647	16.8	105.053										
	1/9/2010 21:00:00	16.8	465.3	1.8633	16.8	105.052										
	1/9/2010 21:15:00	16.8	465.3	1.8626	16.8	105.051										
	1/9/2010 21:30:00	16.8	465.3	1.8619	16.8	105.051										
	1/9/2010 21:45:00	16.8	465.3	1.8605	16.8	105.049										
	1/9/2010 22:00:00	16.8	464.8	1.8597	16.8	105.048										
	1/9/2010 22:15:00	16.8	465.4	1.859	16.8	105.048										
	1/9/2010 22:30:00	16.8	465.3	1.8576	16.8	105.046										
	1/9/2010 22:45:00	16.8	465.3	1.8569	16.8	105.046										
	1/9/2010 23:00:00	16.8	465.2	1.8558	16.8	105.044										
	1/9/2010 23:15:00	16.8	465.2	1.8551	16.8	105.044										
	1/9/2010 23:30:00	16.8	465.2	1.8537	16.8	105.042										
	1/9/2010 23:45:00	16.8	465.4	1.853	16.8	105.042										
	1/10/2010 0:00:00	16.8	465.2	1.8522	16.8	105.041										
	1/10/2010 0:15:00	16.8	465.2	1.8505	16.8	105.039										
	1/10/2010 0:30:00	16.8	465.2	1.8497	16.8	105.038										
	1/10/2010 0:45:00	16.9	464.5	1.8487	16.8	105.037										
	1/10/2010 1:00:00	16.8	465.1	1.8472	16.8	105.036										
	1/10/2010 1:15:00	16.8	465.3	1.8462	16.8	105.035										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/10/2010 1:30:00	16.8	465.1	1.8451	16.8	105.034										
	1/10/2010 1:45:00	16.8	465.2	1.8437	16.8	105.032										
	1/10/2010 2:00:00	16.8	465.2	1.843	16.8	105.032										
	1/10/2010 2:15:00	16.8	465.2	1.8419	16.8	105.031										
	1/10/2010 2:30:00	16.8	465.2	1.8405	16.8	105.029										
	1/10/2010 2:45:00	16.8	465.2	1.8397	16.8	105.028										
	1/10/2010 3:00:00	16.8	465.2	1.8387	16.8	105.027										
	1/10/2010 3:15:00	16.8	465.2	1.8376	16.8	105.026										
	1/10/2010 3:30:00	16.8	465.2	1.8365	16.8	105.025										
	1/10/2010 3:45:00	16.8	465.2	1.8355	16.8	105.024										
	1/10/2010 4:00:00	16.8	465.2	1.8347	16.8	105.023										
	1/10/2010 4:15:00	16.8	465.2	1.8337	16.8	105.022										
	1/10/2010 4:30:00	16.8	465.3	1.833	16.8	105.022										
	1/10/2010 4:45:00	16.8	465.2	1.8319	16.8	105.021										
	1/10/2010 5:00:00	16.8	465.2	1.8308	16.8	105.019										
	1/10/2010 5:15:00	16.8	465.2	1.8297	16.8	105.018										
	1/10/2010 5:30:00	16.8	465.3	1.829	16.8	105.018										
	1/10/2010 5:45:00	16.8	465.2	1.828	16.8	105.017										
	1/10/2010 6:00:00	16.8	465.2	1.8269	16.8	105.016										
	1/10/2010 6:15:00	16.8	465.2	1.8262	16.8	105.015										
	1/10/2010 6:30:00	16.8	465.2	1.8251	16.8	105.014										
	1/10/2010 6:45:00	16.8	465.2	1.8244	16.8	105.013										
	1/10/2010 7:00:00	16.8	465.3	1.8237	16.8	105.012										
	1/10/2010 7:15:00	16.8	465.3	1.823	16.8	105.012										
	1/10/2010 7:30:00	16.8	465.2	1.8222	16.8	105.011										
	1/10/2010 7:45:00	16.8	465.3	1.8208	16.8	105.009										
	1/10/2010 8:00:00	16.8	465.2	1.8201	16.8	105.009										
	1/10/2010 8:15:00	16.8	465.3	1.8197	16.8	105.008										
	1/10/2010 8:30:00	16.8	465.3	1.8187	16.8	105.007										
	1/10/2010 8:45:00	16.8	465.3	1.818	16.8	105.007										
	1/10/2010 9:00:00	16.8	465.3	1.8176	16.8	105.006										
	1/10/2010 9:15:00	16.8	465.3	1.8169	16.8	105.006										
	1/10/2010 9:30:00	16.8	465.4	1.8162	16.8	105.005										
	1/10/2010 9:45:00	16.8	465.4	1.8158	16.8	105.004										
	1/10/2010 10:00:00	16.8	465.4	1.8151	16.8	105.004										
	1/10/2010 10:15:00	16.8	465.3	1.8144	16.8	105.003										
	1/10/2010 10:30:00	16.8	465.3	1.8133	16.8	105.002										
	1/10/2010 10:45:00	16.8	464.9	1.813	16.8	105.002										
	1/10/2010 11:00:00	16.8	465.4	1.8119	16.8	105.001										
	1/10/2010 11:15:00	16.8	465.3	1.8112	16.8	105.000										
	1/10/2010 11:30:00	16.8	465.4	1.8101	16.8	104.999										
	1/10/2010 11:45:00	16.8	465.4	1.8112	16.8	105.000										
	1/10/2010 12:00:00	16.8	465.4	1.8087	16.8	104.997										
	1/10/2010 12:15:00	16.8	465.4	1.8083	16.8	104.997										
	1/10/2010 12:30:00	16.8	465.4	1.8083	16.8	104.997										
	1/10/2010 12:45:00	16.8	465.5	1.8083	16.8	104.997										
	1/10/2010 13:00:00	16.8	465.5	1.8083	16.8	104.997										
	1/10/2010 13:15:00	16.8	465.5	1.8062	16.8	104.995										
	1/10/2010 13:30:00	16.8	465.5	1.8055	16.8	104.994										
	1/10/2010 13:45:00	16.8	465.5	1.8051	16.8	104.994										
	1/10/2010 14:00:00	16.8	465.5	1.804	16.8	104.993										
	1/10/2010 14:15:00	16.8	465	1.804	16.8	104.993										
	1/10/2010 14:30:00	16.8	465.4	1.803	16.8	104.992										
	1/10/2010 14:45:00	16.8	465.6	1.8026	16.8	104.991										
	1/10/2010 15:00:00	16.8	465.5	1.8026	16.8	104.991										
	1/10/2010 15:15:00	16.8	465.5	1.8019	16.8	104.991										
	1/10/2010 15:30:00	16.8	465.6	1.8012	16.8	104.990										
	1/10/2010 15:45:00	16.8	465.5	1.7994	16.8	104.988										
	1/10/2010 16:00:00	16.8	465.5	1.7994	16.8	104.988										
	1/10/2010 16:15:00	16.8	465.5	1.799	16.8	104.988										
	1/10/2010 16:30:00	16.8	465.6	1.7987	16.8	104.987										
	1/10/2010 16:45:00	16.8	465.6	1.7972	16.8	104.986										
	1/10/2010 17:00:00	16.8	465.7	1.7965	16.8	104.985										
	1/10/2010 17:15:00	16.8	465.7	1.7965	16.8	104.985										
	1/10/2010 17:30:00	16.8	465.5	1.7958	16.8	104.984										
	1/10/2010 17:45:00	16.8	465.6	1.7955	16.8	104.984										
	1/10/2010 18:00:00	16.8	465.6	1.7951	16.8	104.984										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/10/2010 18:15:00	16.8	465.7	1.7944	16.8	104.983										
	1/10/2010 18:30:00	16.8	465.7	1.793	16.8	104.982										
	1/10/2010 18:45:00	16.8	465.8	1.793	16.8	104.982										
	1/10/2010 19:00:00	16.8	465.7	1.7919	16.8	104.981										
	1/10/2010 19:15:00	16.8	465.7	1.7912	16.8	104.980										
	1/10/2010 19:30:00	16.8	465.8	1.7912	16.8	104.980										
	1/10/2010 19:45:00	16.8	465.8	1.7905	16.8	104.979										
	1/10/2010 20:00:00	16.8	465.8	1.7905	16.8	104.979										
	1/10/2010 20:15:00	16.8	465.8	1.7894	16.8	104.978										
	1/10/2010 20:30:00	16.8	465.8	1.788	16.8	104.977										
	1/10/2010 20:45:00	16.8	465.7	1.7876	16.8	104.976										
	1/10/2010 21:00:00	16.8	465.8	1.7862	16.8	104.975										
	1/10/2010 21:15:00	16.8	465.8	1.7883	16.8	104.977										
	1/10/2010 21:30:00	16.8	465.8	1.7858	16.8	104.974										
	1/10/2010 21:45:00	16.8	465.8	1.7847	16.8	104.973										
	1/10/2010 22:00:00	16.8	465.9	1.7847	16.8	104.973										
	1/10/2010 22:15:00	16.8	466	1.7844	16.8	104.973										
	1/10/2010 22:30:00	16.8	465.9	1.7844	16.8	104.973										
	1/10/2010 22:45:00	16.8	465.7	1.7837	16.8	104.972										
	1/10/2010 23:00:00	16.8	466	1.783	16.8	104.972										
	1/10/2010 23:15:00	16.8	465.9	1.783	16.8	104.972										
	1/10/2010 23:30:00	16.8	465.9	1.7826	16.8	104.971										
	1/10/2010 23:45:00	16.8	466	1.7826	16.8	104.971										
	1/11/2010 0:00:00	16.8	466.1	1.7819	16.8	104.971										
	1/11/2010 0:15:00	16.8	465.9	1.7812	16.8	104.970										
	1/11/2010 0:30:00	16.8	466.1	1.7812	16.8	104.970										
	1/11/2010 0:45:00	16.8	466	1.7808	16.8	104.969										
	1/11/2010 1:00:00	16.8	466.1	1.7808	16.8	104.969										
	1/11/2010 1:15:00	16.8	466.3	1.7812	16.8	104.970										
	1/11/2010 1:30:00	16.8	466.2	1.7812	16.8	104.970										
	1/11/2010 1:45:00	16.8	466.2	1.7801	16.8	104.969										
	1/11/2010 2:00:00	16.8	466.1	1.7812	16.8	104.970										
	1/11/2010 2:15:00	16.8	466.1	1.7819	16.8	104.971										
	1/11/2010 2:30:00	16.8	466.1	1.7819	16.8	104.971										
	1/11/2010 2:45:00	16.8	466.2	1.7822	16.8	104.971										
	1/11/2010 3:00:00	16.8	466.2	1.7844	16.8	104.973										
	1/11/2010 3:15:00	16.8	466.2	1.7822	16.8	104.971										
	1/11/2010 3:30:00	16.8	466.1	1.7833	16.8	104.972										
	1/11/2010 3:45:00	16.8	466.2	1.7844	16.8	104.973										
	1/11/2010 4:00:00	16.8	466.2	1.7847	16.8	104.973										
	1/11/2010 4:15:00	16.8	466.2	1.7851	16.8	104.974										
	1/11/2010 4:30:00	16.8	466.2	1.7862	16.8	104.975										
	1/11/2010 4:45:00	16.8	466.1	1.7847	16.8	104.973										
	1/11/2010 5:00:00	16.8	466.2	1.7862	16.8	104.975										
	1/11/2010 5:15:00	16.8	466.2	1.7872	16.8	104.976										
	1/11/2010 5:30:00	16.8	466.3	1.7865	16.8	104.975										
	1/11/2010 5:45:00	16.8	466.2	1.7876	16.8	104.976										
	1/11/2010 6:00:00	16.8	466.2	1.7883	16.8	104.977										
	1/11/2010 6:15:00	16.8	466.2	1.788	16.8	104.977										
	1/11/2010 6:30:00	16.8	466.2	1.7887	16.8	104.977										
	1/11/2010 6:45:00	16.8	466.2	1.7876	16.8	104.976										
	1/11/2010 7:00:00	16.8	466.2	1.7901	16.8	104.979										
	1/11/2010 7:15:00	16.8	466.4	1.7887	16.8	104.977										
	1/11/2010 7:30:00	16.8	466.3	1.7912	16.8	104.980										
	1/11/2010 7:45:00	16.8	466.2	1.7894	16.8	104.978										
	1/11/2010 8:00:00	16.8	466.1	1.7912	16.8	104.980										
	1/11/2010 8:15:00	16.8	466.4	1.7919	16.8	104.981										
	1/11/2010 8:30:00	16.8	466.3	1.7922	16.8	104.981										
	1/11/2010 8:45:00	16.8	466.1	1.7894	16.8	104.978										
	1/11/2010 9:00:00	16.8	466.2	1.789	16.8	104.978										
	1/11/2010 9:15:00	16.8	466.2	1.7883	16.8	104.977										
	1/11/2010 9:30:00	16.8	466.2	1.7887	16.8	104.977										
	1/11/2010 9:45:00	16.8	466.2	1.7887	16.8	104.977										
	1/11/2010 10:00:00	16.8	466.2	1.7876	16.8	104.976										
	1/11/2010 10:15:00	16.8	466.2	1.7876	16.8	104.976										
	1/11/2010 10:30:00	16.8	466.2	1.7876	16.8	104.976										
	1/11/2010 10:45:00	16.8	466.2	1.7862	16.8	104.975										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/11/2010 11:00:00	16.8	466.2	1.7876	16.8	104.976
	1/11/2010 11:15:00	16.8	466.4	1.7876	16.8	104.976
	1/11/2010 11:30:00	16.8	466.1	1.7865	16.8	104.975
	1/11/2010 11:45:00	16.8	466.2	1.7865	16.8	104.975
	1/11/2010 12:00:00	16.8	466.2	1.7865	16.8	104.975
	1/11/2010 12:15:00	16.8	466.3	1.7858	16.8	104.974
	1/11/2010 12:30:00	16.8	466.2	1.7858	16.8	104.974
	1/11/2010 12:45:00	16.8	466.3	1.7872	16.8	104.976
	1/11/2010 13:00:00	16.8	466.1	1.7794	16.8	104.968
	1/11/2010 13:15:00	16.8	466.3	1.7837	16.8	104.972
	1/11/2010 13:30:00	16.8	466.3	1.7826	16.8	104.971
	1/11/2010 13:45:00	16.8	466.4	1.7858	16.8	104.974
	1/11/2010 14:00:00	16.8	466.3	1.784	16.8	104.973
	1/11/2010 14:15:00	16.8	466.4	1.7826	16.8	104.971
	1/11/2010 14:30:00	16.8	466.3	1.7819	16.8	104.971
	1/11/2010 14:45:00	16.8	466.4	1.7837	16.8	104.972
	1/11/2010 15:00:00	16.8	466.4	1.784	16.8	104.973
	1/11/2010 15:15:00	16.8	466.4	1.7837	16.8	104.972
	1/11/2010 15:30:00	16.8	466.4	1.7851	16.8	104.974
	1/11/2010 15:45:00	16.8	466.4	1.7844	16.8	104.973
	1/11/2010 16:00:00	16.8	466.5	1.7844	16.8	104.973
	1/11/2010 16:15:00	16.8	466.6	1.7847	16.8	104.973
	1/11/2010 16:30:00	16.8	466.6	1.7851	16.8	104.974
	1/11/2010 16:45:00	16.8	466.4	1.7844	16.8	104.973
	1/11/2010 17:00:00	16.8	466.5	1.7858	16.8	104.974
	1/11/2010 17:15:00	16.8	466.5	1.7855	16.8	104.974
	1/11/2010 17:30:00	16.8	466.5	1.7855	16.8	104.974
	1/11/2010 17:45:00	16.8	466.4	1.7862	16.8	104.975
	1/11/2010 18:00:00	16.8	466.6	1.7872	16.8	104.976
	1/11/2010 18:15:00	16.8	466.5	1.7869	16.8	104.976
	1/11/2010 18:30:00	16.8	466.8	1.7869	16.8	104.976
	1/11/2010 18:45:00	16.8	466.6	1.7876	16.8	104.976
	1/11/2010 19:00:00	16.8	466.6	1.789	16.8	104.978
	1/11/2010 19:15:00	16.8	466.7	1.788	16.8	104.977
	1/11/2010 19:30:00	16.8	466.6	1.788	16.8	104.977
	1/11/2010 19:45:00	16.8	466.6	1.7887	16.8	104.977
	1/11/2010 20:00:00	16.8	466.6	1.793	16.8	104.982
	1/11/2010 20:15:00	16.8	466.7	1.7894	16.8	104.978
	1/11/2010 20:30:00	16.8	466.7	1.7915	16.8	104.980
	1/11/2010 20:45:00	16.8	466.6	1.7908	16.8	104.979
	1/11/2010 21:00:00	16.8	466.7	1.7915	16.8	104.980
	1/11/2010 21:15:00	16.8	466.7	1.7947	16.8	104.983
	1/11/2010 21:30:00	16.8	466.6	1.7922	16.8	104.981
	1/11/2010 21:45:00	16.8	466.6	1.794	16.8	104.983
	1/11/2010 22:00:00	16.8	466.7	1.7933	16.8	104.982
	1/11/2010 22:15:00	16.8	466.7	1.7933	16.8	104.982
	1/11/2010 22:30:00	16.8	466.7	1.7937	16.8	104.982
	1/11/2010 22:45:00	16.8	466.8	1.7947	16.8	104.983
	1/11/2010 23:00:00	16.8	466.8	1.7955	16.8	104.984
	1/11/2010 23:15:00	16.8	466.9	1.7962	16.8	104.985
	1/11/2010 23:30:00	16.8	466.8	1.7958	16.8	104.984
	1/11/2010 23:45:00	16.8	466.7	1.7969	16.8	104.986
	1/12/2010 0:00:00	16.8	466.8	1.7983	16.8	104.987
	1/12/2010 0:15:00	16.8	466.8	1.7976	16.8	104.986
	1/12/2010 0:30:00	16.8	466.9	1.7997	16.8	104.988
	1/12/2010 0:45:00	16.8	466.8	1.8001	16.8	104.989
	1/12/2010 1:00:00	16.8	466.9	1.8012	16.8	104.990
	1/12/2010 1:15:00	16.8	466.8	1.8019	16.8	104.991
	1/12/2010 1:30:00	16.8	466.9	1.8026	16.8	104.991
	1/12/2010 1:45:00	16.8	466.8	1.804	16.8	104.993
	1/12/2010 2:00:00	16.8	466.8	1.804	16.8	104.993
	1/12/2010 2:15:00	16.8	466.9	1.8062	16.8	104.995
	1/12/2010 2:30:00	16.8	466.9	1.8072	16.8	104.996
	1/12/2010 2:45:00	16.8	466.9	1.8083	16.8	104.997
	1/12/2010 3:00:00	16.9	466.1	1.8097	16.8	104.998
	1/12/2010 3:15:00	16.8	466.9	1.8105	16.8	104.999
	1/12/2010 3:30:00	16.8	466.9	1.8119	16.8	105.001

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/12/2010 3:45:00	16.8	466.9	1.814	16.8	105.003										
	1/12/2010 4:00:00	16.8	466.9	1.8137	16.8	105.002										
	1/12/2010 4:15:00	16.8	467	1.8151	16.8	105.004										
	1/12/2010 4:30:00	16.8	466.4	1.8169	16.8	105.006										
	1/12/2010 4:45:00	16.8	466.9	1.8172	16.8	105.006										
	1/12/2010 5:00:00	16.8	467	1.8187	16.8	105.007										
	1/12/2010 5:15:00	16.8	466.9	1.819	16.8	105.008										
	1/12/2010 5:30:00	16.8	466.9	1.8197	16.8	105.008										
	1/12/2010 5:45:00	16.8	466.9	1.8205	16.8	105.009										
	1/12/2010 6:00:00	16.8	466.8	1.8222	16.8	105.011										
	1/12/2010 6:15:00	16.8	466.9	1.8219	16.8	105.011										
	1/12/2010 6:30:00	16.8	466.8	1.824	16.8	105.013										
	1/12/2010 6:45:00	16.8	466.8	1.8258	16.8	105.014										
	1/12/2010 7:00:00	16.8	466.8	1.824	16.8	105.013										
	1/12/2010 7:15:00	16.8	466.9	1.8265	16.8	105.015										
	1/12/2010 7:30:00	16.8	466.9	1.8258	16.8	105.014										
	1/12/2010 7:45:00	16.8	466.9	1.8265	16.8	105.015										
	1/12/2010 8:00:00	16.8	466.9	1.8269	16.8	105.016										
	1/12/2010 8:15:00	16.8	466.9	1.8272	16.8	105.016										
	1/12/2010 8:30:00	16.8	466.5	1.8272	16.8	105.016										
	1/12/2010 8:45:00	16.8	466.8	1.8287	16.8	105.017										
	1/12/2010 9:00:00	16.8	466.8	1.8287	16.8	105.017										
	1/12/2010 9:15:00	16.8	466.8	1.8287	16.8	105.017										
	1/12/2010 9:30:00	16.8	466.8	1.8283	16.8	105.017										
	1/12/2010 9:45:00	16.8	466.8	1.8287	16.8	105.017										
	1/12/2010 10:00:00	16.8	466.8	1.8301	16.8	105.019										
	1/12/2010 10:15:00	16.8	466.7	1.8305	16.8	105.019										
	1/12/2010 10:30:00	16.8	466.8	1.8297	16.8	105.018										
	1/12/2010 10:45:00	16.8	466.8	1.8301	16.8	105.019										
	1/12/2010 11:00:00	16.8	466.7	1.8308	16.8	105.019										
	1/12/2010 11:15:00	16.8	466.8	1.8305	16.8	105.019										
	1/12/2010 11:30:00	16.8	466.9	1.8305	16.8	105.019										
	1/12/2010 11:45:00	16.8	466.8	1.8308	16.8	105.019										
	1/12/2010 12:00:00	16.8	466.8	1.8308	16.8	105.019										
	1/12/2010 12:15:00	16.8	466.9	1.8308	16.8	105.019										
	1/12/2010 12:30:00	16.8	466.8	1.8305	16.8	105.019										
	1/12/2010 12:45:00	16.8	466.8	1.8305	16.8	105.019										
	1/12/2010 13:00:00	16.8	466.8	1.8305	16.8	105.019										
	1/12/2010 13:15:00	16.8	466.9	1.8301	16.8	105.019										
	1/12/2010 13:30:00	16.8	466.8	1.8305	16.8	105.019										
	1/12/2010 13:45:00	16.8	466.9	1.8301	16.8	105.019										
