

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998

[Shading denotes water levels measured during injection periods; asterisk (*) by date denotes measurement during temporary pause (April 28 through May 6, 1998) in injection test. Depth to water in feet below land surface; altitude, altitude of potentiometric surface in feet above sea level. —, no data]

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
6N/12W-9H3											
11-07-96	1201	445.3	2,165	02-20-97	1045	442.6	2,167	02-20-98	1241	442.8	2,167
11-12-96	1059	445.1	2,165	03-20-97	0851	443.0	2,167	03-19-98	1120	442.2	2,168
11-13-96	1509	444.8	2,165	04-14-97	0538	443.2	2,167	04-10-98	1019	442.5	2,168
11-14-96	0928	444.6	2,165	05-30-97	0507	445.4	2,165	04-29-98*	1124	442.8	2,167
11-15-96	1120	444.4	2,166	06-19-97	0527	445.6	2,164	05-27-98	1553	443.4	2,167
11-22-96	1230	444.5	2,166	09-02-97	1240	448.5	2,162	06-15-98	1358	444.3	2,166
12-10-96	0857	443.8	2,166	10-16-97	1448	446.6	2,163	07-01-98	1209	444.2	2,166
12-30-96	1014	443.2	2,167	11-24-97	1606	445.8	2,164	08-04-98	1313	445.8	2,164
01-29-97	1106	442.7	2,167	01-09-98	1600	443.5	2,167	09-03-98	1330	445.1	2,165
6N/12W-12M2											
11-07-96	1424	433.6	2,126	12-30-96	0922	433.2	2,127	06-19-97	0836	434.1	2,126
11-12-96	1010	433.3	2,127	01-29-97	1004	433.3	2,127	07-22-97	0942	434.5	2,126
11-13-96	1434	433.2	2,127	02-20-97	0959	433.4	2,127	10-17-97	0929	434.9	2,125
11-14-96	0848	433.0	2,127	03-19-97	1137	433.5	2,127	11-24-97	1503	434.9	2,125
11-15-96	1238	432.9	2,127	03-24-97	—	433.5	2,127	02-20-98	1125	434.6	2,125
11-22-96	1137	433.1	2,127	04-14-97	0726	433.7	2,126	04-10-98	0936	434.5	2,126
12-10-96	0830	433.0	2,127	05-06-97	0927	433.7	2,126	05-27-98	0850	434.6	2,125
6N/12W-16A2											
10-04-96	1251	469.4	2,171	11-12-96	1037	466.8	2,173	03-21-97	1355	463.9	2,176
10-18-96	0825	472.7	2,167	11-14-96	0953	466.4	2,174	04-14-97	0601	464.1	2,176
10-21-96	1013	468.3	2,172	11-15-96	1103	466.2	2,174	06-19-97	0617	469.6	2,170
10-22-96	1126	467.4	2,173	11-22-96	1206	465.8	2,174	09-02-97	1310	469.7	2,170
10-22-96	1643	466.8	2,173	12-30-96	0947	464.6	2,175	10-17-97	0848	469.0	2,171
10-31-96	1654	466.4	2,174	01-29-97	1037	463.8	2,176	11-24-97	1533	465.6	2,174
11-07-96	1132	466.6	2,173	02-20-97	1423	463.5	2,177	01-09-98	1623	463.1	2,177

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-22K1											
04-01-96	1000	258.5	2,149	08-30-96	1350	263.0	2,144	04-22-97	0937	261.8	2,145
04-03-96	1027	258.1	2,149	10-04-96	1605	262.2	2,145	04-28-97	1031	261.8	2,145
04-04-96	1318	258.2	2,149	10-18-96	0736	263.1	2,144	05-06-97	0803	262.1	2,145
04-08-96	0856	257.8	2,149	10-21-96	0857	263.4	2,144	05-30-97	1019	261.8	2,145
04-08-96	1435	258.1	2,149	10-22-96	0811	263.4	2,144	06-19-97	0748	262.2	2,145
04-08-96	1604	258.1	2,149	10-22-96	1404	263.2	2,144	07-22-97	1012	263.2	2,144
04-08-96	1650	258.1	2,149	10-30-96	1148	262.7	2,144	09-02-97	1519	264.0	2,143
04-09-96	1019	258.0	2,149	11-07-96	0920	261.2	2,146	10-17-97	0801	264.2	2,143
04-09-96	1632	257.9	2,149	11-12-96	1230	262.4	2,145	01-09-98	1306	261.9	2,145
04-10-96	1221	257.8	2,149	11-13-96	0939	262.5	2,145	02-20-98	1026	261.3	2,146
04-10-96	1640	257.7	2,149	11-13-96	1634	262.4	2,145	03-18-98	1737	259.8	2,147
04-11-96	0709	257.7	2,149	11-14-96	1111	262.3	2,145	03-19-98	1455	260.1	2,147
04-11-96	1515	258.0	2,149	11-15-96	1216	262.2	2,145	04-10-98	0902	259.4	2,148
04-15-96	1639	258.4	2,149	11-22-96	1347	262.4	2,145	04-29-98*	1318	259.3	2,148
04-22-96	1632	258.3	2,149	12-10-96	1038	261.4	2,146	05-27-98	0817	259.0	2,148
05-02-96	1637	259.4	2,148	01-29-97	1249	258.6	2,148	06-15-98	1345	259.0	2,148
05-06-96	0807	259.4	2,148	02-20-97	1154	259.7	2,147	06-30-98	1217	262.0	2,145
05-06-96	1254	259.5	2,148	03-19-97	1312	261.5	2,146	08-04-98	1218	262.6	2,145
05-06-96	1613	259.6	2,147	04-14-97	0839	261.6	2,145	09-03-98	1252	262.6	2,144
05-13-96	1602	260.2	2,147	04-17-97	0804	261.7	2,145				
06-04-96	0721	260.7	2,146	04-17-97	1500	261.7	2,145				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-26K3											
04-01-96	1700	320.1	2,139	08-30-96	1226	331.4	2,128	04-17-97	1523	320.4	2,139
04-03-96	1116	320.0	2,139	10-04-96	1547	332.1	2,127	04-22-97	0757	320.9	2,138
04-04-96	1416	320.0	2,139	10-18-96	0752	332.5	2,127	04-28-97	—	321.4	2,138
04-08-96	1730	320.1	2,139	10-21-96	0844	332.4	2,127	05-06-97	0823	321.8	2,137
04-09-96	1005	319.9	2,139	10-22-96	0912	331.7	2,127	05-30-97	0548	329.7	2,129
04-09-96	1717	320.0	2,139	10-22-96	1455	331.5	2,128	06-19-97	0802	330.0	2,129
04-10-96	1235	319.9	2,139	10-31-96	1230	326.5	2,133	07-22-97	0737	330.9	2,128
04-10-96	1654	319.8	2,139	11-07-96	1005	325.2	2,134	09-02-97	1716	333.7	2,125
04-11-96	0720	319.8	2,139	11-12-96	1215	324.2	2,135	10-17-97	0640	334.4	2,125
04-11-96	1504	319.7	2,139	11-13-96	1007	324.2	2,135	11-24-97	1431	332.9	2,126
04-15-96	1755	319.5	2,140	11-13-96	1619	324.2	2,135	01-09-98	1408	329.6	2,129
04-22-96	1615	319.3	2,140	11-14-96	1055	323.9	2,135	02-20-98	0852	323.5	2,136
05-02-96	1815	319.9	2,139	11-15-96	1203	323.7	2,135	03-19-98	0754	322.3	2,137
05-06-96	0704	320.2	2,139	11-22-96	1331	322.7	2,136	03-19-98	1430	322.5	2,137
05-06-96	1232	320.3	2,139	12-10-96	1018	321.5	2,138	04-10-98	0847	321.5	2,138
05-06-96	1633	320.4	2,139	12-30-96	1121	319.9	2,139	04-29-98*	1220	320.7	2,138
05-13-96	1617	321.5	2,138	01-29-97	1228	318.3	2,141	05-27-98	0645	320.1	2,139
05-23-96	1728	324.6	2,134	02-20-97	1138	318.3	2,141	06-15-98	1239	320.9	2,138
06-04-96	0542	330.3	2,129	03-19-97	1255	320.2	2,139	06-30-98	1134	323.2	2,136
06-30-96	1736	332.6	2,126	04-14-97	0818	320.2	2,139	08-04-98	1129	332.3	2,127
07-24-96	1550	333.4	2,126	04-17-97	0649	320.5	2,139	09-03-98	1200	330.0	2,129

