WATER-LEVEL DATA FOR THE ALBUQUERQUE BASIN AND ADJACENT AREAS, CENTRAL NEW MEXICO, PERIOD OF RECORD THROUGH 2001

By R.K. DeWees

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
foot	0.3048	meter
mile	1.609	kilometer
acre	0.4047	hectare

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929—a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

Altitude, as used in this report, refers to distance above sea level.

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ABSTRACT

The Albuquerque Basin, located in central New Mexico, is about 100 miles long and 25 to 40 miles wide. The basin is defined as the extent of consolidated and unconsolidated deposits of Tertiary and Quaternary age that encompass the structural Rio Grande Rift within the basin. Drinking-water supplies throughout the Albuquerque Basin are obtained solely from ground-water resources. An increase of about 35 percent in the population from 1980 to 1990 resulted in an increased demand for water. From April 1982 through September 1983, a network of wells was established to monitor changes in ground-water levels throughout the Albuquerque Basin. This network consisted of 6 wells with analog-to-digital recorders and 27 wells where water levels were measured monthly. Currently (2001), the network consists of 230 wells and piezometers. U.S. Geological Survey personnel collect water-level measurements at sites 1-5, 7-20, 24-64, 66-73, 76-83, 85-87, and 159-230. Water-level and other data for sites 88-158 are collected by other agencies. Water-level data for sites 6, 21-23, 65, 74, 75, and 84 were not available for this report.

INTRODUCTION

The Albuquerque Basin is located in central New Mexico and is about 100 miles long and 25 to 40 miles wide (fig. 1). The basin is defined as the extent of consolidated and unconsolidated deposits of Tertiary and Quaternary age that encompass the structural Rio Grande Rift within the basin (Thorn and others, 1993). The study area extends from about Cochiti Lake south to San Acacia and from Tijeras Canyon west to near the intersection of Interstate 40 and the Bernalillo/Cibola County line. The only perennial stream is the southward-flowing Rio Grande, which approximately bisects the basin.

In 2000, the population of Albuquerque (fig. 2) was 448,600 (U.S. Census Bureau, 2001). Although the majority of people are concentrated within the Albuquerque city limits, the statewide population increased about 20 percent from 1991 to 2000 (U.S. Census Bureau, 1991, 2000). The demand for ground water also has increased because drinking-water supplies throughout the Albuquerque Basin are obtained solely from ground-water resources.

From April 1982 through September 1983, a network of wells was established to monitor changes in ground-water levels throughout the Albuquerque Basin. This network consisted of 6 wells with analog-to-digital recorders and 27 wells where water levels were measured monthly. Currently (2001), the network consists of 230 wells and piezometers.

To better help the City of Albuquerque (City) manage water use, the U.S. Geological Survey (USGS), in cooperation with the City, reports water-level measurements from 151 sites. Measurements from 145 sites (1-5, 7-20, 24-64, 66-73, 76-83, 85-87, and 159-230) are collected by the USGS. Measurements from 71 sites (88-158) are collected by other agencies. Monitoring-well locations within the basin and adjacent areas are shown in figure 1; locations within the Albuquerque metropolitan area are shown in figure 2.

Well-Numbering System

The system of numbering wells and piezometers in New Mexico is based on the common subdivision of public lands into sections (fig. 3). The well number, in

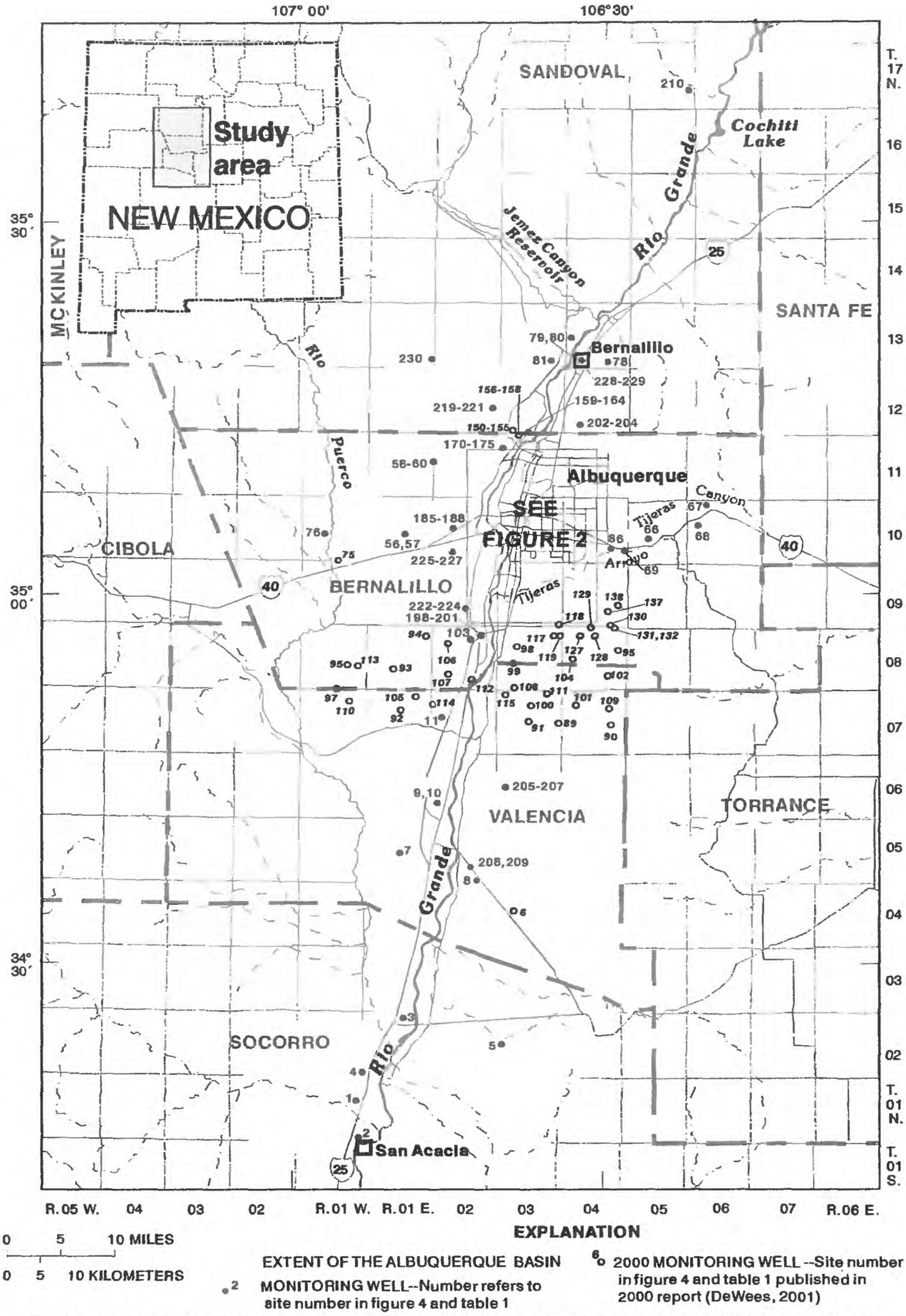

Figure 1. Location of study area and monitoring wells in and near the Albuquerque Basin.

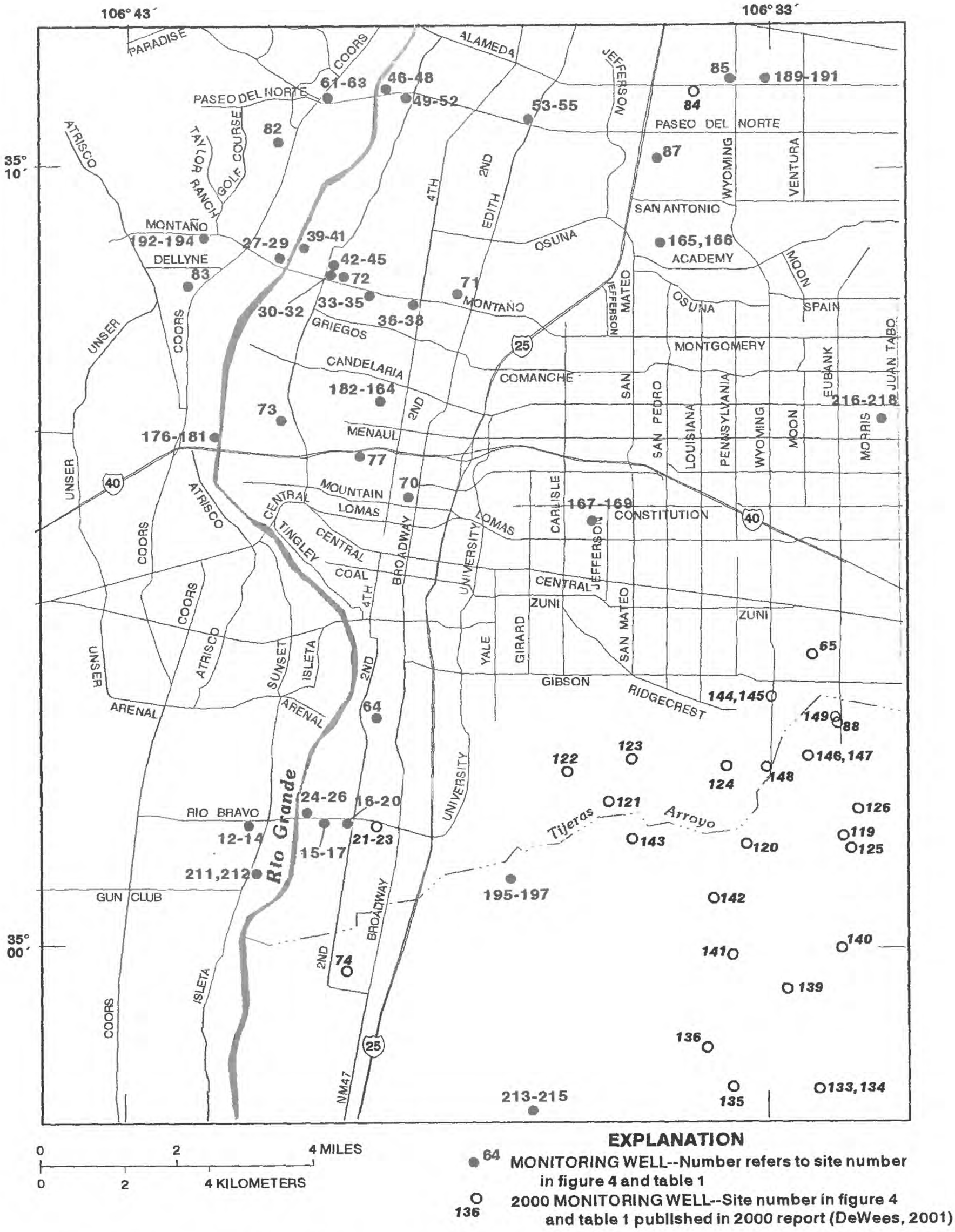

Figure 2. Location of monitoring wells within the Albuquerque metropolitan area.

addition to designating the well, locates its position to the nearest 10-acre tract in the land network. This number is divided into four segments. The first segment denotes the township north or south of the New Mexico base line, the second denotes the range east or west of the New Mexico principal meridian, and the third denotes the section. The fourth segment of the number, which consists of three digits, denotes the 160-, 40-, and 10-acre tracts, respectively, in which the well is situated. For this purpose, the section is divided into four quarters, numbered 1, 2, 3, and 4, in the normal reading order, for the northwest, northeast, southwest, and southeast quarters. The first digit of the fourth segment gives the quarter section, which is a tract of 160 acres. Similarly, the quarter section is divided into four 40-acre tracts numbered in the same manner, and the second digit denotes the 40-acre tract. Finally, the 40-acre tract is divided into four 10-acre tracts, and the third digit denotes the 10-acre tract. For example, well 09N.03E.07.131A is in the NW 1/4 of the SW 1/4 of the NW 1/4 of section 7, T. 09 N., R. 03 E. (fig. 3). Letters A, B, C, and so on are added to the last segment of the well number to designate the second, third, fourth, and succeeding wells in the same 10-acre tract.

Methods

Electric and steel tapes are used to collect water-level measurements at all sites. Measurements at sites 64 and 66 are collected using analog-to-digital recorders. Pressure transducers and data loggers are used to collect water-level data at sites 165-230.

WELL AND PIEZOMETER CONSTRUCTION DATA AND HYDROGRAPHS

Well and piezometer construction data are listed in table 1; data include site number and identifier, local identifier, owner, other identifier, well depth, and screened interval. Hydrographs of water-level data are shown in figure 4. The data presented in the hydrographs include depth to water and hydraulic head. Water-level measurements collected by USGS personnel are presented in seven previous USGS Open-File Reports (Kues, 1987; Rankin, 1994, 1996, 1998, 1999, 2000; DeWees, 2001).

Water-level measurements are currently (2001) collected at 151 sites. USGS personnel collect measurements at sites 1-5, 7-20, 24-64, 66-73, 76-83, 85-87, and 159-230, and other agencies collect measurements at sites 88-158. Measurements currently are collected annually at site 11; semiannually at sites 1-5, 7-10, 78, and 85; quarterly at sites 12-20, 24-55, 67-73, 76-77, 79, 80, 82, 83, and 87; monthly at sites 61-63, 81, and 86; and hourly at sites 64, 66, and 159-230. The frequency of water-level data collection varies at sites 88-158. Well depth and screened interval are reported at 27 sites (89-115) on the Pueblo of Isleta (Alvino Lucero, written commun., 1999); at 34 sites (116-149) on or near Kirtland Air Force Base (Franz Lauffer, written commun., 1998); and at 15 sites (150-164) near Intel Corporation (John Shomaker & Associates, Inc., written commun., 1998). For sites 1-5, 78-20, 24-64, 66-73, 76-83, 85-87, and 159-230, water-level data are presented for the period of record through 2001, except where noted in figure 4. The period of reported measurements varies at sites 88-158.

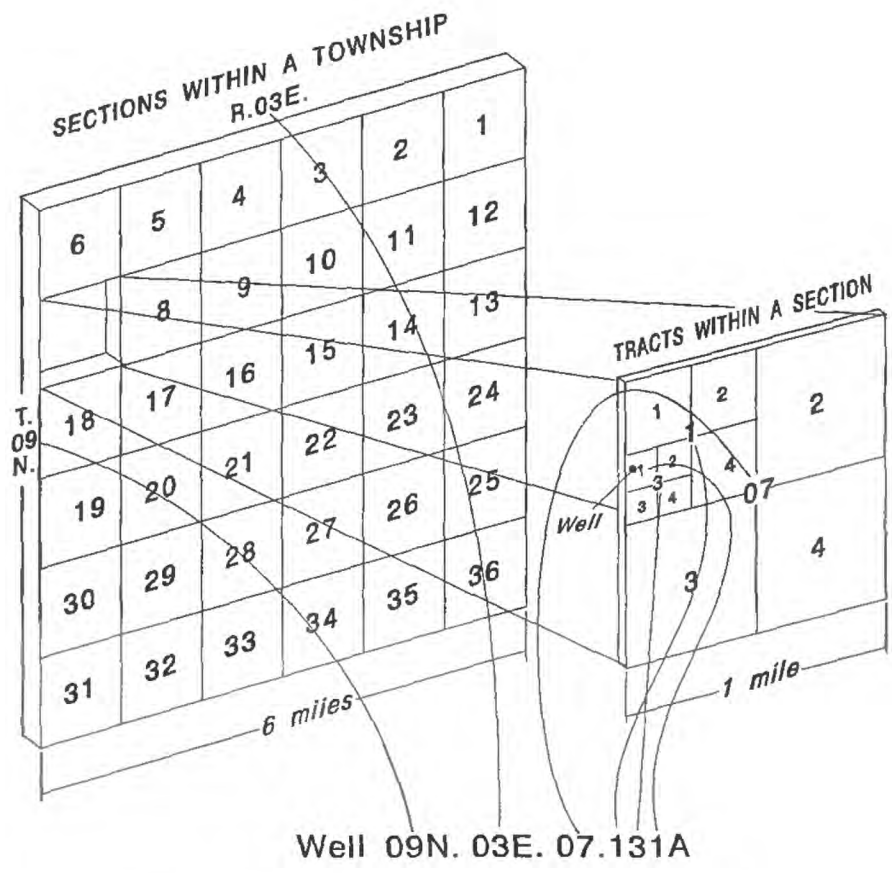

Figure 3. Well-numbering system in New Mexico.

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Thorn, C.R., McAda, D.P., and Kernodle, J.M., 1993, Geohydrologic framework and hydrologic conditions in the Albuquerque Basin, central New Mexico: U.S. Geological Survey Water-Resources Investigations Report 93-4149, 106 p.

U.S. Census Bureau, 1991: Master area reference file for 1990 census.

———2000: Master area reference file for 2000 census.