	1/12/2010 14:00:00	16.8	466.8	1.8301	16.8	105.019										
	1/12/2010 14:15:00	16.8	466.9	1.8301	16.8	105.019										
	1/12/2010 14:30:00	16.8	466.6	1.8301	16.8	105.019										
	1/12/2010 14:45:00	16.8	466.8	1.8297	16.8	105.018										
	1/12/2010 15:00:00	16.8	466.8	1.8294	16.8	105.018										
	1/12/2010 15:15:00	16.8	466.9	1.8297	16.8	105.018										
	1/12/2010 15:30:00	16.8	466.7	1.8297	16.8	105.018										
	1/12/2010 15:45:00	16.8	466.9	1.8294	16.8	105.018										
	1/12/2010 16:00:00	16.8	466.9	1.8301	16.8	105.019										
	1/12/2010 16:15:00	16.8	466.9	1.8301	16.8	105.019										
	1/12/2010 16:30:00	16.8	466.9	1.8297	16.8	105.018										
	1/12/2010 16:45:00	16.8	467	1.8308	16.8	105.019										
	1/12/2010 17:00:00	16.8	466.9	1.8312	16.8	105.020										
	1/12/2010 17:15:00	16.8	466.9	1.8312	16.8	105.020										
	1/12/2010 17:30:00	16.8	466.9	1.8315	16.8	105.020										
	1/12/2010 17:45:00	16.8	467	1.8319	16.8	105.021										
	1/12/2010 18:00:00	16.8	466.9	1.8322	16.8	105.021										
	1/12/2010 18:15:00	16.8	466.9	1.833	16.8	105.022										
	1/12/2010 18:30:00	16.8	466.9	1.8337	16.8	105.022										
	1/12/2010 18:45:00	16.8	467.1	1.834	16.8	105.023										
	1/12/2010 19:00:00	16.8	467	1.8344	16.8	105.023										
	1/12/2010 19:15:00	16.8	466.9	1.8347	16.8	105.023										
	1/12/2010 19:30:00	16.8	467.1	1.8351	16.8	105.024										
	1/12/2010 19:45:00	16.8	467	1.8362	16.8	105.025										
	1/12/2010 20:00:00	16.8	467	1.8365	16.8	105.025										
	1/12/2010 20:15:00	16.8	467.2	1.838	16.8	105.027										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/12/2010 20:30:00	16.8	467.1	1.8376	16.8	105.026										
	1/12/2010 20:45:00	16.8	467.2	1.8387	16.8	105.027										
	1/12/2010 21:00:00	16.8	467	1.8394	16.8	105.028										
	1/12/2010 21:15:00	16.8	467.1	1.8397	16.8	105.028										
	1/12/2010 21:30:00	16.8	467.1	1.8405	16.8	105.029										
	1/12/2010 21:45:00	16.8	467	1.8412	16.8	105.030										
	1/12/2010 22:00:00	16.8	467.1	1.8419	16.8	105.031										
	1/12/2010 22:15:00	16.8	467.1	1.8426	16.8	105.031										
	1/12/2010 22:30:00	16.8	467.2	1.844	16.8	105.033										
	1/12/2010 22:45:00	16.8	467	1.8444	16.8	105.033										
	1/12/2010 23:00:00	16.8	467.2	1.8451	16.8	105.034										
	1/12/2010 23:15:00	16.8	467.5	1.8455	16.8	105.034										
	1/12/2010 23:30:00	16.8	467.1	1.8462	16.8	105.035										
	1/12/2010 23:45:00	16.8	467.2	1.8476	16.8	105.036										
	1/13/2010 0:00:00	16.8	467.3	1.8487	16.8	105.037										
	1/13/2010 0:15:00	16.8	467.2	1.849	16.8	105.038										
	1/13/2010 0:30:00	16.8	467.1	1.8505	16.8	105.039										
	1/13/2010 0:45:00	16.8	467.2	1.8515	16.8	105.040										
	1/13/2010 1:00:00	16.8	467.2	1.8519	16.8	105.041										
	1/13/2010 1:15:00	16.8	467.3	1.853	16.8	105.042										
	1/13/2010 1:30:00	16.8	467.3	1.8537	16.8	105.042										
	1/13/2010 1:45:00	16.8	467.4	1.8551	16.8	105.044										
	1/13/2010 2:00:00	16.8	467.2	1.8562	16.8	105.045										
	1/13/2010 2:15:00	16.8	467.3	1.8565	16.8	105.045										
	1/13/2010 2:30:00	16.8	467.3	1.8583	16.8	105.047										
	1/13/2010 2:45:00	16.8	467.5	1.859	16.8	105.048										
	1/13/2010 3:00:00	16.8	467.3	1.8605	16.8	105.049										
	1/13/2010 3:15:00	16.8	467.3	1.8612	16.8	105.050										
	1/13/2010 3:30:00	16.8	467.5	1.863	16.8	105.052										
	1/13/2010 3:45:00	16.8	467.4	1.864	16.8	105.053										
	1/13/2010 4:00:00	16.8	467.3	1.8647	16.8	105.053										
	1/13/2010 4:15:00	16.8	467.4	1.8655	16.8	105.054										
	1/13/2010 4:30:00	16.8	467.2	1.8669	16.8	105.056										
	1/13/2010 4:45:00	16.8	467.4	1.8683	16.8	105.057										
	1/13/2010 5:00:00	16.8	467.3	1.8687	16.8	105.057										
	1/13/2010 5:15:00	16.8	467.4	1.8697	16.8	105.058										
	1/13/2010 5:30:00	16.8	467.4	1.8701	16.8	105.059										
	1/13/2010 5:45:00	16.8	467.4	1.8708	16.8	105.059										
	1/13/2010 6:00:00	16.8	467.3	1.8715	16.8	105.060										
	1/13/2010 6:15:00	16.8	467.4	1.8722	16.8	105.061										
	1/13/2010 6:30:00	16.8	467.4	1.8722	16.8	105.061										
	1/13/2010 6:45:00	16.8	467.4	1.8737	16.8	105.062										
	1/13/2010 7:00:00	16.8	467.6	1.8733	16.8	105.062										
	1/13/2010 7:15:00	16.8	467.5	1.874	16.8	105.063										
	1/13/2010 7:30:00	16.8	467.4	1.874	16.8	105.063										
	1/13/2010 7:45:00	16.8	467.4	1.8744	16.8	105.063										
	1/13/2010 8:00:00	16.8	467.2	1.8744	16.8	105.063										
	1/13/2010 8:15:00	16.8	467.3	1.8744	16.8	105.063										
	1/13/2010 8:30:00	16.8	467.3	1.8751	16.8	105.064										
	1/13/2010 8:45:00	16.8	467.3	1.8747	16.8	105.063										
	1/13/2010 9:00:00	16.8	467.3	1.8747	16.8	105.063										
	1/13/2010 9:15:00	16.8	467.3	1.8747	16.8	105.063										
	1/13/2010 9:30:00	16.8	467.3	1.8747	16.8	105.063										
	1/13/2010 9:45:00	16.8	467.2	1.8744	16.8	105.063										
	1/13/2010 10:00:00	16.8	467.3	1.874	16.8	105.063										
	1/13/2010 10:15:00	16.8	467.2	1.874	16.8	105.063										
	1/13/2010 10:30:00	16.8	467.2	1.8737	16.8	105.062										
	1/13/2010 10:45:00	16.8	467.3	1.8705	16.8	105.059										
	1/13/2010 11:00:00	16.8	467.2	1.8708	16.8	105.059										
	1/13/2010 11:15:00	16.8	467.4	1.873	16.8	105.062										
	1/13/2010 11:30:00	16.8	467.4	1.873	16.8	105.062										
	1/13/2010 11:45:00	16.8	467.4	1.8719	16.8	105.061										
	1/13/2010 12:00:00	16.8	467.4	1.873	16.8	105.062										
	1/13/2010 12:15:00	16.8	467.2	1.8722	16.8	105.061										
	1/13/2010 12:30:00	16.8	467.2	1.8715	16.8	105.060										
	1/13/2010 12:45:00	16.8	467.1	1.8712	16.8	105.060										
	1/13/2010 13:00:00	16.8	467.1	1.8712	16.8	105.060										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/13/2010 13:15:00	16.8	467.1	1.8705	16.8	105.059										
	1/13/2010 13:30:00	16.8	467	1.8701	16.8	105.059										
	1/13/2010 13:45:00	16.8	467.1	1.8701	16.8	105.059										
	1/13/2010 14:00:00	16.8	467.2	1.8697	16.8	105.058										
	1/13/2010 14:15:00	16.8	467.1	1.8694	16.8	105.058										
	1/13/2010 14:30:00	16.8	467	1.869	16.8	105.058										
	1/13/2010 14:45:00	16.9	466.4	1.8694	16.8	105.058										
	1/13/2010 15:00:00	16.8	467.1	1.8687	16.8	105.057										
	1/13/2010 15:15:00	16.8	467.1	1.8683	16.8	105.057										
	1/13/2010 15:30:00	16.8	467.1	1.868	16.8	105.057										
	1/13/2010 15:45:00	16.8	467	1.868	16.8	105.057										
	1/13/2010 16:00:00	16.8	466.8	1.8676	16.8	105.056										
	1/13/2010 16:15:00	16.8	467.1	1.868	16.8	105.057										
	1/13/2010 16:30:00	16.8	467	1.8669	16.8	105.056										
	1/13/2010 16:45:00	16.8	467	1.8669	16.8	105.056										
	1/13/2010 17:00:00	16.8	467.2	1.8672	16.8	105.056										
	1/13/2010 17:15:00	16.8	467.1	1.8672	16.8	105.056										
	1/13/2010 17:30:00	16.8	466.9	1.8669	16.8	105.056										
	1/13/2010 17:45:00	16.8	467	1.8672	16.8	105.056										
	1/13/2010 18:00:00	16.8	466.8	1.8669	16.8	105.056										
	1/13/2010 18:15:00	16.8	466.9	1.8665	16.8	105.055										
	1/13/2010 18:30:00	16.8	467	1.8662	16.8	105.055										
	1/13/2010 18:45:00	16.8	467.1	1.8665	16.8	105.055										
	1/13/2010 19:00:00	16.8	467	1.8658	16.8	105.054										
	1/13/2010 19:15:00	16.8	467	1.8669	16.8	105.056										
	1/13/2010 19:30:00	16.8	467	1.8665	16.8	105.055										
	1/13/2010 19:45:00	16.8	467	1.8665	16.8	105.055										
	1/13/2010 20:00:00	16.8	467	1.8665	16.8	105.055										
	1/13/2010 20:15:00	16.8	467	1.8672	16.8	105.056										
	1/13/2010 20:30:00	16.8	466.9	1.8676	16.8	105.056										
	1/13/2010 20:45:00	16.8	467	1.8672	16.8	105.056										
	1/13/2010 21:00:00	16.8	467.1	1.868	16.8	105.057										
	1/13/2010 21:15:00	16.8	467.1	1.8676	16.8	105.056										
	1/13/2010 21:30:00	16.8	467.1	1.8687	16.8	105.057										
	1/13/2010 21:45:00	16.8	467	1.8687	16.8	105.057										
	1/13/2010 22:00:00	16.8	467	1.8692	16.9	105.058										
	1/13/2010 22:15:00	16.8	467.1	1.8697	16.8	105.058										
	1/13/2010 22:30:00	16.8	467.1	1.8701	16.8	105.059										
	1/13/2010 22:45:00	16.8	467.1	1.8705	16.8	105.059										
	1/13/2010 23:00:00	16.8	466.9	1.8705	16.8	105.059										
	1/13/2010 23:15:00	16.8	466.9	1.8712	16.8	105.060										
	1/13/2010 23:30:00	16.8	467.1	1.8708	16.8	105.059										
	1/13/2010 23:45:00	16.8	467.1	1.8719	16.8	105.061										
	1/14/2010 0:00:00	16.8	467	1.8722	16.8	105.061										
	1/14/2010 0:15:00	16.8	467.1	1.8726	16.8	105.061										
	1/14/2010 0:30:00	16.8	467.1	1.8726	16.8	105.061										
	1/14/2010 0:45:00	16.8	467.1	1.8737	16.8	105.062										
	1/14/2010 1:00:00	16.8	466.9	1.874	16.8	105.063										
	1/14/2010 1:15:00	16.8	467.1	1.8744	16.8	105.063										
	1/14/2010 1:30:00	16.8	467.2	1.8747	16.8	105.063										
	1/14/2010 1:45:00	16.8	467.1	1.8751	16.8	105.064										
	1/14/2010 2:00:00	16.8	467.1	1.8755	16.8	105.064										
	1/14/2010 2:15:00	16.8	467	1.8755	16.8	105.064										
	1/14/2010 2:30:00	16.8	467.1	1.8762	16.8	105.065										
	1/14/2010 2:45:00	16.8	467	1.8762	16.8	105.065										
	1/14/2010 3:00:00	16.8	467.1	1.8772	16.8	105.066										
	1/14/2010 3:15:00	16.8	466.9	1.8774	16.9	105.066										
	1/14/2010 3:30:00	16.8	466.9	1.878	16.8	105.067										
	1/14/2010 3:45:00	16.8	466.9	1.878	16.8	105.067										
	1/14/2010 4:00:00	16.8	467	1.878	16.8	105.067										
	1/14/2010 4:15:00	16.8	467	1.8783	16.8	105.067										
	1/14/2010 4:30:00	16.8	466.8	1.8783	16.8	105.067										
	1/14/2010 4:45:00	16.8	466.9	1.879	16.8	105.068										
	1/14/2010 5:00:00	16.8	467	1.879	16.8	105.068										
	1/14/2010 5:15:00	16.8	466.9	1.879	16.8	105.068										
	1/14/2010 5:30:00	16.8	466.9	1.8797	16.8	105.068										
	1/14/2010 5:45:00	16.8	466.9	1.8801	16.8	105.069										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/14/2010 6:00:00	16.8	466.7	1.879	16.8	105.068
	1/14/2010 6:15:00	16.8	466.9	1.8794	16.8	105.068
	1/14/2010 6:30:00	16.8	466.9	1.8797	16.8	105.068
	1/14/2010 6:45:00	16.8	466.8	1.8801	16.8	105.069
	1/14/2010 7:00:00	16.8	466.6	1.8801	16.8	105.069
	1/14/2010 7:15:00	16.8	466.7	1.8797	16.8	105.068
	1/14/2010 7:30:00	16.8	466.8	1.8794	16.8	105.068
	1/14/2010 7:45:00	16.8	466.8	1.879	16.8	105.068
	1/14/2010 8:00:00	16.8	466.8	1.8783	16.8	105.067
	1/14/2010 8:15:00	16.8	466.8	1.8787	16.8	105.067
	1/14/2010 8:30:00	16.8	466.7	1.8787	16.8	105.067
	1/14/2010 8:45:00	16.8	466.6	1.8787	16.8	105.067
	1/14/2010 9:00:00	16.8	466.7	1.8772	16.8	105.066
	1/14/2010 9:15:00	16.8	466.7	1.878	16.8	105.067
	1/14/2010 9:30:00	16.8	466.7	1.8769	16.8	105.066
	1/14/2010 9:45:00	16.8	466.5	1.8772	16.8	105.066
	1/14/2010 10:00:00	16.8	466.6	1.8762	16.8	105.065
	1/14/2010 10:15:00	16.8	466.5	1.8765	16.8	105.065
	1/14/2010 10:30:00	16.8	466.6	1.8762	16.8	105.065
	1/14/2010 10:45:00	16.8	466.6	1.8755	16.8	105.064
	1/14/2010 11:00:00	16.8	466.4	1.8744	16.8	105.063
	1/14/2010 11:15:00	16.8	466.4	1.8747	16.8	105.063
	1/14/2010 11:30:00	16.8	466.5	1.874	16.8	105.063
	1/14/2010 11:45:00	16.8	466.4	1.8744	16.8	105.063
	1/14/2010 12:00:00	16.8	466.4	1.8733	16.8	105.062
	1/14/2010 12:15:00	16.8	466.3	1.8726	16.8	105.061
	1/14/2010 12:30:00	16.8	466.4	1.8712	16.8	105.060
	1/14/2010 12:45:00	16.8	466.3	1.8708	16.8	105.059
	1/14/2010 13:00:00	16.8	466.3	1.8708	16.8	105.059
	1/14/2010 13:15:00	16.8	466.3	1.8697	16.8	105.058
	1/14/2010 13:30:00	16.8	466.3	1.8687	16.8	105.057
	1/14/2010 13:45:00	16.8	466.3	1.869	16.8	105.058
	1/14/2010 14:00:00	16.8	466.3	1.8676	16.8	105.056
	1/14/2010 14:15:00	16.8	466.2	1.8669	16.8	105.056
	1/14/2010 14:30:00	16.8	466.3	1.8662	16.8	105.055
	1/14/2010 14:45:00	16.8	466.3	1.8662	16.8	105.055
	1/14/2010 15:00:00	16.8	466.3	1.8655	16.8	105.054
	1/14/2010 15:15:00	16.8	466.3	1.8647	16.8	105.053
	1/14/2010 15:30:00	16.8	466.2	1.864	16.8	105.053
	1/14/2010 15:45:00	16.8	466.2	1.8633	16.8	105.052
	1/14/2010 16:00:00	16.8	466.2	1.8622	16.8	105.051
	1/14/2010 16:15:00	16.8	466.2	1.8615	16.8	105.050
	1/14/2010 16:30:00	16.8	466.1	1.8608	16.8	105.049
	1/14/2010 16:45:00	16.8	466.2	1.8597	16.8	105.048
	1/14/2010 17:00:00	16.8	466.2	1.859	16.8	105.048
	1/14/2010 17:15:00	16.8	466.2	1.8587	16.8	105.047
	1/14/2010 17:30:00	16.8	466.1	1.8583	16.8	105.047
	1/14/2010 17:45:00	16.8	466	1.8572	16.8	105.046
	1/14/2010 18:00:00	16.8	466.1	1.8562	16.8	105.045
	1/14/2010 18:15:00	16.8	466	1.8558	16.8	105.044
	1/14/2010 18:30:00	16.8	466.1	1.8537	16.8	105.042
	1/14/2010 18:45:00	16.8	466.2	1.8547	16.8	105.043
	1/14/2010 19:00:00	16.8	466.1	1.854	16.8	105.043
	1/14/2010 19:15:00	16.8	466	1.8537	16.8	105.042
	1/14/2010 19:30:00	16.8	466.1	1.8515	16.8	105.040
	1/14/2010 19:45:00	16.8	465.9	1.8508	16.8	105.039
	1/14/2010 20:00:00	16.8	466.1	1.8505	16.8	105.039
	1/14/2010 20:15:00	16.8	466	1.8501	16.8	105.039
	1/14/2010 20:30:00	16.8	466	1.848	16.8	105.037
	1/14/2010 20:45:00	16.8	466.1	1.8476	16.8	105.036
	1/14/2010 21:00:00	16.8	466	1.8476	16.8	105.036
	1/14/2010 21:15:00	16.8	465.9	1.8469	16.8	105.036
	1/14/2010 21:30:00	16.8	466	1.8458	16.8	105.034
	1/14/2010 21:45:00	16.8	466	1.8451	16.8	105.034
	1/14/2010 22:00:00	16.8	465.9	1.8451	16.8	105.034
	1/14/2010 22:15:00	16.8	466.1	1.844	16.8	105.033
	1/14/2010 22:30:00	16.8	465.9	1.8437	16.8	105.032

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/14/2010 22:45:00	16.8	466	1.8419	16.8	105.031										
	1/14/2010 23:00:00	16.8	466	1.8415	16.8	105.030										
	1/14/2010 23:15:00	16.8	466	1.8408	16.8	105.029										
	1/14/2010 23:30:00	16.8	466	1.8408	16.8	105.029										
	1/14/2010 23:45:00	16.8	466	1.8387	16.8	105.027										
	1/15/2010 0:00:00	16.8	466	1.8394	16.8	105.028										
	1/15/2010 0:15:00	16.8	465.8	1.8383	16.8	105.027										
	1/15/2010 0:30:00	16.8	466	1.8365	16.8	105.025										
	1/15/2010 0:45:00	16.8	465.9	1.838	16.8	105.027										
	1/15/2010 1:00:00	16.8	466.2	1.8369	16.8	105.026										
	1/15/2010 1:15:00	16.8	466	1.8365	16.8	105.025										
	1/15/2010 1:30:00	16.8	466	1.8362	16.8	105.025										
	1/15/2010 1:45:00	16.8	466	1.8347	16.8	105.023										
	1/15/2010 2:00:00	16.8	465.9	1.8358	16.8	105.024										
	1/15/2010 2:15:00	16.8	465.9	1.8344	16.8	105.023										
	1/15/2010 2:30:00	16.8	466	1.8347	16.8	105.023										
	1/15/2010 2:45:00	16.8	466	1.834	16.8	105.023										
	1/15/2010 3:00:00	16.8	465.9	1.8347	16.8	105.023										
	1/15/2010 3:15:00	16.8	466.1	1.8337	16.8	105.022										
	1/15/2010 3:30:00	16.8	465.8	1.8326	16.8	105.021										
	1/15/2010 3:45:00	16.8	466.1	1.833	16.8	105.022										
	1/15/2010 4:00:00	16.8	466	1.8322	16.8	105.021										
	1/15/2010 4:15:00	16.8	466	1.8319	16.8	105.021										
	1/15/2010 4:30:00	16.8	466.1	1.8315	16.8	105.020										
	1/15/2010 4:45:00	16.8	465.9	1.8315	16.8	105.020										
	1/15/2010 5:00:00	16.8	465.8	1.8319	16.8	105.021										
	1/15/2010 5:15:00	16.8	466	1.8308	16.8	105.019										
	1/15/2010 5:30:00	16.8	466	1.8308	16.8	105.019										
	1/15/2010 5:45:00	16.8	465.9	1.8297	16.8	105.018										
	1/15/2010 6:00:00	16.8	465.9	1.8297	16.8	105.018										
	1/15/2010 6:15:00	16.9	465.2	1.8294	16.8	105.018										
	1/15/2010 6:30:00	16.8	466	1.8294	16.8	105.018										
	1/15/2010 6:45:00	16.8	465.9	1.828	16.8	105.017										
	1/15/2010 7:00:00	16.9	465.3	1.8283	16.8	105.017										
	1/15/2010 7:15:00	16.8	465.8	1.828	16.8	105.017										