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27F1											
12-08-95	0820	310.4	2,134	05-23-96	1656	311.8	2,132	04-14-97	0916	299.9	2,144
01-24-96	1535	306.2	2,138	06-04-96	0642	315.3	2,129	04-17-97	0754	300.2	2,144
01-30-96	1210	307.7	2,136	06-30-96	1612	317.7	2,126	04-17-97	1444	300.7	2,143
04-03-96	0831	304.0	2,140	07-24-96	1510	318.6	2,125	04-22-97	0654	302.3	2,142
04-04-96	1341	303.7	2,140	08-30-96	1140	320.1	2,124	04-28-97	1004	302.7	2,141
04-08-96	0732	303.6	2,140	10-04-96	1741	319.6	2,124	05-06-97	0740	303.0	2,141
04-08-96	1404	303.4	2,141	10-18-96	0651	320.6	2,123	05-30-97	0612	309.8	2,134
04-08-96	1530	303.3	2,141	10-21-96	0708	320.7	2,123	06-19-97	0726	309.2	2,135
04-08-96	1707	303.2	2,141	10-22-96	0738	316.5	2,128	07-22-97	0828	314.7	2,129
04-09-96	0750	302.9	2,141	10-22-96	1335	316.1	2,128	09-02-97	1731	318.0	2,126
04-09-96	1618	302.8	2,141	10-31-96	0903	313.1	2,131	10-17-97	0724	320.8	2,123
04-10-96	1155	302.7	2,141	11-07-96	0852	311.3	2,133	11-24-97	1238	317.8	2,126
04-10-96	1745	302.6	2,141	11-12-96	1258	311.4	2,133	01-09-98	1520	313.6	2,130
04-11-96	0647	302.5	2,142	11-13-96	0846	310.3	2,134	02-20-98	0758	308.1	2,136
04-11-96	1635	302.4	2,142	11-13-96	1655	310.1	2,134	04-10-98	0732	304.2	2,140
04-15-96	1835	302.3	2,142	11-14-96	1136	309.8	2,134	04-29-98*	1343	303.3	2,141
04-22-96	1139	301.9	2,142	11-15-96	1010	309.5	2,135	05-27-98	1251	302.1	2,142
05-02-96	1702	303.6	2,140	11-22-96	1414	308.7	2,135	06-15-98	1139	301.9	2,142
05-06-96	0734	303.7	2,140	12-10-96	1111	306.4	2,138	06-30-98	1244	305.8	2,138
05-06-96	0916	303.8	2,140	12-30-96	1201	302.6	2,141	08-04-98	1529	318.0	2,126
05-06-96	1125	304.0	2,140	01-29-97	1319	300.0	2,144	09-03-98	1436	315.7	2,128
05-06-96	1534	304.2	2,140	02-20-97	1216	299.0	2,145				
05-13-96	1514	305.9	2,138	03-19-97	1342	300.8	2,143				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27F3											
03-25-96	0752	294.0	2,146	05-23-96	1138	309.9	2,130	02-20-97	1226	283.5	2,157
04-03-96	0923	293.0	2,147	05-23-96	1623	312.9	2,127	03-19-97	1352	285.2	2,155
04-04-96	1552	292.8	2,147	06-04-96	0651	321.3	2,119	04-14-97	0904	284.3	2,156
04-08-96	0725	293.4	2,147	06-30-96	1559	325.0	2,115	04-17-97	0744	284.7	2,155
04-08-96	1413	293.2	2,147	07-24-96	1455	327.3	2,113	04-17-97	1438	285.0	2,155
04-08-96	1542	293.2	2,147	08-30-96	1126	329.2	2,111	04-22-97	0643	286.7	2,153
04-08-96	1701	293.1	2,147	10-04-96	1037	326.3	2,114	04-28-97	0953	287.2	2,153
04-09-96	0739	292.8	2,147	10-18-96	0701	326.9	2,113	05-06-97	0708	290.0	2,150
04-09-96	1610	292.8	2,147	10-21-96	0746	326.6	2,113	05-30-97	0625	308.1	2,132
04-10-96	1143	292.7	2,147	10-22-96	0728	313.1	2,127	06-19-97	0907	304.8	2,135
04-10-96	1740	292.7	2,147	10-22-96	1326	312.1	2,128	09-02-97	1739	322.2	2,118
04-11-96	0640	292.3	2,148	10-31-96	0940	307.3	2,133	10-17-97	0748	325.0	2,115
04-11-96	1619	292.2	2,148	11-07-96	0814	300.3	2,140	11-24-97	1226	312.4	2,128
04-15-96	1823	291.8	2,148	11-12-96	1307	299.9	2,140	01-09-98	1723	304.6	2,135
04-22-96	1127	292.4	2,148	11-13-96	0903	298.6	2,141	02-20-98	0740	293.3	2,147
05-02-96	1710	295.8	2,144	11-13-96	1702	298.3	2,142	04-10-98	0711	286.1	2,154
05-06-96	0740	296.4	2,144	11-14-96	1143	297.8	2,142	04-29-98*	1353	285.4	2,155
05-06-96	0923	296.6	2,143	11-15-96	1000	297.4	2,143	05-27-98	1315	283.2	2,157
05-06-96	1115	296.7	2,143	11-22-96	1421	295.6	2,144	06-15-98	1127	283.4	2,157
05-06-96	1527	297.0	2,143	12-10-96	1102	291.5	2,149	06-30-98	1255	288.6	2,151
05-13-96	1504	299.9	2,140	12-30-96	1155	286.1	2,154	08-04-98	1544	324.1	2,116
05-23-96	0807	303.9	2,136	01-29-97	1332	279.4	2,161	09-03-98	0855	318.1	2,122

