

APPENDIX 6—Water-level-elevation control points for water-table map

Explanation for water table map data

CODE	SITE TYPE
w	Well
s	Spring
All UTM's are in NAD83, Zone 13	
Sites with SM-prefix indicates wells and springs included in this study.	
Sites with PN, RA, or T prefix indicate wells not part of this study. These well ID's are from NM Office of the State Engineer well records database.	

Point ID	UTM Easting	UTM Northing	Surface Elevation (ft)	Depth to Water (ft)	Water Surface Elevation (ft)	Date Measured	Site Type
SM-0001	425,532	3,617,549	6831	31.89	6802	12/19/2008	w
SM-0002	433,898	3,613,605	7123	144.08	6981	12/18/2008	w
SM-0003	433,306	3,614,903	7223	58.6	7166	12/18/2008	w
SM-0004	433,434	3,614,489	7185	45.1	7141	4/18/2007	w
SM-0005	434,264	3,646,020	8329	234.8	8096	12/15/2008	w
SM-0006	434,269	3,645,946	8342	265.3	8078	4/16/2007	w
SM-0007	445,143	3,602,882	6093	129.7	5965	12/18/2008	w
SM-0008	438,012	3,638,892	7727	159.23	7569	12/16/2008	w
SM-0009	425,516	3,635,444	9079	249	8831	11/11/2005	w
SM-0010	425,532	3,635,423	9077	255.94	8823	4/18/2007	w
SM-0011	425,587	3,635,404	9066	266.68	8801	11/11/2005	w
SM-0012	439,768	3,646,424	7764	211.8	7553	12/16/2008	w
SM-0013	440,025	3,646,288	7742	233.16	7510	6/14/2006	w
SM-0014	439,835	3,645,624	7843	264.32	7580	12/16/2008	w
SM-0015	439,920	3,645,655	7845	264.59	7580	10/13/2008	w
SM-0016	439,233	3,634,784	7506	56.5	7450	12/17/2008	w
SM-0017	429,728	3,642,664	8666	120.4	8547	6/11/2007	w
SM-0018	437,314	3,629,660	8408	15.64	8394	12/17/2008	w
SM-0019	429,141	3,641,987	8782	187.1	8596	4/16/2007	w
SM-0020	439,787	3,638,078	7616	65	7552	10/12/2006	w
SM-0021	430,302	3,639,561	8801	105.06	8698	12/15/2008	w
SM-0022	434,266	3,649,821	8587	105.22	8484	12/15/2008	w
SM-0023	424,819	3,627,744	8920	201.63	8718	12/19/2008	w
SM-0024	424,847	3,627,692	8916	190.41	8725	4/18/2007	w
SM-0025	434,844	3,612,086	7003	129.5	6875	8/12/2008	w
SM-0026	437,998	3,612,931	7348	17.68	7331	10/13/2008	w
SM-0027	434,224	3,611,026	7074	526.78	6548	4/10/2006	w
SM-0028	423,989	3,642,203	7231	49.8	7182	12/15/2008	w
SM-0029	421,203	3,650,539	6100	36.34	6065	12/15/2008	w
SM-0030	421,385	3,644,503	6881	71.52	6810	6/12/2006	w
SM-0031	421,525	3,645,073	6739	274.08	6466	2/11/2008	w
SM-0032	422,587	3,645,221	6719	48.93	6671	4/16/2007	w
SM-0033	422,691	3,645,226	6720	30.8	6690	10/13/2008	w
SM-0034	426,646	3,617,211	6870	224.1	6647	7/16/2008	w
SM-0035	420,432	3,625,055	7091	49.44	7044	5/14/2007	w
SM-0036	421,216	3,625,376	7270	48.18	7223	5/14/2007	w
SM-0037	418,745	3,651,181	5696	29.6	5667	12/15/2008	w
SM-0038	436,976	3,645,436	8691	419.95	8271	6/1/2006	w
SM-0039	437,634	3,645,978	8350	55	8297	6/14/2006	w
SM-0040	447,836	3,641,487	7188	313.14	6875	12/17/2008	w
SM-0041	449,321	3,641,241	7159	250	6909	12/8/2006	w
SM-0043	450,449	3,630,163	7115	93.62	7022	12/17/2008	w