	1/15/2010 7:30:00	16.8	465.8	1.8272	16.8	105.016										
	1/15/2010 7:45:00	16.8	465.8	1.8262	16.8	105.015										
	1/15/2010 8:00:00	16.8	465.8	1.8262	16.8	105.015										
	1/15/2010 8:15:00	16.8	465.8	1.8258	16.8	105.014										
	1/15/2010 8:30:00	16.8	465.8	1.8251	16.8	105.014										
	1/15/2010 8:45:00	16.8	465.7	1.8244	16.8	105.013										
	1/15/2010 9:00:00	16.8	465.8	1.824	16.8	105.013										
	1/15/2010 9:15:00	16.8	465.9	1.824	16.8	105.013										
	1/15/2010 9:30:00	16.8	465.8	1.8255	16.8	105.014										
	1/15/2010 9:45:00	16.8	465.9	1.8219	16.8	105.011										
	1/15/2010 10:00:00	16.8	465.8	1.8222	16.8	105.011										
	1/15/2010 10:15:00	16.8	465.9	1.8226	16.8	105.011										
	1/15/2010 10:30:00	16.8	465.9	1.8222	16.8	105.011										
	1/15/2010 10:45:00	16.8	465.8	1.8212	16.8	105.010										
	1/15/2010 11:00:00	16.8	465.7	1.8208	16.8	105.009										
	1/15/2010 11:15:00	16.8	465.8	1.8205	16.8	105.009										
	1/15/2010 11:30:00	16.8	465.7	1.8205	16.8	105.009										
	1/15/2010 11:45:00	16.8	465.7	1.8194	16.8	105.008										
	1/15/2010 12:00:00	16.8	465.9	1.8197	16.8	105.008										
	1/15/2010 12:15:00	16.8	465.7	1.819	16.8	105.008										
	1/15/2010 12:30:00	16.8	465.8	1.8183	16.8	105.007										
	1/15/2010 12:45:00	16.8	465.6	1.818	16.8	105.007										
	1/15/2010 13:00:00	16.8	465.8	1.8172	16.8	105.006										
	1/15/2010 13:15:00	16.8	465.6	1.818	16.8	105.007										
	1/15/2010 13:30:00	16.8	465.7	1.8172	16.8	105.006										
	1/15/2010 13:45:00	16.8	465.7	1.8165	16.8	105.005										
	1/15/2010 14:00:00	16.8	465.7	1.8155	16.8	105.004										
	1/15/2010 14:15:00	16.8	465.8	1.8158	16.8	105.004										
	1/15/2010 14:30:00	16.8	465.8	1.8151	16.8	105.004										
	1/15/2010 14:45:00	16.8	465.8	1.8151	16.8	105.004										
	1/15/2010 15:00:00	16.8	465.8	1.8144	16.8	105.003										
	1/15/2010 15:15:00	16.8	465.8	1.814	16.8	105.003										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/15/2010 15:30:00	16.8	465.9	1.814	16.8	105.003										
	1/15/2010 15:45:00	16.8	465.7	1.8158	16.8	105.004										
	1/15/2010 16:00:00	16.8	465.7	1.8144	16.8	105.003										
	1/15/2010 16:15:00	16.8	465.7	1.8137	16.8	105.002										
	1/15/2010 16:30:00	16.8	461.9	1.813	17.4	105.002										
	1/15/2010 16:45:00	16.8	466.4	1.813	16.8	105.002										
	1/15/2010 17:00:00	16.8	465.7	1.813	16.8	105.002										
	1/15/2010 17:15:00	16.8	465.8	1.8122	16.8	105.001										
	1/15/2010 17:30:00	16.8	465.8	1.8126	16.8	105.001										
	1/15/2010 17:45:00	16.8	465.8	1.8122	16.8	105.001										
	1/15/2010 18:00:00	16.8	465.7	1.8119	16.8	105.001										
	1/15/2010 18:15:00	16.8	465.8	1.8126	16.8	105.001										
	1/15/2010 18:30:00	16.8	465.7	1.813	16.8	105.002										
	1/15/2010 18:45:00	16.8	465.7	1.813	16.8	105.002										
	1/15/2010 19:00:00	16.8	465.6	1.8119	16.8	105.001										
	1/15/2010 19:15:00	16.8	465.7	1.8112	16.8	105.000										
	1/15/2010 19:30:00	16.8	465.7	1.8101	16.8	104.999										
	1/15/2010 19:45:00	16.8	465.7	1.8108	16.8	104.999										
	1/15/2010 20:00:00	16.8	465.7	1.8115	16.8	105.000										
	1/15/2010 20:15:00	16.8	465.7	1.8108	16.8	104.999										
	1/15/2010 20:30:00	16.8	465.7	1.8105	16.8	104.999										
	1/15/2010 20:45:00	16.8	465.7	1.8097	16.8	104.998										
	1/15/2010 21:00:00	16.8	465.7	1.8097	16.8	104.998										
	1/15/2010 21:15:00	16.8	465.7	1.8097	16.8	104.998										
	1/15/2010 21:30:00	16.8	465.6	1.809	16.8	104.998										
	1/15/2010 21:45:00	16.8	465.7	1.809	16.8	104.998										
	1/15/2010 22:00:00	16.8	465.6	1.809	16.8	104.998										
	1/15/2010 22:15:00	16.8	465.7	1.8087	16.8	104.997										
	1/15/2010 22:30:00	16.8	465.6	1.8076	16.8	104.996										
	1/15/2010 22:45:00	16.8	465.6	1.8083	16.8	104.997										
	1/15/2010 23:00:00	16.8	465.7	1.808	16.8	104.997										
	1/15/2010 23:15:00	16.8	465.7	1.8076	16.8	104.996										
	1/15/2010 23:30:00	16.8	465.9	1.8076	16.8	104.996										
	1/15/2010 23:45:00	16.8	465.7	1.8069	16.8	104.996										
	1/16/2010 0:00:00	16.8	465.6	1.8065	16.8	104.995										
	1/16/2010 0:15:00	16.8	465.7	1.8062	16.8	104.995										
	1/16/2010 0:30:00	16.8	465.7	1.8058	16.8	104.994										
	1/16/2010 0:45:00	16.8	465.7	1.8051	16.8	104.994										
	1/16/2010 1:00:00	16.8	465.7	1.8051	16.8	104.994										
	1/16/2010 1:15:00	16.8	465.7	1.804	16.8	104.993										
	1/16/2010 1:30:00	16.8	465.7	1.804	16.8	104.993										
	1/16/2010 1:45:00	16.8	465.6	1.804	16.8	104.993										
	1/16/2010 2:00:00	16.8	465.8	1.8037	16.8	104.992										
	1/16/2010 2:15:00	16.8	465.6	1.803	16.8	104.992										
	1/16/2010 2:30:00	16.8	465.6	1.803	16.8	104.992										
	1/16/2010 2:45:00	16.8	465.7	1.8026	16.8	104.991										
	1/16/2010 3:00:00	16.8	465.7	1.8019	16.8	104.991										
	1/16/2010 3:15:00	16.8	465.7	1.8019	16.8	104.991										
	1/16/2010 3:30:00	16.8	465.8	1.8015	16.8	104.990										
	1/16/2010 3:45:00	16.8	465.6	1.8012	16.8	104.990										
	1/16/2010 4:00:00	16.8	465.7	1.8008	16.8	104.989										
	1/16/2010 4:15:00	16.8	465.8	1.8005	16.8	104.989										
	1/16/2010 4:30:00	16.8	465.6	1.8001	16.8	104.989										
	1/16/2010 4:45:00	16.8	465.7	1.7997	16.8	104.988										
	1/16/2010 5:00:00	16.8	465.6	1.7994	16.8	104.988										
	1/16/2010 5:15:00	16.8	465.8	1.7987	16.8	104.987										
	1/16/2010 5:30:00	16.8	465.6	1.7987	16.8	104.987										
	1/16/2010 5:45:00	16.8	465.8	1.7983	16.8	104.987										
	1/16/2010 6:00:00	16.8	465.7	1.798	16.8	104.987										
	1/16/2010 6:15:00	16.8	465.7	1.7976	16.8	104.986										
	1/16/2010 6:30:00	16.8	465.8	1.7972	16.8	104.986										
	1/16/2010 6:45:00	16.8	465.7	1.7969	16.8	104.986										
	1/16/2010 7:00:00	16.8	465.7	1.7969	16.8	104.986										
	1/16/2010 7:15:00	16.8	465.7	1.7962	16.8	104.985										
	1/16/2010 7:30:00	16.8	465.7	1.7958	16.8	104.984										
	1/16/2010 7:45:00	16.8	465.6	1.7955	16.8	104.984										
	1/16/2010 8:00:00	16.8	465.7	1.7951	16.8	104.984										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/16/2010 8:15:00	16.8	465.7	1.7944	16.8	104.983										
	1/16/2010 8:30:00	16.8	465.8	1.794	16.8	104.983										
	1/16/2010 8:45:00	16.8	465.6	1.7937	16.8	104.982										
	1/16/2010 9:00:00	16.8	465.6	1.7933	16.8	104.982										
	1/16/2010 9:15:00	16.8	465.8	1.7933	16.8	104.982										
	1/16/2010 9:30:00	16.8	465.8	1.7926	16.8	104.981										
	1/16/2010 9:45:00	16.8	465.7	1.7926	16.8	104.981										
	1/16/2010 10:00:00	16.8	465.9	1.7919	16.8	104.981										
	1/16/2010 10:15:00	16.8	465.9	1.7915	16.8	104.980										
	1/16/2010 10:30:00	16.8	465.8	1.7912	16.8	104.980										
	1/16/2010 10:45:00	16.8	465.7	1.7908	16.8	104.979										
	1/16/2010 11:00:00	16.8	465.8	1.7905	16.8	104.979										
	1/16/2010 11:15:00	16.8	465.8	1.7908	16.8	104.979										
	1/16/2010 11:30:00	16.8	465.8	1.7901	16.8	104.979										
	1/16/2010 11:45:00	16.8	465.8	1.7897	16.8	104.978										
	1/16/2010 12:00:00	16.8	465.8	1.7897	16.8	104.978										
	1/16/2010 12:15:00	16.8	465.9	1.7887	16.8	104.977										
	1/16/2010 12:30:00	16.8	465.8	1.7887	16.8	104.977										
	1/16/2010 12:45:00	16.8	465.8	1.788	16.8	104.977										
	1/16/2010 13:00:00	16.8	465.7	1.788	16.8	104.977										
	1/16/2010 13:15:00	16.8	465.8	1.7876	16.8	104.976										
	1/16/2010 13:30:00	16.8	465.8	1.7869	16.8	104.976										
	1/16/2010 13:45:00	16.8	465.9	1.7865	16.8	104.975										
	1/16/2010 14:00:00	16.8	465.8	1.7858	16.8	104.974										
	1/16/2010 14:15:00	16.8	465.9	1.7856	16.9	104.974										
	1/16/2010 14:30:00	16.8	465.8	1.7851	16.8	104.974										
	1/16/2010 14:45:00	16.8	465.8	1.7847	16.8	104.973										
	1/16/2010 15:00:00	16.8	465.8	1.784	16.8	104.973										
	1/16/2010 15:15:00	16.8	466	1.784	16.8	104.973										
	1/16/2010 15:30:00	16.8	465.9	1.7837	16.8	104.972										
	1/16/2010 15:45:00	16.8	466	1.7833	16.8	104.972										
	1/16/2010 16:00:00	16.8	465.9	1.7822	16.8	104.971										
	1/16/2010 16:15:00	16.8	466	1.7822	16.8	104.971										
	1/16/2010 16:30:00	16.8	466	1.7819	16.8	104.971										
	1/16/2010 16:45:00	16.8	466	1.7819	16.8	104.971										
	1/16/2010 17:00:00	16.8	466.1	1.7812	16.8	104.970										
	1/16/2010 17:15:00	16.8	466	1.7812	16.8	104.970										
	1/16/2010 17:30:00	16.8	466	1.7801	16.8	104.969										
	1/16/2010 17:45:00	16.8	466	1.7801	16.8	104.969										
	1/16/2010 18:00:00	16.8	466	1.7794	16.8	104.968										
	1/16/2010 18:15:00	16.8	466	1.779	16.8	104.968										
	1/16/2010 18:30:00	16.8	466.2	1.7788	16.9	104.967										
	1/16/2010 18:45:00	16.8	466.1	1.778	16.8	104.967										
	1/16/2010 19:00:00	16.8	466.1	1.7776	16.8	104.966										
	1/16/2010 19:15:00	16.8	466.1	1.7772	16.8	104.966										
	1/16/2010 19:30:00	16.8	466.1	1.7769	16.8	104.966										
	1/16/2010 19:45:00	16.8	466	1.7762	16.8	104.965										
	1/16/2010 20:00:00	16.8	466.1	1.7758	16.8	104.964										
	1/16/2010 20:15:00	16.8	466.2	1.7752	16.9	104.964										
	1/16/2010 20:30:00	16.8	466	1.7747	16.8	104.963										
	1/16/2010 20:45:00	16.8	466.2	1.7744	16.8	104.963										
	1/16/2010 21:00:00	16.8	466.2	1.7737	16.8	104.962										
	1/16/2010 21:15:00	16.8	466.3	1.773	16.8	104.962										
	1/16/2010 21:30:00	16.8	466.2	1.7726	16.8	104.961										
	1/16/2010 21:45:00	16.8	466.2	1.7712	16.8	104.960										
	1/16/2010 22:00:00	16.8	466.4	1.7712	16.8	104.960										
	1/16/2010 22:15:00	16.8	466.2	1.7705	16.8	104.959										
	1/16/2010 22:30:00	16.8	466.2	1.7701	16.8	104.959										
	1/16/2010 22:45:00	16.8	466.3	1.7697	16.8	104.958										
	1/16/2010 23:00:00	16.8	466.3	1.7687	16.8	104.957										
	1/16/2010 23:15:00	16.8	466.4	1.768	16.8	104.957										
	1/16/2010 23:30:00	16.8	466.3	1.7672	16.8	104.956										
	1/16/2010 23:45:00	16.8	466.6	1.7669	16.8	104.956										
	1/17/2010 0:00:00	16.8	466.5	1.767	16.9	104.956										
	1/17/2010 0:15:00	16.8	466.5	1.7665	16.8	104.955										
	1/17/2010 0:30:00	16.8	466.4	1.7658	16.8	104.954										
	1/17/2010 0:45:00	16.8	466.4	1.7651	16.8	104.954										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/17/2010 1:00:00	16.8	466.5	1.7647	16.8	104.953										
	1/17/2010 1:15:00	16.9	466.1	1.764	16.8	104.953										
	1/17/2010 1:30:00	16.8	466.5	1.7633	16.8	104.952										
	1/17/2010 1:45:00	16.8	466.5	1.7631	16.9	104.952										
	1/17/2010 2:00:00	16.8	466.6	1.763	16.8	104.952										
	1/17/2010 2:15:00	16.8	466.5	1.763	16.8	104.952										
	1/17/2010 2:30:00	16.8	466.6	1.7622	16.8	104.951										
	1/17/2010 2:45:00	16.8	466.6	1.7612	16.8	104.950										
	1/17/2010 3:00:00	16.8	466.7	1.7619	16.8	104.951										
	1/17/2010 3:15:00	16.8	466.7	1.7612	16.8	104.950										
	1/17/2010 3:30:00	16.8	466.6	1.7612	16.8	104.950										
	1/17/2010 3:45:00	16.8	466.7	1.7612	16.8	104.950										
	1/17/2010 4:00:00	16.8	466.7	1.7605	16.8	104.949										
	1/17/2010 4:15:00	16.8	466.7	1.7601	16.8	104.949										
	1/17/2010 4:30:00	16.8	466.7	1.7601	16.8	104.949										
	1/17/2010 4:45:00	16.8	466.8	1.7597	16.8	104.948										
	1/17/2010 5:00:00	16.8	466.7	1.7601	16.8	104.949										
	1/17/2010 5:15:00	16.8	466.8	1.7594	16.8	104.948										
	1/17/2010 5:30:00	16.8	466.8	1.7605	16.8	104.949										
	1/17/2010 5:45:00	16.8	466.8	1.7605	16.8	104.949										
	1/17/2010 6:00:00	16.8	466.8	1.7594	16.8	104.948										
	1/17/2010 6:15:00	16.8	467	1.7594	16.8	104.948										
	1/17/2010 6:30:00	16.8	466.8	1.7583	16.8	104.947										
	1/17/2010 6:45:00	16.8	466.9	1.759	16.8	104.948										
	1/17/2010 7:00:00	16.8	466.9	1.7597	16.8	104.948										
	1/17/2010 7:15:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 7:30:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 7:45:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 8:00:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 8:15:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 8:30:00	16.8	466.9	1.759	16.8	104.948										
	1/17/2010 8:45:00	16.8	467	1.7594	16.8	104.948										
	1/17/2010 9:00:00	16.8	466.9	1.7597	16.8	104.948										
	1/17/2010 9:15:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 9:30:00	16.8	467	1.7594	16.8	104.948										
	1/17/2010 9:45:00	16.8	467	1.7595	16.9	104.948										
	1/17/2010 10:00:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 10:15:00	16.8	467	1.7594	16.8	104.948										
	1/17/2010 10:30:00	16.8	467	1.759	16.8	104.948										
	1/17/2010 10:45:00	16.8	466.9	1.7594	16.8	104.948										
	1/17/2010 11:00:00	16.8	466.9	1.759	16.8	104.948										
	1/17/2010 11:15:00	16.8	467	1.7587	16.8	104.947										
	1/17/2010 11:30:00	16.8	467	1.7587	16.8	104.947										
	1/17/2010 11:45:00	16.8	467	1.7587	16.8	104.947										
	1/17/2010 12:00:00	16.8	467.1	1.7583	16.8	104.947										
	1/17/2010 12:15:00	16.8	467	1.758	16.8	104.947										
	1/17/2010 12:30:00	16.8	467	1.758	16.8	104.947										
	1/17/2010 12:45:00	16.8	467	1.758	16.8	104.947										
	1/17/2010 13:00:00	16.8	467	1.7576	16.8	104.946										
	1/17/2010 13:15:00	16.8	467	1.7572	16.8	104.946										
	1/17/2010 13:30:00	16.8	466.8	1.7569	16.8	104.946										
	1/17/2010 13:45:00	16.8	467	1.7565	16.8	104.945										
	1/17/2010 14:00:00	16.8	467	1.7562	16.8	104.945										
	1/17/2010 14:15:00	16.8	467	1.7555	16.8	104.944										
	1/17/2010 14:30:00	16.8	467.1	1.7555	16.8	104.944										
	1/17/2010 14:45:00	16.8	467.1	1.7547	16.8	104.943										
	1/17/2010 15:00:00	16.8	467	1.7547	16.8	104.943										
	1/17/2010 15:15:00	16.8	467.1	1.7547	16.8	104.943										
	1/17/2010 15:30:00	16.8	467.2	1.7537	16.8	104.942										
	1/17/2010 15:45:00	16.8	467.2	1.7544	16.8	104.943										
	1/17/2010 16:00:00	16.8	467.2	1.7537	16.8	104.942										
	1/17/2010 16:15:00	16.8	467.3	1.7526	16.8	104.941										
	1/17/2010 16:30:00	16.8	467.2	1.7533	16.8	104.942										
	1/17/2010 16:45:00	16.8	467.2	1.7522	16.8	104.941										
	1/17/2010 17:00:00	16.8	467.2	1.7515	16.8	104.940										
	1/17/2010 17:15:00	16.8	467.2	1.7512	16.8	104.940										
	1/17/2010 17:30:00	16.8	467.2	1.7506	16.9	104.939										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/17/2010 17:45:00	16.8	467.2	1.7505	16.8	104.939										
	1/17/2010 18:00:00	16.8	467.2	1.7497	16.8	104.938										
	1/17/2010 18:15:00	16.8	467.3	1.7494	16.8	104.938										
	1/17/2010 18:30:00	16.8	467.3	1.7488	16.9	104.937										
	1/17/2010 18:45:00	16.8	467.3	1.7483	16.8	104.937										
	1/17/2010 19:00:00	16.8	467.4	1.7476	16.8	104.936										
	1/17/2010 19:15:00	16.8	467.3	1.7472	16.8	104.936										
	1/17/2010 19:30:00	16.8	467.4	1.7467	16.9	104.935										
	1/17/2010 19:45:00	16.8	467.4	1.7465	16.8	104.935										
	1/17/2010 20:00:00	16.8	467.4	1.7455	16.8	104.934										
	1/17/2010 20:15:00	16.8	467.4	1.7455	16.8	104.934										
	1/17/2010 20:30:00	16.8	467.4	1.7452	16.9	104.934										
	1/17/2010 20:45:00	16.8	467.5	1.7444	16.8	104.933										
	1/17/2010 21:00:00	16.9	466.9	1.7437	16.8	104.932										
	1/17/2010 21:15:00	16.8	467.5	1.7433	16.8	104.932										
	1/17/2010 21:30:00	16.8	467.4	1.7422	16.8	104.931										