———2001: State and county quickfacts: accessed July 15, 2002, at URL *http://quickfacts.census.gov.*

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico

[--, no data; KAFB, Kirtland Air Force Base]

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
1	341839106531601	01N.01W.13.244	NM Highway Department	Rest Area Windmill	212	173-212
2	341528106533301	01S.01W.01.213	Herkenhoff	Herkenhoff	38	--
3	342513106500301	02N.01E.04.444	Salas	Salas	107	99-106
4	342107106530401	02N.01E.31.313	Sevilleta National Wildlife Refuge	Sevilleta Refuge Headquarters	223	210-220
5	342406106394501	02N.03E.18.232	Sevilleta National Wildlife Refuge	Black Butte	346	--
6	343428106383301	04N.02E.17.244	Richardson	Richardson	355	335-355
7	343853106494101	05N.01E.22.141	City of Belen	Belen Airport	620	453-483
8	343706106422301	05N.01E.35.143	Faust	Faust	375	353-373
9	344258106460901	06N.02E.30.412A	Estes	Estes 1	135	125-130
10	344258106460902	06N.02E.30.412B	Estes	Estes 5	300	265-270
11	345000106455501	07N.02E.18.422	Webb	Grasslands	407	150-230
12	350137106410501	09N.02E.12.214A	City of Albuquerque	Rio Bravo Nest 1	148.5	138.5-143.5
13	350137106410502	09N.02E.12.214B	City of Albuquerque	Rio Bravo Nest 1	103.8	94-99
14	350137106410503	09N.02E.12.214C	City of Albuquerque	Rio Bravo Nest 1	38.4	28.4-33.4
15	350138106395501	09N.03E.07.131A	City of Albuquerque	Rio Bravo Nest 2	153.5	143.5-148.5
16	350138106395502	09N.03E.07.131B	City of Albuquerque	Rio Bravo Nest 2	91.1	81-86
17	350138106395503	09N.03E.07.131C	City of Albuquerque	Rio Bravo Nest 2	48.6	38.6-43.6
18	350138106393201	09N.03E.07.241A	City of Albuquerque	Rio Bravo Nest 3	148	138-143
19	350138106393202	09N.03E.07.241B	City of Albuquerque	Rio Bravo Nest 3	101	91-96
20	350138106393203	09N.03E.07.241C	City of Albuquerque	Rio Bravo Nest 3	49.3	39.3-44.3

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
21	350135106390601	09N.03E.08.144A	City of Albuquerque	Rio Bravo Nest 4	149.4	139.4-144.4
22	350135106390602	09N.03E.08.144B	City of Albuquerque	Rio Bravo Nest 4	124.2	114.2-119.2
23	350135106390603	09N.03E.08.144C	City of Albuquerque	Rio Bravo Nest 4	49.3	39.3-44.3
24	350138106401103	09N.03E.07.114B	City of Albuquerque	Rio Bravo Nest 5	515	500-510
25	350138106401101	09N.03E.07.114	City of Albuquerque	Rio Bravo Nest 5	150	135-145
26	350138106401102	09N.03E.07.114A	City of Albuquerque	Rio Bravo Nest 5	22	7-17
27	350854106403701	11N.02E.25.341A	City of Albuquerque	Montaño Nest 1	152	142-147
28	350854106403702	11N.02E.25.341B	City of Albuquerque	Montaño Nest 1	93.4	83.4-88.4
29	350854106403703	11N.02E.25.341C	City of Albuquerque	Montaño Nest 1	48.4	38.4-43.4
30	350836106395601	--	City of Albuquerque	Montaño Nest 2	147.4	137-142
31	350836106395602	--	City of Albuquerque	Montaño Nest 2	99	89-94
32	350836106395603	--	City of Albuquerque	Montaño Nest 2	39.7	29-34
33	350827106391301	--	City of Albuquerque	Montaño Nest 3	149	139-144
34	350827106391302	--	City of Albuquerque	Montaño Nest 3	99	89-94
35	350827106391303	--	City of Albuquerque	Montaño Nest 3	49	39-44
36	350821106383701	--	City of Albuquerque	Montaño Nest 4	131	121-126
37	350821106383702	--	City of Albuquerque	Montaño Nest 4	93	83-88
38	350821106383703	--	City of Albuquerque	Montaño Nest 4	50	40-45
39	350859106401603	11N.03E.30.313B	City of Albuquerque	Montaño Nest 5	150	135-145
40	350859106401602	11N.03E.30.313A	City of Albuquerque	Montaño Nest 5	75	60-70
41	350859106401601	11N.03E.30.313	City of Albuquerque	Montaño Nest 5	25	10-20
42	350836106395401	11N.03E.31.21311A	City of Albuquerque	Montaño Nest 6	983	972-978
43	350836106395402	11N.03E.31.21311B	City of Albuquerque	Montaño Nest 6	836	826-831

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
44	350836106395403	11N.03E.31.21311C	City of Albuquerque	Montaño Nest 6	568	558-563
45	350836106395404	11N.03E.31.21311D	City of Albuquerque	Montaño Nest 6	182	172-177
46	351059106385903	11N.03E.17.141B	City of Albuquerque	Paseo del Norte Nest 1	600	545-555
47	351059106385901	11N.03E.17.141	City of Albuquerque	Paseo del Norte Nest 1	150	135-145
48	351059106385902	11N.03E.17.141A	City of Albuquerque	Paseo del Norte Nest 1	25	10-20
49	351057106384201	11N.03E.17.233	City of Albuquerque	Paseo del Norte Nest 2	150	135-145
50	351057106384202	11N.03E.17.233A	City of Albuquerque	Paseo del Norte Nest 2	95	80-90
51	351057106384203	11N.03E.17.233B	City of Albuquerque	Paseo del Norte Nest 2	45	30-40
52	351057106384204	11N.03E.17.233D	City of Albuquerque	Paseo del Norte Nest 2	23	13-23
53	351035106364703	11N.03E.15.344C	City of Albuquerque	Paseo del Norte Nest 3	544	539-544
54	351035106364702	11N.03E.15.344B	City of Albuquerque	Paseo del Norte Nest 3	144	139-144
55	351035106364701	11N.03E.15.344A	City of Albuquerque	Paseo del Norte Nest 3	69	64-69
56	350449106493103	10N.01E.22.322C	City of Albuquerque	West Mesa Nest 1A	1,175	1,139-1,175
57	350449106493102	10N.01E.22.322B	City of Albuquerque	West Mesa Nest 1A	1,049	980-1,049

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
58	351046106464704	11N.02E.18.313D	City of Albuquerque	West Mesa Nest 2	1,500	1,525-1,545 1,630-1,695 1,735-1,795
59	351046106464703	11N.02E.18.313C	City of Albuquerque	West Mesa Nest 2	1,330	1,275-1,345 1,390-1,410
60	351046106464702	11N.02E.18.313B	City of Albuquerque	West Mesa Nest 2	1,250	800-830 925-955
61	351051106395304	11N.03E.18.411D	City of Albuquerque	West Mesa Nest 3	980	870-980
62	351051106395303	11N.03E.18.411C	City of Albuquerque	West Mesa Nest 3	760	710-760
63	351051106395302	11N.03E.18.411B	City of Albuquerque	West Mesa Nest 3	660	350-390 490-590
64	350256106390801	10N.03E.32.314	City of Albuquerque	San Jose 9	765	188-764
65	350346106322301	10N.04E.29.413	KAFB 5	KAFB 5	1,004	504-1,004
66	350359106254701	10N.05E.29.114	NM Highway Dept.	Dead Man's Curve	--	--
67	350655106194501	10N.06E.05.332	NM Highway Dept.	Junction	--	--
68	350602106210401	10N.05E.12.434	NM Highway Dept.	Home Oil	54	--
69	350343106280901	10N.04E.25.324	NM Highway Dept.	Granite Hill	--	--
70	350548106383901	10N.03E.17.232	City of Albuquerque	City 1	149	138-148
71	350824106375301	11N.03E.33.143	City of Albuquerque	City 2	150	140-150
72	350837106393801	11N.03E.31.214	City of Albuquerque	City 3	152	142-152
73	350646106403601	10N.02E.12.241	City of Albuquerque	City 4	150	140-150
74	345940106393401	09N.03E.19.243	Guzman, Sal	Chava	125	113-123
75	350204106562301	09N.01W.04.424	Collier	Rio Puerco Trading Post	150	--
76	350454106570401	10N.01W.21.134	Cañoncito Pueblo	C1	117	--
77	350618106391801	10N.03E.07.434	Bureau of Indian Affairs	BIA Windmill	--	--

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
78	351843106294501	13N.04E.34.422	Deaver	Tierra Mirage	703	693-703
79	352029106330601	13N.04E.19.421	Santa Ana Pueblo	Santa Ana 1	108	--
80	352032106330601	13N.04E.19.243	Santa Ana Pueblo	Santa Ana 2	200	180-200
81	351852106344901	13N.03E.36.132A	San Miguel	San Miguel	206	--
82	351019106404001	11N.02E.24.223	Nelson	Nelson	274	258-273
83	350829106420401	11N.02E.35.142	Ovenwest Corporation	La Luz del Sol	250	230-245
84	351100106341201	11N.03E.13.242	Shoemaker	Shoemaker	460	380-400
85	351108106333601	11N.04E.18.124	--	Spanish Assembly of God	575	--
86	350339106294001	10N.04E.26.331	City of Albuquerque	Four Hills	--	--
87	351009106344701	11N.03E.24.142	City of Albuquerque	Pino Yard	--	--
88	350259106315801	10N.04E.32.422	City of Albuquerque	Eubank	--	--
89	344939106342601	07N.03E.13.434	Pueblo of Isleta	RWP001	496	476-496
90	344934106292101	07N.04E.23.122	Pueblo of Isleta	RWP002	340	320-340
91	344952106372201	07N.03E.16.424	Pueblo of Isleta	RWP003	440	420-440
92	345046106494501	07N.01E.10.323	Pueblo of Isleta	RWP005	437	417-437
93	345406106503001	08N.01E.21.431	Pueblo of Isleta	RWP008	620	600-620
94	345643106472301	08N.01E.01.342	Pueblo of Isleta	RWP009	430	410-430
95	345427106550501	08N.01W.23.134	Pueblo of Isleta	RWP011	780	760-780
96	345542106283701	08N.04E.12.334	Pueblo of Isleta	RWP014	415	395-415
97	345225106555801	08N.01W.34.342	Pueblo of Isleta	RWP015	720	700-720
98	345556106383401	08N.03E.08.423	Pueblo of Isleta	RWP016	442	422-442
99	345433106385401	08N.03E.20.231	Pueblo of Isleta	RWP019	457	432-456
100	345111106370701	07N.03E.10.142	Pueblo of Isleta	RWP020	355	340-350

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
101	345115106324201	07N.04E.08.122	Pueblo of Isleta	RWP021	120	107-117
102	345335106293901	08N.04E.26.134	Pueblo of Isleta	RWP024	295	272-295
103	345629106430401	08N.02E.10.211	Pueblo of Isleta	RWP026	261	241-261
104	345458106330801	08N.04E.18.444	Pueblo of Isleta	RWP028	44	24-44
105	345158106481901	07N.01E.02.232	Pueblo of Isleta	RWP031	401	381-401
106	345610106451301	08N.02E.08.233	Pueblo of Isleta	RWP032	378	--
107	345346106451201	08N.02E.29.213	Pueblo of Isleta	RWP540	167	147-167
108	345235106384401	08N.03E.32.412	Pueblo of Isleta	ECW001	123	103-123
109	345055106292901	07N.04E.11.322	Pueblo of Isleta	ECW002	239	216-239
110	345134106545001	07N.01W.02.324	Pueblo of Isleta	ECW006	700	680-700
111	345207106353501	07N.03E.02.212	Pueblo of Isleta	ECW007	445	425-445
112	345314106425501	08N.02E.27.432	Pueblo of Isleta	ECW557	44	24-44
113	345421106535801	08N.01W.24.312	Pueblo of Isleta	ECW861	744	--
114	345111106464101	07N.02E.07.11414	Pueblo of Isleta	Solar	--	--
115	345200106393701	07N.03E.06.224	Pueblo of Isleta	Chical	--	--
116	345650106342201	08N.03E.01.412	KAFB	KAFB-1001	377	342-367
117	345650106345501	08N.03E.01.312	KAFB	KAFB-1002	377	342-367
118	345745106342801	09N.04E.36.412	KAFB	KAFB-1005	398	363-388
119	350121106314301	09N.04E.09.1342	KAFB	KAFB-0602	467	437-457
120	350125106331901	09N.04E.07.234	KAFB	KAFB-0215	405	370-395
121	350157106353001	09N.03E.02.432	KAFB	KAFB-0902	367	337-357
122	350219106360901	09N.03E.02.131	KAFB	KAFB-0417	465	430-455

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
123	350229106350901	09N.03E.02.224	KAFB	KAFB-0114	469	434-459
124	350221106334201	09N.04E.06.14122	KAFB	KAFB-0502	506	476-496
125	350152106313801	09N.04E.04.341	KAFB	KAFB-0310	455	400-445
126	350218106314501	09N.04E.04.141	KAFB	KAFB-0309	535	500-525
127	345651106321901	08N.04E.05.413	Sandia National Laboratories	SFR-1D	378	348-368
128	345650106305401	08N.04E.03.313	Sandia National Laboratories	SFR-4T	377	340-360
129	345731106312201	09N.04E.33.414	Sandia National Laboratories	TRE-1	305	255-295
130	345740106292401	09N.04E.35.324	Sandia National Laboratories	TRN-1	350	320-340
131	345732106290501	09N.04E.35.441A	Sandia National Laboratories	TRS-5	214.75	164.75-204.75
132	345732106290502	09N.04E.35.441B	Sandia National Laboratories	TRS-1D	316.4	266.4-306.4
133	345815106321301	09N.04E.32.222A	Sandia National Laboratories	CWL-MW5U	502	477-497
134	345815106321302	09N.04E.32.222B	Sandia National Laboratories	CWL-MW5L	558	533-553
135	345816106333301	09N.04E.30.433	Sandia National Laboratories	SWTA-3	432.2	407.2-427.2
136	345848106335701	09N.04E.30.134	Sandia National Laboratories	MRN-1	606.7	546.7-586.7
137	345848106294201	09N.04E.26.141	Sandia National Laboratories	EOD	204	--
138	345919106284001	09N.04E.24.332	Sandia National Laboratories	School House	103	83-103
139	345933106324201	09N.04E.20.321	Sandia National Laboratories	MWL-MW1	478	456-476
140	350001106315701	09N.04E.16.333	Sandia National Laboratories	AVN-2	520	495-515
141	345959106333401	09N.04E.19.211	Sandia National Laboratories	NWTA-3	460.4	434.9-454.9
142	350042106335101	09N.04E.18.142	Sandia National Laboratories	PL-3	475	445-465
143	350128106350901	09N.03E.11.224	New Mexico Environment Department	MVMWK	300	275-295
144	350225106330301	09N.04E.06.224A	Sandia National Laboratories	WYO-1	570	510-560

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
145	350225106330302	09N.04E.06.224B	Sandia National Laboratories	WYO-2	295	265-285
146	350232106322801	09N.04E.05.211A	Sandia National Laboratories	TA2-NW1-325	330.3	295-325
147	350232106322802	09N.04E.05.211B	Sandia National Laboratories	TA2-NW1-595	598	535-555
148	350211106315801	09N.04E.04.133	Sandia National Laboratories	TJA-2	305	275-295
149	350318106325701	10N.04E.32.131	Sandia National Laboratories	PGS-2	--	--
150	351330106390801	12N.03E.32.32111D	Intel Corporation	IMWA1	250	220-240
151	351330106390802	12N.03E.32.32111E	Intel Corporation	IMWA3	440	390-430
152	351330106390803	12N.03E.32.32111F	Intel Corporation	IMWA4	660	610-650
153	351331106390801	12N.03E.32.32111A	Intel Corporation	IMWA2	305	275-295
154	351331106390802	12N.03E.32.32111B	Intel Corporation	IMWA5	1,015	925-1,005
155	351331106390803	12N.03E.32.32111C	Intel Corporation	IMWA6	1,715	1,605-1,705
156	351305106383101	12N.03E.32.44344A	Intel Corporation	IMWB1	60	30-50
157	351305106383102	12N.03E.32.44344B	Intel Corporation	IMWB2	240	190-230
158	351305106383103	12N.03E.32.44344C	Intel Corporation	IMWB3	800	710-790
159	351319106373501	12N.03E.33.414A	Intel Corporation	IMWC1	60	30-50
160	351319106373503	12N.03E.33.414C	Intel Corporation	IMWC3	120	90-110
161	351319106373504	12N.03E.33.414D	Intel Corporation	IMWC4	400	350-390
162	351319106373502	12N.03E.33.414B	Intel Corporation	IMWC2	270	220-260
163	351319106373505	12N.03E.33.414E	Intel Corporation	IMWC5	800	710-790
164	351319106373506	12N.03E.33.414F	Intel Corporation	IMWC6	1,470	1,360-1,460
165	350908106344401	11N.03E.25.322	USGS Monitoring Network	Sister Cities	1,308	1,298-1,303