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27F5											
02-26-96	1627	289.8	2,151.8	07-24-96	1331	325.8	2,115.8	05-05-97	1657	284.6	2,157.0
03-20-96	1314	291.7	2,149.9	07-26-96	1528	325.9	2,115.7	05-06-97	1123	284.5	2,157.1
03-28-96	0842	289.8	2,151.8	08-30-96	1012	327.8	2,113.8	05-28-97	1726	317.4	2,124.2
03-29-96	0807	289.7	2,151.9	10-03-96	1203	326.5	2,115.1	05-30-97	0841	305.6	2,136.0
04-01-96	0755	290.7	2,150.9	10-18-96	1541	325.5	2,116.1	06-18-97	1105	300.7	2,140.9
04-02-96	0816	289.7	2,151.9	10-28-96	1234	304.3	2,137.3	06-20-97	0808	300.0	2,141.6
04-04-96	0815	289.5	2,152.1	10-29-96	0706	303.7	2,137.9	07-21-97	1112	321.8	2,119.8
04-08-96	0818	290.2	2,151.4	11-02-96	0931	303.0	2,138.6	09-02-97	1108	325.8	2,115.8
04-09-96	0744	290.2	2,151.4	11-09-96	1122	298.0	2,143.6	10-16-97	1123	325.3	2,116.3
04-10-96	0707	290.3	2,151.3	11-14-96	1614	295.9	2,145.7	11-24-97	0827	315.0	2,126.6
04-11-96	0937	290.2	2,151.4	11-23-96	1016	293.2	2,148.4	01-09-98	1103	303.0	2,138.6
04-15-96	1106	289.7	2,151.9	11-24-96	1222	293.0	2,148.6	02-17-98	1214	288.9	2,152.7
04-22-96	0927	290.8	2,150.8	12-09-96	1544	289.1	2,152.5	04-07-98	1306	282.6	2,159.0
04-23-96	0818	291.2	2,150.4	12-29-96	0940	284.6	2,157.0	04-28-98*	1724	281.1	2,160.5
05-02-96	1204	293.9	2,147.7	01-29-97	1702	278.8	2,162.8	05-26-98	1643	279.8	2,161.8
05-05-96	1733	294.6	2,147.0	02-20-97	1526	280.4	2,161.2	06-29-98	1742	283.7	2,157.9
05-13-96	0908	297.3	2,144.3	03-19-97	1607	281.5	2,160.1	08-03-98	1802	313.7	2,127.9
05-23-96	0855	302.9	2,138.7	04-11-97	1101	280.7	2,160.9	09-03-98	0617	314.7	2,126.9
06-03-96	1825	319.0	2,122.6	04-16-97	1521	281.2	2,160.4				
06-30-96	1043	323.5	2,118.1	05-05-97	0903	283.5	2,158.1				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27F6											
02-26-96	1636	304.0	2,137.6	07-24-96	1337	338.0	2,103.6	04-16-97	1531	295.6	2,146.0
03-20-96	1324	304.8	2,136.8	07-26-96	1536	338.0	2,103.6	05-05-97	0912	303.3	2,138.3
03-28-96	0849	303.6	2,138.0	08-30-96	1021	337.8	2,103.8	05-05-97	1703	303.0	2,138.6
03-29-96	0759	303.6	2,138.0	10-03-96	1217	337.2	2,104.4	05-06-97	1126	302.9	2,138.7
04-01-96	0806	303.5	2,138.1	10-18-96	1553	339.8	2,101.8	05-29-97	0657	332.3	2,109.3
04-02-96	0826	303.4	2,138.2	10-28-96	1238	315.5	2,126.1	05-30-97	0849	322.9	2,118.7
04-04-96	0823	302.8	2,138.8	10-28-96	1319	315.5	2,126.1	06-18-97	1112	322.1	2,119.5
04-08-96	0823	303.2	2,138.4	10-29-96	0709	315.1	2,126.5	06-20-97	0815	322.7	2,118.9
04-09-96	0748	300.2	2,141.4	11-01-96	0911	314.5	2,127.1	07-21-97	1124	336.6	2,105.0
04-10-96	0715	300.2	2,141.4	11-02-96	0756	314.8	2,126.8	09-02-97	1121	341.2	2,100.4
04-11-96	0944	298.2	2,143.4	11-09-96	1135	311.4	2,130.2	10-16-97	1138	341.2	2,100.4
04-11-96	1025	298.2	2,143.4	11-14-96	1622	304.6	2,137.0	11-24-97	0842	335.1	2,106.5
04-15-96	1114	296.9	2,144.7	11-23-96	1026	302.6	2,139.0	01-09-98	1119	325.2	2,116.4
04-22-96	0935	296.7	2,144.9	11-24-96	1213	302.5	2,139.1	02-17-98	1229	307.9	2,133.7
05-02-96	1212	298.0	2,143.6	12-09-96	1554	300.9	2,140.7	04-07-98	1326	304.1	2,137.5
05-05-96	1741	298.1	2,143.5	12-29-96	0950	297.8	2,143.8	04-28-98*	1736	298.8	2,142.8
05-13-96	0916	305.7	2,135.9	01-29-97	1713	294.9	2,146.7	05-26-98	1654	297.5	2,144.1
05-23-96	0859	317.8	2,123.8	02-20-97	1546	294.9	2,146.7	06-29-98	1836	305.2	2,136.4
06-03-96	1835	336.8	2,104.8	03-19-97	1620	295.9	2,145.7	08-03-98	1810	330.9	2,110.7
06-30-96	1050	339.8	2,101.8	04-11-97	1113	295.3	2,146.3	09-03-98	0634	330.0	2,111.6