	1/17/2010 21:45:00	16.8	467.5	1.7412	16.8	104.930										
	1/17/2010 22:00:00	16.8	467.6	1.7434	16.9	104.932										
	1/17/2010 22:15:00	16.8	467.6	1.7419	16.8	104.931										
	1/17/2010 22:30:00	16.8	467.6	1.7405	16.8	104.929										
	1/17/2010 22:45:00	16.9	467.1	1.7397	16.8	104.928										
	1/17/2010 23:00:00	16.8	467.6	1.739	16.8	104.928										
	1/17/2010 23:15:00	16.8	467.6	1.739	16.8	104.928										
	1/17/2010 23:30:00	16.8	467.7	1.7387	16.8	104.927										
	1/17/2010 23:45:00	16.8	467.6	1.7376	16.8	104.926										
	1/18/2010 0:00:00	16.8	467.7	1.7377	16.9	104.926										
	1/18/2010 0:15:00	16.8	467.7	1.7369	16.8	104.926										
	1/18/2010 0:30:00	16.8	467.7	1.7369	16.8	104.926										
	1/18/2010 0:45:00	16.8	467.7	1.7365	16.8	104.925										
	1/18/2010 1:00:00	16.8	467.6	1.7356	16.9	104.924										
	1/18/2010 1:15:00	16.8	467.8	1.7362	16.8	104.925										
	1/18/2010 1:30:00	16.8	467.7	1.7358	16.8	104.924										
	1/18/2010 1:45:00	16.8	467.8	1.734	16.8	104.923										
	1/18/2010 2:00:00	16.8	467.9	1.734	16.8	104.923										
	1/18/2010 2:15:00	16.8	467.9	1.734	16.8	104.923										
	1/18/2010 2:30:00	16.8	467.8	1.7333	16.8	104.922										
	1/18/2010 2:45:00	16.8	467.8	1.7333	16.8	104.922										
	1/18/2010 3:00:00	16.8	467.8	1.733	16.8	104.922										
	1/18/2010 3:15:00	16.8	467.8	1.7322	16.8	104.921										
	1/18/2010 3:30:00	16.8	468	1.7315	16.8	104.920										
	1/18/2010 3:45:00	16.9	467.5	1.7317	16.9	104.920										
	1/18/2010 4:00:00	16.8	468	1.7315	16.8	104.920										
	1/18/2010 4:15:00	16.8	467.9	1.7312	16.8	104.920										
	1/18/2010 4:30:00	16.8	468	1.7301	16.8	104.919										
	1/18/2010 4:45:00	16.8	468	1.7306	16.9	104.919										
	1/18/2010 5:00:00	16.8	468	1.7305	16.8	104.919										
	1/18/2010 5:15:00	16.8	468.1	1.7301	16.8	104.919										
	1/18/2010 5:30:00	16.8	468.1	1.7287	16.8	104.917										
	1/18/2010 5:45:00	16.8	468	1.7294	16.8	104.918										
	1/18/2010 6:00:00	16.8	468	1.729	16.8	104.918										
	1/18/2010 6:15:00	16.8	468	1.7294	16.8	104.918										
	1/18/2010 6:30:00	16.8	468	1.7283	16.8	104.917										
	1/18/2010 6:45:00	16.8	468.1	1.7283	16.8	104.917										
	1/18/2010 7:00:00	16.8	468	1.7281	16.9	104.917										
	1/18/2010 7:15:00	16.8	468	1.7276	16.8	104.916										
	1/18/2010 7:30:00	16.8	468.3	1.7276	16.8	104.916										
	1/18/2010 7:45:00	16.8	468.2	1.7265	16.8	104.915										
	1/18/2010 8:00:00	16.8	468.3	1.7265	16.8	104.915										
	1/18/2010 8:15:00	16.8	468.1	1.7262	16.8	104.915										
	1/18/2010 8:30:00	16.8	468.3	1.7263	16.9	104.915										
	1/18/2010 8:45:00	16.8	468.2	1.724	16.8	104.913										
	1/18/2010 9:00:00	16.8	468.2	1.7255	16.8	104.914										
	1/18/2010 9:15:00	16.8	468.2	1.7247	16.8	104.913										
	1/18/2010 9:30:00	16.8	468.2	1.7237	16.8	104.912										
	1/18/2010 9:45:00	16.8	468.2	1.7251	16.8	104.914										
	1/18/2010 10:00:00	16.8	468.3	1.7244	16.8	104.913										
	1/18/2010 10:15:00	16.8	468.3	1.7237	16.8	104.912										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/18/2010 10:30:00	16.8	468.4	1.7238	16.9	104.912										
	1/18/2010 10:45:00	16.8	468.3	1.7237	16.8	104.912										
	1/18/2010 11:00:00	16.8	468.3	1.723	16.8	104.912										
	1/18/2010 11:15:00	16.8	468.3	1.7231	16.9	104.912										
	1/18/2010 11:30:00	16.8	468.3	1.7231	16.9	104.912										
	1/18/2010 11:45:00	16.8	468.4	1.7219	16.8	104.911										
	1/18/2010 12:00:00	16.8	468.4	1.7219	16.8	104.911										
	1/18/2010 12:15:00	16.8	468.2	1.7212	16.8	104.910										
	1/18/2010 12:30:00	16.9	468	1.7209	16.9	104.910										
	1/18/2010 12:45:00	16.8	468.4	1.7205	16.8	104.909										
	1/18/2010 13:00:00	16.8	468.4	1.7201	16.8	104.909										
	1/18/2010 13:15:00	16.8	468.4	1.7194	16.8	104.908										
	1/18/2010 13:30:00	16.8	468.5	1.7194	16.8	104.908										
	1/18/2010 13:45:00	16.8	468.5	1.7194	16.8	104.908										
	1/18/2010 14:00:00	16.8	468.6	1.7183	16.8	104.907										
	1/18/2010 14:15:00	16.8	468.4	1.718	16.8	104.907										
	1/18/2010 14:30:00	16.8	468.4	1.7176	16.8	104.906										
	1/18/2010 14:45:00	16.8	468.4	1.7172	16.8	104.906										
	1/18/2010 15:00:00	16.8	468.6	1.7169	16.8	104.906										
	1/18/2010 15:15:00	16.8	468.4	1.7162	16.8	104.905										
	1/18/2010 15:30:00	16.8	468.5	1.7159	16.9	104.905										
	1/18/2010 15:45:00	16.8	468.5	1.7155	16.8	104.904										
	1/18/2010 16:00:00	16.8	468.4	1.7152	16.9	104.904										
	1/18/2010 16:15:00	16.8	468.5	1.7144	16.8	104.903										
	1/18/2010 16:30:00	16.8	468.5	1.714	16.8	104.903										
	1/18/2010 16:45:00	16.8	468.5	1.7134	16.9	104.902										
	1/18/2010 17:00:00	16.8	468.6	1.713	16.8	104.902										
	1/18/2010 17:15:00	16.8	468.6	1.7126	16.8	104.901										
	1/18/2010 17:30:00	16.8	469	1.713	16.8	104.902										
	1/18/2010 17:45:00	16.8	468.9	1.7122	16.8	104.901										
	1/18/2010 18:00:00	16.8	468.6	1.7115	16.8	104.900										
	1/18/2010 18:15:00	16.8	468.7	1.7112	16.8	104.900										
	1/18/2010 18:30:00	16.8	468.5	1.7105	16.8	104.899										
	1/18/2010 18:45:00	16.8	468.6	1.7105	16.8	104.899										
	1/18/2010 19:00:00	16.8	468.6	1.7102	16.9	104.899										
	1/18/2010 19:15:00	16.8	468.8	1.7101	16.8	104.899										
	1/18/2010 19:30:00	16.8	468.7	1.7094	16.8	104.898										
	1/18/2010 19:45:00	16.8	468.7	1.7087	16.8	104.897										
	1/18/2010 20:00:00	16.8	468.7	1.7087	16.8	104.897										
	1/18/2010 20:15:00	16.8	468.7	1.7087	16.8	104.897										
	1/18/2010 20:30:00	16.8	468.6	1.7083	16.8	104.897										
	1/18/2010 20:45:00	16.8	468.9	1.7077	16.9	104.896										
	1/18/2010 21:00:00	16.8	468.7	1.7074	16.9	104.896										
	1/18/2010 21:15:00	16.8	468.7	1.7072	16.8	104.896										
	1/18/2010 21:30:00	16.8	468.6	1.7058	16.8	104.894										
	1/18/2010 21:45:00	16.8	468.7	1.7055	16.8	104.894										
	1/18/2010 22:00:00	16.8	468.7	1.7056	16.9	104.894										
	1/18/2010 22:15:00	16.8	468.8	1.7058	16.8	104.894										
	1/18/2010 22:30:00	16.8	468.9	1.7055	16.8	104.894										
	1/18/2010 22:45:00	16.8	468.7	1.7044	16.8	104.893										
	1/18/2010 23:00:00	16.8	468.8	1.7045	16.9	104.893										
	1/18/2010 23:15:00	16.8	468.7	1.704	16.8	104.893										
	1/18/2010 23:30:00	16.8	468.7	1.7033	16.8	104.892										
	1/18/2010 23:45:00	16.8	468.8	1.703	16.8	104.892										
	1/19/2010 0:00:00	16.8	468.8	1.7027	16.9	104.891										
	1/19/2010 0:15:00	16.8	468.7	1.7019	16.8	104.891										
	1/19/2010 0:30:00	16.8	469	1.7015	16.8	104.890										
	1/19/2010 0:45:00	16.8	468.8	1.7012	16.8	104.890										
	1/19/2010 1:00:00	16.8	468.8	1.7006	16.9	104.889										
	1/19/2010 1:15:00	16.8	468.9	1.7001	16.8	104.889										
	1/19/2010 1:30:00	16.8	468.9	1.6994	16.8	104.888										
	1/19/2010 1:45:00	16.8	468.9	1.699	16.8	104.888										
	1/19/2010 2:00:00	16.8	468.9	1.6984	16.9	104.887										
	1/19/2010 2:15:00	16.8	468.9	1.6984	16.9	104.887										
	1/19/2010 2:30:00	16.8	468.8	1.6976	16.8	104.886										
	1/19/2010 2:45:00	16.8	468.8	1.6969	16.8	104.886										
	1/19/2010 3:00:00	16.8	468.9	1.6969	16.8	104.886										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/19/2010 3:15:00	16.8	468.8	1.6962	16.8	104.885
	1/19/2010 3:30:00	16.8	468.9	1.6955	16.8	104.884
	1/19/2010 3:45:00	16.8	468.9	1.6947	16.8	104.883
	1/19/2010 4:00:00	16.8	469	1.6944	16.8	104.883
	1/19/2010 4:15:00	16.8	468.9	1.6944	16.8	104.883
	1/19/2010 4:30:00	16.8	468.9	1.6942	16.9	104.883
	1/19/2010 4:45:00	16.8	468.9	1.6926	16.8	104.881
	1/19/2010 5:00:00	16.8	468.8	1.693	16.8	104.882
	1/19/2010 5:15:00	16.8	468.9	1.6924	16.9	104.881
	1/19/2010 5:30:00	16.8	469	1.6917	16.9	104.880
	1/19/2010 5:45:00	16.8	469	1.6912	16.8	104.880
	1/19/2010 6:00:00	16.8	468.8	1.6894	16.8	104.878
	1/19/2010 6:15:00	16.8	469	1.6901	16.8	104.879
	1/19/2010 6:30:00	16.8	469	1.6894	16.8	104.878
	1/19/2010 6:45:00	16.8	469.1	1.6887	16.8	104.877
	1/19/2010 7:00:00	16.8	469.3	1.6883	16.8	104.877
	1/19/2010 7:15:00	16.8	469.3	1.6876	16.8	104.876
	1/19/2010 7:30:00	16.8	469.3	1.6865	16.8	104.875
	1/19/2010 7:45:00	16.8	469.3	1.6865	16.8	104.875
	1/19/2010 8:00:00	16.8	469.2	1.6858	16.8	104.874
	1/19/2010 8:15:00	16.8	469.3	1.6852	16.9	104.874
	1/19/2010 8:30:00	16.8	469.4	1.6847	16.8	104.873
	1/19/2010 8:45:00	16.8	469.3	1.684	16.8	104.873
	1/19/2010 9:00:00	16.8	469.4	1.6837	16.8	104.872
	1/19/2010 9:15:00	16.8	469.5	1.6833	16.8	104.872
	1/19/2010 9:30:00	16.8	469.3	1.6826	16.8	104.871
	1/19/2010 9:45:00	16.8	469.4	1.6822	16.8	104.871
	1/19/2010 10:00:00	16.8	469.2	1.6815	16.8	104.870
	1/19/2010 10:15:00	16.8	469.3	1.6819	16.8	104.871
	1/19/2010 10:30:00	16.8	469.3	1.6813	16.9	104.870
	1/19/2010 10:45:00	16.8	469.5	1.6805	16.8	104.869
	1/19/2010 11:00:00	16.8	469.3	1.6801	16.8	104.869
	1/19/2010 11:15:00	16.8	469.2	1.6797	16.8	104.868
	1/19/2010 11:30:00	16.8	469.3	1.6788	16.9	104.867
	1/19/2010 11:45:00	16.8	469.2	1.6799	16.9	104.869
	1/19/2010 12:00:00	16.8	469.3	1.6787	16.8	104.867
	1/19/2010 12:15:00	16.8	469.2	1.6783	16.8	104.867
	1/19/2010 12:30:00	16.8	469.4	1.677	16.9	104.866
	1/19/2010 12:45:00	16.8	469.2	1.6772	16.8	104.866
	1/19/2010 13:00:00	16.8	469.4	1.6763	16.9	104.865
	1/19/2010 13:15:00	16.8	469.3	1.6759	16.9	104.865
	1/19/2010 13:30:00	16.8	469.4	1.6756	16.9	104.864
	1/19/2010 13:45:00	16.8	469.4	1.6756	16.9	104.864
	1/19/2010 14:00:00	16.8	469.4	1.6747	16.8	104.863
	1/19/2010 14:15:00	16.8	469.4	1.6737	16.8	104.862
	1/19/2010 14:30:00	16.8	469.4	1.6744	16.8	104.863
	1/19/2010 14:45:00	16.8	469.3	1.6731	16.9	104.862
	1/19/2010 15:00:00	16.8	469.3	1.6726	16.8	104.861
	1/19/2010 15:15:00	16.8	469.3	1.6719	16.8	104.861
	1/19/2010 15:30:00	16.8	469.3	1.6717	16.9	104.860
	1/19/2010 15:45:00	16.8	469.4	1.6719	16.8	104.861
	1/19/2010 16:00:00	16.8	469.3	1.6712	16.8	104.860
	1/19/2010 16:15:00	16.8	469.4	1.6705	16.8	104.859
	1/19/2010 16:30:00	16.8	469.4	1.6702	16.9	104.859
	1/19/2010 16:45:00	16.8	469.3	1.6699	16.9	104.859
	1/19/2010 17:00:00	16.8	469.4	1.6694	16.8	104.858
	1/19/2010 17:15:00	16.8	469.4	1.6695	16.9	104.858
	1/19/2010 17:30:00	16.8	469.3	1.6688	16.9	104.857
	1/19/2010 17:45:00	16.8	469.3	1.6683	16.8	104.857
	1/19/2010 18:00:00	16.8	469.4	1.6683	16.8	104.857
	1/19/2010 18:15:00	16.8	469.4	1.6676	16.8	104.856
	1/19/2010 18:30:00	16.8	469.4	1.6677	16.9	104.856
	1/19/2010 18:45:00	16.8	469.5	1.6672	16.8	104.856
	1/19/2010 19:00:00	16.8	469.4	1.6674	16.9	104.856
	1/19/2010 19:15:00	16.8	469.4	1.667	16.9	104.856
	1/19/2010 19:30:00	16.8	469.4	1.6667	16.9	104.855
	1/19/2010 19:45:00	16.8	469.4	1.6669	16.8	104.856

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/19/2010 20:00:00	16.8	469.5	1.6662	16.8	104.855
	1/19/2010 20:15:00	16.8	469.3	1.6662	16.8	104.855
	1/19/2010 20:30:00	16.8	469.5	1.6663	16.9	104.855
	1/19/2010 20:45:00	16.8	469.5	1.6662	16.8	104.855
	1/19/2010 21:00:00	16.8	469.4	1.6662	16.8	104.855
	1/19/2010 21:15:00	16.8	469.4	1.6651	16.8	104.854
	1/19/2010 21:30:00	16.8	469.4	1.6651	16.8	104.854
	1/19/2010 21:45:00	16.8	469.5	1.6655	16.8	104.854
	1/19/2010 22:00:00	16.8	469.4	1.6647	16.8	104.853
	1/19/2010 22:15:00	16.8	469.3	1.6652	16.9	104.854
	1/19/2010 22:30:00	16.8	469.5	1.6651	16.8	104.854
	1/19/2010 22:45:00	16.8	469.4	1.6655	16.8	104.854
	1/19/2010 23:00:00	16.8	469.5	1.6655	16.8	104.854
	1/19/2010 23:15:00	16.8	469.4	1.6658	16.8	104.854
	1/19/2010 23:30:00	16.8	469.5	1.6656	16.9	104.854
	1/19/2010 23:45:00	16.8	469.5	1.6652	16.9	104.854
	1/20/2010 0:00:00	16.8	469.4	1.6658	16.8	104.854
	1/20/2010 0:15:00	16.8	469.4	1.6655	16.8	104.854
	1/20/2010 0:30:00	16.8	469.4	1.6656	16.9	104.854
	1/20/2010 0:45:00	16.8	469.5	1.6655	16.8	104.854
	1/20/2010 1:00:00	16.8	469.4	1.6659	16.9	104.855
	1/20/2010 1:15:00	16.8	469.5	1.6658	16.8	104.854
	1/20/2010 1:30:00	16.8	469.5	1.6658	16.8	104.854
	1/20/2010 1:45:00	16.8	469.5	1.6659	16.9	104.855
	1/20/2010 2:00:00	16.8	469.4	1.6662	16.8	104.855
	1/20/2010 2:15:00	16.8	469.4	1.6659	16.9	104.855
	1/20/2010 2:30:00	16.8	469.5	1.6665	16.8	104.855
	1/20/2010 2:45:00	16.8	469.4	1.6665	16.8	104.855
	1/20/2010 3:00:00	16.8	469.4	1.6669	16.8	104.856
	1/20/2010 3:15:00	16.8	469.4	1.6672	16.8	104.856
	1/20/2010 3:30:00	16.8	469.3	1.6677	16.9	104.856
	1/20/2010 3:45:00	16.8	469.3	1.6677	16.9	104.856
	1/20/2010 4:00:00	16.9	468.7	1.6676	16.8	104.856
	1/20/2010 4:15:00	16.8	469.3	1.6681	16.9	104.857
	1/20/2010 4:30:00	16.8	469.3	1.6676	16.8	104.856
	1/20/2010 4:45:00	16.8	469.4	1.6684	16.9	104.857
	1/20/2010 5:00:00	16.8	469.4	1.6684	16.9	104.857
	1/20/2010 5:15:00	16.8	469.3	1.6683	16.8	104.857
	1/20/2010 5:30:00	16.9	468.7	1.668	16.8	104.857
	1/20/2010 5:45:00	16.8	469.3	1.6684	16.9	104.857
	1/20/2010 6:00:00	16.8	469.4	1.6683	16.8	104.857
	1/20/2010 6:15:00	16.8	469.2	1.6688	16.9	104.857
	1/20/2010 6:30:00	16.8	469.2	1.669	16.8	104.858
	1/20/2010 6:45:00	16.8	469.3	1.6692	16.9	104.858
	1/20/2010 7:00:00	16.8	469.2	1.669	16.8	104.858
	1/20/2010 7:15:00	16.8	469.2	1.669	16.8	104.858
	1/20/2010 7:30:00	16.8	469.1	1.6695	16.9	104.858
	1/20/2010 7:45:00	16.8	469.2	1.6694	16.8	104.858
	1/20/2010 8:00:00	16.8	469.2	1.6695	16.9	104.858
	1/20/2010 8:15:00	16.8	469.2	1.6697	16.8	104.858
	1/20/2010 8:30:00	16.8	469.3	1.6697	16.8	104.858
	1/20/2010 8:45:00	16.8	469.1	1.6694	16.8	104.858
	1/20/2010 9:00:00	16.8	469.2	1.669	16.8	104.858
	1/20/2010 9:15:00	16.8	469.2	1.6697	16.8	104.858
	1/20/2010 9:30:00	16.8	469.1	1.6697	16.8	104.858
	1/20/2010 9:45:00	16.8	469.2	1.669	16.8	104.858
	1/20/2010 10:00:00	16.8	469.1	1.6694	16.8	104.858
	1/20/2010 10:15:00	16.8	469	1.669	16.8	104.858
	1/20/2010 10:30:00	16.8	469.2	1.6694	16.8	104.858
	1/20/2010 10:45:00	16.8	469.1	1.669	16.8	104.858
	1/20/2010 11:00:00	16.8	469.1	1.6692	16.9	104.858
	1/20/2010 11:15:00	16.8	469.1	1.669	16.8	104.858
	1/20/2010 11:30:00	16.8	469.4	1.6688	16.9	104.857
	1/20/2010 11:45:00	16.8	469.1	1.6687	16.8	104.857
	1/20/2010 12:00:00	16.8	469.1	1.6683	16.8	104.857
	1/20/2010 12:15:00	16.8	469.2	1.6688	16.9	104.857
	1/20/2010 12:30:00	16.8	469.1	1.6684	16.9	104.857

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/20/2010 12:45:00	16.8	469	1.6676	16.8	104.856
	1/20/2010 13:00:00	16.8	469	1.6684	16.9	104.857
	1/20/2010 13:15:00	16.8	469.2	1.6672	16.8	104.856
	1/20/2010 13:30:00	16.9	468.5	1.6672	16.8	104.856
	1/20/2010 13:45:00	16.8	469	1.6672	16.8	104.856
	1/20/2010 14:00:00	16.8	468.9	1.6672	16.8	104.856
	1/20/2010 14:15:00	16.8	469	1.6665	16.8	104.855
	1/20/2010 14:30:00	16.8	469.1	1.6667	16.9	104.855
	1/20/2010 14:45:00	16.8	469	1.6662	16.8	104.855
	1/20/2010 15:00:00	16.8	469	1.6667	16.9	104.855
	1/20/2010 15:15:00	16.8	469	1.6659	16.9	104.855
	1/20/2010 15:30:00	16.8	469	1.6659	16.9	104.855
	1/20/2010 15:45:00	16.8	469	1.6659	16.9	104.855
	1/20/2010 16:00:00	16.8	469.1	1.6658	16.8	104.854
	1/20/2010 16:15:00	16.8	468.9	1.6655	16.8	104.854
	1/20/2010 16:30:00	16.8	468.9	1.6658	16.8	104.854
	1/20/2010 16:45:00	16.8	469	1.6645	16.9	104.853
	1/20/2010 17:00:00	16.8	469.1	1.6644	16.8	104.853
	1/20/2010 17:15:00	16.8	469.1	1.6655	16.8	104.854
	1/20/2010 17:30:00	16.8	469	1.6647	16.8	104.853
	1/20/2010 17:45:00	16.8	468.9	1.6644	16.8	104.853
	1/20/2010 18:00:00	16.8	469	1.6649	16.9	104.854
	1/20/2010 18:15:00	16.8	468.9	1.6647	16.8	104.853
	1/20/2010 18:30:00	16.8	468.9	1.664	16.8	104.853