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
166	350908106344402	11N.03E.25.322A	USGS Monitoring Network	Sister Cities	799	789-794
167	350534106354701	10N.03E.14.324	USGS Monitoring Network	Del Sol Divider	1,567	1,557-1,562
168	350534106354702	10N.03E.14.324A	USGS Monitoring Network	Del Sol Divider	842	832-837
169	350534106354703	10N.03E.14.324B	USGS Monitoring Network	Del Sol Divider	420	315-415
170	351201106400501	11N.03E.07.141	USGS Monitoring Network	Hunters Ridge Nest 1	1,518	1,508-1,513
171	351201106400502	11N.03E.07.141A	USGS Monitoring Network	Hunters Ridge Nest 1	855	845-850
172	351201106400503	11N.03E.07.141B	USGS Monitoring Network	Hunters Ridge Nest 1	238	148-228
173	351201106400504	11N.03E.07.141C	USGS Monitoring Network	Hunters Ridge Nest 2	359	349-354
174	351201106400505	11N.03E.07.141D	USGS Monitoring Network	Hunters Ridge Nest 2	305	295-300
175	351201106400506	11N.03E.07.141E	USGS Monitoring Network	Hunters Ridge Nest 2	263	238-258
176	350638106413701	10N.02E.11.244	USGS Monitoring Network	West Bluff Nest 1	1,095	1,085-1,090
177	350638106413702	10N.02E.11.244A	USGS Monitoring Network	West Bluff Nest 1	689	679-684
178	350638106413703	10N.02E.11.244B	USGS Monitoring Network	West Bluff Nest 1	432	422-427
179	350638106413704	10N.02E.11.244C	USGS Monitoring Network	West Bluff Nest 2	328	318-323
180	350638106413705	10N.02E.11.244D	USGS Monitoring Network	West Bluff Nest 2	254	244-249
181	350638106413706	10N.02E.11.244E	USGS Monitoring Network	West Bluff Nest 2	173	143-163
182	350706106390301	10N.03E.05.341	USGS Monitoring Network	Garfield Park	1,015	995-1,010
183	350706106390302	10N.03E.05.341A	USGS Monitoring Network	Garfield Park	582	552-572

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

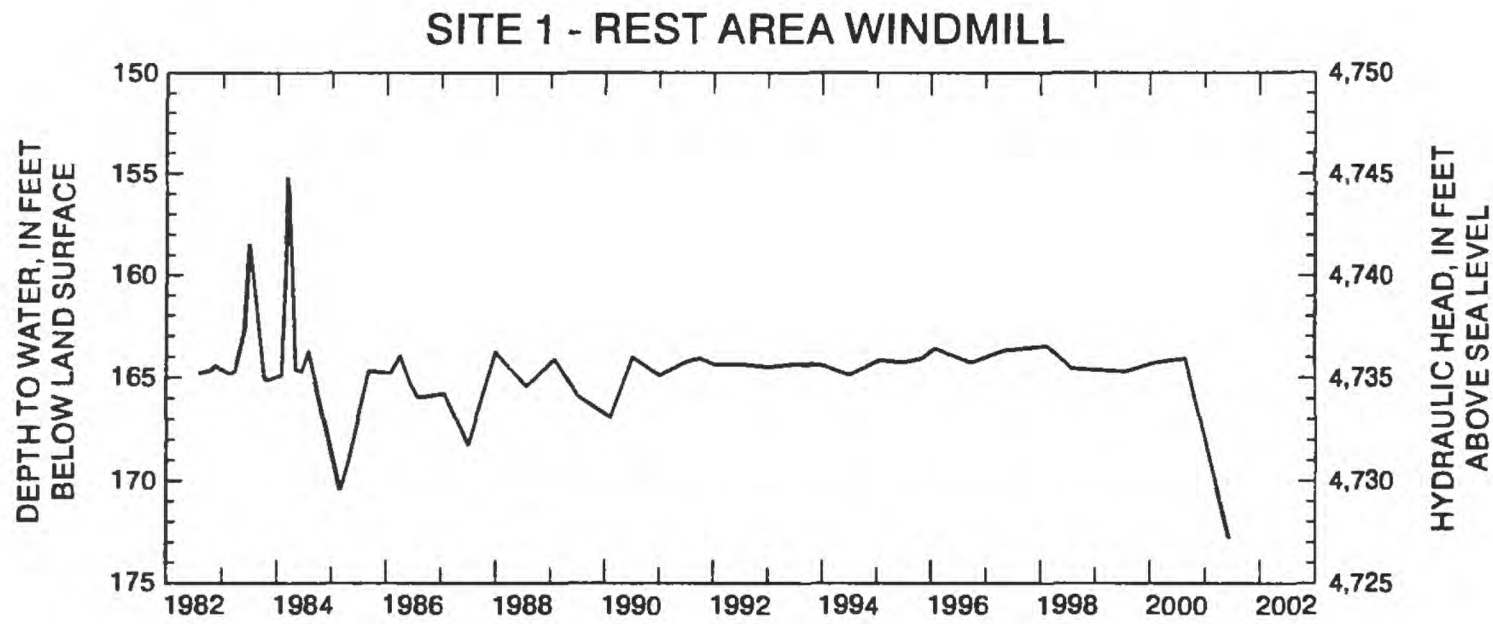
Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
184	350706106390303	10N.03E.05.341B	USGS Monitoring Network	Garfield Park	93	43-83
185	350530106445201	10N.02E.17.44	USGS Monitoring Network	98th Street	1,544	1,534-1,539
186	350530106445202	10N.02E.17.44A	USGS Monitoring Network	98th Street	1,112	1,102-1,107
187	350530106445203	10N.02E.17.44B	USGS Monitoring Network	98th Street	749	739-744
188	350530106445204	10N.02E.17.44C	USGS Monitoring Network	98th Street	438	388-433
189	351114106330601	11N.04E.18.222	USGS Monitoring Network	Nor Este	1,524	1,515-1,520
190	351114106330602	11N.04E.18.222A	USGS Monitoring Network	Nor Este	1,193	1,183-1,188
191	351114106330603	11N.04E.18.222B	USGS Monitoring Network	Nor Este	608	538-598
192	350910106414801	11N.03E.26.243	USGS Monitoring Network	Sierra Vista	1,644	1,634-1,639
193	350910106414802	11N.03E.26.243A	USGS Monitoring Network	Sierra Vista	928	918-923
194	350910106414803	11N.03E.26.243B	USGS Monitoring Network	Sierra Vista	210	140-200
195	350056106370101	09N.03E.10.334	USGS Monitoring Network	Montessa	1,628	1,618-1,623
196	350056106370102	09N.03E.10.334A	USGS Monitoring Network	Montessa	708	698-703
197	350056106370103	09N.03E.10.334B	USGS Monitoring Network	Montessa	330	260-320
198	345650106415901	08N.02E.02.413	USGS Monitoring Network	Isleta	1,340	1,330-1,335
199	345650106415902	08N.02E.02.413A	USGS Monitoring Network	Isleta	815	805-810
200	345650106415903	08N.02E.02.413B	USGS Monitoring Network	Isleta	185	175-180
201	345650106415904	08N.02E.02.413C	USGS Monitoring Network	Isleta	50	10-40
202	351357106323001	12N.04E.29.433	USGS Monitoring Network	Sandia Pueblo	1,305	1,295-1,300
203	351357106323002	12N.04E.29.433A	USGS Monitoring Network	Sandia Pueblo	1,025	1,015-1,020
204	351357106323003	12N.04E.29.433B	USGS Monitoring Network	Sandia Pueblo	535	485-525
205	344431106393401	06N.03E.18.442	New Mexico Office of the State Engineer	Tomé	1,200	1,185-1,195

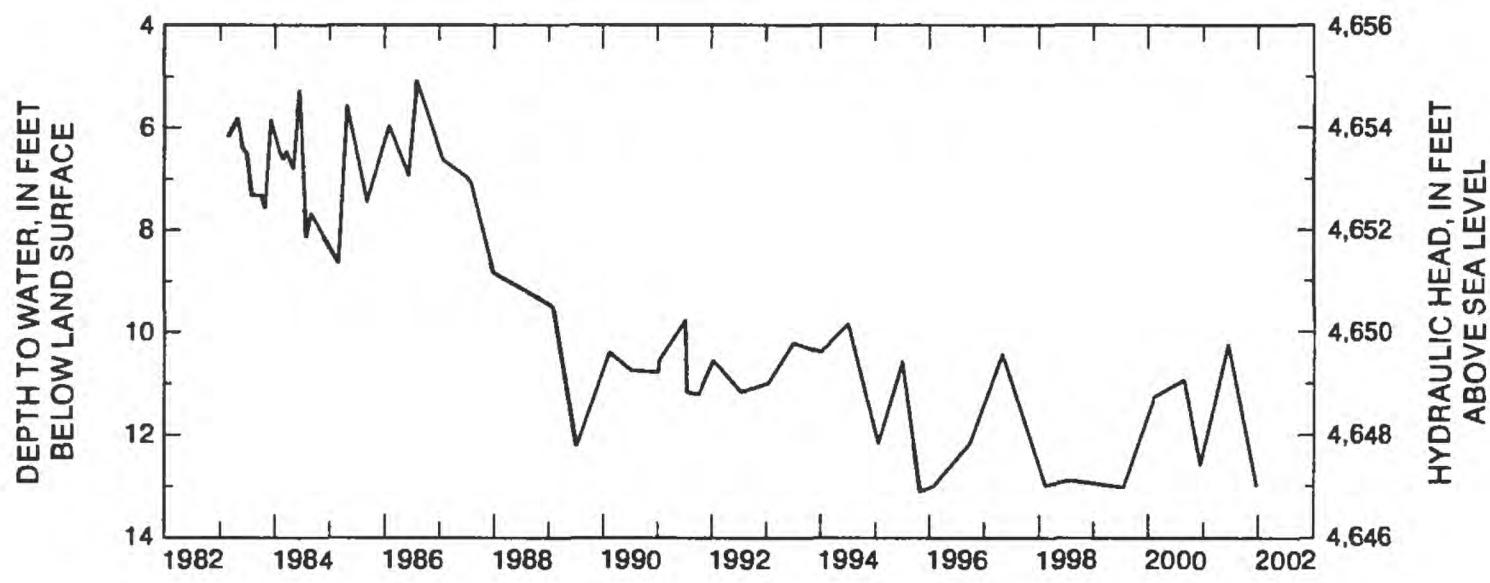
Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico--Continued

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
206	344431106393402	06N.03E.18.442A	New Mexico Office of the State Engineer	Tomé	710	695-705
207	344431106393403	06N.03E.18.442B	New Mexico Office of the State Engineer	Tomé	275	225-265
208	343753106430601	05N.03E.28.411	New Mexico Office of the State Engineer	Nancy Lopez	1,181	1,166-1,176
209	343753106430602	05N.03E.28.411A	New Mexico Office of the State Engineer	Nancy Lopez	690	675-685
210	354056106215801	17N.05E.24.344	New Mexico Office of the State Engineer	Dome Road	1,295	1,280-1,290
211	350100106405701	09N.02E.12.433	USGS Monitoring Network	Rio Bravo Park	595	585-590
212	350100106405702	09N.02E.12.433A	USGS Monitoring Network	Rio Bravo Park	210	200-205
213	345758106364001	09N.03E.24.231	New Mexico Office of the State Engineer	Mesa del Sol	1,630	1,580-1,620
214	345758106364002	09N.03E.24.231A	New Mexico Office of the State Engineer	Mesa del Sol	1,015	990-1,010
215	345758106364003	09N.03E.24.231B	New Mexico Office of the State Engineer	Mesa del Sol	525	420-520
216	350653106311601	10N.04E.09.214	New Mexico Office of the State Engineer	Matheson Park	1,505	1,460-1,500
217	350653106311602	10N.04E.09.214A	New Mexico Office of the State Engineer	Matheson Park	1,045	1,020-1,040
218	350653106311603	10N.04E.09.214B	New Mexico Office of the State Engineer	Matheson Park	705	600-700
219	351515106410401	12N.02E.24.144	New Mexico Office of the State Engineer	Lincoln Middle School	1,245	1,200-1,240

Table 1. Well and piezometer data for the Albuquerque Basin, New Mexico-Concluded

Site number (figs. 1 and 2)	Site identifier	Local identifier	Owner	Other identifier	Well depth (feet below land surface)	Screened interval (feet below land surface)
220	351515106410402	12N.02E.24.144A	New Mexico Office of the State Engineer	Lincoln Middle School	835	810-830
221	351515106410403	12N.02E.24.144B	New Mexico Office of the State Engineer	Lincoln Middle School	595	490-590
222	345842106443101	09N.02E.28.312	USGS Monitoring Network	Niese Road	1,455	1,445-1,450
223	345842106443102	09N.02E.28.312A	USGS Monitoring Network	Niese Road	960	950-955
224	345842106443103	09N.02E.28.312B	USGS Monitoring Network	Niese Road	297	242-292
225	35024410650201	10N.02E.32.433	USGS Monitoring Network	Westgate Heights Park	1,290	1,280-1,285
226	35024410650202	10N.02E.32.433A	USGS Monitoring Network	Westgate Heights Park	868	858-863
227	35024410650203	10N.02E.32.433B	USGS Monitoring Network	Westgate Heights Park	370	320-360
228	351821106333901	13N.04E.31.343	New Mexico Office of the State Engineer	Bernalillo Site	1,190	1,175-1,185
229	351821106333902	13N.04E.31.343A	New Mexico Office of the State Engineer	Bernalillo Site	305	290-300
230	352019106474801	13N.01E.24.313	New Mexico Office of the State Engineer	Phoenix Road	1,625	1,600-1,620