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27F7											
02-26-96	1647	304.6	2,137.0	07-26-96	1544	341.0	2,100.6	05-05-97	1708	306.2	2,135.4
03-28-96	0852	305.8	2,135.8	08-30-96	0954	341.8	2,099.8	05-06-97	1130	306.0	2,135.6
03-29-96	0803	303.8	2,137.8	10-03-96	1309	339.8	2,101.8	05-29-97	1039	332.8	2,108.8
04-01-96	0810	305.2	2,136.4	10-18-96	1607	340.1	2,101.5	05-30-97	0923	322.8	2,118.8
04-02-96	0837	304.9	2,136.7	10-28-96	1243	318.3	2,123.3	06-18-97	1121	319.6	2,122.0
04-04-96	0830	303.8	2,137.8	10-29-96	0717	317.8	2,123.8	06-20-97	0824	320.0	2,121.6
04-08-96	0828	303.6	2,138.0	11-02-96	1151	316.7	2,124.9	07-21-97	1135	335.9	2,105.7
04-09-96	0752	302.1	2,139.5	11-09-96	1147	312.0	2,129.6	09-02-97	1130	341.6	2,100.0
04-10-96	0723	302.1	2,139.5	11-14-96	1632	309.8	2,131.8	10-16-97	1147	342.5	2,099.1
04-11-96	0957	301.1	2,140.5	11-23-96	1046	308.3	2,133.3	11-24-97	0857	335.1	2,106.5
04-15-96	1123	300.8	2,140.8	11-24-96	1234	308.1	2,133.5	01-09-98	1128	321.7	2,119.9
04-22-96	0944	300.6	2,141.0	12-09-96	1601	305.3	2,136.3	02-17-98	1239	309.5	2,132.1
05-02-96	1218	304.6	2,137.0	12-29-96	0958	299.9	2,141.7	04-07-98	1340	301.7	2,139.9
05-05-96	1746	304.9	2,136.7	01-29-97	1722	295.7	2,145.9	04-28-98*	1749	299.4	2,142.2
05-13-96	0922	310.1	2,131.5	02-20-97	1555	296.8	2,144.8	05-26-98	1705	298.0	2,143.6
05-23-96	0906	319.0	2,122.6	03-19-97	1630	301.0	2,140.6	06-30-98	0538	307.1	2,134.5
06-03-96	1841	335.7	2,105.9	04-11-97	1122	299.6	2,142.0	08-03-98	1820	329.8	2,111.8
06-30-96	1057	340.0	2,101.6	04-16-97	1539	300.7	2,140.9	09-03-98	0647	330.1	2,111.5
07-24-96	1346	340.9	2,100.7	05-05-97	0915	306.1	2,135.5				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27F8											
02-26-96	1652	304.7	2,136.9	07-26-96	1552	330.2	2,111.4	05-05-97	1716	304.6	2,137.0
03-28-96	0845	305.5	2,136.1	08-30-96	1027	331.4	2,110.2	05-06-97	1135	304.4	2,137.2
03-29-96	0956	305.5	2,136.1	10-03-96	1332	330.4	2,111.2	05-28-97	1525	327.1	2,114.5
04-01-96	0813	305.1	2,136.5	10-18-96	1621	331.3	2,110.3	05-30-97	0930	314.4	2,127.2
04-02-96	0843	304.9	2,136.7	10-28-96	1247	315.5	2,126.1	06-18-97	1127	312.4	2,129.2
04-04-96	0836	304.2	2,137.4	10-29-96	0720	315.2	2,126.4	06-20-97	0832	312.5	2,129.1
04-08-96	0836	304.0	2,137.6	11-02-96	1049	314.4	2,127.2	07-21-97	1145	331.0	2,110.6
04-09-96	0757	303.1	2,138.5	11-09-96	1056	311.4	2,130.2	09-02-97	1140	331.1	2,110.5
04-10-96	0731	303.1	2,138.5	11-14-96	1642	309.8	2,131.8	10-16-97	1258	332.5	2,109.1
04-11-96	1004	302.5	2,139.1	11-23-96	1056	308.5	2,133.1	11-24-97	0909	327.3	2,114.3
04-15-96	1128	302.4	2,139.2	11-24-96	1243	308.3	2,133.3	01-09-98	1137	315.8	2,125.8
04-22-96	0952	302.1	2,139.5	12-09-96	1612	305.8	2,135.8	02-17-98	1246	309.1	2,132.5
05-02-96	1226	304.7	2,136.9	12-29-96	1008	301.6	2,140.0	04-07-98	1352	303.4	2,138.2
05-05-96	1752	304.9	2,136.7	01-29-97	1730	299.0	2,142.6	04-28-98*	1800	301.9	2,139.7
05-13-96	0935	308.4	2,133.2	02-20-97	1604	298.2	2,143.4	05-26-98	1717	301.1	2,140.5
05-23-96	0911	313.3	2,128.3	03-19-97	1638	301.0	2,140.6	06-30-98	0632	306.7	2,134.9
06-03-96	1846	325.8	2,115.8	04-11-97	1132	299.8	2,141.8	08-03-98	1834	323.3	2,118.3
06-30-96	1102	329.3	2,112.3	04-16-97	1550	300.6	2,141.0	09-03-98	0701	324.4	2,117.2
07-24-96	1351	330.1	2,111.5	05-05-97	0920	305.2	2,136.4				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27H1											
04-03-96	1044	310.9	2,138	06-30-96	1620	325.5	2,124	04-17-97	0724	306.2	2,143
04-04-96	1332	310.8	2,138	07-24-96	1520	326.9	2,122	04-17-97	1451	306.6	2,142
04-08-96	0843	310.6	2,138	08-30-96	1150	327.2	2,122	04-22-97	0710	307.9	2,141
04-08-96	1422	310.5	2,139	10-04-96	1728	327.4	2,122	04-28-97	1015	308.2	2,141
04-08-96	1552	310.4	2,139	10-18-96	0717	328.9	2,120	05-06-97	0751	308.6	2,140
04-08-96	1717	310.3	2,139	10-21-96	0743	328.7	2,120	05-30-97	0603	320.4	2,129
04-09-96	1032	310.0	2,139	10-22-96	0754	324.6	2,124	06-19-97	0735	320.3	2,129
04-09-96	1643	310.0	2,139	10-22-96	1348	324.2	2,125	07-22-97	0842	322.0	2,127
04-10-96	1209	309.9	2,139	10-30-96	1131	320.8	2,128	09-02-97	1629	326.3	2,123
04-10-96	1730	309.8	2,139	11-07-96	0907	318.8	2,130	10-17-97	0714	329.9	2,119
04-11-96	0858	309.7	2,139	11-12-96	1245	318.6	2,130	11-24-97	1248	329.4	2,120
04-11-96	1529	309.6	2,139	11-13-96	0921	317.7	2,131	01-09-98	1507	326.2	2,123
04-15-96	1652	309.3	2,140	11-13-96	1646	317.6	2,131	02-20-98	0812	316.7	2,132
04-22-96	1600	308.8	2,140	11-14-96	1126	317.3	2,132	03-18-98	1800	315.3	2,134
05-02-96	1724	309.5	2,140	11-15-96	0940	317.1	2,132	04-10-98	0742	312.5	2,137
05-06-96	0754	309.5	2,140	11-22-96	1358	316.0	2,133	04-29-98*	1331	311.2	2,138
05-06-96	0904	309.6	2,139	12-10-96	1052	313.7	2,135	05-27-98	1303	309.8	2,139
05-06-96	1137	309.7	2,139	12-30-96	1140	310.3	2,139	06-15-98	1152	309.3	2,140
05-06-96	1602	309.8	2,139	01-29-97	1307	307.3	2,142	06-30-98	1230	312.0	2,137
05-13-96	1542	312.2	2,137	02-20-97	1205	306.2	2,143	08-04-98	1516	324.2	2,125
05-23-96	1715	319.4	2,130	03-19-97	1327	307.2	2,142	09-03-98	1423	322.7	2,126
06-04-96	0632	322.8	2,126	04-14-97	0853	306.0	2,143				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27H5											
03-19-96	1026	315.3	2,134	06-30-96	1701	384.6	2,064	05-05-97	1118	297.5	2,152
03-19-96	1531	314.3	2,135	07-24-96	1611	385.2	2,064	05-06-97	1047	298.5	2,151
03-20-96	0853	311.5	2,138	08-30-96	1258	384.3	2,065	05-29-97	1515	370.5	2,079
03-21-96	1057	321.3	2,128	10-04-96	1634	384.2	2,065	06-18-97	0945	348.8	2,100
03-22-96	1131	308.5	2,141	10-18-96	0924	369.7	2,079	07-22-97	0646	357.6	2,091
03-26-96	1349	305.2	2,144	10-21-96	0815	368.2	2,081	09-02-97	1643	380.1	2,069
03-29-96	1139	303.4	2,146	10-21-96	0832	369.6	2,079	10-17-97	0613	390.4	2,059
04-02-96	1107	302.4	2,147	10-22-96	0834	345.0	2,104	11-24-97	1410	379.6	2,069
04-03-96	0825	302.2	2,147	10-22-96	1418	342.9	2,106	01-09-98	1349	368.9	2,080
04-04-96	1017	302.0	2,147	10-30-96	1205	322.7	2,126	02-20-98	0925	305.9	2,143
04-08-96	0857	301.5	2,148	11-06-96	1526	316.9	2,132	03-19-98	0649	308.2	2,141
04-09-96	1337	301.0	2,148	11-09-96	1445	314.9	2,134	03-19-98	1600	306.7	2,142
04-10-96	0912	300.8	2,148	11-15-96	0805	311.8	2,137	04-10-98	0826	299.1	2,150
04-11-96	1314	300.6	2,148	11-24-96	1459	308.5	2,141	04-29-98*	1249	296.0	2,153
04-15-96	1407	299.8	2,149	12-09-96	1117	304.7	2,144	05-27-98	0738	293.2	2,156
04-23-96	0514	299.6	2,149	12-29-96	1803	299.8	2,149	06-15-98	1222	292.9	2,156
05-02-96	1446	301.3	2,148	01-30-97	0747	294.7	2,154	06-30-98	1200	297.0	2,152
05-05-96	1322	301.7	2,147	02-21-97	0818	294.5	2,155	08-04-98	1156	362.4	2,087
05-13-96	1107	306.3	2,143	03-20-97	0602	295.4	2,154	09-03-98	1235	331.0	2,118
05-23-96	1332	356.9	2,092	04-11-97	1412	294.4	2,155				
06-04-96	0502	382.1	2,067	04-16-97	1734	294.7	2,154				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27H7											
03-19-96	1041	313.0	2,136	06-04-96	0516	368.1	2,081	04-16-97	1750	302.1	2,147
03-19-96	1554	313.9	2,135	06-30-96	1717	376.1	2,073	05-05-97	1127	307.4	2,142
03-20-96	0843	315.2	2,134	07-24-96	1622	374.3	2,075	05-06-97	1051	308.6	2,140
03-21-96	1114	316.8	2,132	08-30-96	1312	368.6	2,080	05-29-97	1529	353.4	2,096
03-22-96	1149	314.7	2,134	10-04-96	1645	367.6	2,081	06-18-97	1006	349.5	2,100
03-26-96	1405	312.4	2,137	10-18-96	0940	368.3	2,081	07-22-97	0703	348.2	2,101
03-29-96	1234	311.0	2,138	10-21-96	0810	368.0	2,081	09-02-97	1655	364.8	2,084
04-02-96	1118	310.3	2,139	10-22-96	0945	337.7	2,111	10-17-97	0626	372.7	2,076
04-03-96	0842	310.1	2,139	10-22-96	1430	333.7	2,115	11-24-97	1416	367.3	2,082
04-04-96	1042	309.8	2,139	10-30-96	1214	321.5	2,128	01-09-98	1356	359.3	2,090
04-08-96	0926	309.3	2,140	11-06-96	1512	318.7	2,130	02-20-98	0940	314.3	2,135
04-09-96	1409	308.6	2,140	11-09-96	1509	316.8	2,132	03-19-98	0734	314.0	2,135
04-10-96	0921	307.9	2,141	11-15-96	0822	312.2	2,137	03-19-98	1613	313.5	2,136
04-11-96	1323	307.1	2,142	11-24-96	1514	310.2	2,139	04-10-98	0832	309.4	2,140
04-15-96	1419	305.0	2,144	12-09-96	1131	308.3	2,141	04-29-98*	1258	305.8	2,143
04-23-96	0541	303.9	2,145	12-29-96	1825	304.6	2,144	05-27-98	0756	303.4	2,146
05-02-96	1457	304.2	2,145	01-30-97	0811	301.6	2,147	06-15-98	1226	303.3	2,146
05-05-96	1307	304.3	2,145	02-21-97	0837	301.4	2,148	06-30-98	1205	310.3	2,139
05-13-96	1118	307.9	2,141	03-20-97	0625	302.9	2,146	08-04-98	1202	351.4	2,098
05-23-96	1343	344.5	2,105	04-11-97	1434	301.8	2,147	09-03-98	1240	343.3	2,106