	1/20/2010 18:45:00	16.8	469	1.664	16.8	104.853
	1/20/2010 19:00:00	16.8	468.9	1.6637	16.8	104.852
	1/20/2010 19:15:00	16.8	468.9	1.664	16.8	104.853
	1/20/2010 19:30:00	16.8	468.9	1.6644	16.8	104.853
	1/20/2010 19:45:00	16.8	469	1.6645	16.9	104.853
	1/20/2010 20:00:00	16.8	469	1.6642	16.9	104.853
	1/20/2010 20:15:00	16.8	468.9	1.664	16.8	104.853
	1/20/2010 20:30:00	16.8	468.9	1.6638	16.9	104.852
	1/20/2010 20:45:00	16.8	468.9	1.664	16.8	104.853
	1/20/2010 21:00:00	16.8	468.9	1.6633	16.8	104.852
	1/20/2010 21:15:00	16.8	468.9	1.6634	16.9	104.852
	1/20/2010 21:30:00	16.8	469	1.6633	16.8	104.852
	1/20/2010 21:45:00	16.8	469	1.6633	16.8	104.852
	1/20/2010 22:00:00	16.8	469.1	1.6634	16.9	104.852
	1/20/2010 22:15:00	16.8	468.9	1.6631	16.9	104.852
	1/20/2010 22:30:00	16.8	469.2	1.6631	16.9	104.852
	1/20/2010 22:45:00	16.8	468.9	1.663	16.8	104.852
	1/20/2010 23:00:00	16.8	468.9	1.6633	16.8	104.852
	1/20/2010 23:15:00	16.8	468.8	1.6633	16.8	104.852
	1/20/2010 23:30:00	16.8	468.9	1.663	16.8	104.852
	1/20/2010 23:45:00	16.8	468.8	1.663	16.8	104.852
	1/21/2010 0:00:00	16.8	468.9	1.663	16.8	104.852
	1/21/2010 0:15:00	16.8	468.8	1.6626	16.8	104.851
	1/21/2010 0:30:00	16.8	468.9	1.6622	16.8	104.851
	1/21/2010 0:45:00	16.8	468.9	1.6626	16.8	104.851
	1/21/2010 1:00:00	16.8	468.8	1.6627	16.9	104.851
	1/21/2010 1:15:00	16.8	468.8	1.6622	16.8	104.851
	1/21/2010 1:30:00	16.8	468.9	1.6627	16.9	104.851
	1/21/2010 1:45:00	16.8	468.8	1.6627	16.9	104.851
	1/21/2010 2:00:00	16.8	468.8	1.6624	16.9	104.851
	1/21/2010 2:15:00	16.8	468.8	1.6626	16.8	104.851
	1/21/2010 2:30:00	16.8	468.8	1.6624	16.9	104.851
	1/21/2010 2:45:00	16.8	468.9	1.6627	16.9	104.851
	1/21/2010 3:00:00	16.8	468.7	1.6633	16.8	104.852
	1/21/2010 3:15:00	16.8	468.8	1.663	16.8	104.852
	1/21/2010 3:30:00	16.8	468.8	1.663	16.8	104.852
	1/21/2010 3:45:00	16.8	468.7	1.6633	16.8	104.852
	1/21/2010 4:00:00	16.8	468.8	1.663	16.8	104.852
	1/21/2010 4:15:00	16.8	468.7	1.6627	16.9	104.851
	1/21/2010 4:30:00	16.8	468.9	1.663	16.8	104.852
	1/21/2010 4:45:00	16.8	468.7	1.6633	16.8	104.852
	1/21/2010 5:00:00	16.8	468.8	1.6633	16.8	104.852
	1/21/2010 5:15:00	16.8	468.7	1.663	16.8	104.852

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/21/2010 5:30:00	16.8	468.7	1.6633	16.8	104.852
	1/21/2010 5:45:00	16.8	468.7	1.6633	16.8	104.852
	1/21/2010 6:00:00	16.8	468.5	1.6637	16.8	104.852
	1/21/2010 6:15:00	16.8	468.5	1.6633	16.8	104.852
	1/21/2010 6:30:00	16.8	468.6	1.6633	16.8	104.852
	1/21/2010 6:45:00	16.8	468.7	1.6633	16.8	104.852
	1/21/2010 7:00:00	16.8	468.6	1.6638	16.9	104.852
	1/21/2010 7:15:00	16.8	468.6	1.6638	16.9	104.852
	1/21/2010 7:30:00	16.8	468.5	1.6633	16.8	104.852
	1/21/2010 7:45:00	16.8	468.6	1.6637	16.8	104.852
	1/21/2010 8:00:00	16.8	468.7	1.6638	16.9	104.852
	1/21/2010 8:15:00	16.8	468.6	1.6637	16.8	104.852
	1/21/2010 8:30:00	16.8	468.5	1.6638	16.9	104.852
	1/21/2010 8:45:00	16.8	468.5	1.6637	16.8	104.852
	1/21/2010 9:00:00	16.8	468.5	1.6633	16.8	104.852
	1/21/2010 9:15:00	16.8	468.8	1.663	16.8	104.852
	1/21/2010 9:30:00	16.8	468.5	1.6633	16.8	104.852
	1/21/2010 9:45:00	16.8	468.5	1.6631	16.9	104.852
	1/21/2010 10:00:00	16.8	468.5	1.6634	16.9	104.852
	1/21/2010 10:15:00	16.8	468.4	1.663	16.8	104.852
	1/21/2010 10:30:00	16.8	468.5	1.6638	16.9	104.852
	1/21/2010 10:45:00	16.8	468.5	1.663	16.8	104.852
	1/21/2010 11:00:00	16.8	468.4	1.6631	16.9	104.852
	1/21/2010 11:15:00	16.8	468.4	1.663	16.8	104.852
	1/21/2010 11:30:00	16.8	468.4	1.6626	16.8	104.851
	1/21/2010 11:45:00	16.8	468.4	1.6626	16.8	104.851
	1/21/2010 12:00:00	16.8	468.4	1.6626	16.8	104.851
	1/21/2010 12:15:00	16.8	468.4	1.6626	16.8	104.851
	1/21/2010 12:30:00	16.8	468.4	1.6624	16.9	104.851
	1/21/2010 12:45:00	16.8	468.4	1.6619	16.8	104.851
	1/21/2010 13:00:00	16.8	468.3	1.6619	16.8	104.851
	1/21/2010 13:15:00	16.8	468.4	1.6615	16.8	104.850
	1/21/2010 13:30:00	16.8	468.3	1.6613	16.9	104.850
	1/21/2010 13:45:00	16.8	468.4	1.6608	16.8	104.849
	1/21/2010 14:00:00	16.8	468.4	1.6608	16.8	104.849
	1/21/2010 14:15:00	16.8	468.4	1.6605	16.8	104.849
	1/21/2010 14:30:00	16.8	468.4	1.6608	16.8	104.849
	1/21/2010 14:45:00	16.8	468.4	1.6605	16.8	104.849
	1/21/2010 15:00:00	16.8	468.3	1.6601	16.8	104.849
	1/21/2010 15:15:00	16.8	468.2	1.6601	16.8	104.849
	1/21/2010 15:30:00	16.8	468.4	1.6602	16.9	104.849
	1/21/2010 15:45:00	16.8	468.3	1.6601	16.8	104.849
	1/21/2010 16:00:00	16.8	468.3	1.6599	16.9	104.849
	1/21/2010 16:15:00	16.8	468.3	1.6597	16.8	104.848
	1/21/2010 16:30:00	16.8	468.3	1.6594	16.8	104.848
	1/21/2010 16:45:00	16.8	468.2	1.6595	16.9	104.848
	1/21/2010 17:00:00	16.8	468.3	1.6587	16.8	104.847
	1/21/2010 17:15:00	16.8	468.3	1.659	16.8	104.848
	1/21/2010 17:30:00	16.8	468.3	1.6587	16.8	104.847
	1/21/2010 17:45:00	16.8	468.2	1.6583	16.8	104.847
	1/21/2010 18:00:00	16.9	467.5	1.6587	16.8	104.847
	1/21/2010 18:15:00	16.8	468.2	1.6584	16.9	104.847
	1/21/2010 18:30:00	16.8	468.2	1.658	16.8	104.847
	1/21/2010 18:45:00	16.8	468.3	1.6581	16.9	104.847
	1/21/2010 19:00:00	16.8	468.2	1.658	16.8	104.847
	1/21/2010 19:15:00	16.8	468.2	1.6581	16.9	104.847
	1/21/2010 19:30:00	16.8	468.2	1.6576	16.8	104.846
	1/21/2010 19:45:00	16.8	468.2	1.6572	16.8	104.846
	1/21/2010 20:00:00	16.8	468.2	1.6572	16.8	104.846
	1/21/2010 20:15:00	16.8	468.1	1.6572	16.8	104.846
	1/21/2010 20:30:00	16.8	468.1	1.6569	16.8	104.846
	1/21/2010 20:45:00	16.8	468.2	1.6565	16.8	104.845
	1/21/2010 21:00:00	16.8	468.2	1.6569	16.8	104.846
	1/21/2010 21:15:00	16.8	468.1	1.6565	16.8	104.845
	1/21/2010 21:30:00	16.8	468.2	1.6562	16.8	104.845
	1/21/2010 21:45:00	16.8	468	1.6559	16.9	104.845
	1/21/2010 22:00:00	16.8	468	1.6559	16.9	104.845

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/21/2010 22:15:00	16.9	467.8	1.6555	16.8	104.844										
	1/21/2010 22:30:00	16.8	468.1	1.6555	16.8	104.844										
	1/21/2010 22:45:00	16.8	468.1	1.6555	16.8	104.844										
	1/21/2010 23:00:00	16.8	467.9	1.6552	16.9	104.844										
	1/21/2010 23:15:00	16.8	468	1.6545	16.9	104.843										
	1/21/2010 23:30:00	16.8	468	1.6544	16.8	104.843										
	1/21/2010 23:45:00	16.8	468	1.6545	16.9	104.843										
	1/22/2010 0:00:00	16.8	468	1.654	16.8	104.843										
	1/22/2010 0:15:00	16.8	467.9	1.6544	16.8	104.843										
	1/22/2010 0:30:00	16.8	467.9	1.654	16.8	104.843										
	1/22/2010 0:45:00	16.8	467.9	1.6533	16.8	104.842										
	1/22/2010 1:00:00	16.8	468	1.6544	16.8	104.843										
	1/22/2010 1:15:00	16.8	467.9	1.654	16.8	104.843										
	1/22/2010 1:30:00	16.8	467.9	1.6542	16.9	104.843										
	1/22/2010 1:45:00	16.8	467.9	1.654	16.8	104.843										
	1/22/2010 2:00:00	16.8	468	1.6549	16.9	104.844										
	1/22/2010 2:15:00	16.8	467.9	1.6547	16.8	104.843										
	1/22/2010 2:30:00	16.8	467.9	1.6551	16.8	104.844										
	1/22/2010 2:45:00	16.8	467.9	1.6558	16.8	104.844										
	1/22/2010 3:00:00	16.8	468.1	1.6562	16.8	104.845										
	1/22/2010 3:15:00	16.8	467.9	1.6565	16.8	104.845										
	1/22/2010 3:30:00	16.8	468	1.6569	16.8	104.846										
	1/22/2010 3:45:00	16.8	467.8	1.6581	16.9	104.847										
	1/22/2010 4:00:00	16.8	467.8	1.6574	16.9	104.846										
	1/22/2010 4:15:00	16.8	467.9	1.6581	16.9	104.847										
	1/22/2010 4:30:00	16.8	467.8	1.6583	16.8	104.847										
	1/22/2010 4:45:00	16.8	467.9	1.659	16.8	104.848										
	1/22/2010 5:00:00	16.8	467.7	1.659	16.8	104.848										
	1/22/2010 5:15:00	16.8	467.8	1.6597	16.8	104.848										
	1/22/2010 5:30:00	16.8	467.7	1.6605	16.8	104.849										
	1/22/2010 5:45:00	16.8	467.7	1.6602	16.9	104.849										
	1/22/2010 6:00:00	16.8	467.8	1.6608	16.8	104.849										
	1/22/2010 6:15:00	16.8	467.7	1.6615	16.8	104.850										
	1/22/2010 6:30:00	16.8	467.7	1.6615	16.8	104.850										
	1/22/2010 6:45:00	16.8	467.7	1.662	16.9	104.851										
	1/22/2010 7:00:00	16.8	467.7	1.6622	16.8	104.851										
	1/22/2010 7:15:00	16.8	467.6	1.6627	16.9	104.851										
	1/22/2010 7:30:00	16.8	467.7	1.6631	16.9	104.852										
	1/22/2010 7:45:00	16.8	467.7	1.663	16.8	104.852										
	1/22/2010 8:00:00	16.8	467.6	1.6631	16.9	104.852										
	1/22/2010 8:15:00	16.8	467.8	1.6633	16.8	104.852										
	1/22/2010 8:30:00	16.8	467.5	1.6634	16.9	104.852										
	1/22/2010 8:45:00	16.8	467.6	1.6631	16.9	104.852										
	1/22/2010 9:00:00	16.8	467.3	1.6631	16.9	104.852										
	1/22/2010 9:15:00	16.8	467.4	1.6637	16.8	104.852										
	1/22/2010 9:30:00	16.8	467.4	1.6634	16.9	104.852										
	1/22/2010 9:45:00	16.8	467.5	1.6634	16.9	104.852										
	1/22/2010 10:00:00	16.8	467.4	1.6633	16.8	104.852										
	1/22/2010 10:15:00	16.8	467.4	1.663	16.8	104.852										
	1/22/2010 10:30:00	16.8	467.4	1.6634	16.9	104.852										
	1/22/2010 10:45:00	16.8	467.4	1.663	16.8	104.852										
	1/22/2010 11:00:00	16.8	467.3	1.6633	16.8	104.852										
	1/22/2010 11:15:00	16.8	467.3	1.6626	16.8	104.851										
	1/22/2010 11:30:00	16.8	467.4	1.6622	16.8	104.851										
	1/22/2010 11:45:00	16.8	467.2	1.6626	16.8	104.851										
	1/22/2010 12:00:00	16.8	467.4	1.6622	16.8	104.851										
	1/22/2010 12:15:00	16.8	467.4	1.6622	16.8	104.851										
	1/22/2010 12:30:00	16.8	467.2	1.6619	16.8	104.851										
	1/22/2010 12:45:00	16.8	467.3	1.6615	16.8	104.850										
	1/22/2010 13:00:00	16.8	467.3	1.6613	16.9	104.850										
	1/22/2010 13:15:00	16.8	467.1	1.6612	16.8	104.850										
	1/22/2010 13:30:00	16.8	467.3	1.6608	16.8	104.849										
	1/22/2010 13:45:00	16.8	467.4	1.6605	16.8	104.849										
	1/22/2010 14:00:00	16.8	467.3	1.6601	16.8	104.849										
	1/22/2010 14:15:00	16.8	467.3	1.6601	16.8	104.849										
	1/22/2010 14:30:00	16.8	467.2	1.6594	16.8	104.848										
	1/22/2010 14:45:00	16.8	467.2	1.6594	16.8	104.848										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/22/2010 15:00:00	16.8	467.2	1.6594	16.8	104.848										
	1/22/2010 15:15:00	16.8	467.2	1.6595	16.9	104.848										
	1/22/2010 15:30:00	16.8	467.1	1.659	16.8	104.848										
	1/22/2010 15:45:00	16.8	467.1	1.659	16.8	104.848										
	1/22/2010 16:00:00	16.8	467.2	1.659	16.8	104.848										
	1/22/2010 16:15:00	16.8	467.3	1.6594	16.8	104.848										
	1/22/2010 16:30:00	16.8	467.2	1.659	16.8	104.848										
	1/22/2010 16:45:00	16.8	467.1	1.659	16.8	104.848										
	1/22/2010 17:00:00	16.8	467.2	1.6592	16.9	104.848										
	1/22/2010 17:15:00	16.8	467.2	1.659	16.8	104.848										
	1/22/2010 17:30:00	16.8	467.2	1.659	16.8	104.848										
	1/22/2010 17:45:00	16.8	467.2	1.6587	16.8	104.847										
	1/22/2010 18:00:00	16.8	467.2	1.6592	16.9	104.848										
	1/22/2010 18:15:00	16.8	467.2	1.6587	16.8	104.847										
	1/22/2010 18:30:00	16.8	467.3	1.6592	16.9	104.848										
	1/22/2010 18:45:00	16.8	467.1	1.659	16.8	104.848										
	1/22/2010 19:00:00	16.8	467.2	1.6592	16.9	104.848										
	1/22/2010 19:15:00	16.8	467.1	1.6595	16.9	104.848										
	1/22/2010 19:30:00	16.8	467.2	1.6594	16.8	104.848										
	1/22/2010 19:45:00	16.8	467.3	1.6594	16.8	104.848										
	1/22/2010 20:00:00	16.8	467.3	1.6595	16.9	104.848										
	1/22/2010 20:15:00	16.8	467.1	1.6594	16.8	104.848										
	1/22/2010 20:30:00	16.8	467.2	1.6599	16.9	104.849										
	1/22/2010 20:45:00	16.8	467.1	1.6597	16.8	104.848										
	1/22/2010 21:00:00	16.8	467.2	1.6595	16.9	104.848										
	1/22/2010 21:15:00	16.8	467.3	1.6599	16.9	104.849										
	1/22/2010 21:30:00	16.8	467.3	1.6597	16.8	104.848										
	1/22/2010 21:45:00	16.8	467.1	1.6597	16.8	104.848										
	1/22/2010 22:00:00	16.8	467.2	1.6597	16.8	104.848										
	1/22/2010 22:15:00	16.8	467.2	1.6597	16.8	104.848										
	1/22/2010 22:30:00	16.8	467.1	1.6597	16.8	104.848										
	1/22/2010 22:45:00	16.8	467.2	1.6597	16.8	104.848										
	1/22/2010 23:00:00	16.8	467.2	1.6606	16.9	104.849										
	1/22/2010 23:15:00	16.8	467.2	1.6597	16.8	104.848										
	1/22/2010 23:30:00	16.8	467.2	1.6601	16.8	104.849										
	1/22/2010 23:45:00	16.8	467.1	1.6597	16.8	104.848										
	1/23/2010 0:00:00	16.8	467.2	1.6605	16.8	104.849										
	1/23/2010 0:15:00	16.8	467.2	1.6608	16.8	104.849										
	1/23/2010 0:30:00	16.8	467.1	1.6608	16.8	104.849										
	1/23/2010 0:45:00	16.8	467	1.6613	16.9	104.850										
	1/23/2010 1:00:00	16.8	467	1.6617	16.9	104.850										
	1/23/2010 1:15:00	16.8	467.1	1.6619	16.8	104.851										
	1/23/2010 1:30:00	16.8	467	1.6622	16.8	104.851										
	1/23/2010 1:45:00	16.8	467.1	1.6627	16.9	104.851										
	1/23/2010 2:00:00	16.8	467.1	1.6631	16.9	104.852										
	1/23/2010 2:15:00	16.8	467.1	1.6638	16.9	104.852										
	1/23/2010 2:30:00	16.8	467	1.6645	16.9	104.853										
	1/23/2010 2:45:00	16.8	467.1	1.6647	16.8	104.853										
	1/23/2010 3:00:00	16.8	467.1	1.6655	16.8	104.854										
	1/23/2010 3:15:00	16.8	467.1	1.6662	16.8	104.855										
	1/23/2010 3:30:00	16.8	467	1.6667	16.9	104.855										
	1/23/2010 3:45:00	16.8	466.9	1.6676	16.8	104.856										
	1/23/2010 4:00:00	16.8	466.9	1.6683	16.8	104.857										
	1/23/2010 4:15:00	16.8	467	1.6694	16.8	104.858										
	1/23/2010 4:30:00	16.8	466.9	1.6695	16.9	104.858										
	1/23/2010 4:45:00	16.8	467	1.6705	16.8	104.859										
	1/23/2010 5:00:00	16.8	467	1.6713	16.9	104.860										
	1/23/2010 5:15:00	16.8	467	1.6715	16.8	104.860										
	1/23/2010 5:30:00	16.8	466.8	1.6722	16.8	104.861										
	1/23/2010 5:45:00	16.8	467	1.6726	16.8	104.861										
	1/23/2010 6:00:00	16.8	466.9	1.6734	16.9	104.862										
	1/23/2010 6:15:00	16.8	467	1.674	16.8	104.863										
	1/23/2010 6:30:00	16.8	467	1.6751	16.8	104.864										
	1/23/2010 6:45:00	16.8	467	1.6755	16.8	104.864										
	1/23/2010 7:00:00	16.8	466.8	1.6759	16.9	104.865										
	1/23/2010 7:15:00	16.8	467	1.6765	16.8	104.865										
	1/23/2010 7:30:00	16.8	466.8	1.6769	16.8	104.866										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/23/2010 7:45:00	16.8	466.9	1.6772	16.8	104.866										
	1/23/2010 8:00:00	16.8	466.9	1.678	16.8	104.867										
	1/23/2010 8:15:00	16.8	466.9	1.6783	16.8	104.867										
	1/23/2010 8:30:00	16.8	467	1.679	16.8	104.868										
	1/23/2010 8:45:00	16.9	466.5	1.6799	16.9	104.869										
	1/23/2010 9:00:00	16.8	467.1	1.6801	16.8	104.869										
	1/23/2010 9:15:00	16.8	466.8	1.6806	16.9	104.869										
	1/23/2010 9:30:00	16.8	466.9	1.6809	16.9	104.870										
	1/23/2010 9:45:00	16.8	466.7	1.6819	16.8	104.871										
	1/23/2010 10:00:00	16.8	467	1.6819	16.8	104.871										
	1/23/2010 10:15:00	16.8	466.8	1.6827	16.9	104.871										
	1/23/2010 10:30:00	16.8	466.7	1.6831	16.9	104.872										
	1/23/2010 10:45:00	16.8	466.7	1.6833	16.8	104.872										
	1/23/2010 11:00:00	16.8	466.5	1.6837	16.8	104.872										
	1/23/2010 11:15:00	16.9	466	1.6849	16.9	104.874										
	1/23/2010 11:30:00	16.8	466.6	1.6851	16.8	104.874										
	1/23/2010 11:45:00	16.8	466.6	1.6852	16.9	104.874										
	1/23/2010 12:00:00	16.8	466.7	1.6858	16.8	104.874										
	1/23/2010 12:15:00	16.8	466.5	1.6863	16.9	104.875										
	1/23/2010 12:30:00	16.8	466.6	1.6865	16.8	104.875										
	1/23/2010 12:45:00	16.8	466.6	1.687	16.9	104.876										
	1/23/2010 13:00:00	16.8	466.6	1.6872	16.8	104.876										
	1/23/2010 13:15:00	16.8	466.6	1.6877	16.9	104.876										
	1/23/2010 13:30:00	16.8	466.6	1.6876	16.8	104.876										