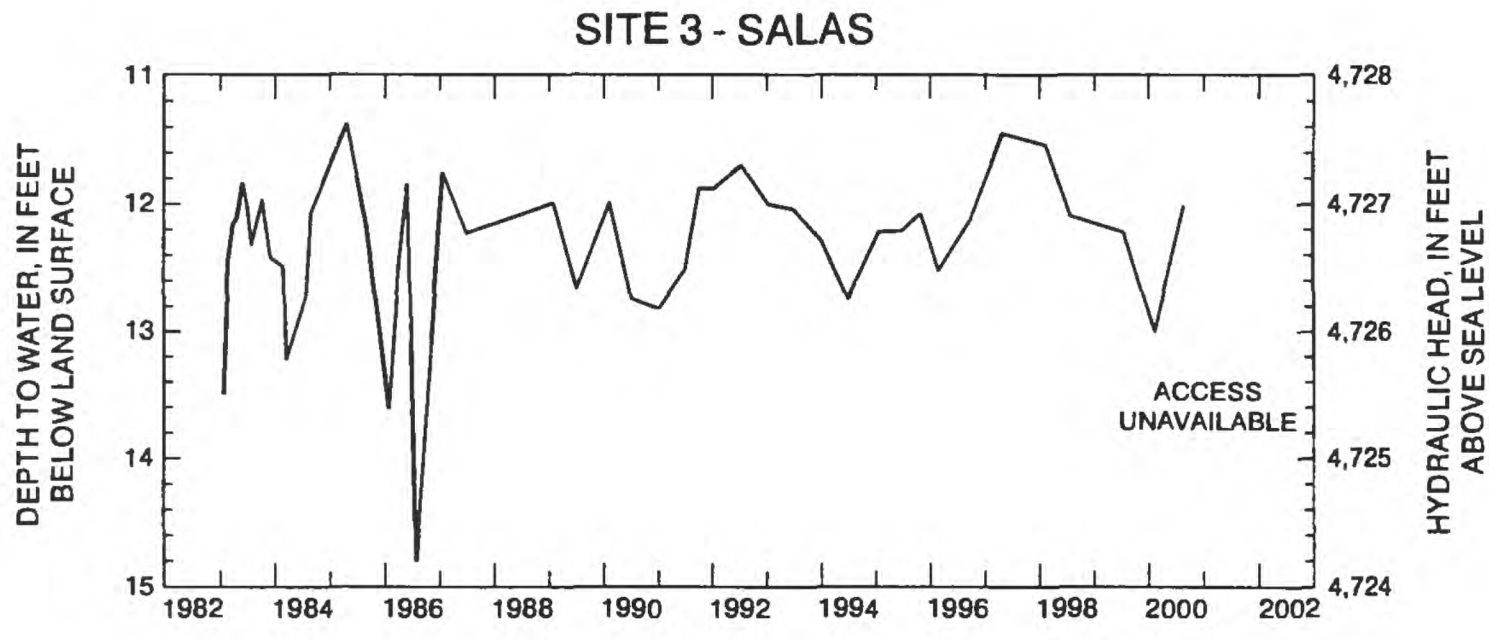
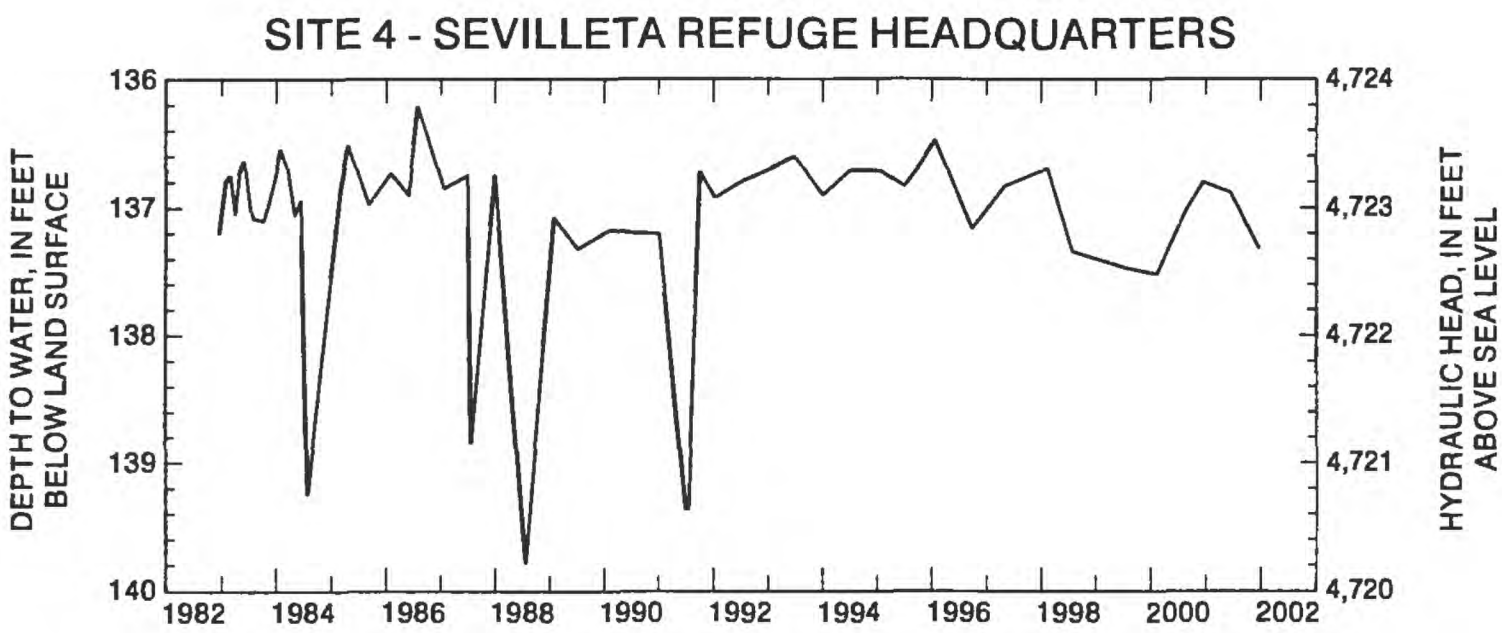
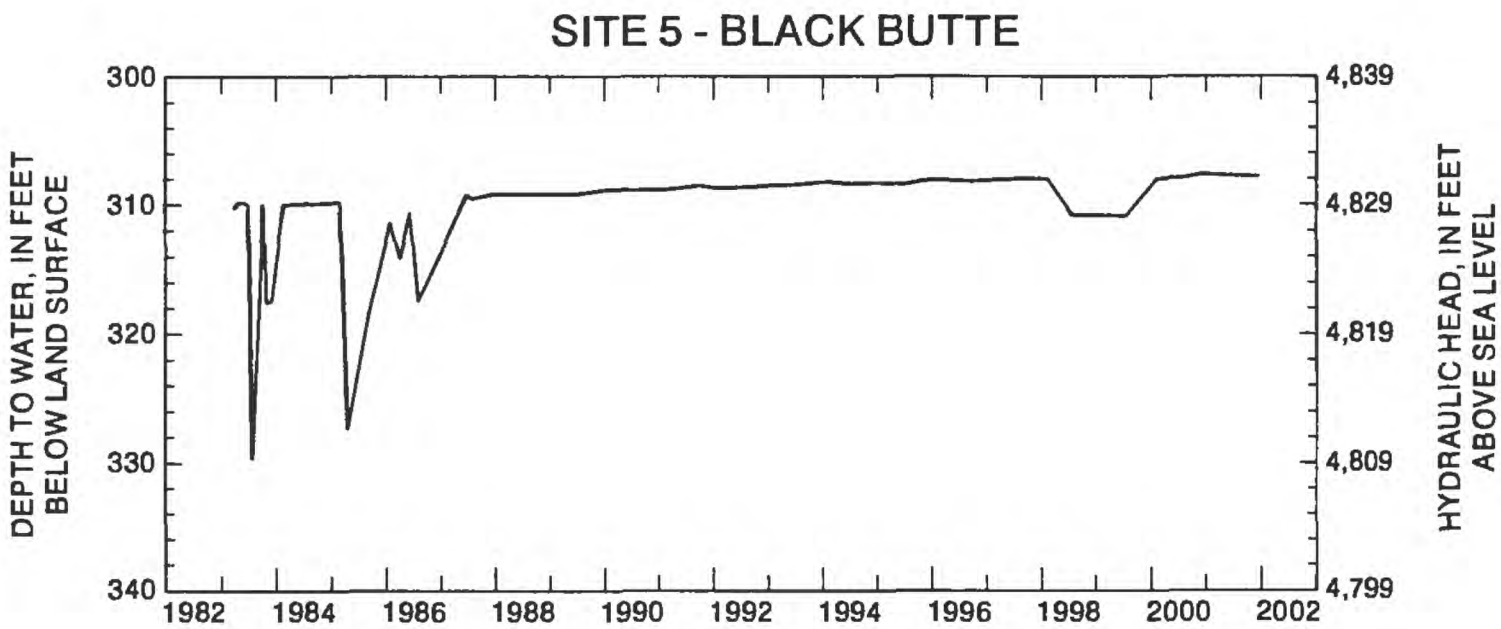


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin.





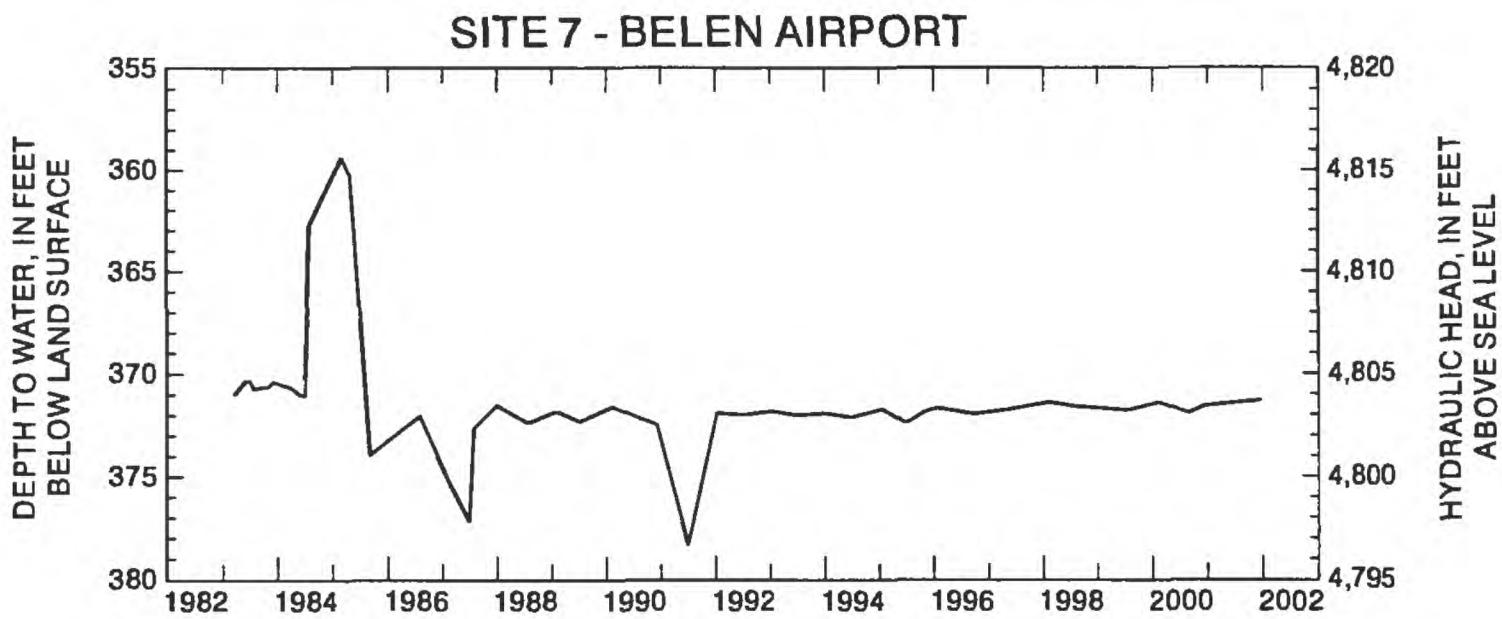
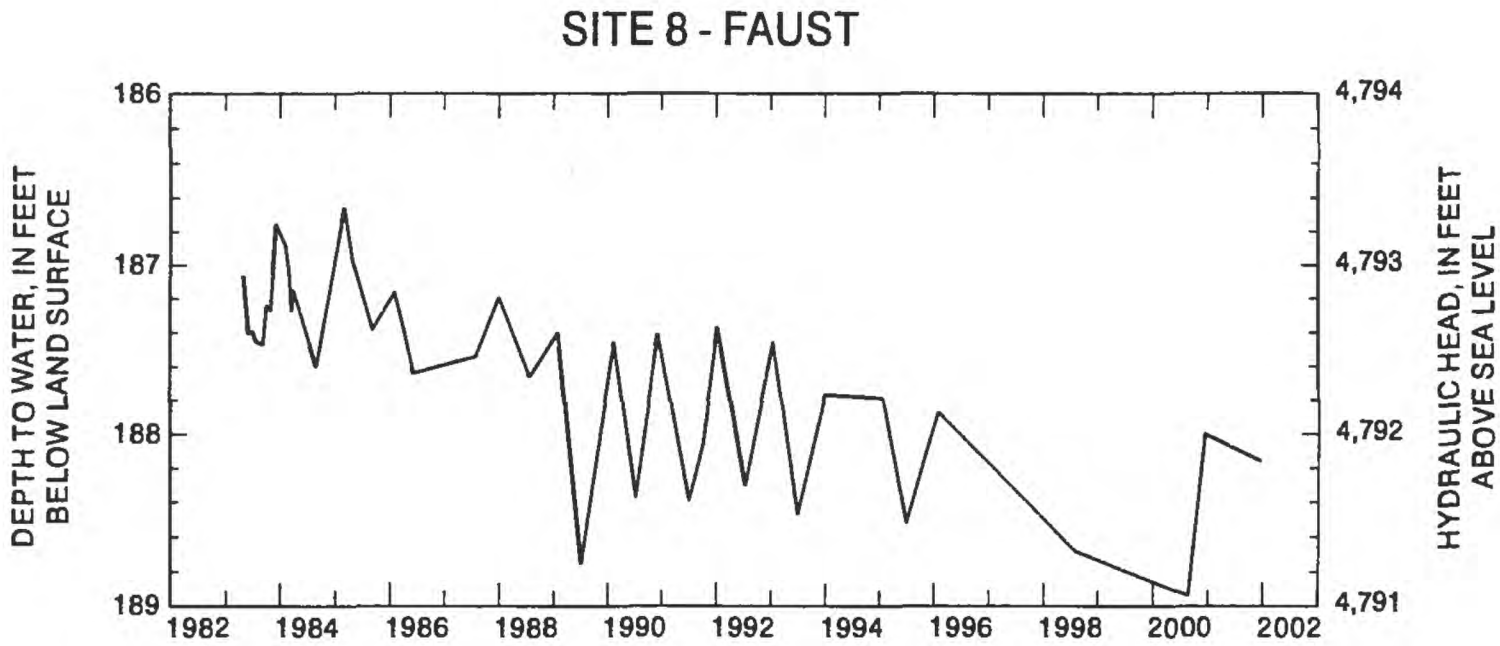
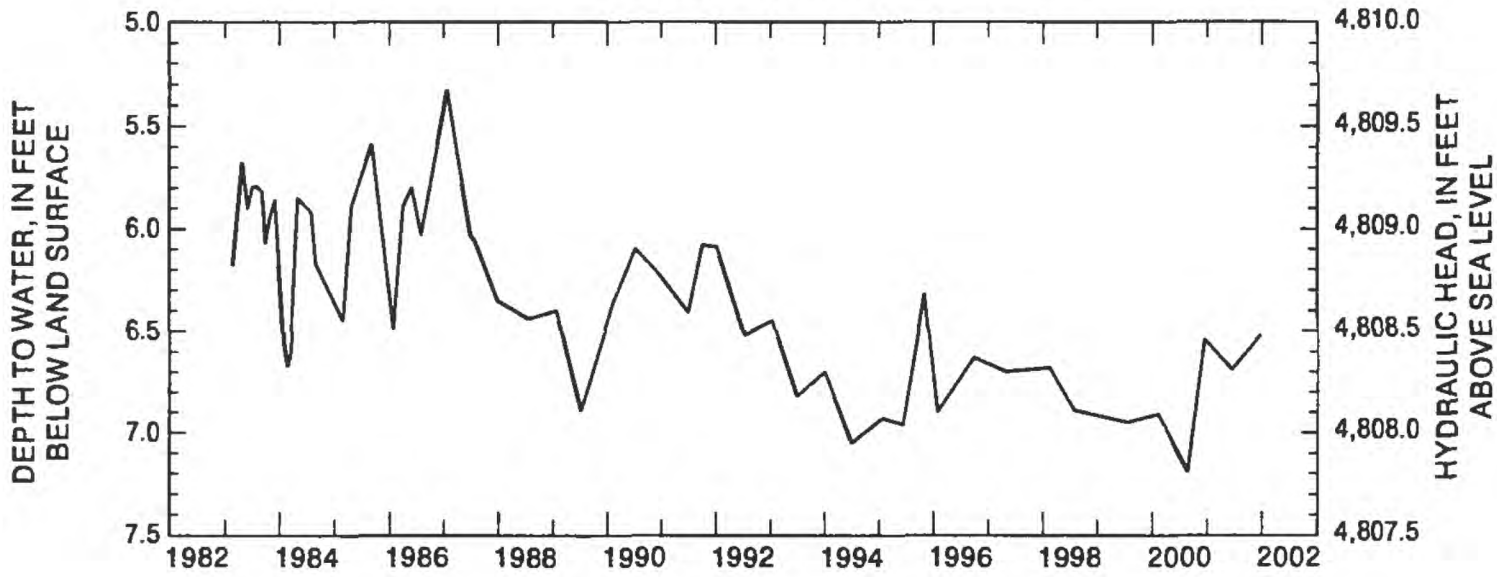