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27J5											
03-19-96	1112	318.9	2,130	07-24-96	1602	343.3	2,106	05-29-97	1354	335.6	2,113
03-28-96	1034	308.2	2,141	08-30-96	1249	339.4	2,110	06-18-97	0935	327.9	2,121
03-28-96	1114	308.2	2,141	10-04-96	1655	339.0	2,110	07-22-97	0724	332.5	2,117
03-29-96	1326	308.2	2,141	10-18-96	0947	338.3	2,111	09-02-97	1703	338.1	2,111
04-02-96	1157	307.7	2,141	10-21-96	0823	340.1	2,109	10-17-97	0600	344.6	2,104
04-03-96	1504	307.4	2,142	10-22-96	0855	323.8	2,125	11-24-97	1401	340.6	2,108
04-04-96	1116	307.4	2,142	10-22-96	1440	322.9	2,126	01-09-98	1341	335.4	2,114
04-08-96	0956	307.1	2,142	10-31-96	1206	317.0	2,132	02-20-98	0910	312.5	2,137
04-09-96	1254	306.3	2,143	11-09-96	1413	314.4	2,135	03-19-98	0626	311.2	2,138
04-10-96	0957	306.2	2,143	11-15-96	0901	312.6	2,136	03-19-98	1550	310.9	2,138
04-11-96	1431	305.8	2,143	11-24-96	1407	311.7	2,137	04-10-98	0811	308.3	2,141
04-15-96	1539	305.1	2,144	12-09-96	1034	309.7	2,139	04-29-98*	1239	306.8	2,142
04-23-96	0649	304.9	2,144	12-29-96	1714	306.5	2,143	05-27-98	0713	305.2	2,144
05-02-96	1541	306.3	2,143	01-28-97	0902	303.7	2,145	06-15-98	1211	305.1	2,144
05-05-96	0857	306.2	2,143	02-21-97	0910	303.2	2,146	06-30-98	1150	309.0	2,140
05-13-96	1219	309.4	2,140	03-20-97	0721	304.4	2,145	08-04-98	1146	336.7	2,112
05-23-96	1249	339.5	2,110	04-11-97	1519	303.3	2,146	09-03-98	1224	326.3	2,123
06-04-96	0524	345.9	2,103	05-05-97	1222	307.6	2,141				
06-30-96	1650	345.3	2,104	05-06-97	1025	306.2	2,143				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27P2											
04-02-96	0922	329.4	2,134	04-15-96	1812	252.1	2,211	11-14-96	1415	294.5	2,169
04-08-96	1318	252.1	2,211	04-22-96	1202	251.5	2,212	11-22-96	0938	281.9	2,181
04-08-96	1450	252.1	2,211	05-02-96	1735	251.2	2,212	12-10-96	1158	275.5	2,188
04-08-96	1618	252.1	2,211	05-06-96	0625	249.2	2,214	12-30-96	0824	265.5	2,198
04-08-96	1751	252.0	2,211	05-06-96	0823	308.0	2,155	01-29-97	0815	256.5	2,207
04-09-96	0814	252.1	2,211	05-06-96	0940	310.4	2,153	02-20-97	1341	252.8	2,210
04-09-96	1600	252.2	2,211	05-06-96	1206	312.7	2,150	03-19-97	1048	246.3	2,217
04-10-96	1308	252.0	2,211	05-06-96	1739	315.3	2,148	04-14-97	1053	238.7	2,224
04-10-96	1715	252.0	2,211	11-12-96	0920	337.3	2,126	04-17-97	1323	308.1	2,155
04-11-96	0808	252.1	2,211	11-13-96	0752	294.8	2,168				
7N/12W-27P3											
04-02-96	0933	329.5	2,133	04-22-96	1216	220.9	2,241	01-29-97	0856	256.5	2,206
04-08-96	1330	259.9	2,202	05-02-96	1750	197.7	2,264	02-20-97	1311	252.1	2,210
04-08-96	1500	258.2	2,204	05-06-96	0634	186.6	2,275	03-19-97	1008	242.9	2,219
04-08-96	1628	257.9	2,204	05-06-96	0837	304.5	2,158	04-14-97	0944	236.0	2,226
04-08-96	1758	255.4	2,207	05-06-96	0950	305.1	2,157	04-17-97	0825	236.1	2,226
04-09-96	0826	246.7	2,215	05-06-96	1149	307.3	2,155	04-17-97	1251	302.6	2,159
04-09-96	1547	272.6	2,189	05-06-96	1729	315.9	2,146	04-22-97	0738	317.8	2,144
04-10-96	1318	243.1	2,219	05-13-96	1643	324.3	2,138	04-22-97	0739	317.9	2,144
04-10-96	1721	241.3	2,221	11-12-96	0803	337.3	2,125	04-28-97	0930	320.8	2,141
04-11-96	0815	237.3	2,225	11-22-96	1038	285.3	2,177	05-06-97	0653	323.0	2,139
04-11-96	1537	236.8	2,225	12-10-96	1130	276.7	2,185				
04-15-96	1806	227.7	2,234	12-30-96	0735	269.2	2,193				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-27P5											
03-20-98	1526	304.4	2,158.3	04-29-98*	0851	300.4	2,162.3	08-03-98	0637	328.7	2,134.0
04-09-98	1214	301.8	2,160.9	05-27-98	1155	299.4	2,163.3	09-02-98	0654	329.5	2,133.2
04-10-98	1318	301.9	2,160.8	06-15-98	0837	299.9	2,162.8				
04-13-98	0829	301.5	2,161.2	06-29-98	1015	302.3	2,160.4				
7N/12W-27P6											
03-20-98	1538	332.0	2,130.7	04-29-98*	0906	325.1	2,137.6	08-03-98	0704	351.2	2,111.5
04-09-98	1601	330.1	2,132.6	05-27-98	1207	295.8	2,166.9	09-02-98	0706	350.2	2,112.5
04-10-98	1338	331.6	2,131.1	06-15-98	0844	294.6	2,168.1				
04-13-98	0841	329.8	2,132.9	06-29-98	1026	330.0	2,132.7				
7N/12W-27P7											
03-20-98	1549	332.0	2,130.7	04-13-98	0903	330.0	2,132.7	06-29-98	1033	330.3	2,132.4
04-09-98	0634	330.3	2,132.4	05-27-98	1213	305.0	2,157.7	08-03-98	0713	346.6	2,116.1
04-10-98	1402	331.2	2,131.5	06-15-98	0850	303.7	2,159.0	09-02-98	0722	347.2	2,115.5
7N/12W-27P8											
03-20-98	1600	332.5	2,130.2	04-29-98*	0925	328.4	2,134.3	08-03-98	0719	335.4	2,127.3
04-08-98	0729	330.8	2,131.9	05-27-98	1225	306.4	2,156.3	09-02-98	0734	336.4	2,126.3
04-10-98	1416	331.5	2,131.2	06-15-98	0856	305.0	2,157.7				
04-13-98	0913	330.5	2,132.2	06-29-98	1051	327.4	2,135.3				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-33R3											
10-21-96	1603	398.8	2,120	12-10-96	0933	389.8	2,129	11-24-97	1333	396.8	2,122
10-22-96	1000	396.3	2,123	12-30-96	1039	388.4	2,131	01-09-98	1538	395.0	2,124
10-22-96	1540	395.8	2,123	01-29-97	1145	387.7	2,131	02-20-98	1333	391.4	2,128
10-31-96	1614	398.6	2,120	02-20-97	1105	386.6	2,132	04-10-98	1045	389.5	2,130
11-07-96	1531	393.5	2,126	04-14-97	0639	385.5	2,134	04-29-98*	1059	389.6	2,129
11-12-96	1141	392.6	2,126	04-17-97	0606	386.4	2,133	05-27-98	1524	387.9	2,131
11-13-96	1047	392.1	2,127	05-30-97	0435	392.1	2,127	06-15-98	1331	387.8	2,131
11-13-96	1546	391.9	2,127	06-19-97	0447	401.2	2,118	06-30-98	1314	389.6	2,129
11-14-96	1023	391.5	2,128	07-22-97	0502	401.5	2,118	08-04-98	1339	403.7	2,115
11-15-96	1135	391.2	2,128	09-02-97	1422	400.0	2,119	09-03-98	1352	394.8	2,124
11-22-96	1254	391.2	2,128	10-16-97	1423	398.2	2,121				