	1/23/2010 13:45:00	16.8	466.4	1.6881	16.9	104.877										
	1/23/2010 14:00:00	16.8	466.4	1.6883	16.8	104.877										
	1/23/2010 14:15:00	16.8	466.5	1.6887	16.8	104.877										
	1/23/2010 14:30:00	16.8	466.5	1.6892	16.9	104.878										
	1/23/2010 14:45:00	16.8	466.4	1.6894	16.8	104.878										
	1/23/2010 15:00:00	16.8	466.5	1.6895	16.9	104.878										
	1/23/2010 15:15:00	16.8	466.4	1.6897	16.8	104.878										
	1/23/2010 15:30:00	16.8	466.4	1.6901	16.8	104.879										
	1/23/2010 15:45:00	16.8	466.5	1.6902	16.9	104.879										
	1/23/2010 16:00:00	16.8	466.5	1.6905	16.8	104.879										
	1/23/2010 16:15:00	16.8	466.4	1.6912	16.8	104.880										
	1/23/2010 16:30:00	16.8	466.5	1.6909	16.9	104.880										
	1/23/2010 16:45:00	16.8	466.7	1.6913	16.9	104.880										
	1/23/2010 17:00:00	16.8	466.5	1.6915	16.8	104.880										
	1/23/2010 17:15:00	16.8	466.4	1.6915	16.8	104.880										
	1/23/2010 17:30:00	16.8	466.4	1.6915	16.8	104.880										
	1/23/2010 17:45:00	16.8	466.4	1.6922	16.8	104.881										
	1/23/2010 18:00:00	16.8	466.5	1.6919	16.8	104.881										
	1/23/2010 18:15:00	16.8	466.4	1.6922	16.8	104.881										
	1/23/2010 18:30:00	16.8	466.4	1.6927	16.9	104.881										
	1/23/2010 18:45:00	16.8	466.3	1.6931	16.9	104.882										
	1/23/2010 19:00:00	16.8	466.4	1.6931	16.9	104.882										
	1/23/2010 19:15:00	16.8	466.3	1.6926	16.8	104.881										
	1/23/2010 19:30:00	16.8	466.4	1.693	16.8	104.882										
	1/23/2010 19:45:00	16.8	466.4	1.693	16.8	104.882										
	1/23/2010 20:00:00	16.8	466.3	1.6933	16.8	104.882										
	1/23/2010 20:15:00	16.8	466.4	1.693	16.8	104.882										
	1/23/2010 20:30:00	16.8	466.3	1.6934	16.9	104.882										
	1/23/2010 20:45:00	16.8	466.3	1.6933	16.8	104.882										
	1/23/2010 21:00:00	16.8	466.3	1.6933	16.8	104.882										
	1/23/2010 21:15:00	16.8	466.3	1.6933	16.8	104.882										
	1/23/2010 21:30:00	16.8	466.4	1.693	16.8	104.882										
	1/23/2010 21:45:00	16.8	466.4	1.693	16.8	104.882										
	1/23/2010 22:00:00	16.8	466.3	1.6933	16.8	104.882										
	1/23/2010 22:15:00	16.8	466.4	1.6926	16.8	104.881										
	1/23/2010 22:30:00	16.8	466.2	1.6931	16.9	104.882										
	1/23/2010 22:45:00	16.8	466.3	1.6931	16.9	104.882										
	1/23/2010 23:00:00	16.9	465.7	1.6927	16.9	104.881										
	1/23/2010 23:15:00	16.9	466	1.6926	16.8	104.881										
	1/23/2010 23:30:00	16.8	466.3	1.6926	16.8	104.881										
	1/23/2010 23:45:00	16.8	466.2	1.6924	16.9	104.881										
	1/24/2010 0:00:00	16.8	466.3	1.6927	16.9	104.881										
	1/24/2010 0:15:00	16.8	466.2	1.6926	16.8	104.881										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/24/2010 0:30:00	16.8	466.3	1.693	16.8	104.882										
	1/24/2010 0:45:00	16.8	466.2	1.6926	16.8	104.881										
	1/24/2010 1:00:00	16.8	466.3	1.6927	16.9	104.881										
	1/24/2010 1:15:00	16.8	466.1	1.6927	16.9	104.881										
	1/24/2010 1:30:00	16.8	466.2	1.6926	16.8	104.881										
	1/24/2010 1:45:00	16.8	466.3	1.693	16.8	104.882										
	1/24/2010 2:00:00	16.8	466.3	1.693	16.8	104.882										
	1/24/2010 2:15:00	16.8	466.3	1.6922	16.8	104.881										
	1/24/2010 2:30:00	16.8	466.2	1.6926	16.8	104.881										
	1/24/2010 2:45:00	16.8	466.3	1.693	16.8	104.882										
	1/24/2010 3:00:00	16.8	466.3	1.6927	16.9	104.881										
	1/24/2010 3:15:00	16.8	466.3	1.6927	16.9	104.881										
	1/24/2010 3:30:00	16.8	466.3	1.6927	16.9	104.881										
	1/24/2010 3:45:00	16.8	466.2	1.6933	16.8	104.882										
	1/24/2010 4:00:00	16.8	466.4	1.6931	16.9	104.882										
	1/24/2010 4:15:00	16.8	466.3	1.6931	16.9	104.882										
	1/24/2010 4:30:00	16.8	466.3	1.6931	16.9	104.882										
	1/24/2010 4:45:00	16.8	466.3	1.6926	16.8	104.881										
	1/24/2010 5:00:00	16.8	466.3	1.6926	16.8	104.881										
	1/24/2010 5:15:00	16.8	466.2	1.6933	16.8	104.882										
	1/24/2010 5:30:00	16.8	466.3	1.6926	16.8	104.881										
	1/24/2010 5:45:00	16.8	466.3	1.6926	16.8	104.881										
	1/24/2010 6:00:00	16.8	466.3	1.6927	16.9	104.881										
	1/24/2010 6:15:00	16.8	466.2	1.6926	16.8	104.881										
	1/24/2010 6:30:00	16.8	466.1	1.6926	16.8	104.881										
	1/24/2010 6:45:00	16.8	466.3	1.6924	16.9	104.881										
	1/24/2010 7:00:00	16.8	466.1	1.6927	16.9	104.881										
	1/24/2010 7:15:00	16.8	466.2	1.6926	16.8	104.881										
	1/24/2010 7:30:00	16.8	466.2	1.6922	16.8	104.881										
	1/24/2010 7:45:00	16.8	466.3	1.6922	16.8	104.881										
	1/24/2010 8:00:00	16.8	466.3	1.6922	16.8	104.881										
	1/24/2010 8:15:00	16.8	466.3	1.6926	16.8	104.881										
	1/24/2010 8:30:00	16.8	466.1	1.6917	16.9	104.880										
	1/24/2010 8:45:00	16.8	466.3	1.6919	16.8	104.881										
	1/24/2010 9:00:00	16.8	466.1	1.6913	16.9	104.880										
	1/24/2010 9:15:00	16.8	466.1	1.6915	16.8	104.880										
	1/24/2010 9:30:00	16.8	466.1	1.6917	16.9	104.880										
	1/24/2010 9:45:00	16.8	466	1.6912	16.8	104.880										
	1/24/2010 10:00:00	16.8	466.1	1.6913	16.9	104.880										
	1/24/2010 10:15:00	16.8	466	1.6915	16.8	104.880										
	1/24/2010 10:30:00	16.8	466.1	1.6912	16.8	104.880										
	1/24/2010 10:45:00	16.8	466	1.6899	16.9	104.879										
	1/24/2010 11:00:00	16.8	466	1.6906	16.9	104.879										
	1/24/2010 11:15:00	16.8	466.2	1.6906	16.9	104.879										
	1/24/2010 11:30:00	16.8	466	1.6905	16.8	104.879										
	1/24/2010 11:45:00	16.8	466.1	1.6906	16.9	104.879										
	1/24/2010 12:00:00	16.8	465.9	1.6897	16.8	104.878										
	1/24/2010 12:15:00	16.8	465.9	1.6901	16.8	104.879										
	1/24/2010 12:30:00	16.8	465.9	1.6894	16.8	104.878										
	1/24/2010 12:45:00	16.8	465.8	1.6894	16.8	104.878										
	1/24/2010 13:00:00	16.8	466	1.6892	16.9	104.878										
	1/24/2010 13:15:00	16.8	465.8	1.6887	16.8	104.877										
	1/24/2010 13:30:00	16.8	466	1.6888	16.9	104.877										
	1/24/2010 13:45:00	16.8	466	1.688	16.8	104.877										
	1/24/2010 14:00:00	16.8	466	1.6881	16.9	104.877										
	1/24/2010 14:15:00	16.8	466	1.6872	16.8	104.876										
	1/24/2010 14:30:00	16.8	466	1.6874	16.9	104.876										
	1/24/2010 14:45:00	16.8	466	1.6874	16.9	104.876										
	1/24/2010 15:00:00	16.8	465.9	1.6869	16.8	104.876										
	1/24/2010 15:15:00	16.8	466	1.6865	16.8	104.875										
	1/24/2010 15:30:00	16.8	465.8	1.6862	16.8	104.875										
	1/24/2010 15:45:00	16.8	466	1.6858	16.8	104.874										
	1/24/2010 16:00:00	16.8	465.9	1.6855	16.8	104.874										
	1/24/2010 16:15:00	16.8	465.9	1.6849	16.9	104.874										
	1/24/2010 16:30:00	16.8	466	1.6849	16.9	104.874										
	1/24/2010 16:45:00	16.8	466	1.6845	16.9	104.873										
	1/24/2010 17:00:00	16.8	466	1.684	16.8	104.873										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/24/2010 17:15:00	16.8	465.9	1.6837	16.8	104.872										
	1/24/2010 17:30:00	16.8	465.9	1.6834	16.9	104.872										
	1/24/2010 17:45:00	16.8	465.9	1.6831	16.9	104.872										
	1/24/2010 18:00:00	16.8	465.9	1.6827	16.9	104.871										
	1/24/2010 18:15:00	16.8	466	1.6826	16.8	104.871										
	1/24/2010 18:30:00	16.8	465.8	1.6819	16.8	104.871										
	1/24/2010 18:45:00	16.8	466	1.6817	16.9	104.870										
	1/24/2010 19:00:00	16.8	465.9	1.6815	16.8	104.870										
	1/24/2010 19:15:00	16.8	465.8	1.6813	16.9	104.870										
	1/24/2010 19:30:00	16.8	465.8	1.6808	16.8	104.869										
	1/24/2010 19:45:00	16.8	465.8	1.6805	16.8	104.869										
	1/24/2010 20:00:00	16.8	465.8	1.6802	16.9	104.869										
	1/24/2010 20:15:00	16.8	465.9	1.6802	16.9	104.869										
	1/24/2010 20:30:00	16.8	466	1.6795	16.9	104.868										
	1/24/2010 20:45:00	16.8	465.8	1.6783	16.8	104.867										
	1/24/2010 21:00:00	16.8	465.8	1.6787	16.8	104.867										
	1/24/2010 21:15:00	16.8	465.8	1.6781	16.9	104.867										
	1/24/2010 21:30:00	16.8	465.9	1.6777	16.9	104.866										
	1/24/2010 21:45:00	16.8	465.8	1.6772	16.8	104.866										
	1/24/2010 22:00:00	16.8	465.8	1.677	16.9	104.866										
	1/24/2010 22:15:00	16.8	465.9	1.6769	16.8	104.866										
	1/24/2010 22:30:00	16.8	465.8	1.6763	16.9	104.865										
	1/24/2010 22:45:00	16.8	465.9	1.6765	16.8	104.865										
	1/24/2010 23:00:00	16.8	466	1.6756	16.9	104.864										
	1/24/2010 23:15:00	16.8	465.8	1.6751	16.8	104.864										
	1/24/2010 23:30:00	16.8	466	1.6745	16.9	104.863										
	1/24/2010 23:45:00	16.8	465.8	1.6745	16.9	104.863										
	1/25/2010 0:00:00	16.8	465.9	1.674	16.8	104.863										
	1/25/2010 0:15:00	16.8	465.9	1.6737	16.8	104.862										
	1/25/2010 0:30:00	16.8	466	1.673	16.8	104.862										
	1/25/2010 0:45:00	16.8	466	1.6726	16.8	104.861										
	1/25/2010 1:00:00	16.8	465.9	1.6727	16.9	104.861										
	1/25/2010 1:15:00	16.8	465.9	1.672	16.9	104.861										
	1/25/2010 1:30:00	16.8	465.9	1.672	16.9	104.861										
	1/25/2010 1:45:00	16.8	465.9	1.6708	16.8	104.859										
	1/25/2010 2:00:00	16.8	466	1.6706	16.9	104.859										
	1/25/2010 2:15:00	16.8	465.9	1.6699	16.9	104.859										
	1/25/2010 2:30:00	16.8	465.9	1.6702	16.9	104.859										
	1/25/2010 2:45:00	16.8	465.9	1.6697	16.8	104.858										
	1/25/2010 3:00:00	16.8	465.8	1.6692	16.9	104.858										
	1/25/2010 3:15:00	16.8	465.9	1.6674	16.9	104.856										
	1/25/2010 3:30:00	16.8	465.8	1.6687	16.8	104.857										
	1/25/2010 3:45:00	16.8	465.8	1.6677	16.9	104.856										
	1/25/2010 4:00:00	16.8	465.8	1.6669	16.8	104.856										
	1/25/2010 4:15:00	16.8	465.8	1.6667	16.9	104.855										
	1/25/2010 4:30:00	16.8	465.8	1.6667	16.9	104.855										
	1/25/2010 4:45:00	16.9	465.6	1.6655	16.8	104.854										
	1/25/2010 5:00:00	16.8	465.8	1.6651	16.8	104.854										
	1/25/2010 5:15:00	16.8	465.9	1.6644	16.8	104.853										
	1/25/2010 5:30:00	16.8	466	1.664	16.8	104.853										
	1/25/2010 5:45:00	16.8	465.8	1.6634	16.9	104.852										
	1/25/2010 6:00:00	16.8	465.8	1.663	16.8	104.852										
	1/25/2010 6:15:00	16.8	466	1.6624	16.9	104.851										
	1/25/2010 6:30:00	16.8	465.9	1.6615	16.8	104.850										
	1/25/2010 6:45:00	16.8	466	1.6609	16.9	104.850										
	1/25/2010 7:00:00	16.8	465.8	1.6609	16.9	104.850										
	1/25/2010 7:15:00	16.8	466	1.6597	16.8	104.848										
	1/25/2010 7:30:00	16.8	466	1.6594	16.8	104.848										
	1/25/2010 7:45:00	16.9	465.3	1.6587	16.8	104.847										
	1/25/2010 8:00:00	16.8	466	1.6584	16.9	104.847										
	1/25/2010 8:15:00	16.8	465.8	1.6581	16.9	104.847										
	1/25/2010 8:30:00	16.8	466	1.657	16.9	104.846										
	1/25/2010 8:45:00	16.8	466.1	1.6567	16.9	104.845										
	1/25/2010 9:00:00	16.8	465.9	1.6563	16.9	104.845										
	1/25/2010 9:15:00	16.8	465.9	1.6555	16.8	104.844										
	1/25/2010 9:30:00	16.8	465.8	1.6549	16.9	104.844										
	1/25/2010 9:45:00	16.8	466	1.6542	16.9	104.843										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/25/2010 10:00:00	16.9	465.8	1.6538	16.9	104.842
	1/25/2010 10:15:00	16.8	465.9	1.6527	16.9	104.841
	1/25/2010 10:30:00	16.8	465.9	1.652	16.9	104.841
	1/25/2010 10:45:00	16.8	466	1.6515	16.8	104.840
	1/25/2010 11:00:00	16.8	465.9	1.6513	16.9	104.840
	1/25/2010 11:15:00	16.8	466	1.6505	16.8	104.839
	1/25/2010 11:30:00	16.8	465.9	1.6499	16.9	104.839
	1/25/2010 11:45:00	16.8	466	1.6488	16.9	104.837
	1/25/2010 12:00:00	16.8	466	1.6477	16.9	104.836
	1/25/2010 12:15:00	16.8	465.9	1.6477	16.9	104.836
	1/25/2010 12:30:00	16.8	465.9	1.6477	16.9	104.836
	1/25/2010 12:45:00	16.8	466	1.6465	16.8	104.835
	1/25/2010 13:00:00	16.8	466	1.6456	16.9	104.834
	1/25/2010 13:15:00	16.8	466.1	1.6455	16.8	104.834
	1/25/2010 13:30:00	16.8	466	1.6452	16.9	104.834
	1/25/2010 13:45:00	16.8	466.1	1.644	16.8	104.833
	1/25/2010 14:00:00	16.8	466	1.6438	16.9	104.832
	1/25/2010 14:15:00	16.8	466.1	1.6426	16.8	104.831
	1/25/2010 14:30:00	16.8	466.1	1.6424	16.9	104.831
	1/25/2010 14:45:00	16.8	466.1	1.6422	16.8	104.831
	1/25/2010 15:00:00	16.8	466.1	1.6415	16.8	104.830
	1/25/2010 15:15:00	16.8	466	1.6417	16.9	104.830
	1/25/2010 15:30:00	16.8	466.1	1.6409	16.9	104.830
	1/25/2010 15:45:00	16.8	466.1	1.6413	16.9	104.830
	1/25/2010 16:00:00	16.8	466.1	1.6405	16.8	104.829
	1/25/2010 16:15:00	16.8	466.2	1.6412	16.8	104.830
	1/25/2010 16:30:00	16.8	466.1	1.6409	16.9	104.830
	1/25/2010 16:45:00	16.8	466.1	1.6408	16.8	104.829
	1/25/2010 17:00:00	16.8	466.1	1.6409	16.9	104.830
	1/25/2010 17:15:00	16.8	466.1	1.6413	16.9	104.830
	1/25/2010 17:30:00	16.8	466.1	1.642	16.9	104.831
	1/25/2010 17:45:00	16.8	466.1	1.6419	16.8	104.831
	1/25/2010 18:00:00	16.8	466.1	1.6426	16.8	104.831
	1/25/2010 18:15:00	16.8	466	1.6426	16.8	104.831
	1/25/2010 18:30:00	16.8	466	1.6433	16.8	104.832
	1/25/2010 18:45:00	16.8	466.1	1.6437	16.8	104.832
	1/25/2010 19:00:00	16.9	465.4	1.6445	16.9	104.833
	1/25/2010 19:15:00	16.8	466	1.6452	16.9	104.834
	1/25/2010 19:30:00	16.8	466	1.6456	16.9	104.834
	1/25/2010 19:45:00	16.8	465.9	1.6463	16.9	104.835
	1/25/2010 20:00:00	16.8	465.9	1.6467	16.9	104.835
	1/25/2010 20:15:00	16.8	466.1	1.6469	16.8	104.836
	1/25/2010 20:30:00	16.8	466.2	1.6476	16.8	104.836
	1/25/2010 20:45:00	16.8	466.2	1.6483	16.8	104.837
	1/25/2010 21:00:00	16.8	466	1.6492	16.9	104.838
	1/25/2010 21:15:00	16.8	466.1	1.6501	16.8	104.839
	1/25/2010 21:30:00	16.8	465.9	1.6509	16.9	104.840
	1/25/2010 21:45:00	16.8	465.9	1.6519	16.8	104.841
	1/25/2010 22:00:00	16.8	465.9	1.6527	16.9	104.841
	1/25/2010 22:15:00	16.8	465.8	1.6534	16.9	104.842
	1/25/2010 22:30:00	16.8	465.9	1.6538	16.9	104.842
	1/25/2010 22:45:00	16.8	465.9	1.6549	16.9	104.844
	1/25/2010 23:00:00	16.8	465.9	1.6556	16.9	104.844
	1/25/2010 23:15:00	16.8	465.9	1.657	16.9	104.846
	1/25/2010 23:30:00	16.8	465.8	1.658	16.8	104.847
	1/25/2010 23:45:00	16.8	465.8	1.6588	16.9	104.847
	1/26/2010 0:00:00	16.8	465.8	1.6599	16.9	104.849
	1/26/2010 0:15:00	16.8	465.8	1.6605	16.8	104.849
	1/26/2010 0:30:00	16.8	465.7	1.6624	16.9	104.851
	1/26/2010 0:45:00	16.8	465.7	1.663	16.8	104.852
	1/26/2010 1:00:00	16.8	465.9	1.6642	16.9	104.853
	1/26/2010 1:15:00	16.8	465.8	1.6651	16.8	104.854
	1/26/2010 1:30:00	16.8	465.7	1.6663	16.9	104.855
	1/26/2010 1:45:00	16.8	465.8	1.6676	16.8	104.856
	1/26/2010 2:00:00	16.8	465.7	1.6684	16.9	104.857
	1/26/2010 2:15:00	16.8	465.8	1.6697	16.8	104.858
	1/26/2010 2:30:00	16.8	465.7	1.6705	16.8	104.859

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/26/2010 2:45:00	16.8	465.7	1.672	16.9	104.861										
	1/26/2010 3:00:00	16.8	465.8	1.6731	16.9	104.862										
	1/26/2010 3:15:00	16.8	465.7	1.6742	16.9	104.863										
	1/26/2010 3:30:00	16.8	465.7	1.6752	16.9	104.864										
	1/26/2010 3:45:00	16.8	465.7	1.6763	16.9	104.865										
	1/26/2010 4:00:00	16.8	465.7	1.6772	16.8	104.866										
	1/26/2010 4:15:00	16.8	465.6	1.6784	16.9	104.867										
	1/26/2010 4:30:00	16.9	465.4	1.6797	16.8	104.868										
	1/26/2010 4:45:00	16.8	465.5	1.6806	16.9	104.869										
	1/26/2010 5:00:00	16.8	465.7	1.6817	16.9	104.870										
	1/26/2010 5:15:00	16.8	465.6	1.6822	16.8	104.871										
	1/26/2010 5:30:00	16.8	465.5	1.683	16.8	104.872										
	1/26/2010 5:45:00	16.8	465.5	1.6837	16.8	104.872										
	1/26/2010 6:00:00	16.8	465.5	1.6847	16.8	104.873										
	1/26/2010 6:15:00	16.8	465.5	1.6858	16.8	104.874										
	1/26/2010 6:30:00	16.8	465.4	1.6867	16.9	104.875										
	1/26/2010 6:45:00	16.8	465.4	1.687	16.9	104.876										