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





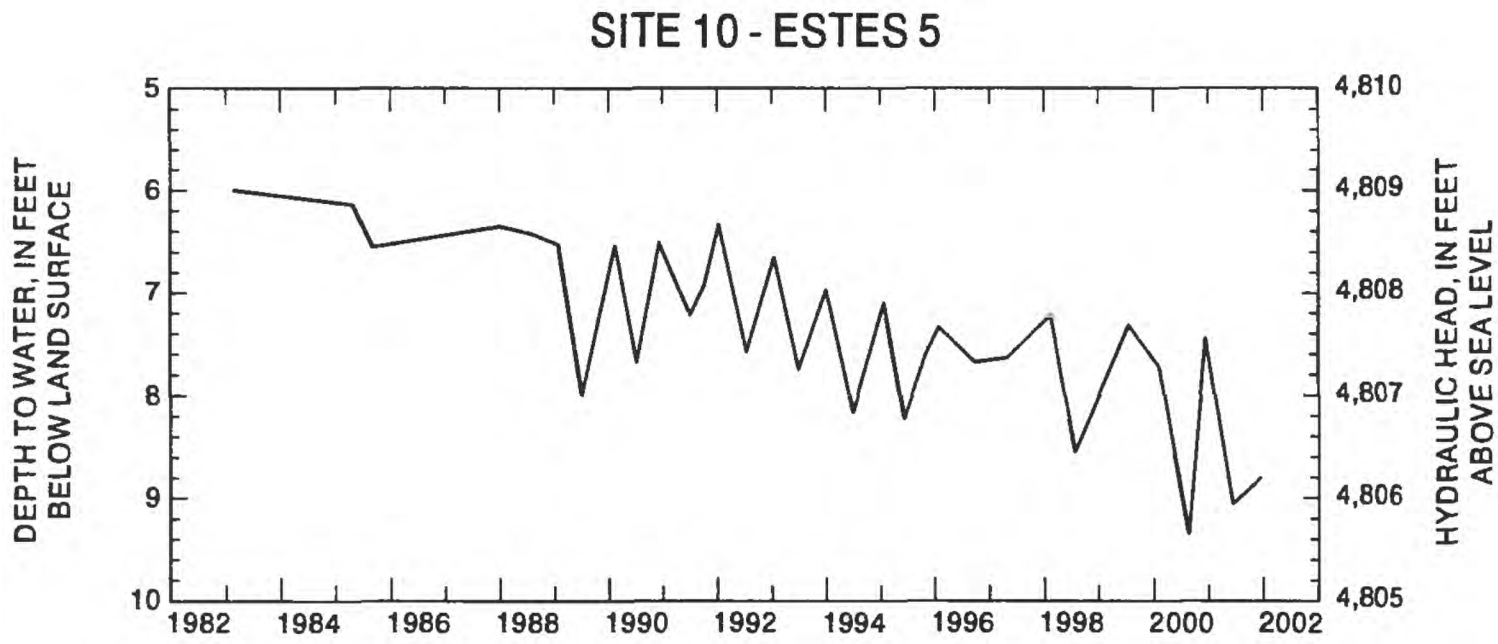
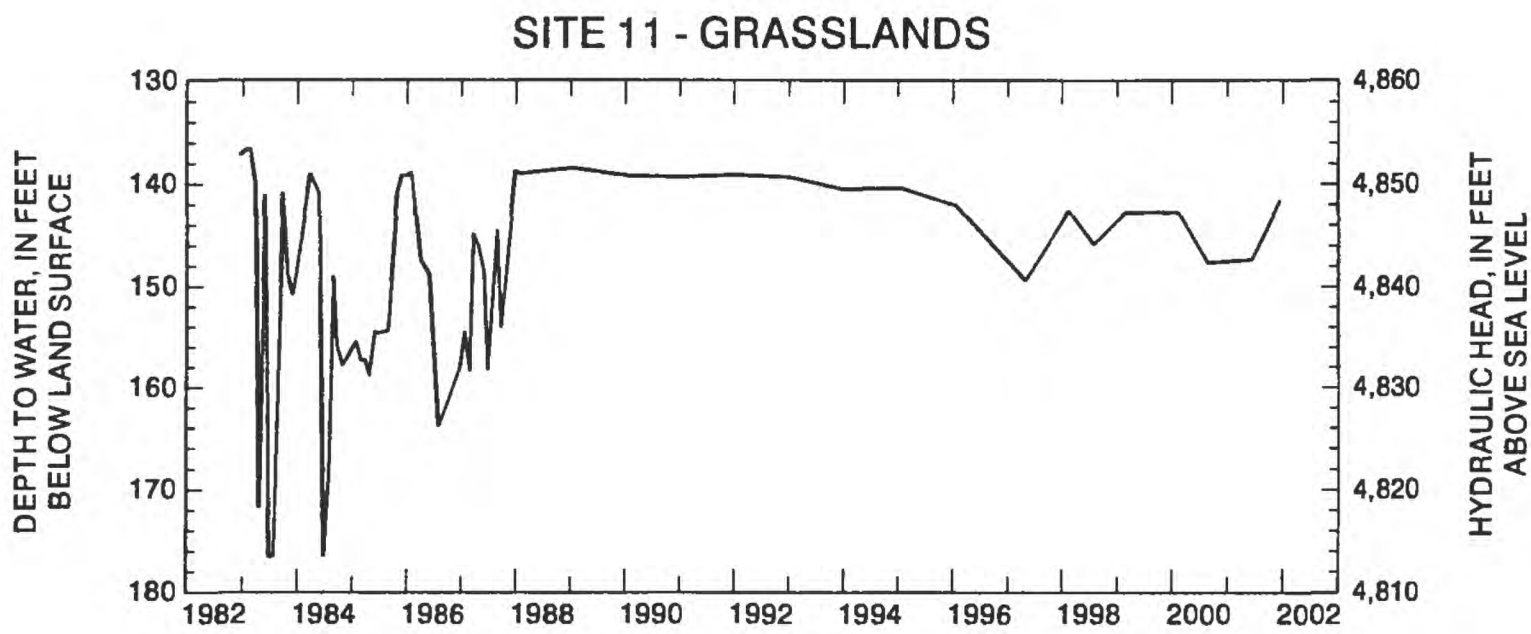
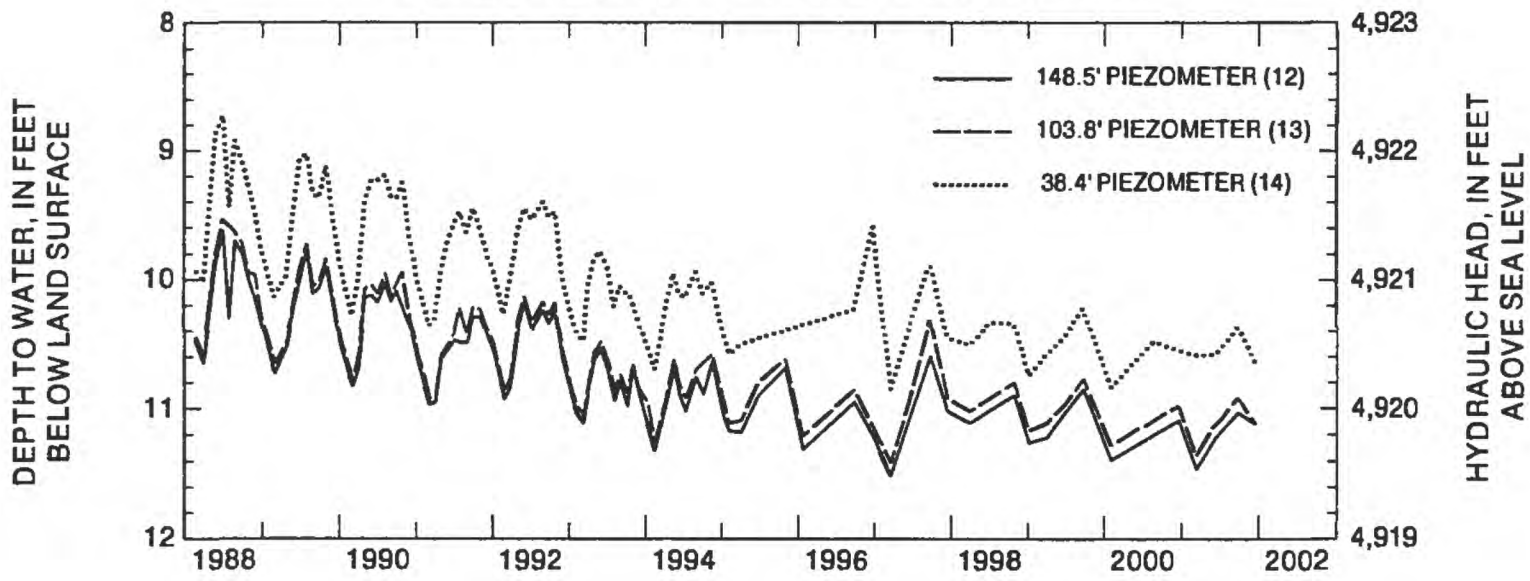


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





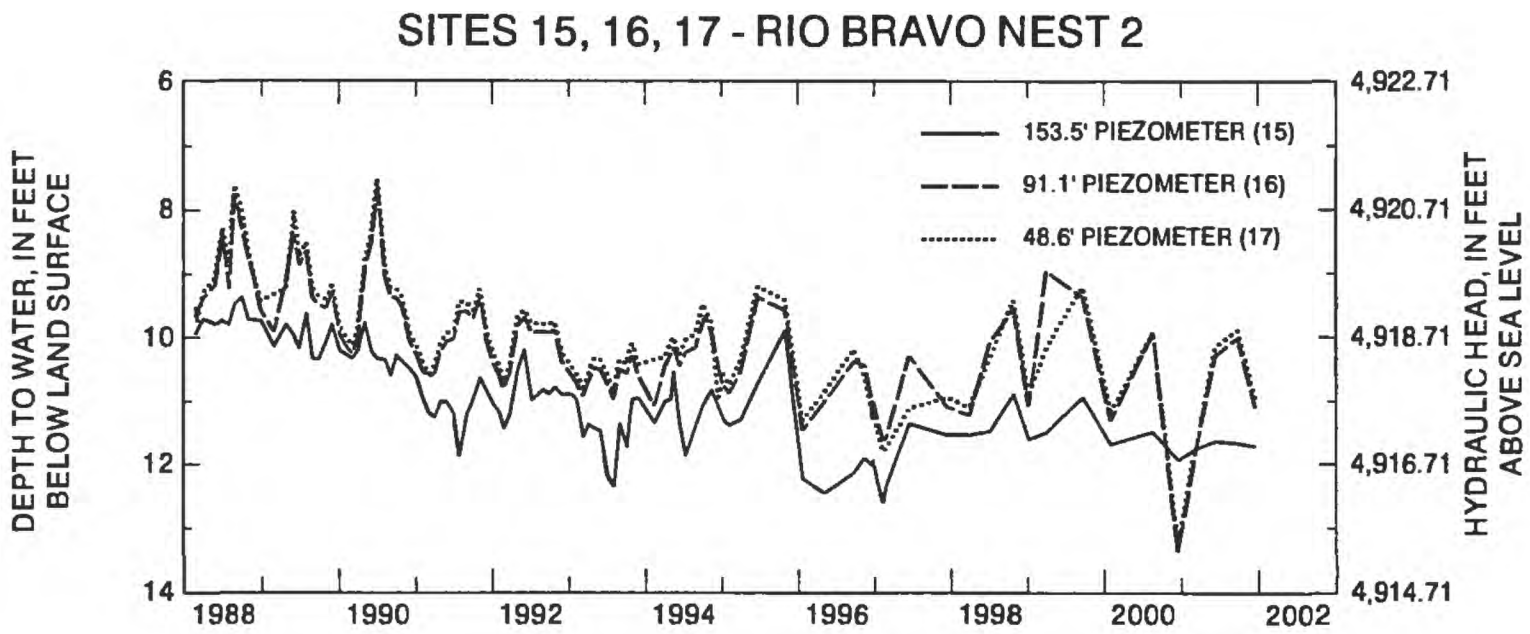
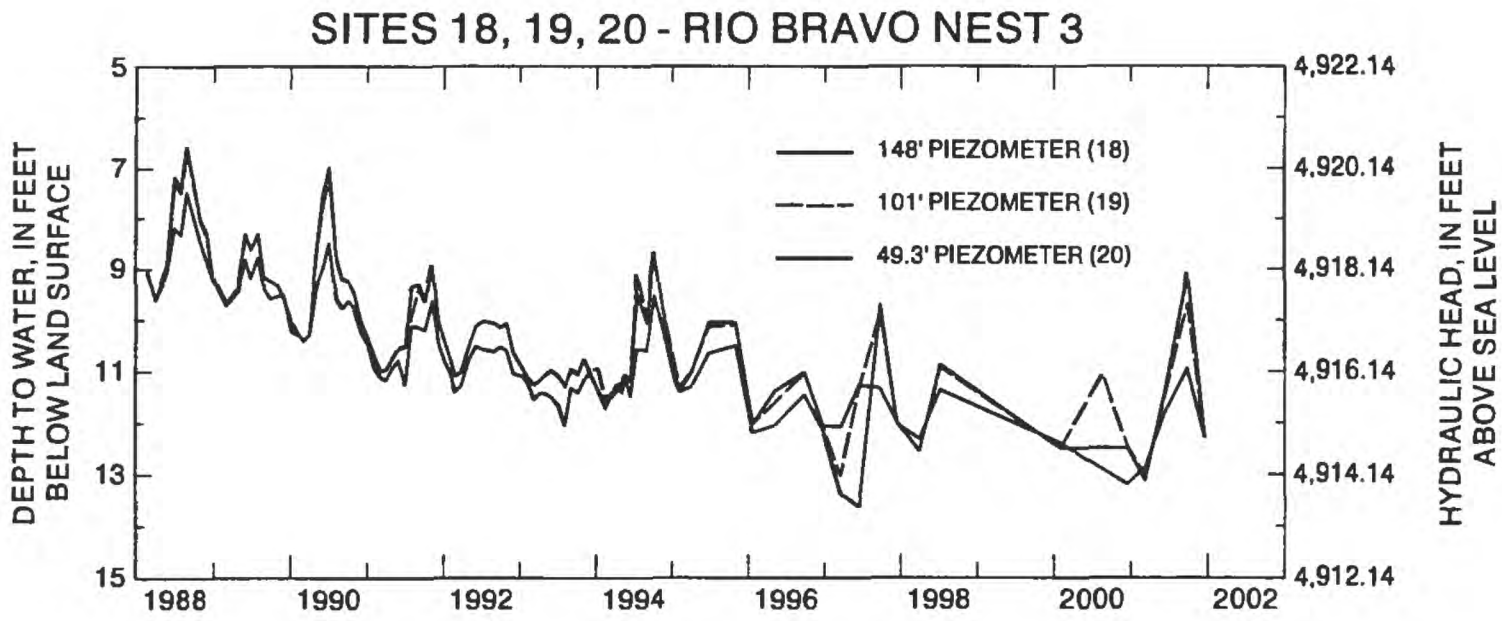
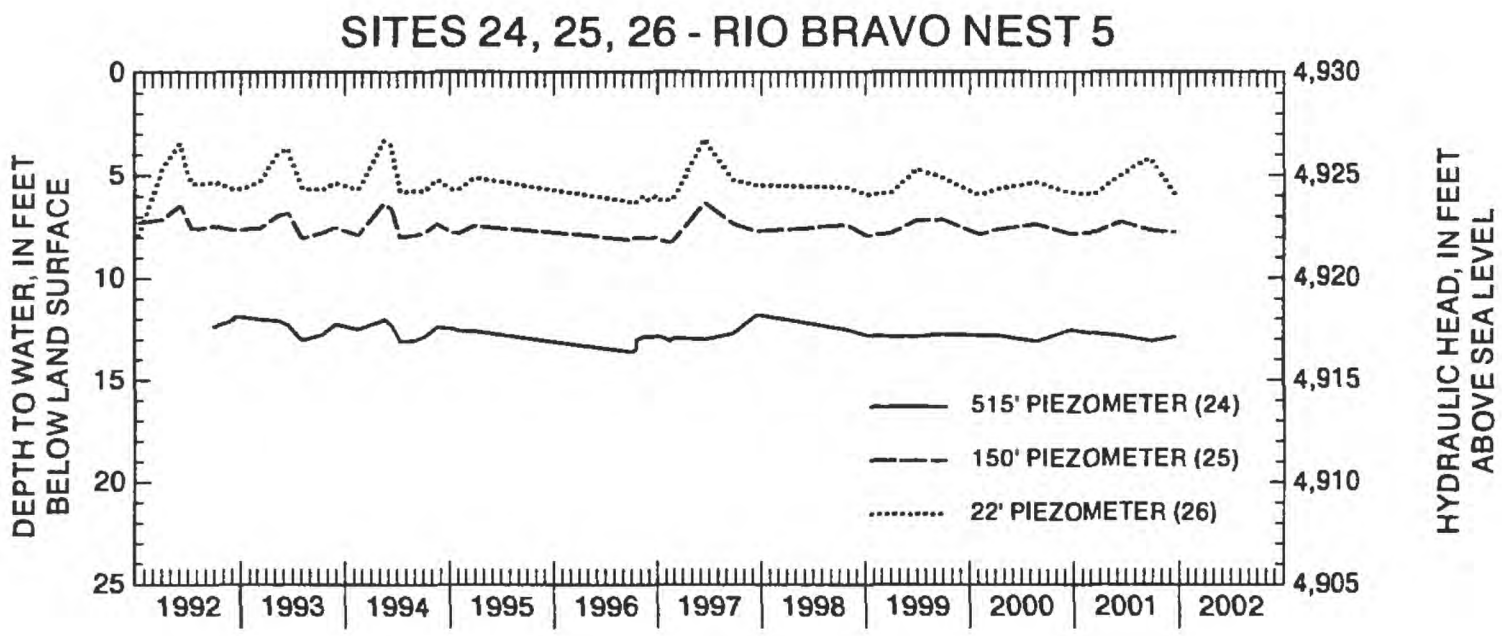