Table 2. Water levels in piezometers and wells measured for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, September 1995 through September 1998—Continued

Measurement		Water level		Measurement		Water level		Measurement		Water level	
Date	Time	Depth	Altitude	Date	Time	Depth	Altitude	Date	Time	Depth	Altitude
7N/12W-34B1											
03-25-96	0924	343.8	2,131	06-04-96	0559	359.4	2,116	04-10-97	1542	334.0	2,141
04-03-96	0945	343.0	2,132	06-30-96	1635	361.8	2,113	04-14-97	0802	334.3	2,141
04-04-96	1400	342.7	2,132	07-24-96	1537	360.8	2,114	04-17-97	0637	334.4	2,141
04-08-96	0828	342.6	2,132	08-30-96	1209	362.9	2,112	04-17-97	1535	336.4	2,139
04-08-96	1353	342.1	2,133	10-04-96	1716	363.2	2,112	04-22-97	0840	338.6	2,136
04-08-96	1515	341.6	2,133	10-18-96	0908	363.8	2,111	04-28-97	0855	339.1	2,136
04-08-96	1742	340.9	2,134	10-21-96	0731	363.7	2,111	05-06-97	0838	339.5	2,136
04-09-96	0943	340.0	2,135	10-22-96	0933	357.8	2,117	05-30-97	0533	356.1	2,119
04-09-96	1702	339.9	2,135	10-22-96	1513	357.2	2,118	06-19-97	0655	356.8	2,118
04-10-96	1254	340.1	2,135	10-31-96	1259	353.4	2,122	07-22-97	0526	360.0	2,115
04-10-96	1706	339.8	2,135	11-07-96	1019	351.9	2,123	09-02-97	1459	364.5	2,111
04-11-96	0757	339.6	2,135	11-07-96	1503	351.8	2,123	10-17-97	0658	367.0	2,108
04-11-96	1543	339.3	2,136	11-12-96	1202	351.4	2,124	11-24-97	1303	366.5	2,109
04-15-96	1726	338.3	2,137	11-13-96	1027	346.5	2,129	01-09-98	1658	363.8	2,111
04-22-96	1542	337.8	2,137	11-13-96	1604	346.2	2,129	02-20-98	0834	349.9	2,125
05-02-96	0937	338.8	2,136	11-14-96	1042	345.6	2,129	04-10-98	0652	345.7	2,129
05-02-96	1803	338.6	2,136	11-15-96	1200	345.2	2,130	04-29-98*	1159	343.7	2,131
05-06-96	0724	338.2	2,137	11-22-96	1317	343.9	2,131	05-27-98	0622	340.7	2,134
05-06-96	0853	338.4	2,137	12-10-96	1001	341.8	2,133	06-15-98	1304	340.3	2,135
05-06-96	1218	339.6	2,135	12-30-96	1104	338.5	2,137	06-30-98	1121	344.2	2,131
05-06-96	1716	340.5	2,135	01-29-97	1211	335.9	2,139	08-04-98	1106	353.8	2,121
05-13-96	1632	343.0	2,132	02-20-97	1126	334.6	2,140	09-03-98	1112	354.1	2,121
05-23-96	1741	355.6	2,119	03-19-97	1239	335.2	2,140				