	1/26/2010 7:00:00	16.8	465.4	1.6872	16.8	104.876										
	1/26/2010 7:15:00	16.9	465.2	1.6881	16.9	104.877										
	1/26/2010 7:30:00	16.8	465.3	1.6884	16.9	104.877										
	1/26/2010 7:45:00	16.8	465.3	1.689	16.8	104.878										
	1/26/2010 8:00:00	16.8	465.3	1.6895	16.9	104.878										
	1/26/2010 8:15:00	16.8	465.2	1.6906	16.9	104.879										
	1/26/2010 8:30:00	16.8	465.3	1.6905	16.8	104.879										
	1/26/2010 8:45:00	16.8	465.2	1.6906	16.9	104.879										
	1/26/2010 9:00:00	16.8	465.2	1.6913	16.9	104.880										
	1/26/2010 9:15:00	16.8	465.2	1.6917	16.9	104.880										
	1/26/2010 9:30:00	16.8	465.1	1.6924	16.9	104.881										
	1/26/2010 9:45:00	16.8	465.1	1.6922	16.8	104.881										
	1/26/2010 10:00:00	16.8	465	1.6927	16.9	104.881										
	1/26/2010 10:15:00	16.8	465.2	1.6931	16.9	104.882										
	1/26/2010 10:30:00	16.8	465	1.6938	16.9	104.882										
	1/26/2010 10:45:00	16.8	465	1.6942	16.9	104.883										
	1/26/2010 11:00:00	16.8	464.9	1.694	16.8	104.883										
	1/26/2010 11:15:00	16.8	465	1.6944	16.8	104.883										
	1/26/2010 11:30:00	16.8	464.9	1.6949	16.9	104.884										
	1/26/2010 11:45:00	16.8	464.8	1.6944	16.8	104.883										
	1/26/2010 12:00:00	16.8	464.9	1.6952	16.9	104.884										
	1/26/2010 12:15:00	16.8	464.9	1.6951	16.8	104.884										
	1/26/2010 12:30:00	16.8	464.8	1.6955	16.8	104.884										
	1/26/2010 12:45:00	16.8	464.9	1.6952	16.9	104.884										
	1/26/2010 13:00:00	16.8	464.7	1.6959	16.9	104.885										
	1/26/2010 13:15:00	16.8	464.8	1.6958	16.8	104.884										
	1/26/2010 13:30:00	16.8	464.7	1.6963	16.9	104.885										
	1/26/2010 13:45:00	16.8	464.7	1.6959	16.9	104.885										
	1/26/2010 14:00:00	16.8	464.8	1.6962	16.8	104.885										
	1/26/2010 14:15:00	16.8	464.8	1.6965	16.8	104.885										
	1/26/2010 14:30:00	16.8	464.7	1.697	16.9	104.886										
	1/26/2010 14:45:00	16.8	464.7	1.6967	16.9	104.885										
	1/26/2010 15:00:00	16.8	464.6	1.6969	16.8	104.886										
	1/26/2010 15:15:00	16.8	464.6	1.6974	16.9	104.886										
	1/26/2010 15:30:00	16.8	464.6	1.6977	16.9	104.886										
	1/26/2010 15:45:00	16.8	464.6	1.6976	16.8	104.886										
	1/26/2010 16:00:00	16.8	464.7	1.6981	16.9	104.887										
	1/26/2010 16:15:00	16.8	464.5	1.6981	16.9	104.887										
	1/26/2010 16:30:00	16.8	464.7	1.6981	16.9	104.887										
	1/26/2010 16:45:00	16.8	464.6	1.6984	16.9	104.887										
	1/26/2010 17:00:00	16.8	464.5	1.6992	16.9	104.888										
	1/26/2010 17:15:00	16.8	464.5	1.6992	16.9	104.888										
	1/26/2010 17:30:00	16.8	464.5	1.6992	16.9	104.888										
	1/26/2010 17:45:00	16.8	464.5	1.6995	16.9	104.888										
	1/26/2010 18:00:00	16.8	464.6	1.6999	16.9	104.889										
	1/26/2010 18:15:00	16.8	464.5	1.6999	16.9	104.889										
	1/26/2010 18:30:00	16.8	464.4	1.6999	16.9	104.889										
	1/26/2010 18:45:00	16.8	464.6	1.7002	16.9	104.889										
	1/26/2010 19:00:00	16.8	464.4	1.7006	16.9	104.889										
	1/26/2010 19:15:00	16.8	464.4	1.7009	16.9	104.890										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/26/2010 19:30:00	16.8	464.4	1.7009	16.9	104.890
	1/26/2010 19:45:00	16.8	464.3	1.7008	16.8	104.889
	1/26/2010 20:00:00	16.8	464.4	1.7008	16.8	104.889
	1/26/2010 20:15:00	16.8	464.3	1.7013	16.9	104.890
	1/26/2010 20:30:00	16.8	464.5	1.7013	16.9	104.890
	1/26/2010 20:45:00	16.8	464.4	1.7012	16.8	104.890
	1/26/2010 21:00:00	16.8	464.3	1.7017	16.9	104.890
	1/26/2010 21:15:00	16.8	464.3	1.7017	16.9	104.890
	1/26/2010 21:30:00	16.8	464.4	1.702	16.9	104.891
	1/26/2010 21:45:00	16.8	464.4	1.7017	16.9	104.890
	1/26/2010 22:00:00	16.8	464.4	1.7019	16.8	104.891
	1/26/2010 22:15:00	16.8	464.4	1.702	16.9	104.891
	1/26/2010 22:30:00	16.8	464.3	1.7017	16.9	104.890
	1/26/2010 22:45:00	16.8	464.3	1.7013	16.9	104.890
	1/26/2010 23:00:00	16.8	464.2	1.7008	16.8	104.889
	1/26/2010 23:15:00	16.8	464.2	1.7012	16.8	104.890
	1/26/2010 23:30:00	16.8	464.3	1.7017	16.9	104.890
	1/26/2010 23:45:00	16.8	464.2	1.7015	16.8	104.890
	1/27/2010 0:00:00	16.8	464.2	1.7017	16.9	104.890
	1/27/2010 0:15:00	16.8	464.2	1.7013	16.9	104.890
	1/27/2010 0:30:00	16.8	464.2	1.7017	16.9	104.890
	1/27/2010 0:45:00	16.8	464.2	1.7006	16.9	104.889
	1/27/2010 1:00:00	16.8	464.1	1.7009	16.9	104.890
	1/27/2010 1:15:00	16.8	464.2	1.7009	16.9	104.890
	1/27/2010 1:30:00	16.8	464.2	1.7012	16.8	104.890
	1/27/2010 1:45:00	16.8	464.2	1.7013	16.9	104.890
	1/27/2010 2:00:00	16.8	464.2	1.7017	16.9	104.890
	1/27/2010 2:15:00	16.8	464.1	1.7015	16.8	104.890
	1/27/2010 2:30:00	16.8	464.1	1.7019	16.8	104.891
	1/27/2010 2:45:00	16.8	464.2	1.702	16.9	104.891
	1/27/2010 3:00:00	16.8	464.2	1.7019	16.8	104.891
	1/27/2010 3:15:00	16.8	464.1	1.702	16.9	104.891
	1/27/2010 3:30:00	16.8	464.1	1.7019	16.8	104.891
	1/27/2010 3:45:00	16.8	464.1	1.7022	16.8	104.891
	1/27/2010 4:00:00	16.8	464.1	1.7019	16.8	104.891
	1/27/2010 4:15:00	16.8	464.1	1.7026	16.8	104.891
	1/27/2010 4:30:00	16.8	464.1	1.7027	16.9	104.891
	1/27/2010 4:45:00	16.8	464.1	1.7026	16.8	104.891
	1/27/2010 5:00:00	16.8	464.2	1.7034	16.9	104.892
	1/27/2010 5:15:00	16.8	464.1	1.7033	16.8	104.892
	1/27/2010 5:30:00	16.8	464.2	1.7033	16.8	104.892
	1/27/2010 5:45:00	16.8	464.1	1.7038	16.9	104.892
	1/27/2010 6:00:00	16.8	464.1	1.7038	16.9	104.892
	1/27/2010 6:15:00	16.8	464	1.7042	16.9	104.893
	1/27/2010 6:30:00	16.8	464	1.7045	16.9	104.893
	1/27/2010 6:45:00	16.8	464.1	1.7042	16.9	104.893
	1/27/2010 7:00:00	16.8	464.1	1.7042	16.9	104.893
	1/27/2010 7:15:00	16.8	464	1.7045	16.9	104.893
	1/27/2010 7:30:00	16.8	464.1	1.7045	16.9	104.893
	1/27/2010 7:45:00	16.8	464	1.7044	16.8	104.893
	1/27/2010 8:00:00	16.8	464.1	1.7049	16.9	104.894
	1/27/2010 8:15:00	16.8	464	1.7051	16.8	104.894
	1/27/2010 8:30:00	16.8	464	1.7052	16.9	104.894
	1/27/2010 8:45:00	16.8	464.1	1.7052	16.9	104.894
	1/27/2010 9:00:00	16.8	464	1.7049	16.9	104.894
	1/27/2010 9:15:00	16.8	464	1.7047	16.8	104.893
	1/27/2010 9:30:00	16.8	464	1.7045	16.9	104.893
	1/27/2010 9:45:00	16.8	463.9	1.7042	16.9	104.893
	1/27/2010 10:00:00	16.8	464	1.7044	16.8	104.893
	1/27/2010 10:15:00	16.8	464.8	1.7038	16.9	104.892
	1/27/2010 10:30:00	16.8	464	1.7042	16.9	104.893
	1/27/2010 10:45:00	16.8	464	1.7044	16.8	104.893
	1/27/2010 11:00:00	16.8	464	1.7042	16.9	104.893
	1/27/2010 11:15:00	16.8	464	1.7038	16.9	104.892
	1/27/2010 11:30:00	16.8	463.9	1.7034	16.9	104.892
	1/27/2010 11:45:00	16.8	463.8	1.7033	16.8	104.892
	1/27/2010 12:00:00	16.8	463.8	1.7034	16.9	104.892

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/27/2010 12:15:00	16.8	463.8	1.7033	16.8	104.892										
	1/27/2010 12:30:00	16.8	463.8	1.7026	16.8	104.891										
	1/27/2010 12:45:00	16.8	463.9	1.7019	16.8	104.891										
	1/27/2010 13:00:00	16.8	463.9	1.7019	16.8	104.891										
	1/27/2010 13:15:00	16.8	463.8	1.7013	16.9	104.890										
	1/27/2010 13:30:00	16.8	463.8	1.7008	16.8	104.889										
	1/27/2010 13:45:00	16.8	463.8	1.7008	16.8	104.889										
	1/27/2010 14:00:00	16.8	463.8	1.7002	16.9	104.889										
	1/27/2010 14:15:00	16.8	463.8	1.7002	16.9	104.889										
	1/27/2010 14:30:00	16.8	463.8	1.7002	16.9	104.889										
	1/27/2010 14:45:00	16.8	463.8	1.6997	16.8	104.888										
	1/27/2010 15:00:00	16.8	463.9	1.6999	16.9	104.889										
	1/27/2010 15:15:00	16.8	463.7	1.6994	16.8	104.888										
	1/27/2010 15:30:00	16.8	463.6	1.6995	16.9	104.888										
	1/27/2010 15:45:00	16.8	463.8	1.6987	16.8	104.887										
	1/27/2010 16:00:00	16.8	463.7	1.6988	16.9	104.887										
	1/27/2010 16:15:00	16.8	463.8	1.6987	16.8	104.887										
	1/27/2010 16:30:00	16.8	463.7	1.6984	16.9	104.887										
	1/27/2010 16:45:00	16.8	463.8	1.6981	16.9	104.887										
	1/27/2010 17:00:00	16.8	463.7	1.6984	16.9	104.887										
	1/27/2010 17:15:00	16.8	463.8	1.6981	16.9	104.887										
	1/27/2010 17:30:00	16.8	463.7	1.6981	16.9	104.887										
	1/27/2010 17:45:00	16.8	463.7	1.6976	16.8	104.886										
	1/27/2010 18:00:00	16.8	463.6	1.698	16.8	104.887										
	1/27/2010 18:15:00	16.8	463.8	1.6977	16.9	104.886										
	1/27/2010 18:30:00	16.8	463.7	1.698	16.8	104.887										
	1/27/2010 18:45:00	16.8	463.7	1.6981	16.9	104.887										
	1/27/2010 19:00:00	16.8	463.7	1.6984	16.9	104.887										
	1/27/2010 19:15:00	16.8	463.7	1.6984	16.9	104.887										
	1/27/2010 19:30:00	16.8	463.8	1.6984	16.9	104.887										
	1/27/2010 19:45:00	16.8	463.7	1.6988	16.9	104.887										
	1/27/2010 20:00:00	16.8	463.7	1.6988	16.9	104.887										
	1/27/2010 20:15:00	16.8	463.6	1.6995	16.9	104.888										
	1/27/2010 20:30:00	16.8	463.6	1.7002	16.9	104.889										
	1/27/2010 20:45:00	16.8	463.7	1.7001	16.8	104.889										
	1/27/2010 21:00:00	16.8	463.5	1.7006	16.9	104.889										
	1/27/2010 21:15:00	16.8	463.6	1.7013	16.9	104.890										
	1/27/2010 21:30:00	16.8	463.7	1.7015	16.8	104.890										
	1/27/2010 21:45:00	16.8	463.6	1.7026	16.8	104.891										
	1/27/2010 22:00:00	16.9	463.3	1.7022	16.8	104.891										
	1/27/2010 22:15:00	16.8	463.8	1.7033	16.8	104.892										
	1/27/2010 22:30:00	16.8	463.8	1.7034	16.9	104.892										
	1/27/2010 22:45:00	16.8	463.7	1.7044	16.8	104.893										
	1/27/2010 23:00:00	16.8	463.7	1.7049	16.9	104.894										
	1/27/2010 23:15:00	16.8	463.6	1.7059	16.9	104.895										
	1/27/2010 23:30:00	16.8	463.8	1.7062	16.8	104.895										
	1/27/2010 23:45:00	16.8	463.8	1.707	16.9	104.896										
	1/28/2010 0:00:00	16.8	463.6	1.7077	16.9	104.896										
	1/28/2010 0:15:00	16.8	463.8	1.7084	16.9	104.897										
	1/28/2010 0:30:00	16.8	463.6	1.7099	16.9	104.899										
	1/28/2010 0:45:00	16.8	463.6	1.7105	16.8	104.899										
	1/28/2010 1:00:00	16.8	463.7	1.7109	16.9	104.900										
	1/28/2010 1:15:00	16.8	463.6	1.7119	16.8	104.901										
	1/28/2010 1:30:00	16.9	463.2	1.7131	16.9	104.902										
	1/28/2010 1:45:00	16.8	463.7	1.7137	16.8	104.902										
	1/28/2010 2:00:00	16.8	463.6	1.7149	16.9	104.904										
	1/28/2010 2:15:00	16.8	463.7	1.7159	16.9	104.905										
	1/28/2010 2:30:00	16.8	463.6	1.7167	16.9	104.905										
	1/28/2010 2:45:00	16.8	463.7	1.7181	16.9	104.907										
	1/28/2010 3:00:00	16.8	463.6	1.7192	16.9	104.908										
	1/28/2010 3:15:00	16.8	463.6	1.7201	16.8	104.909										
	1/28/2010 3:30:00	16.8	463.6	1.7212	16.8	104.910										
	1/28/2010 3:45:00	16.8	463.5	1.7224	16.9	104.911										
	1/28/2010 4:00:00	16.8	463.6	1.7231	16.9	104.912										
	1/28/2010 4:15:00	16.8	463.6	1.724	16.8	104.913										
	1/28/2010 4:30:00	16.8	463.6	1.7256	16.9	104.914										
	1/28/2010 4:45:00	16.8	463.6	1.7265	16.8	104.915										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/28/2010 5:00:00	16.8	463.5	1.7274	16.9	104.916										
	1/28/2010 5:15:00	16.8	463.7	1.7284	16.9	104.917										
	1/28/2010 5:30:00	16.8	463.6	1.7295	16.9	104.918										
	1/28/2010 5:45:00	16.8	463.5	1.7302	16.9	104.919										
	1/28/2010 6:00:00	16.8	463.5	1.7308	16.8	104.919										
	1/28/2010 6:15:00	16.8	463.5	1.7315	16.8	104.920										
	1/28/2010 6:30:00	16.8	463.4	1.7326	16.8	104.921										
	1/28/2010 6:45:00	16.8	463.4	1.7331	16.9	104.922										
	1/28/2010 7:00:00	16.8	463.4	1.7342	16.9	104.923										
	1/28/2010 7:15:00	16.8	463.4	1.7345	16.9	104.923										
	1/28/2010 7:30:00	16.8	463.4	1.7352	16.9	104.924										
	1/28/2010 7:45:00	16.8	463.4	1.7359	16.9	104.925										
	1/28/2010 8:00:00	16.8	463.4	1.7363	16.9	104.925										
	1/28/2010 8:15:00	16.8	463.4	1.737	16.9	104.926										
	1/28/2010 8:30:00	16.8	463.3	1.7372	16.8	104.926										
	1/28/2010 8:45:00	16.8	463.2	1.7381	16.9	104.927										
	1/28/2010 9:00:00	16.8	463.3	1.7381	16.9	104.927										
	1/28/2010 9:15:00	16.8	463.4	1.7384	16.9	104.927										
	1/28/2010 9:30:00	16.8	463.3	1.7388	16.9	104.927										
	1/28/2010 9:45:00	16.8	463.1	1.7395	16.9	104.928										
	1/28/2010 10:00:00	16.8	463.2	1.7395	16.9	104.928										
	1/28/2010 10:15:00	16.8	463.1	1.7395	16.9	104.928										
	1/28/2010 10:30:00	16.8	463.2	1.7399	16.9	104.929										
	1/28/2010 10:45:00	16.8	463.1	1.7405	16.8	104.929										
	1/28/2010 11:00:00	16.8	463.2	1.7405	16.8	104.929										
	1/28/2010 11:15:00	16.8	463.2	1.7405	16.8	104.929										
	1/28/2010 11:30:00	16.8	463.2	1.7406	16.9	104.929										
	1/28/2010 11:45:00	16.8	463.1	1.7401	16.8	104.929										
	1/28/2010 12:00:00	16.8	463.1	1.7406	16.9	104.929										
	1/28/2010 12:15:00	16.8	463.1	1.7406	16.9	104.929										
	1/28/2010 12:30:00	16.8	463	1.7409	16.9	104.930										
	1/28/2010 12:45:00	16.8	463	1.7405	16.8	104.929										
	1/28/2010 13:00:00	16.8	463.2	1.7406	16.9	104.929										
	1/28/2010 13:15:00	16.8	462.9	1.7402	16.9	104.929										
	1/28/2010 13:30:00	16.8	463	1.7399	16.9	104.929										
	1/28/2010 13:45:00	16.8	462.9	1.7399	16.9	104.929										
	1/28/2010 14:00:00	16.8	462.8	1.7399	16.9	104.929										
	1/28/2010 14:15:00	16.8	463	1.7395	16.9	104.928										
	1/28/2010 14:30:00	16.8	462.9	1.7395	16.9	104.928										
	1/28/2010 14:45:00	16.8	462.8	1.739	16.8	104.928										
	1/28/2010 15:00:00	16.8	462.8	1.7392	16.9	104.928										
	1/28/2010 15:15:00	16.8	462.8	1.7392	16.9	104.928										
	1/28/2010 15:30:00	16.8	462.8	1.7383	16.8	104.927										
	1/28/2010 15:45:00	16.8	462.8	1.7388	16.9	104.927										
	1/28/2010 16:00:00	16.8	462.9	1.7381	16.9	104.927										
	1/28/2010 16:15:00	16.8	462.9	1.7381	16.9	104.927										
	1/28/2010 16:30:00	16.8	462.8	1.7377	16.9	104.926										
	1/28/2010 16:45:00	16.8	462.7	1.7374	16.9	104.926										
	1/28/2010 17:00:00	16.8	462.8	1.7374	16.9	104.926										
	1/28/2010 17:15:00	16.8	462.6	1.7374	16.9	104.926										
	1/28/2010 17:30:00	16.8	462.6	1.7374	16.9	104.926										
	1/28/2010 17:45:00	16.8	462.7	1.7367	16.9	104.925										
	1/28/2010 18:00:00	16.8	462.7	1.7362	16.8	104.925										
	1/28/2010 18:15:00	16.8	462.6	1.7363	16.9	104.925										
	1/28/2010 18:30:00	16.8	462.6	1.7359	16.9	104.925										
	1/28/2010 18:45:00	16.8	462.5	1.7356	16.9	104.924										
	1/28/2010 19:00:00	16.9	462.4	1.7352	16.9	104.924										
	1/28/2010 19:15:00	16.8	462.6	1.7351	16.8	104.924										
	1/28/2010 19:30:00	16.8	462.6	1.7352	16.9	104.924										
	1/28/2010 19:45:00	16.8	462.6	1.7352	16.9	104.924										
	1/28/2010 20:00:00	16.8	462.5	1.7347	16.8	104.923										
	1/28/2010 20:15:00	16.8	462.4	1.7342	16.9	104.923										
	1/28/2010 20:30:00	16.8	462.4	1.7342	16.9	104.923										
	1/28/2010 20:45:00	16.8	462.4	1.7338	16.9	104.922										
	1/28/2010 21:00:00	16.8	462.4	1.7333	16.8	104.922										
	1/28/2010 21:15:00	16.8	462.3	1.733	16.8	104.922										
	1/28/2010 21:30:00	16.8	462.4	1.7331	16.9	104.922										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/28/2010 21:45:00	16.8	462.5	1.7326	16.8	104.921										
	1/28/2010 22:00:00	16.8	462.4	1.7324	16.9	104.921										
	1/28/2010 22:15:00	16.8	462.4	1.7324	16.9	104.921										
	1/28/2010 22:30:00	16.8	462.4	1.7322	16.8	104.921										
	1/28/2010 22:45:00	16.8	462.3	1.7322	16.8	104.921										
	1/28/2010 23:00:00	16.8	462.4	1.7324	16.9	104.921										
	1/28/2010 23:15:00	16.8	462.4	1.7324	16.9	104.921										
	1/28/2010 23:30:00	16.8	462.3	1.7327	16.9	104.921										
	1/28/2010 23:45:00	16.8	462.3	1.7327	16.9	104.921										