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





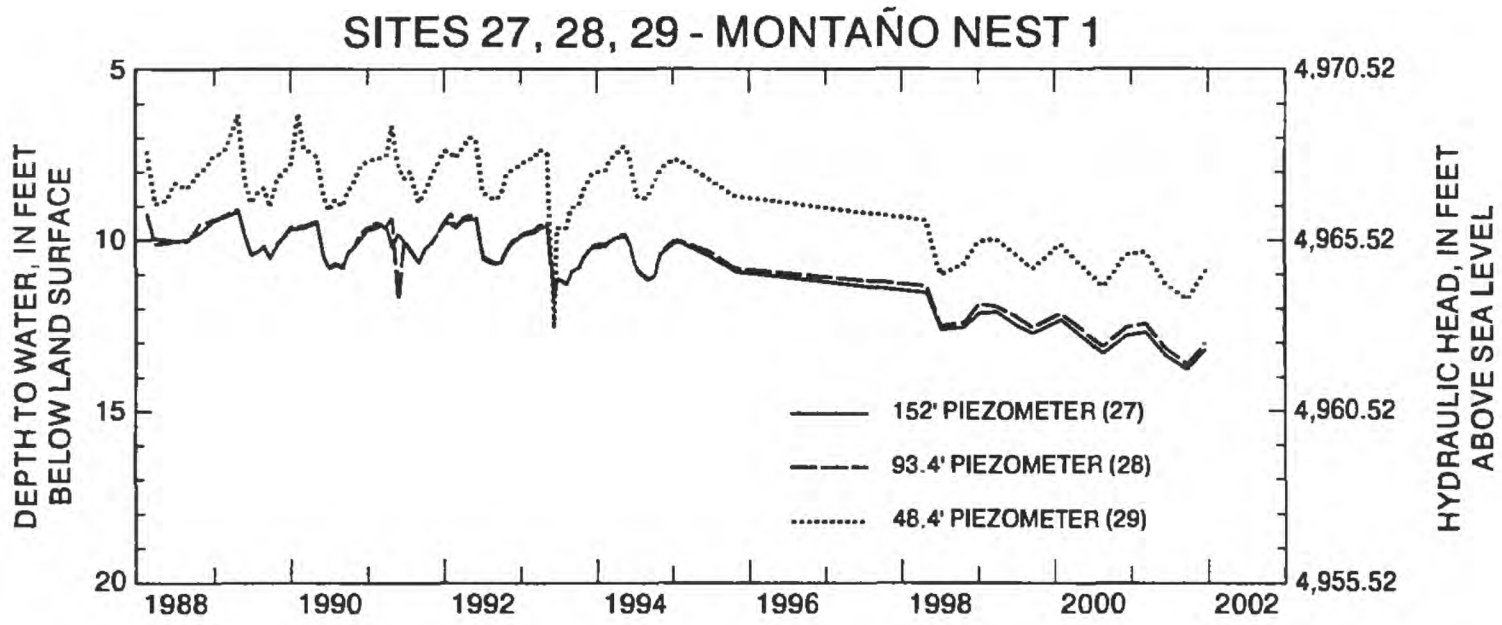
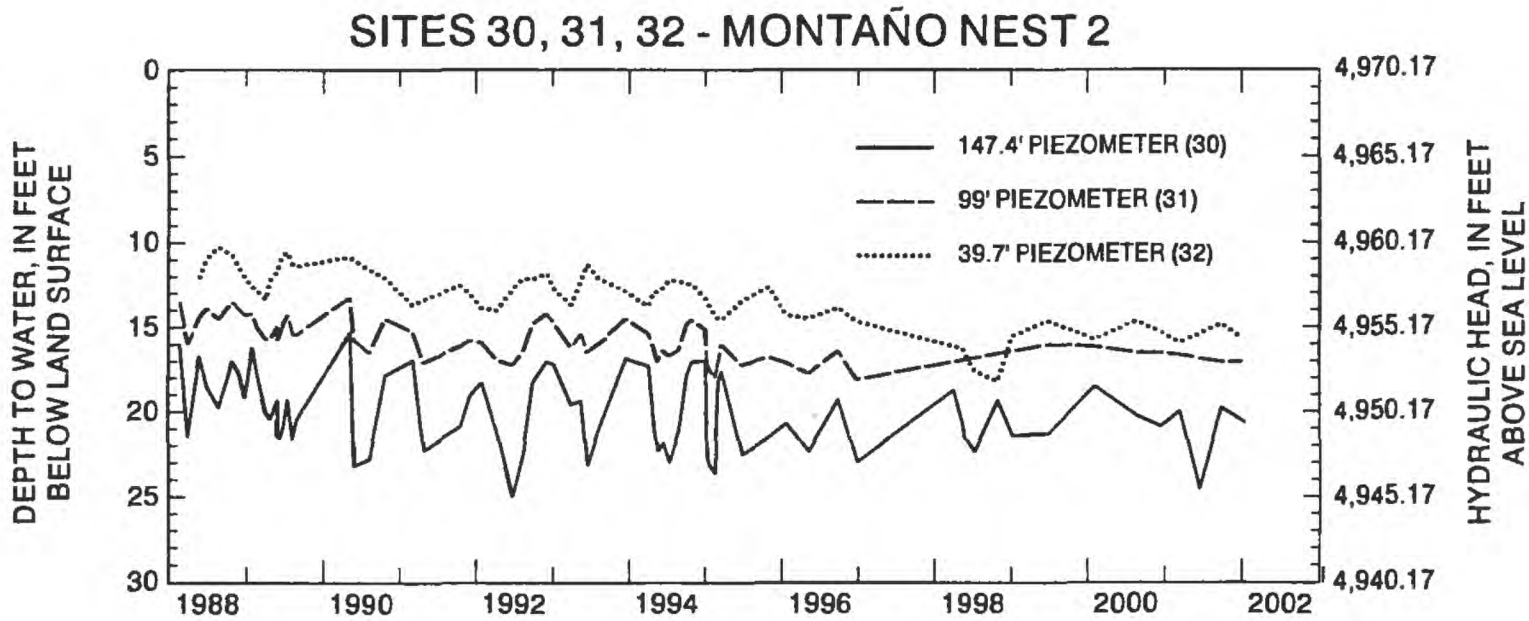
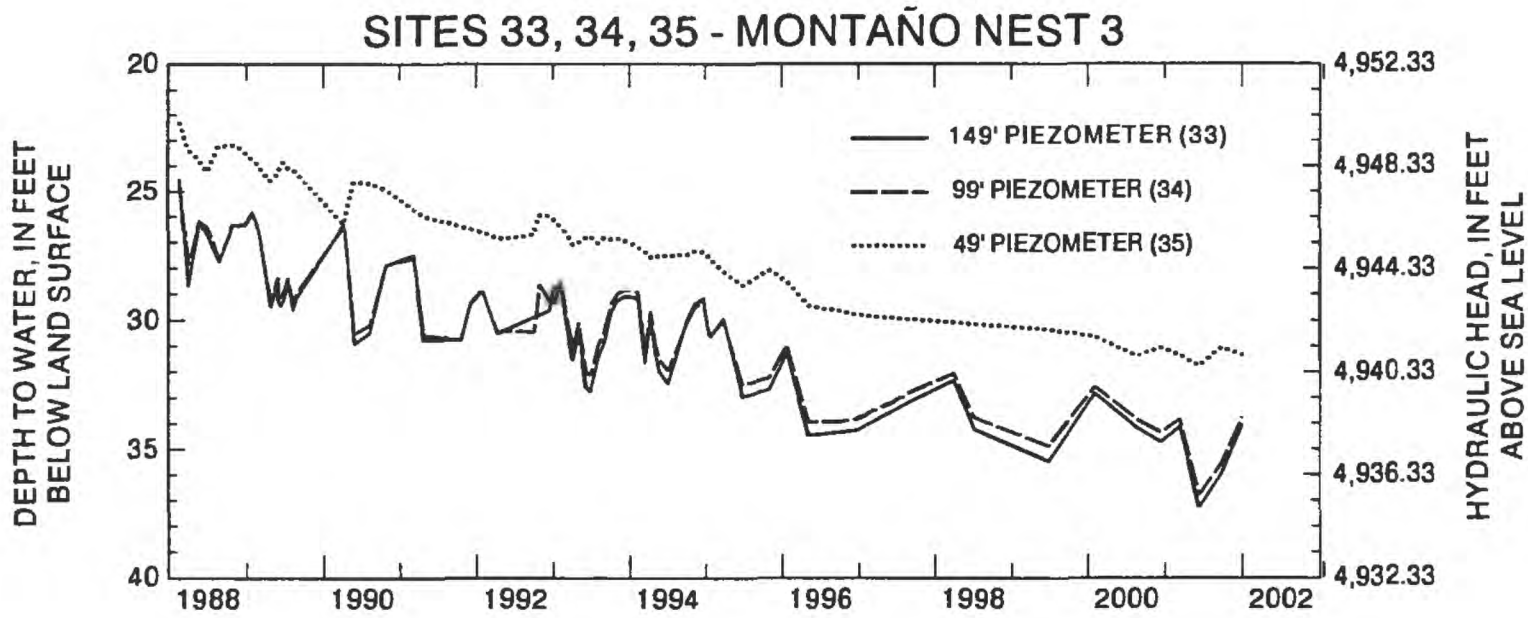


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





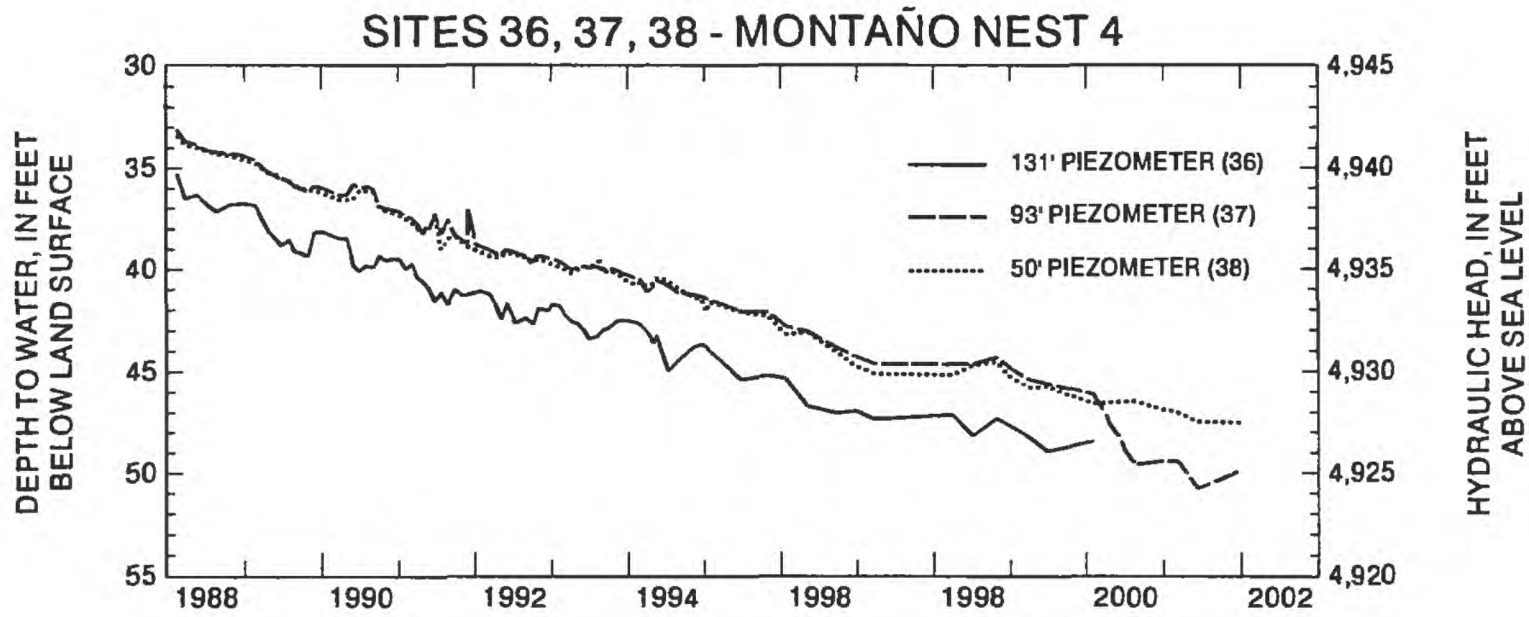
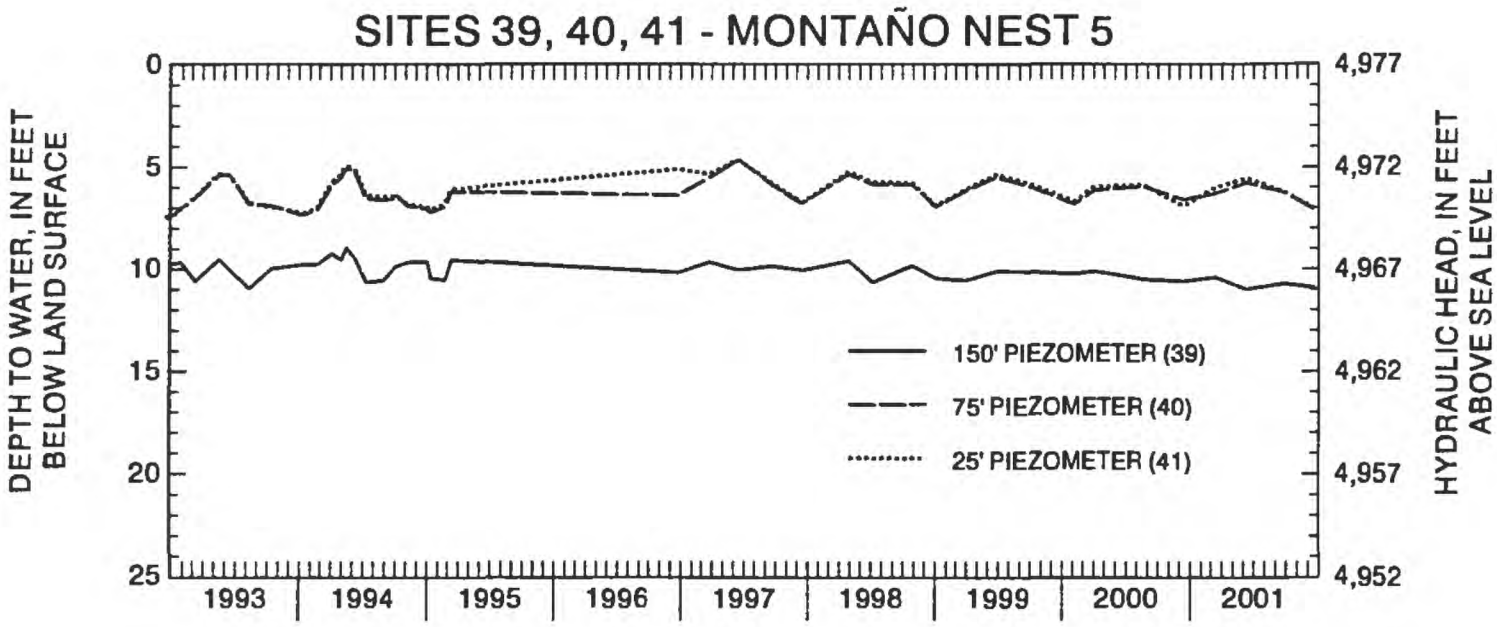
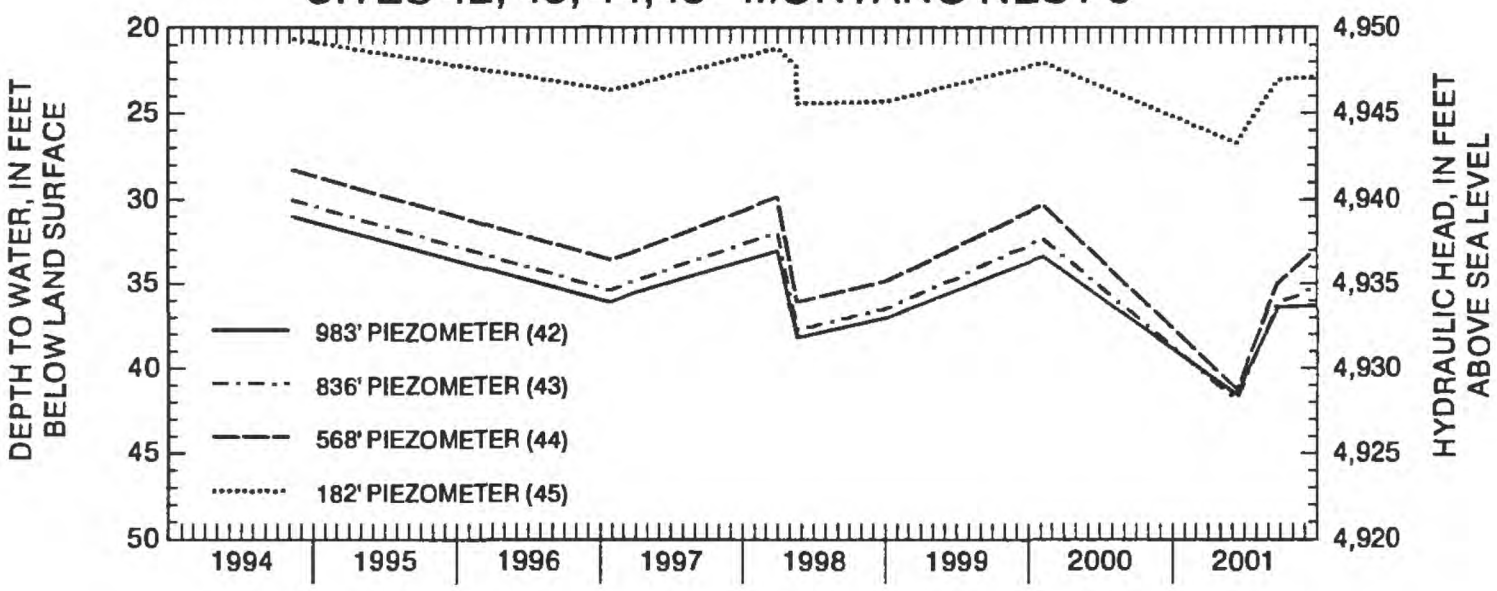