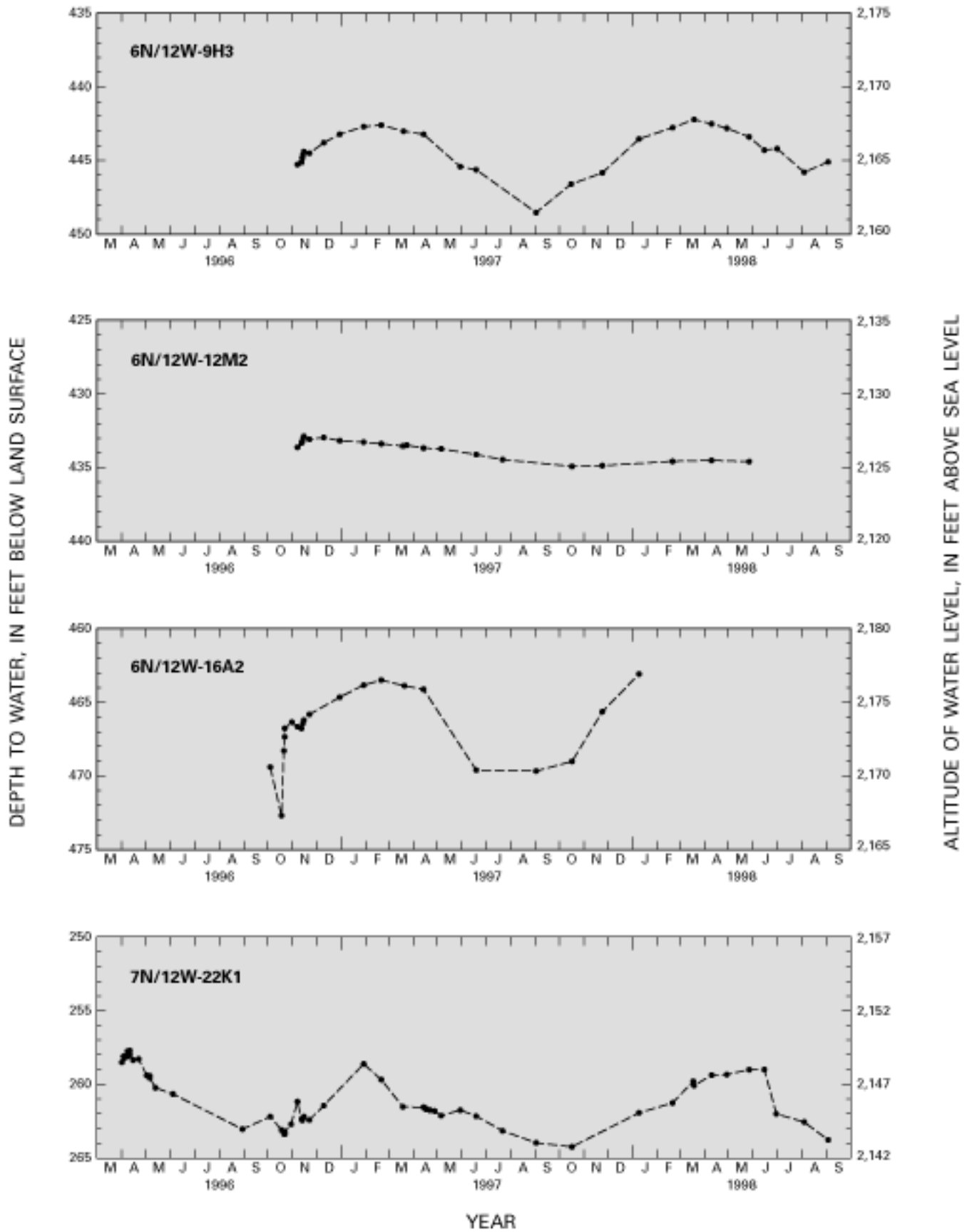


Figure 19. Periodic water levels in wells and piezometers for the injection, storage, and recovery study at Lancaster, Antelope Valley, California, March 1996 through September 1998.

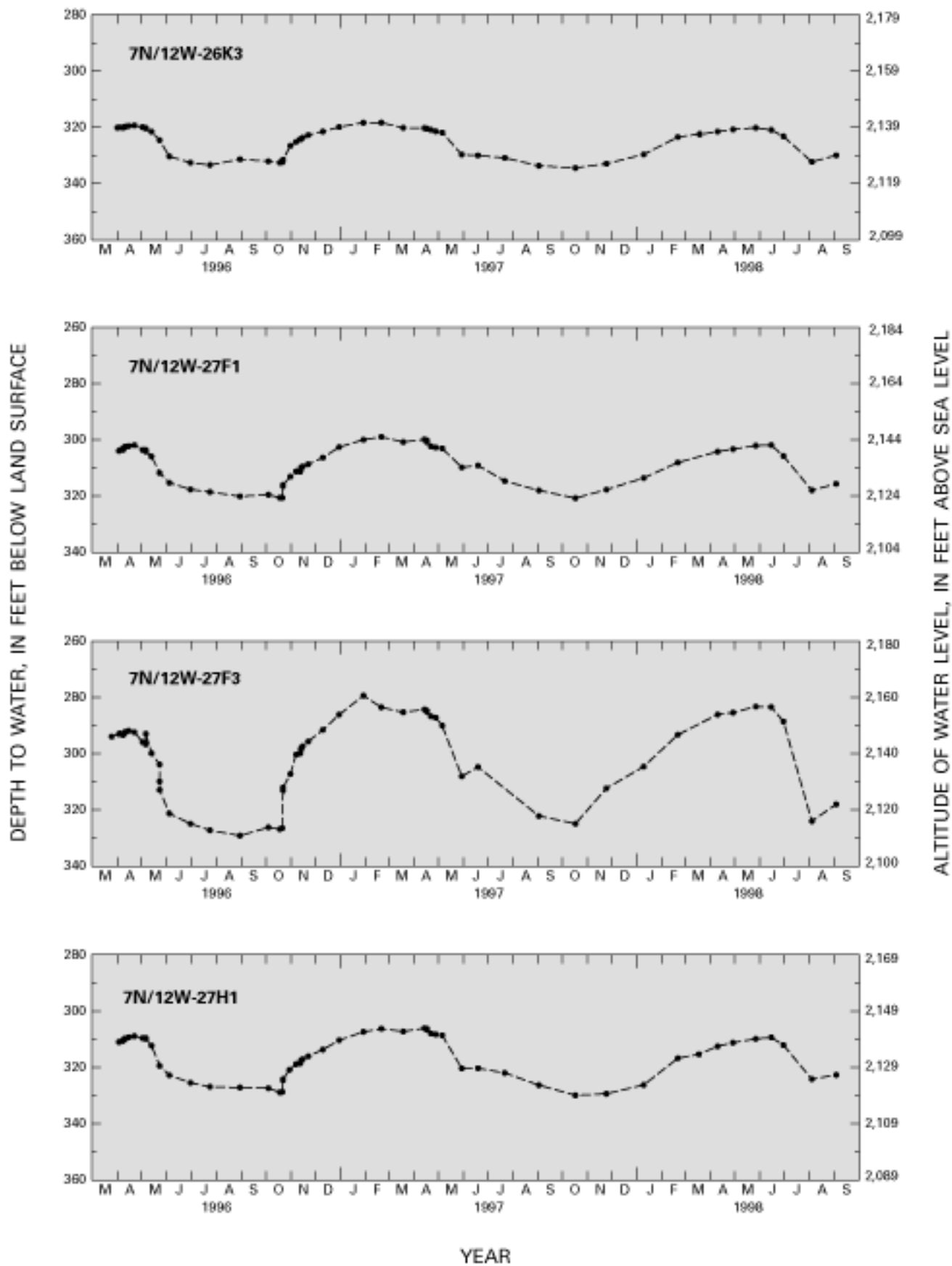


Figure 19.—Continued.