SM-0044	455,211	3,622,931	6782	139.4	6643	12/17/2008	w
SM-0045	443,134	3,635,074	7169	24.44	7146	4/17/2007	w
SM-0047	445,638	3,650,483	7700	139	7562	4/19/2007	w
SM-0048	442,640	3,635,045	7236	67.29	7171	12/17/2008	w
SM-0049	425,590	3,635,408	9066	233.93	8834	10/13/2008	w
SM-0050	436,868	3,645,647	8601	186.1	8415	7/26/2006	w
SM-0052	437,633	3,645,998	8370	127.22	8244	7/16/2008	w
SM-0053	440,168	3,646,224	7741	218.32	7523	2/28/2007	w
SM-0054	445,004	3,650,365	7684	16.67	7670	8/23/2007	w
SM-0055	448,613	3,650,525	7368	224.37	7146	6/4/2008	w
SM-0056	448,618	3,650,632	7398	318.32	7080	12/18/2008	w
SM-0057	450,894	3,650,339	7242	205.95	7038	12/18/2008	w
SM-0058	447,450	3,648,717	7620	190	7432	4/19/2007	w
SM-0059	444,892	3,650,434	7698	33.3	7667	8/23/2007	w
SM-0060	438,246	3,645,210	8151	373.2	7779	12/14/2006	w

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SM-0061	445,985	3,650,473	7623	109.95	7515	6/21/2006	w
SM-0062	445,953	3,650,499	7641	56.69	7585	6/17/2008	w
SM-0063	445,996	3,650,435	7617	66.9	7551	8/23/2007	w
SM-0064	448,699	3,629,266	7184	66.98	7119	12/17/2008	w
SM-0065	449,344	3,630,348	7251	8.74	7244	4/17/2007	w
SM-0066	449,126	3,649,265	7366	32.25	7334	12/18/2008	w
SM-0068	461,945	3,650,277	6301	171.04	6131	12/16/2008	w
SM-0069	454,116	3,649,582	7044	463	6583	12/18/2008	w
SM-0070	444,737	3,607,529	6417	418.8	5999	10/19/2006	w
SM-0071	439,877	3,608,886	6598	331	6267	12/14/2006	w
SM-0073	425,461	3,617,548	6793	204	6591	7/24/2006	w
SM-0074	452,270	3,625,835	7006	146	6861	12/17/2008	w
SM-0075	447,829	3,628,594	7234	7.06	7229	4/17/2007	w
SM-0076	455,411	3,639,460	6565	214	6353	4/20/2007	w
SM-0077	478,911	3,639,555	5418	25.54	5394	4/20/2007	w
SM-0078	477,206	3,640,316	5494	57.35	5438	12/16/2008	w
SM-0079	478,447	3,639,644	5461	59.24	5395	4/20/2007	w
SM-0080	452,568	3,649,763	7064	219	6847	4/19/2007	w
SM-0083	449,223	3,650,626	7388	315.17	7073	10/16/2007	w
SM-0084	435,130	3,611,779	6969	86	6886	12/12/2006	w
SM-0085	435,326	3,625,244	8700	107	8594	12/13/2006	w
SM-0086	442,034	3,640,746	7766	142.61	7624	6/4/2008	w
SM-0087	439,525	3,640,142	8197	126.84	8070	3/16/1974	w
SM-0088	438,598	3,641,475	8232	194.8	8038	8/21/2007	w
SM-0089	436,965	3,645,481	8679	375	8305	11/14/2006	w
SM-0090	438,044	3,609,678	6714	228.4	6489	10/16/2007	w
SM-0092	463,142	3,643,023	6166	258.16	5910	12/16/2008	w
SM-0107	459,897	3,621,667	6564	376.78	6188	12/17/2008	w
SM-0115	472,114	3,653,924	5858	187.45	5671	2/6/2004	w
SM-0116	470,041	3,646,108	5791	74.28	5717	2/3/2004	w
SM-0117	471,883	3,645,610	5737	34.06	5703	3/1/2006	w
SM-0118	471,881	3,644,871	5744	103.38	5640	3/2/2004	w
SM-0119	474,008	3,644,065	5669	7.37	5662	1/29/2004	w
SM-0120	474,838	3,643,878	5659	4.34	5654	1/29/2004	w
SM-0121	468,943	3,643,710	6055	83.03	5972	3/2/2004	w
SM-0122	474,059	3,643,695	5678	8.65	5670	1/29/2004	w
SM-0123	476,811	3,643,390	5623	67.16	5555	1/29/2004	w