	1/29/2010 0:00:00	16.8	462.4	1.733	16.8	104.922										
	1/29/2010 0:15:00	16.8	462.3	1.7334	16.9	104.922										
	1/29/2010 0:30:00	16.8	462.4	1.7334	16.9	104.922										
	1/29/2010 0:45:00	16.8	462.2	1.7337	16.8	104.922										
	1/29/2010 1:00:00	16.8	462.3	1.7342	16.9	104.923										
	1/29/2010 1:15:00	16.8	462.3	1.7344	16.8	104.923										
	1/29/2010 1:30:00	16.8	462.3	1.7351	16.8	104.924										
	1/29/2010 1:45:00	16.8	462.3	1.7358	16.8	104.924										
	1/29/2010 2:00:00	16.8	462.3	1.737	16.9	104.926										
	1/29/2010 2:15:00	16.8	462.2	1.7374	16.9	104.926										
	1/29/2010 2:30:00	16.9	461.7	1.7377	16.9	104.926										
	1/29/2010 2:45:00	16.8	462.2	1.7388	16.9	104.927										
	1/29/2010 3:00:00	16.8	462.3	1.7395	16.9	104.928										
	1/29/2010 3:15:00	16.8	462.2	1.7402	16.9	104.929										
	1/29/2010 3:30:00	16.8	462.3	1.7409	16.9	104.930										
	1/29/2010 3:45:00	16.8	462.4	1.7415	16.8	104.930										
	1/29/2010 4:00:00	16.9	461.9	1.7419	16.8	104.931										
	1/29/2010 4:15:00	16.8	462.3	1.7427	16.9	104.931										
	1/29/2010 4:30:00	16.8	462.2	1.743	16.8	104.932										
	1/29/2010 4:45:00	16.8	462.3	1.7442	16.9	104.933										
	1/29/2010 5:00:00	16.8	462.3	1.7449	16.9	104.934										
	1/29/2010 5:15:00	16.8	462.2	1.7455	16.8	104.934										
	1/29/2010 5:30:00	16.8	462.2	1.7463	16.9	104.935										
	1/29/2010 5:45:00	16.8	462.3	1.747	16.9	104.936										
	1/29/2010 6:00:00	16.8	462.2	1.7476	16.8	104.936										
	1/29/2010 6:15:00	16.8	462.3	1.748	16.8	104.937										
	1/29/2010 6:30:00	16.8	462.2	1.7488	16.9	104.937										
	1/29/2010 6:45:00	16.8	462.3	1.7499	16.9	104.939										
	1/29/2010 7:00:00	16.8	462.3	1.7502	16.9	104.939										
	1/29/2010 7:15:00	16.8	462.3	1.7506	16.9	104.939										
	1/29/2010 7:30:00	16.8	462.3	1.7513	16.9	104.940										
	1/29/2010 7:45:00	16.8	462.2	1.7513	16.9	104.940										
	1/29/2010 8:00:00	16.8	462.1	1.7519	16.8	104.941										
	1/29/2010 8:15:00	16.8	462.2	1.7524	16.9	104.941										
	1/29/2010 8:30:00	16.8	462.2	1.7531	16.9	104.942										
	1/29/2010 8:45:00	16.8	462.3	1.7534	16.9	104.942										
	1/29/2010 9:00:00	16.8	462.2	1.7542	16.9	104.943										
	1/29/2010 9:15:00	16.8	462.3	1.7545	16.9	104.943										
	1/29/2010 9:30:00	16.8	462.2	1.7545	16.9	104.943										
	1/29/2010 9:45:00	16.8	462.1	1.7552	16.9	104.944										
	1/29/2010 10:00:00	16.8	462.1	1.7552	16.9	104.944										
	1/29/2010 10:15:00	16.8	462	1.7559	16.9	104.945										
	1/29/2010 10:30:00	16.9	461.7	1.7559	16.9	104.945										
	1/29/2010 10:45:00	16.8	462.1	1.7565	16.8	104.945										
	1/29/2010 11:00:00	16.8	462	1.757	16.9	104.946										
	1/29/2010 11:15:00	16.8	461.9	1.7577	16.9	104.946										
	1/29/2010 11:30:00	16.8	462	1.7574	16.9	104.946										
	1/29/2010 11:45:00	16.8	461.9	1.7576	16.8	104.946										
	1/29/2010 12:00:00	16.8	462	1.7577	16.9	104.946										
	1/29/2010 12:15:00	16.8	462	1.7577	16.9	104.946										
	1/29/2010 12:30:00	16.8	461.9	1.758	16.8	104.947										
	1/29/2010 12:45:00	16.8	461.8	1.7581	16.9	104.947										
	1/29/2010 13:00:00	16.8	461.9	1.7577	16.9	104.946										
	1/29/2010 13:15:00	16.8	461.8	1.7581	16.9	104.947										
	1/29/2010 13:30:00	16.8	461.8	1.7581	16.9	104.947										
	1/29/2010 13:45:00	16.8	461.8	1.7577	16.9	104.946										
	1/29/2010 14:00:00	16.8	461.8	1.7577	16.9	104.946										
	1/29/2010 14:15:00	16.8	461.7	1.7574	16.9	104.946										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)
	1/29/2010 14:30:00	16.8	461.8	1.7574	16.9	104.946
	1/29/2010 14:45:00	16.8	461.8	1.7574	16.9	104.946
	1/29/2010 15:00:00	16.8	461.8	1.7572	16.8	104.946
	1/29/2010 15:15:00	16.8	461.7	1.7574	16.9	104.946
	1/29/2010 15:30:00	16.8	461.7	1.7567	16.9	104.945
	1/29/2010 15:45:00	16.8	461.6	1.7567	16.9	104.945
	1/29/2010 16:00:00	16.8	461.7	1.7563	16.9	104.945
	1/29/2010 16:15:00	16.8	461.6	1.7562	16.8	104.945
	1/29/2010 16:30:00	16.8	461.6	1.7559	16.9	104.945
	1/29/2010 16:45:00	16.8	461.5	1.7556	16.9	104.944
	1/29/2010 17:00:00	16.8	461.6	1.7555	16.8	104.944
	1/29/2010 17:15:00	16.8	461.6	1.7552	16.9	104.944
	1/29/2010 17:30:00	16.8	461.6	1.7547	16.8	104.943
	1/29/2010 17:45:00	16.8	461.7	1.7545	16.9	104.943
	1/29/2010 18:00:00	16.8	461.4	1.7542	16.9	104.943
	1/29/2010 18:15:00	16.8	461.5	1.7537	16.8	104.942
	1/29/2010 18:30:00	16.8	461.5	1.7538	16.9	104.942
	1/29/2010 18:45:00	16.8	461.4	1.7534	16.9	104.942
	1/29/2010 19:00:00	16.8	461.5	1.7534	16.9	104.942
	1/29/2010 19:15:00	16.8	461.4	1.753	16.8	104.942
	1/29/2010 19:30:00	16.8	461.5	1.7526	16.8	104.941
	1/29/2010 19:45:00	16.8	461.5	1.752	16.9	104.941
	1/29/2010 20:00:00	16.8	461.3	1.7515	16.8	104.940
	1/29/2010 20:15:00	16.8	461.3	1.7517	16.9	104.940
	1/29/2010 20:30:00	16.8	461.3	1.7513	16.9	104.940
	1/29/2010 20:45:00	16.8	461.4	1.7505	16.8	104.939
	1/29/2010 21:00:00	16.8	461.2	1.7506	16.9	104.939
	1/29/2010 21:15:00	16.8	461.4	1.7502	16.9	104.939
	1/29/2010 21:30:00	16.8	461.3	1.7502	16.9	104.939
	1/29/2010 21:45:00	16.8	461.3	1.7495	16.9	104.938
	1/29/2010 22:00:00	16.8	461.2	1.7492	16.9	104.938
	1/29/2010 22:15:00	16.8	461.3	1.7497	16.8	104.938
	1/29/2010 22:30:00	16.8	461.3	1.7484	16.9	104.937
	1/29/2010 22:45:00	16.8	461.2	1.7484	16.9	104.937
	1/29/2010 23:00:00	16.8	461.3	1.7502	16.9	104.939
	1/29/2010 23:15:00	16.8	461.2	1.7488	16.9	104.937
	1/29/2010 23:30:00	16.8	461.2	1.7488	16.9	104.937
	1/29/2010 23:45:00	16.8	461.2	1.7492	16.9	104.938
	1/30/2010 0:00:00	16.8	461.2	1.7495	16.9	104.938
	1/30/2010 0:15:00	16.8	461.2	1.7497	16.8	104.938
	1/30/2010 0:30:00	16.8	461.1	1.7506	16.9	104.939
	1/30/2010 0:45:00	16.8	461.2	1.7509	16.9	104.940
	1/30/2010 1:00:00	16.8	461.2	1.7517	16.9	104.940
	1/30/2010 1:15:00	16.8	461.1	1.7524	16.9	104.941
	1/30/2010 1:30:00	16.8	461.2	1.7527	16.9	104.941
	1/30/2010 1:45:00	16.9	461	1.7534	16.9	104.942
	1/30/2010 2:00:00	16.8	461.2	1.7545	16.9	104.943
	1/30/2010 2:15:00	16.8	461.2	1.7551	16.8	104.944
	1/30/2010 2:30:00	16.8	461.2	1.7559	16.9	104.945
	1/30/2010 2:45:00	16.8	461.2	1.7567	16.9	104.945
	1/30/2010 3:00:00	16.8	461.1	1.7574	16.9	104.946
	1/30/2010 3:15:00	16.8	461.2	1.7581	16.9	104.947
	1/30/2010 3:30:00	16.8	461.1	1.7588	16.9	104.947
	1/30/2010 3:45:00	16.8	461.3	1.7595	16.9	104.948
	1/30/2010 4:00:00	16.8	461.2	1.7602	16.9	104.949
	1/30/2010 4:15:00	16.8	461.2	1.7613	16.9	104.950
	1/30/2010 4:30:00	16.8	461.3	1.762	16.9	104.951
	1/30/2010 4:45:00	16.8	461.2	1.7631	16.9	104.952
	1/30/2010 5:00:00	16.8	461.2	1.7631	16.9	104.952
	1/30/2010 5:15:00	16.8	461.1	1.7638	16.9	104.952
	1/30/2010 5:30:00	16.8	461.2	1.7644	16.8	104.953
	1/30/2010 5:45:00	16.8	461.2	1.7649	16.9	104.954
	1/30/2010 6:00:00	16.8	461.2	1.7655	16.8	104.954
	1/30/2010 6:15:00	16.8	461.3	1.7663	16.9	104.955
	1/30/2010 6:30:00	16.8	461.3	1.767	16.9	104.956
	1/30/2010 6:45:00	16.8	461.2	1.7674	16.9	104.956
	1/30/2010 7:00:00	16.8	461.3	1.7677	16.9	104.956

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/30/2010 7:15:00	16.8	461.1	1.7684	16.9	104.957										
	1/30/2010 7:30:00	16.8	461.1	1.7692	16.9	104.958										
	1/30/2010 7:45:00	16.8	461.1	1.7699	16.9	104.959										
	1/30/2010 8:00:00	16.8	461.3	1.7699	16.9	104.959										
	1/30/2010 8:15:00	16.8	461.1	1.7702	16.9	104.959										
	1/30/2010 8:30:00	16.8	461.2	1.7706	16.9	104.959										
	1/30/2010 8:45:00	16.8	461	1.7713	16.9	104.960										
	1/30/2010 9:00:00	16.8	461.1	1.7717	16.9	104.960										
	1/30/2010 9:15:00	16.8	461.1	1.7719	16.8	104.961										
	1/30/2010 9:30:00	16.8	461.1	1.7727	16.9	104.961										
	1/30/2010 9:45:00	16.8	461	1.7726	16.8	104.961										
	1/30/2010 10:00:00	16.8	461.1	1.7731	16.9	104.962										
	1/30/2010 10:15:00	16.8	461.1	1.7734	16.9	104.962										
	1/30/2010 10:30:00	16.8	461	1.7734	16.9	104.962										
	1/30/2010 10:45:00	16.8	461	1.774	16.8	104.963										
	1/30/2010 11:00:00	16.8	460.9	1.7745	16.9	104.963										
	1/30/2010 11:15:00	16.8	461	1.7745	16.9	104.963										
	1/30/2010 11:30:00	16.8	461	1.7749	16.9	104.964										
	1/30/2010 11:45:00	16.8	461	1.7749	16.9	104.964										
	1/30/2010 12:00:00	16.8	460.9	1.7752	16.9	104.964										
	1/30/2010 12:15:00	16.8	460.9	1.7751	16.8	104.964										
	1/30/2010 12:30:00	16.8	460.9	1.7752	16.9	104.964										
	1/30/2010 12:45:00	16.8	460.8	1.7756	16.9	104.964										
	1/30/2010 13:00:00	16.8	460.9	1.7756	16.9	104.964										
	1/30/2010 13:15:00	16.8	460.8	1.7752	16.9	104.964										
	1/30/2010 13:30:00	16.8	460.9	1.7756	16.9	104.964										
	1/30/2010 13:45:00	16.8	460.8	1.7756	16.9	104.964										
	1/30/2010 14:00:00	16.8	461	1.7756	16.9	104.964										
	1/30/2010 14:15:00	16.8	460.8	1.7756	16.9	104.964										
	1/30/2010 14:30:00	16.8	460.8	1.7756	16.9	104.964										
	1/30/2010 14:45:00	16.8	460.8	1.7756	16.9	104.964										
	1/30/2010 15:00:00	16.8	460.7	1.7752	16.9	104.964										
	1/30/2010 15:15:00	16.8	460.7	1.7752	16.9	104.964										
	1/30/2010 15:30:00	16.8	460.8	1.7752	16.9	104.964										
	1/30/2010 15:45:00	16.8	460.7	1.7752	16.9	104.964										
	1/30/2010 16:00:00	16.9	460.6	1.7752	16.9	104.964										
	1/30/2010 16:15:00	16.8	460.8	1.7752	16.9	104.964										
	1/30/2010 16:30:00	16.8	460.7	1.7756	16.9	104.964										
	1/30/2010 16:45:00	16.8	460.6	1.7756	16.9	104.964										
	1/30/2010 17:00:00	16.8	460.6	1.7759	16.9	104.965										
	1/30/2010 17:15:00	16.8	460.7	1.7759	16.9	104.965										
	1/30/2010 17:30:00	16.9	460.4	1.7763	16.9	104.965										
	1/30/2010 17:45:00	16.8	460.6	1.7767	16.9	104.965										
	1/30/2010 18:00:00	16.8	460.6	1.7767	16.9	104.965										
	1/30/2010 18:15:00	16.8	460.7	1.777	16.9	104.966										
	1/30/2010 18:30:00	16.8	460.7	1.778	16.8	104.967										
	1/30/2010 18:45:00	16.8	460.7	1.778	16.8	104.967										
	1/30/2010 19:00:00	16.8	460.7	1.7787	16.8	104.967										
	1/30/2010 19:15:00	16.8	460.7	1.7795	16.9	104.968										
	1/30/2010 19:30:00	16.9	460.5	1.7799	16.9	104.969										
	1/30/2010 19:45:00	16.8	460.7	1.7802	16.9	104.969										
	1/30/2010 20:00:00	16.8	460.7	1.7813	16.9	104.970										
	1/30/2010 20:15:00	16.8	460.7	1.7817	16.9	104.970										
	1/30/2010 20:30:00	16.8	460.6	1.7826	16.8	104.971										
	1/30/2010 20:45:00	16.8	460.7	1.7834	16.9	104.972										
	1/30/2010 21:00:00	16.8	460.7	1.7842	16.9	104.973										
	1/30/2010 21:15:00	16.8	460.5	1.7849	16.9	104.974										
	1/30/2010 21:30:00	16.8	460.7	1.7856	16.9	104.974										
	1/30/2010 21:45:00	16.8	460.6	1.7862	16.8	104.975										
	1/30/2010 22:00:00	16.8	460.6	1.787	16.9	104.976										
	1/30/2010 22:15:00	16.8	460.6	1.788	16.8	104.977										
	1/30/2010 22:30:00	16.8	460.5	1.7884	16.9	104.977										
	1/30/2010 22:45:00	16.8	460.6	1.7895	16.9	104.978										
	1/30/2010 23:00:00	16.8	460.6	1.7906	16.9	104.979										
	1/30/2010 23:15:00	16.8	460.6	1.7913	16.9	104.980										
	1/30/2010 23:30:00	16.8	460.6	1.7924	16.9	104.981										
	1/30/2010 23:45:00	16.8	460.6	1.7931	16.9	104.982										

Table D-18. Groundwater Elevations (Part 8 of 27)

Date/Time (PDT)	Date/Time (PST)	$Temp_{con}$ (degC)	Conductivity(µS/cm)	Pressure(m H2O)	$Temp_{pres}$ (degC)	WL Elev (m)										
	1/31/2010 0:00:00	16.8	460.6	1.7942	16.9	104.983										
	1/31/2010 0:15:00	16.8	460.5	1.7952	16.9	104.984										
	1/31/2010 0:30:00	16.8	460.6	1.7958	16.8	104.984										
	1/31/2010 0:45:00	16.8	460.6	1.7965	16.8	104.985										
	1/31/2010 1:00:00	16.8	460.6	1.7974	16.9	104.986										
	1/31/2010 1:15:00	16.8	460.6	1.7983	16.8	104.987										
	1/31/2010 1:30:00	16.8	460.5	1.7988	16.9	104.987										
	1/31/2010 1:45:00	16.9	460.3	1.7999	16.9	104.989										
	1/31/2010 2:00:00	16.8	460.5	1.8009	16.9	104.990										
	1/31/2010 2:15:00	16.8	460.5	1.8015	16.8	104.990										
	1/31/2010 2:30:00	16.8	460.4	1.8019	16.8	104.991										
	1/31/2010 2:45:00	16.8	460.4	1.803	16.8	104.992										
	1/31/2010 3:00:00	16.8	460.4	1.8038	16.9	104.992										
	1/31/2010 3:15:00	16.8	460.3	1.8045	16.9	104.993										
	1/31/2010 3:30:00	16.8	460.5	1.8052	16.9	104.994										
	1/31/2010 3:45:00	16.8	460.5	1.8059	16.9	104.995										
	1/31/2010 4:00:00	16.8	460.4	1.8063	16.9	104.995										
	1/31/2010 4:15:00	16.8	460.4	1.8067	16.9	104.995										
	1/31/2010 4:30:00	16.8	460.4	1.8077	16.9	104.996										
	1/31/2010 4:45:00	16.8	460.4	1.8081	16.9	104.997										
	1/31/2010 5:00:00	16.8	460.4	1.8088	16.9	104.997										
	1/31/2010 5:15:00	16.8	460.4	1.809	16.8	104.998										
	1/31/2010 5:30:00	16.8	460.4	1.8095	16.9	104.998										
	1/31/2010 5:45:00	16.8	460.5	1.8099	16.9	104.999										
	1/31/2010 6:00:00	16.8	460.4	1.8106	16.9	104.999										
	1/31/2010 6:15:00	16.8	460.4	1.8109	16.9	105.000										
	1/31/2010 6:30:00	16.8	460.3	1.8109	16.9	105.000										
	1/31/2010 6:45:00	16.8	460.4	1.8117	16.9	105.000										
	1/31/2010 7:00:00	16.8	460.3	1.8117	16.9	105.000										
	1/31/2010 7:15:00	16.8	460.5	1.8117	16.9	105.000										
	1/31/2010 7:30:00	16.8	457.1	1.8122	16.8	105.001										
	1/31/2010 7:45:00	16.8	460.4	1.8124	16.9	105.001										
	1/31/2010 8:00:00	16.8	460.2	1.8127	16.9	105.001										
	1/31/2010 8:15:00	16.8	460.3	1.8127	16.9	105.001										
	1/31/2010 8:30:00	16.8	460.3	1.8127	16.9	105.001										
	1/31/2010 8:45:00	16.8	460.3	1.8126	16.8	105.001										
	1/31/2010 9:00:00	16.8	460.3	1.8127	16.9	105.001										
	1/31/2010 9:15:00	16.8	460.3	1.8131	16.9	105.002										
	1/31/2010 9:30:00	16.8	460.4	1.8127	16.9	105.001										
	1/31/2010 9:45:00	16.8	460.3	1.8127	16.9	105.001										
	1/31/2010 10:00:00	16.8	460.2	1.8131	16.9	105.002										
	1/31/2010 10:15:00	16.8	460.3	1.813	16.8	105.002										
	1/31/2010 10:30:00	16.8	460.2	1.8127	16.9	105.001										
	1/31/2010 10:45:00	16.8	460.2	1.8127	16.9	105.001										
	1/31/2010 11:00:00	16.8	460.3	1.8131	16.9	105.002										
	1/31/2010 11:15:00	16.8	460.2	1.8127	16.9	105.001										
	1/31/2010 11:30:00	16.8	460.3	1.8124	16.9	105.001										
	1/31/2010 11:45:00	16.8	460.2	1.8127	16.9	105.001										
	1/31/2010 12:00:00	16.8	460.1	1.8124	16.9	105.001										
	1/31/2010 12:15:00	16.8	460.1	1.812	16.9	105.001										
	1/31/2010 12:30:00	16.9	459.7	1.8124	16.9	105.001										
	1/31/2010 12:45:00	16.8	460.1	1.812	16.9	105.001										
	1/31/2010 13:00:00	16.8	460.2	1.8117	16.9	105.000										
	1/31/2010 13:15:00	16.8	460.2	1.8113	16.9	105.000										
	1/31/2010 13:30:00	16.8	460.2	1.8113	16.9	105.000										
	1/31/2010 13:45:00	16.8	460.2	1.8109	16.9	105.000										
	1/31/2010 14:00:00	16.8	460	1.8106	16.9	104.999										
	1/31/2010 14:15:00	16.8	460.2	1.8102	16.9	104.999										
	1/31/2010 14:30:00	16.8	460	1.8102	16.9	104.999										
	1/31/2010 14:45:00	16.8	460	1.8094	16.8	104.998										
	1/31/2010 15:00:00	16.8	460	1.8092	16.9	104.998										
	1/31/2010 15:15:00	16.8	460.1	1.8088	16.9	104.997										
	1/31/2010 15:30:00	16.8	460	1.8088	16.9	104.997										
	1/31/2010 15:45:00	16.8	460	1.8081	16.9	104.997										
	1/31/2010 16:00:00	16.8	460	1.8077	16.9	104.996										
	1/31/2010 16:15:00	16.8	460	1.8074	16.9	104.996										
	1/31/2010 16:30:00	16.8	459.9	1.8074	16.9	104.996										