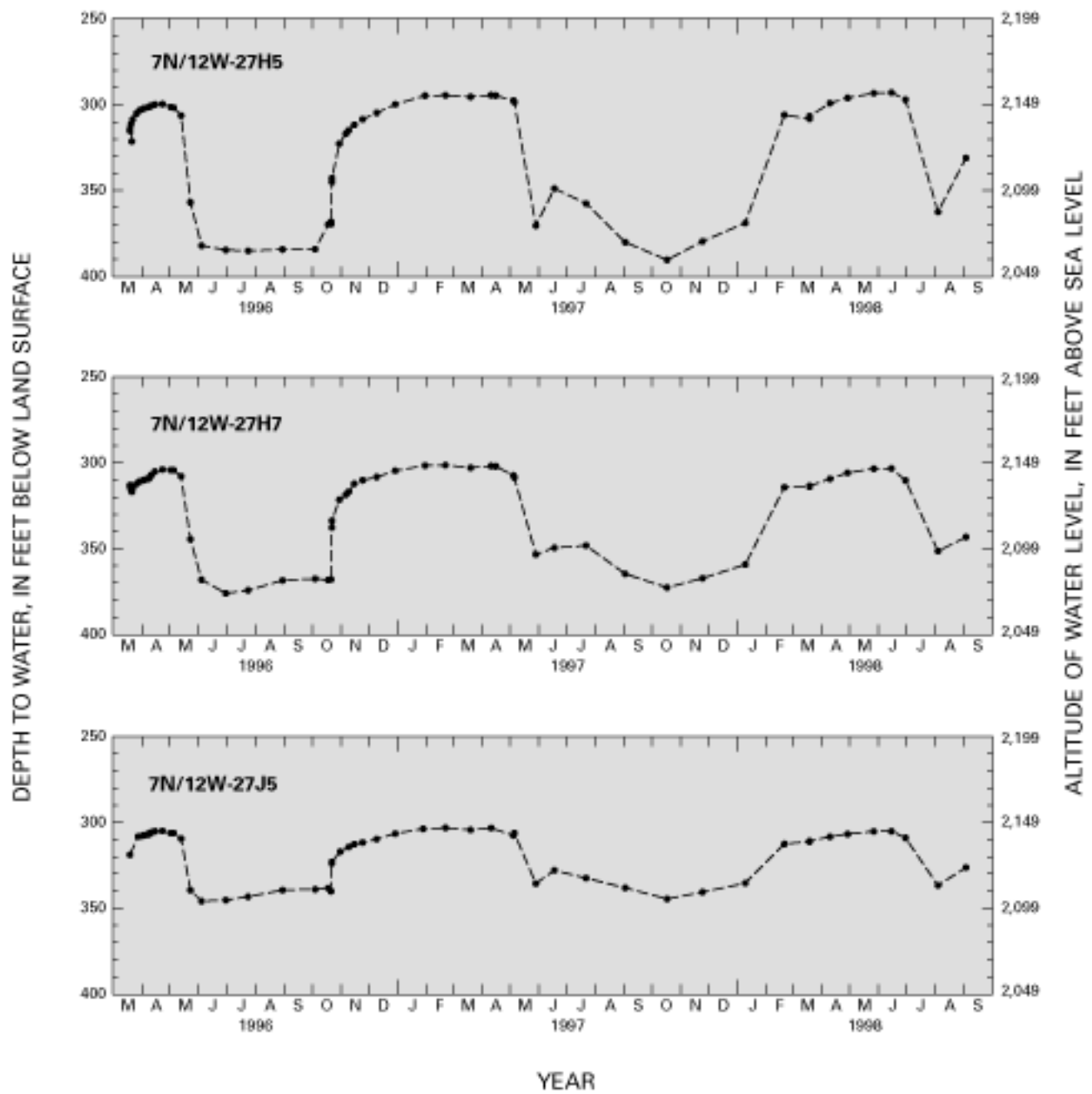


Figure 19.—Continued.

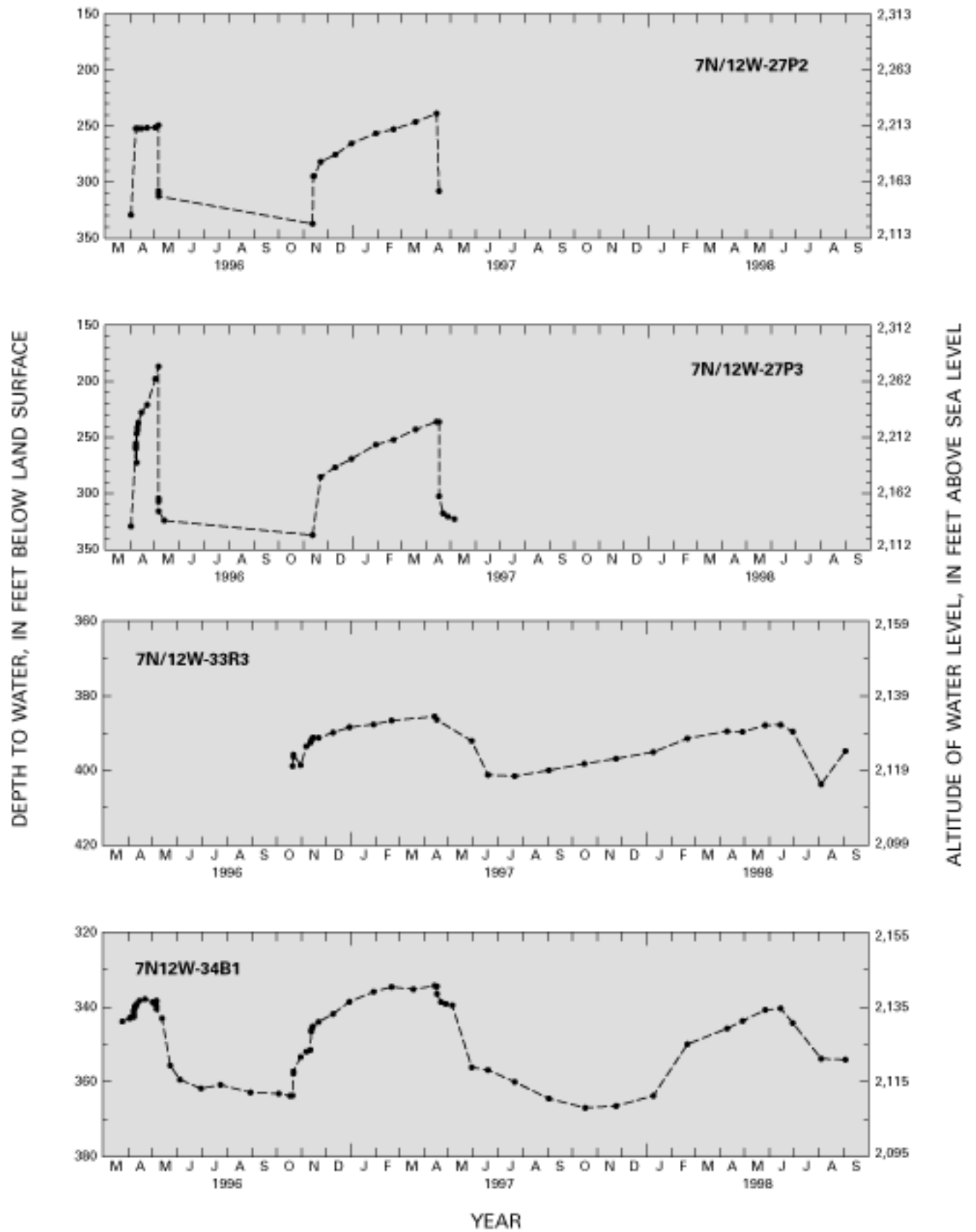


Figure 19.—Continued.