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





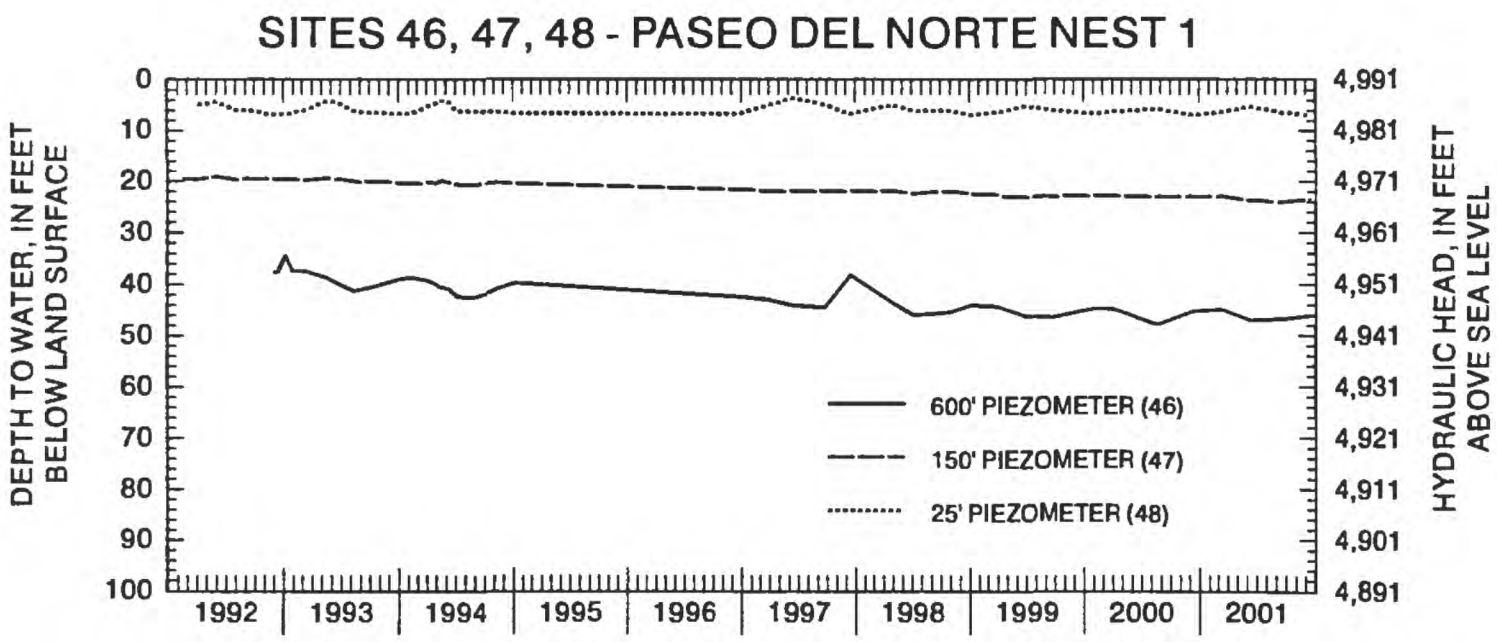
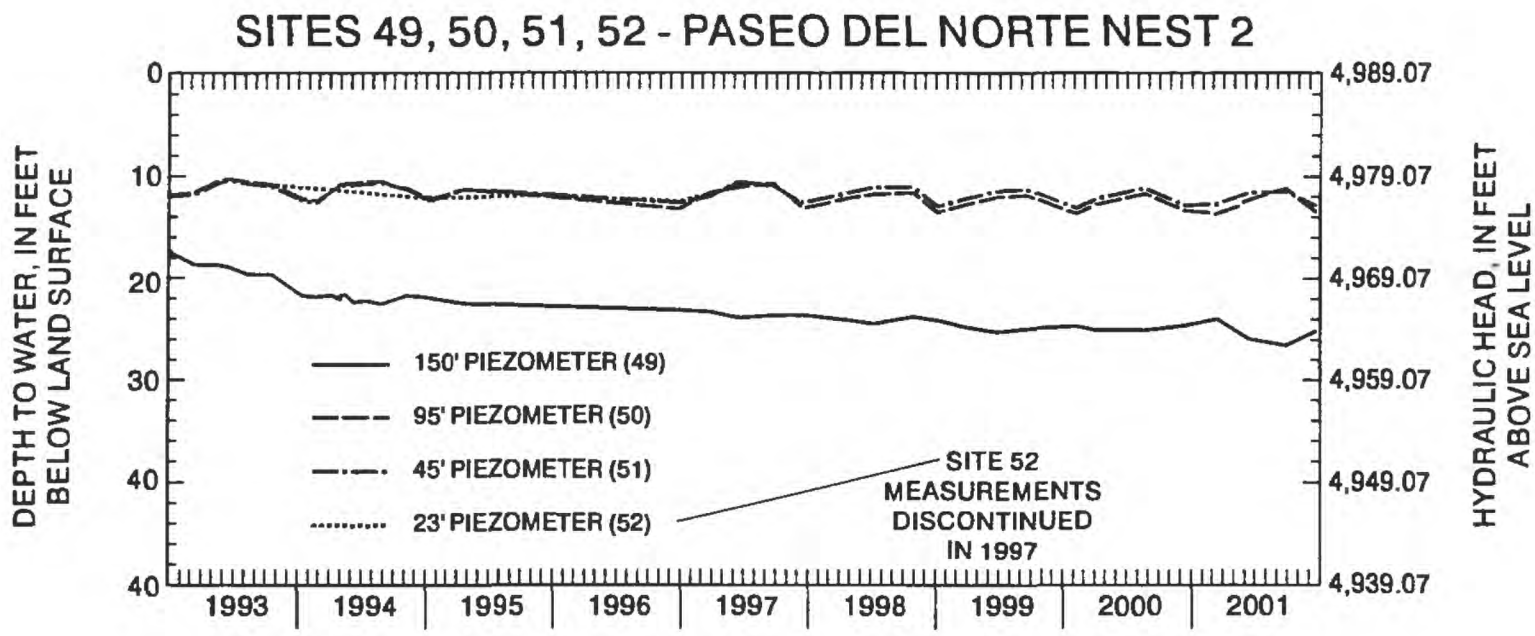
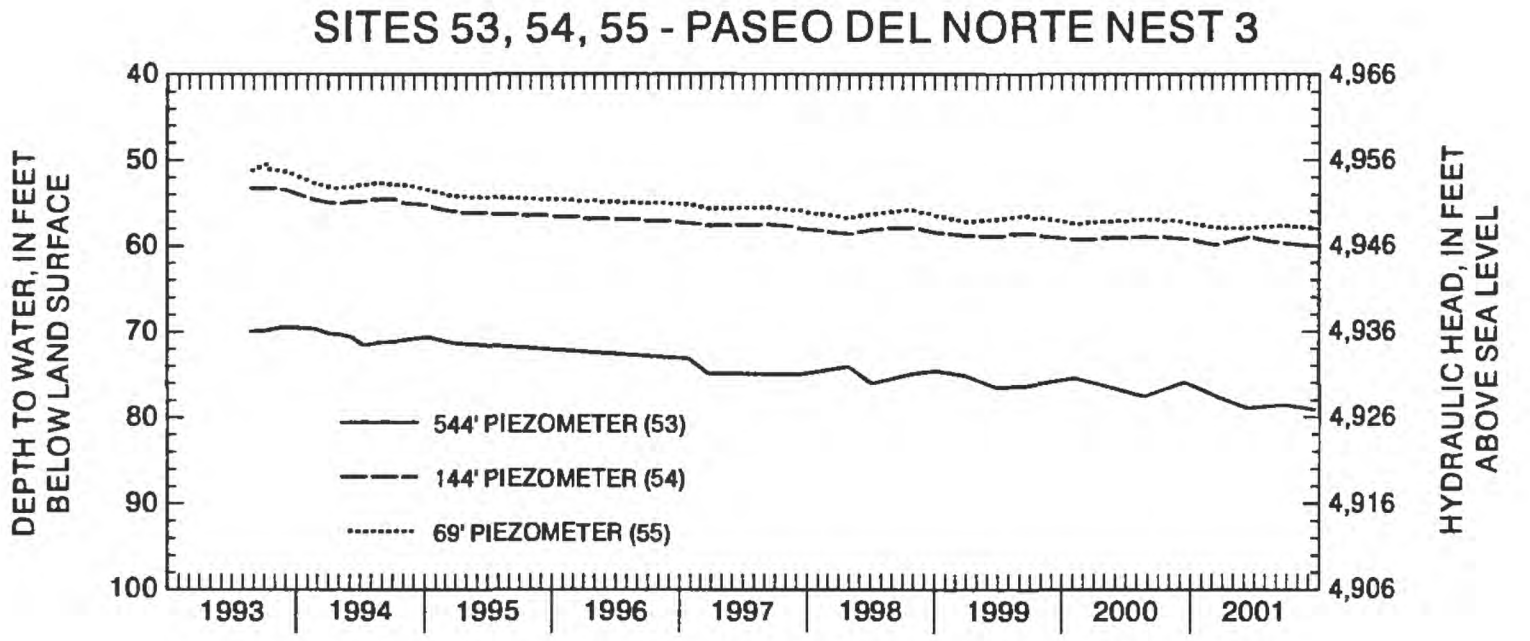


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





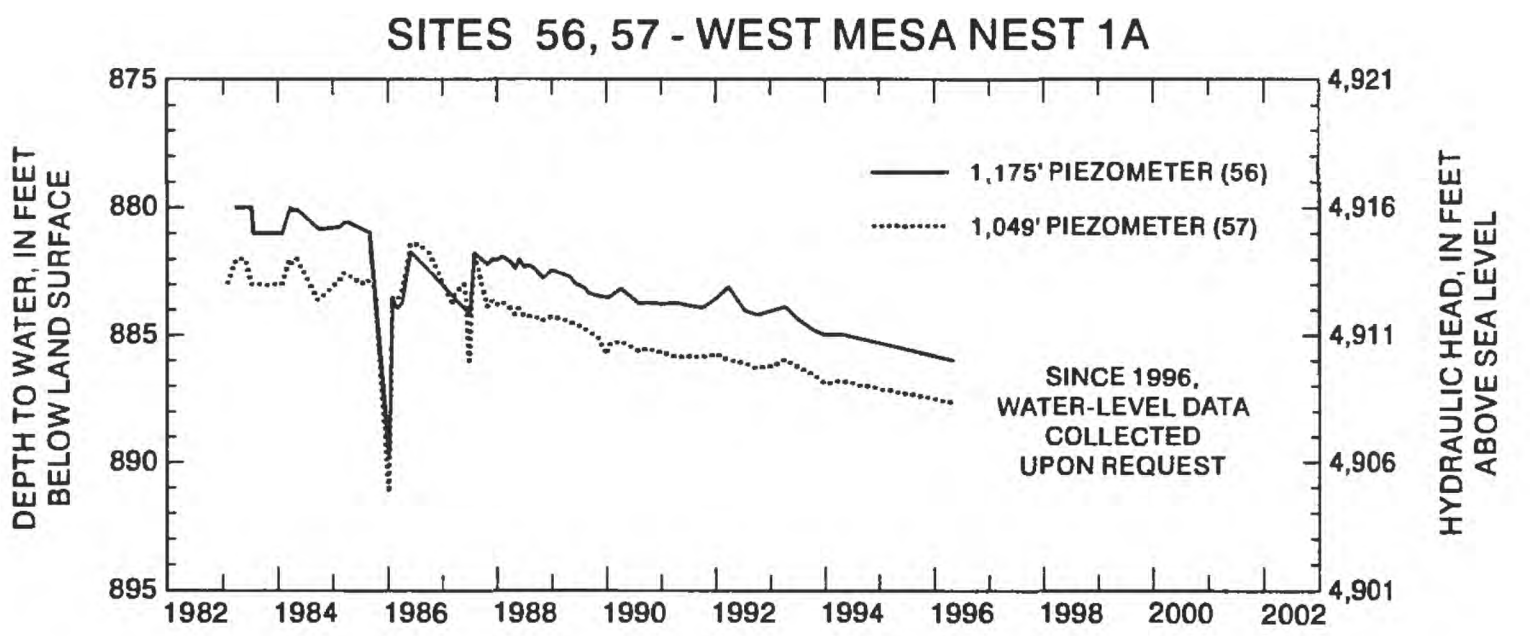
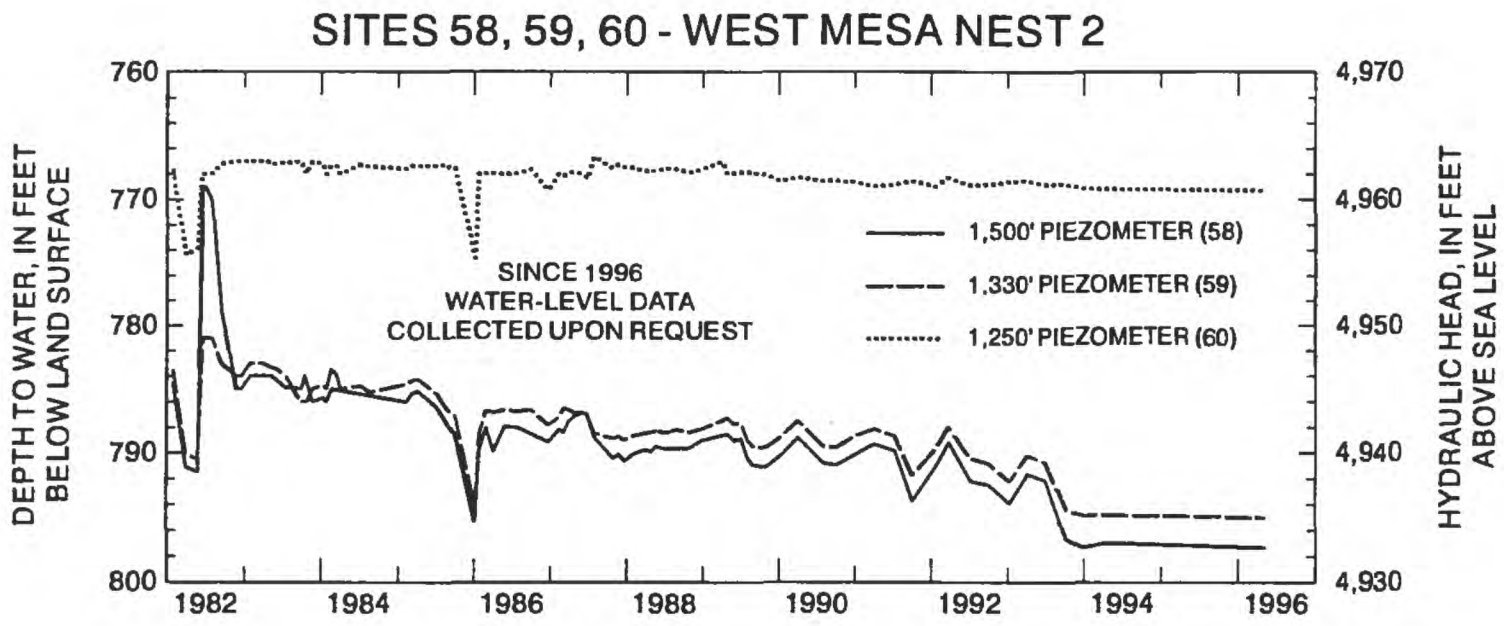
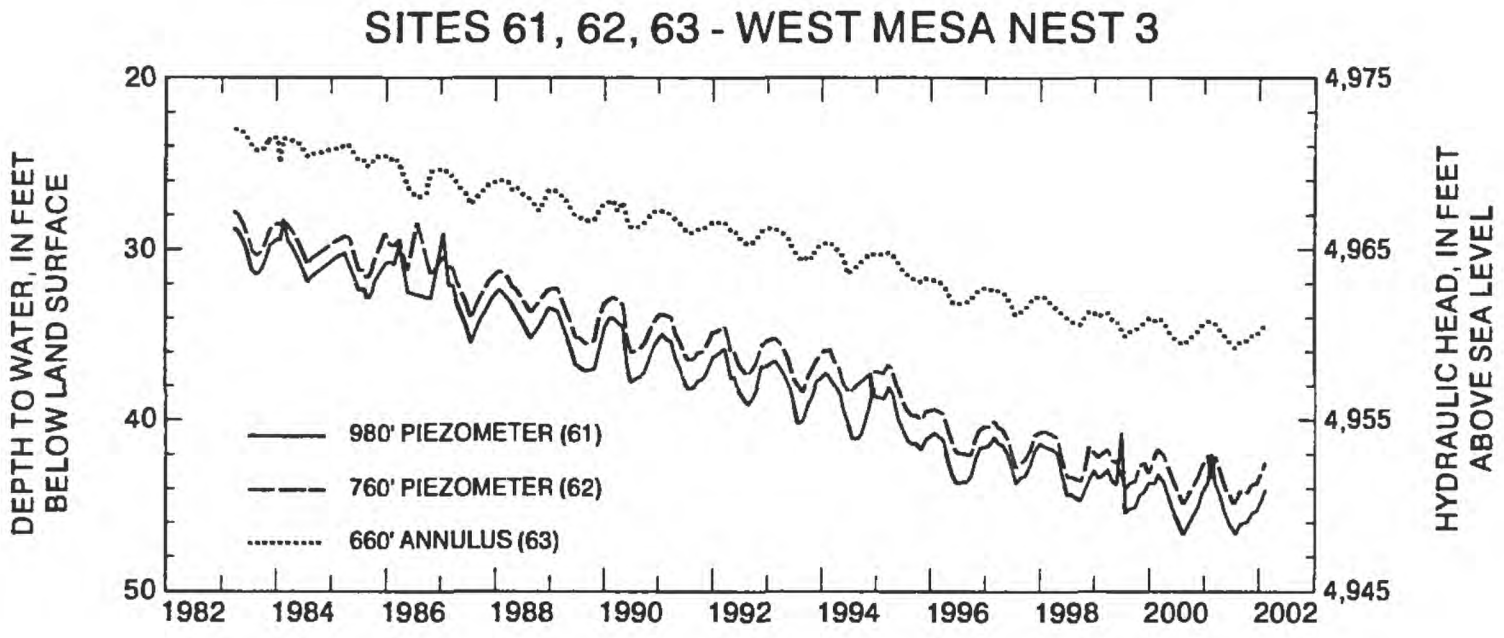