SM-0124	477,400	3,639,899	5466	51.64	5414	1/29/2004	w
SM-0125	478,283	3,639,651	5428	33.32	5395	1/29/2004	w
SM-0126	483,424	3,637,670	5246	98.14	5148	2/26/1999	w
SM-0127	473,549	3,627,684	5780	21.97	5758	2/26/1999	w
SM-0128	465,428	3,648,464	6135	308.41	5827	1/29/2004	w
SM-0129	448,269	3,648,446	7500	20.28	7479	3/2/1999	w
SM-0130	449,682	3,635,259	6960	32.55	6927	3/1/2006	w
SM-0131	448,771	3,635,048	6988	13.61	6974	2/2/2004	w
SM-0132	456,349	3,626,420	6673	115.49	6558	3/1/1999	w
SM-0136	506,277	3,632,043	4510	367.1	4144	10/14/2008	w
SM-0137	484,187	3,620,310	5438	446.25	4992	12/19/2008	w
SM-0139	452,901	3,630,796	7065	310.6	6756	8/14/2008	w
SM-0141	458,187	3,632,763	6590	352.93	6238	12/16/2008	w
SM-0142	469,136	3,632,507	6563	591.8	5973	12/16/2008	w
SM-0150	467,259	3,632,518	6526	530.7	5995	9/15/2007	w
SM-0153	430,114	3,642,574	8731	92.98	8640	12/15/2008	w
SM-0154	450,787	3,646,812	7595	277	0	10/15/2007	w
SM-0170	471,687	3,645,792	5771	23.77	5748	3/13/2008	w
SM-0172	465,240	3,648,556	6101	280.52	5820	7/18/2008	w
SM-0173	466,939	3,648,254	5983	222.19	5761	12/16/2008	w

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SM-0174	470,949	3,646,129	5764	28.32	5737	12/16/2008	w
SM-0183	480,650	3,652,749	5432	30.04	5403	12/12/2007	w
SM-0188	486,153	3,634,138	5399	700.8	4700	12/16/2008	w
SM-0204	470,468	3,627,149	5945	47.62	5898	12/13/2007	w
SM-0205	469,308	3,626,776	5981	17.72	5964	12/16/2008	w
SM-0206	469,172	3,626,907	5997	15.17	5986	10/14/2008	w
SM-0207	468,471	3,626,452	6040	48.78	5992	12/13/2007	w
SM-0216	478,559	3,667,718	5852	189.4	5664	7/18/2008	w
SM-0217	474,093	3,667,513	6182	529.8	5654	12/19/2008	w
SM-0221	476,927	3,672,259	5927	314.6	5615	4/9/2008	w
SM-0223	482,453	3,673,558	5711	511	5201	5/20/2008	w
SM-0224	480,751	3,671,992	5731	410	5323	5/20/2008	w
SM-0225	478,066	3,672,646	5880	412.34	5468	12/19/2008	w
SM-0229	455,020	3,644,318	7147	316.3	6831	6/19/2008	w
SM-0230	473,937	3,654,063	5746	82.76	5664	8/4/2008	w
SM-0231	472,108	3,653,950	5869	167.3	5702	8/4/2008	w
SM-0232	449,738	3,635,161	6854	22.03	6834	10/13/2008	w
SM-0233	454,401	3,638,217	6607	31.56	6577	12/17/2008	w
SM-0234	451,517	3,634,745	6760	23.15	6736	8/5/2008	w
SM-0237	452,646	3,635,627	6762	17.92	6745	12/17/2008	w
SM-0238	452,628	3,635,613	6770	20.95	6749	10/14/2008	w
SM-0243	478,076	3,653,597	5548	47.71	5501	10/14/2008	w
SM-0244	483,373	3,637,853	5261	111.51	5151	8/15/2008	w
SM-0246	483,382	3,637,739	5261	105.5	5156	10/14/2008	w
SM-0247	451,356	3,641,012	6955	304.5	6654	9/19/2008	w
SM-0248	451,030	3,641,102	6926	276.3	6652	9/19/2008	w
SM-0252	419,115	3,653,283	5940	65.14	5876	12/15/2008	w
SM-0253	422,875	3,644,974	6715	3.68	6713	12/15/2008	w
SM-1000	445,612	3,650,145	7619	0	7619		s
SM-1001	447,222	3,650,484	7459	0	7459		s
SM-1002	446,868	3,650,392	7508	0	7508		s
SM-1003	447,465	3,650,480	7471	0	7471		s
SM-1004	447,551	3,650,506	7445	0	7445		s
SM-1005	447,612	3,650,484	7448	0	7448		s
SM-1006	445,675	3,648,978	7754	0	7754		s
SM-1007	445,659	3,648,848	7722	0	7722		s
SM-1008	438,147	3,644,969	8191	0	8191		s
SM-1009	440,245	3,630,724	7987	0	7987		s
SM-1010	439,748	3,630,463	7994	0	7994		s
SM-1011	437,747	3,629,577	8293	0	8293		s
SM-1012	436,749	3,629,299	8448	0	8448		s
SM-1013	436,106	3,629,483	8544	0	8544		s
SM-1014	429,798	3,640,186	8741	0	8741		s
SM-1015	436,272	3,639,606	7840	0	7840		s
SM-1016	432,373	3,633,067	8164	0	8164		s
SM-1017	430,834	3,632,618	8245	0	8245		s
SM-1018	426,205	3,634,031	8759	0	8759		s
SM-1019	422,342	3,651,992	6534	0	6534		s
SM-1020	422,920	3,651,967	6696	0	6696		s
SM-1021	422,922	3,651,981	6700	0	6700		s
SM-1022	423,236	3,651,989	6850	0	6850		s
SM-1023	427,522	3,651,672	7546	0	7546		s
SM-1024	429,469	3,651,650	7967	0	7967		s
SM-1025	424,456	3,650,067	6673	0	6673		s
SM-1026	442,522	3,621,836	7981	0	7981		s
SM-1027	436,093	3,619,410	8531	0	8531		s
SM-1028	430,465	3,632,876	8252	0	8252		s

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SM-1029	430,603	3,632,921	8224	0	8224		s
SM-1030	430,660	3,632,480	8300	0	8300		s
SM-1031	430,652	3,632,081	8637	0	8637		s
SM-1032	432,350	3,634,430	8245	0	8245		s
SM-1033	433,178	3,634,157	8146	0	8146		s
SM-1034	433,621	3,634,744	8287	0	8287		s
SM-1035	433,979	3,634,450	8092	0	8092		s
SM-1036	436,270	3,634,872	8297	0	8297		s
SM-1037	432,402	3,631,266	8479	0	8479		s
SM-1038	431,943	3,630,299	8394	0	8394		s
SM-1039	431,635	3,629,988	8467	0	8467		s
SM-1040	429,860	3,628,683	8781	0	8781		s
SM-1041	430,358	3,629,684	8768	0	8768		s
SM-1042	437,028	3,631,753	7877	0	7877		s
SM-1043	440,191	3,627,605	7801	0	7801		s
SM-1044	439,688	3,627,800	8058	0	8058		s
SM-1045	437,888	3,626,550	8200	0	8200		s
SM-1046	438,287	3,626,457	8242	0	8242		s
SM-1047	439,520	3,626,817	7959	0	7959		s
SM-1048	439,040	3,625,464	8165	0	8165		s
SM-1049	440,837	3,627,783	7798	0	7798		s
SM-1050	422,853	3,631,247	7800	0	7800		s
SM-1051	422,649	3,632,336	7814	0	7814		s
SM-1052	422,912	3,632,868	7623	0	7623		s
SM-1053	422,750	3,633,345	7369	0	7369		s
SM-1054	438,199	3,651,058	7995	0	7995		s
SM-1055	437,842	3,651,133	7995	0	7995		s
SM-1056	441,094	3,640,596	7893	0	7893		s
SM-1057	441,600	3,640,549	7851	0	7851		s
SM-1058	442,075	3,640,901	7794	0	7794		s
SM-1059	444,065	3,640,734	7788	0	7788		s
SM-1060	440,886	3,647,604	7948	0	7948		s
SM-1061	441,402	3,647,014	7926	0	7926		s
SM-1062	433,893	3,638,720	8202	0	8202		s
SM-1063	433,285	3,637,763	8515	0	8515		s
SM-1064	431,843	3,637,259	8730	0	8730		s
SM-1065	435,449	3,625,132	8649	0	8649		s
SM-1066	435,297	3,625,233	8705	0	8705		s
SM-1067	436,485	3,625,470	8477	0	8477		s
SM-1068	440,182	3,623,040	8091	0	8091		s
SM-1069	440,129	3,622,956	8141	0	8141		s
SM-1070	440,803	3,617,798	8089	0	8089		s
SM-1071	449,142	3,649,319	7333	0	7333		s
SM-1072	448,637	3,629,250	7196	0	7196		s
SM-1073	449,325	3,630,361	7262	0	7262		s
SM-1074	449,277	3,630,294	7258	0	7258		s
SM-1075	449,241	3,630,263	7247	0	7247		s
SM-1076	438,399	3,615,789	8188	0	8188		s
SM-1077	444,060	3,644,834	7641	0	7641		s
SM-1078	444,212	3,645,680	7825	0	7825		s
SM-1079	454,763	3,638,504	6557	0	6557		s
SM-1080	449,068	3,634,478	6950	0	6950		s
SM-1081	447,577	3,633,503	7330	0	7330		s
SM-1082	451,034	3,636,417	7429	0	7429		s
SM-1083	447,725	3,638,038	7425	0	7425		s
SM-1084	446,471	3,637,398	7498	0	7498		s
SM-1085	450,375	3,634,275	7074	0	7074		s

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SM-1086	448,175	3,616,264	7321	0	7321		s
SM-1087	450,656	3,616,748	7228	0	7228		s
SM-1088	444,888	3,627,273	7748	0	7748		s
SM-1089	441,607	3,626,932	7674	0	7674		s
SM-1090	425,046	3,628,784	9186	0	9186		s
SM-1091	479,003	3,639,529	5399	0	5399		s
SM-1092	421,180	3,651,060	6160	0	6160		s
SM-1093	445,889	3,628,465	7342	0	7342		s
SM-1094	445,852	3,628,576	7318	0	7318		s
SM-1095	429,898	3,619,652	7754	0	7754		s
SM-1096	442,189	3,642,617	7861	0	7861		s
SM-1097	444,431	3,641,046	7661	0	7661		s
SM-1098	478,480	3,652,708	5491	0	5491		s
SM-1099	473,173	3,645,251	5803	0	5803		s
SM-1100	450,386	3,634,263	7051	0	7051		s
SM-1101	431,421	3,622,267	8630	0	8630		s
SM-1102	440,030	3,635,594	8089	0	8089		s
PN 00166	455,330	3,626,534	6752	260	6492		w
PN 00343	457,020	3,632,990	6757	600	6157		w
PN 00348	445,694	3,643,453	7409	400	7009		w
PN 00407	438,921	3,633,802	8567	290	8277		w
PN 00583	446,385	3,642,370	7257	350	6907		w
PN 00603	459,778	3,648,229	6593	415	6178		w
PN 00675	438,425	3,634,627	7716	184	7532		w
PN 00728	450,240	3,645,549	7668	270	7398		w
PN 00729	455,646	3,625,420	6912	320	6592		w
PN 00753	456,661	3,624,607	6674	94	6580		w
PN 00763	442,570	3,629,791	7727	150	7577		w
PN 00768	449,107	3,632,171	7386	150	7236		w
PN 00776	452,823	3,645,282	7349	460	6889		w
PN 00778	441,057	3,634,917	7330	154	7176		w
PN 00786	443,258	3,627,488	7803	30	7773		w
PN 00787	449,823	3,619,558	7275	610	6665		w
PN 00793	433,762	3,645,258	8806	100	8706		w
PN 00799	439,811	3,627,141	7980	49	7931		w
PN 00806	457,245	3,635,239	6685	396	6289		w
PN 00809	459,466	3,642,536	6308	122	6186		w
PN 00816	434,349	3,644,816	8846	360	8486		w
PN 00819	459,182	3,648,431	6597	25	6572		w
PN 00822	439,437	3,636,284	7763	540	7223		w
PN 00831	456,030	3,623,803	6722	160	6562		w
PN 00832	445,487	3,642,848	7353	372	6981		w
PN 00864	449,544	3,645,821	7777	270	7507		w
RA 10036	489,994	3,651,874	5097	225	4872		w
RA 10136	483,715	3,649,226	5543	530	5013		w
RA 10228	482,050	3,660,778	6004	440	5564		w
T 02252	425,742	3,644,867	7435	10	7425		w
T 03669	426,308	3,638,141	9224	335	8889		w
T 03724	426,311	3,638,543	9213	369	8844		w
T 03940	422,136	3,649,952	6074	40	6034		w
T 04021	423,563	3,643,939	6903	32	6871		w