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





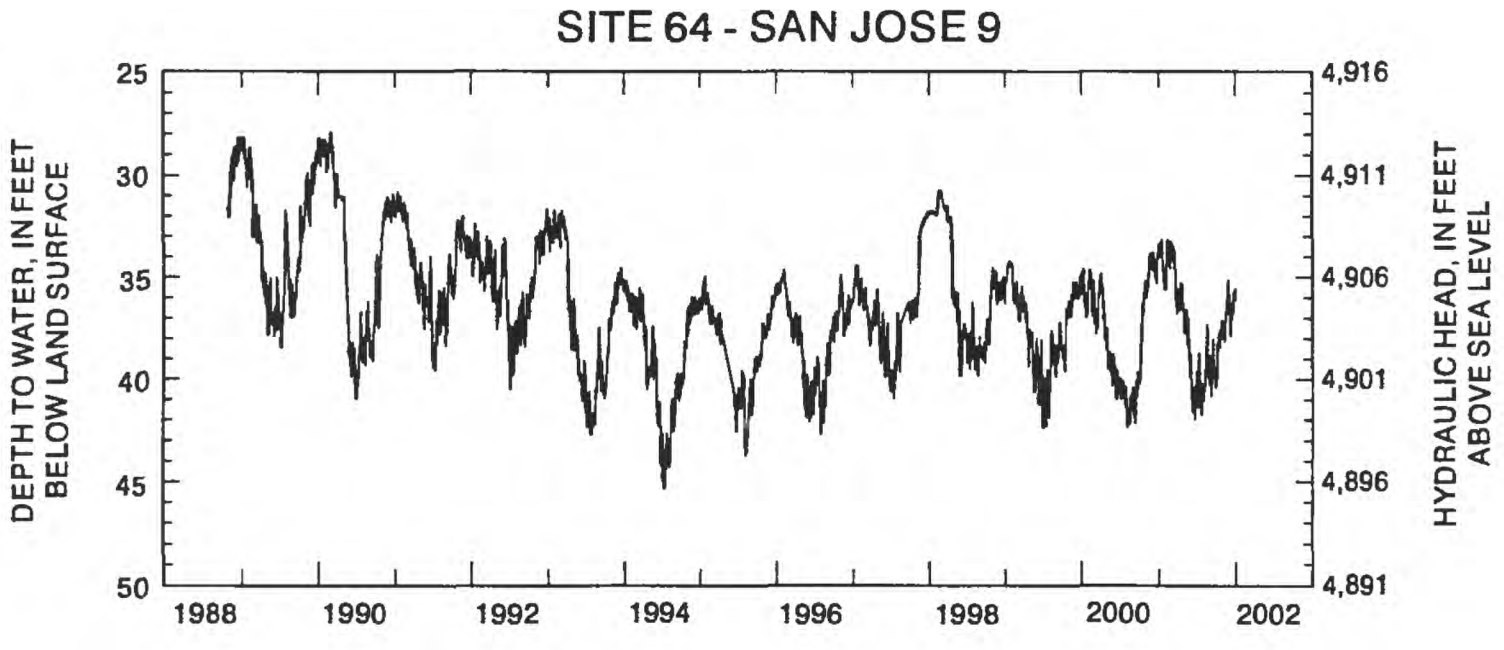
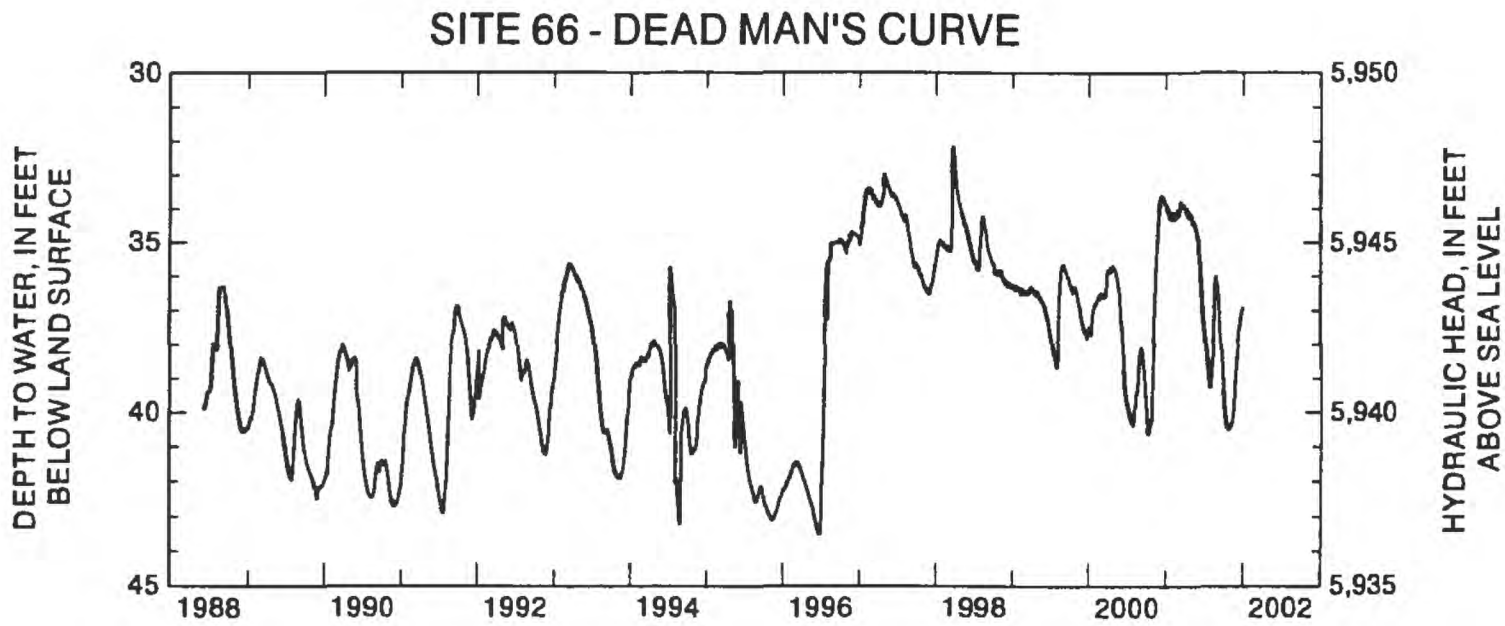
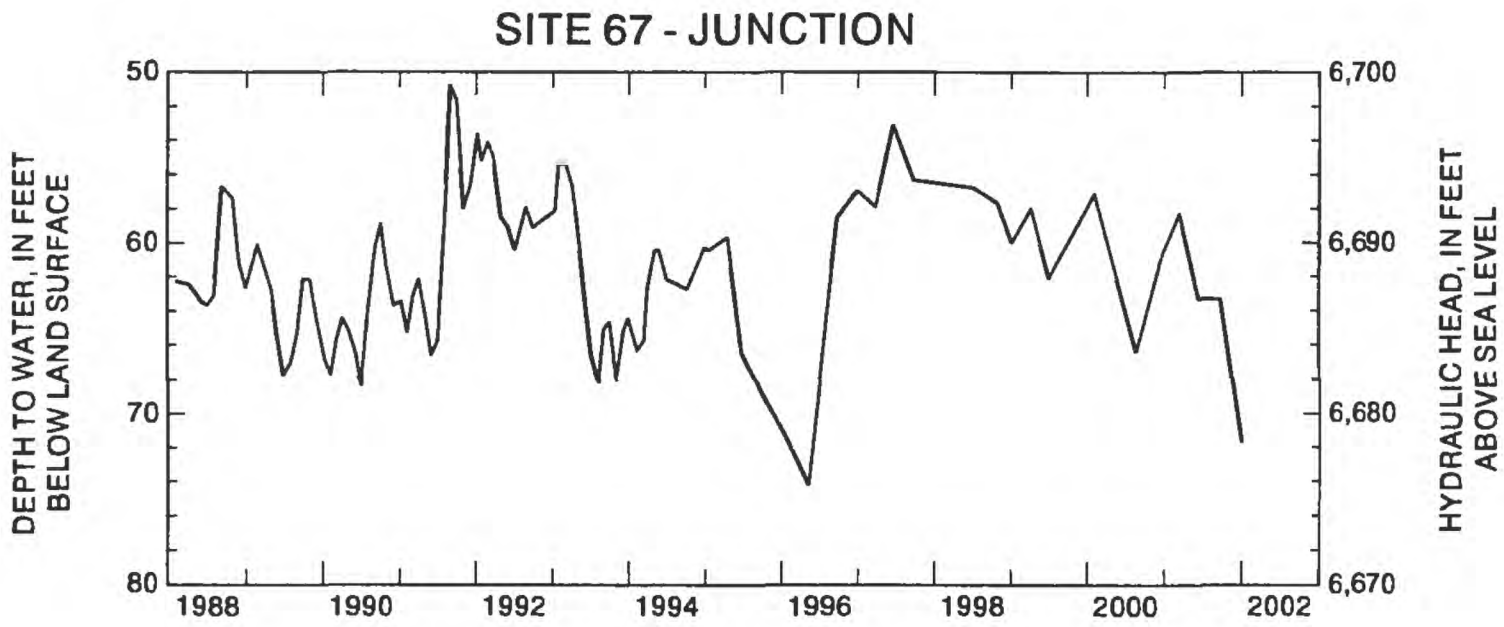


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





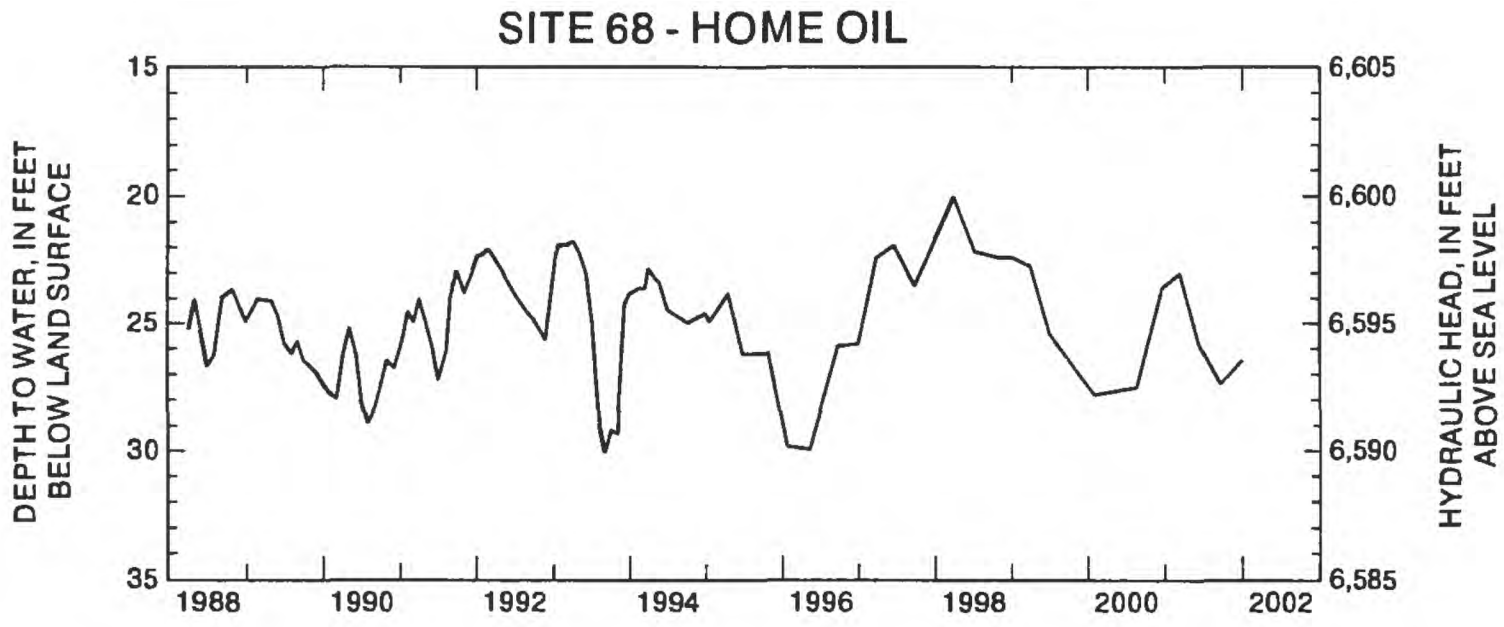
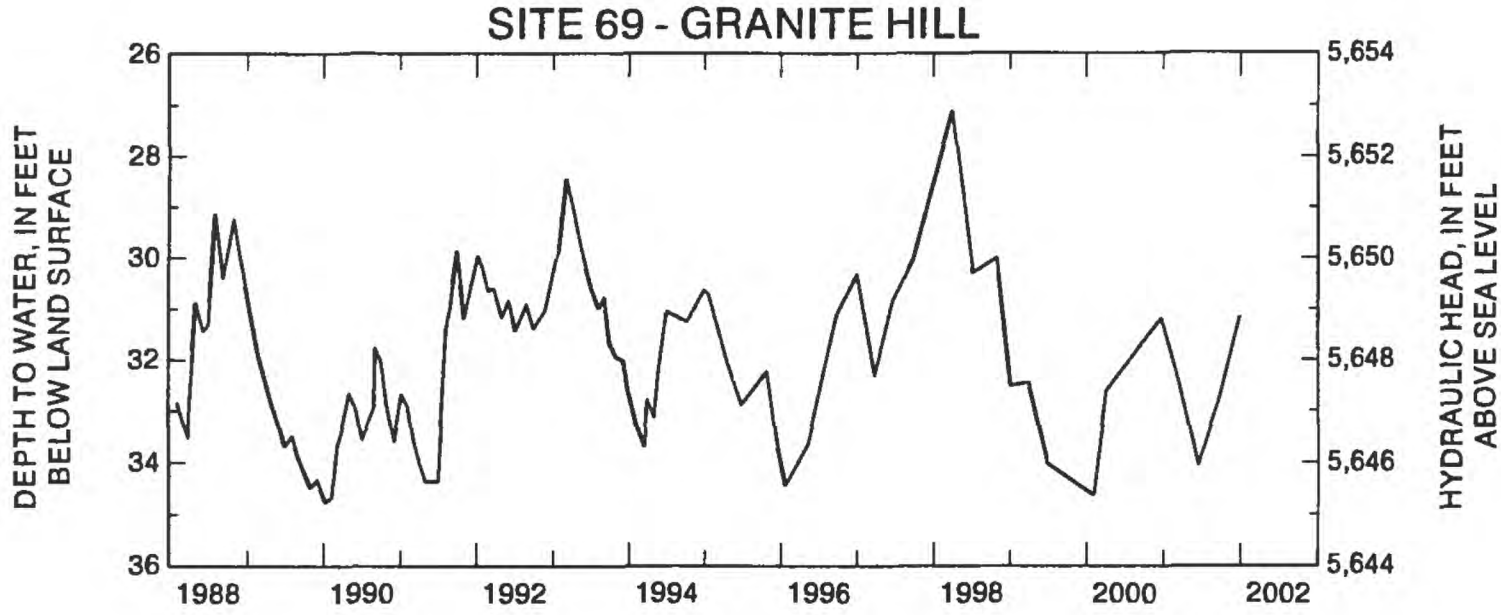
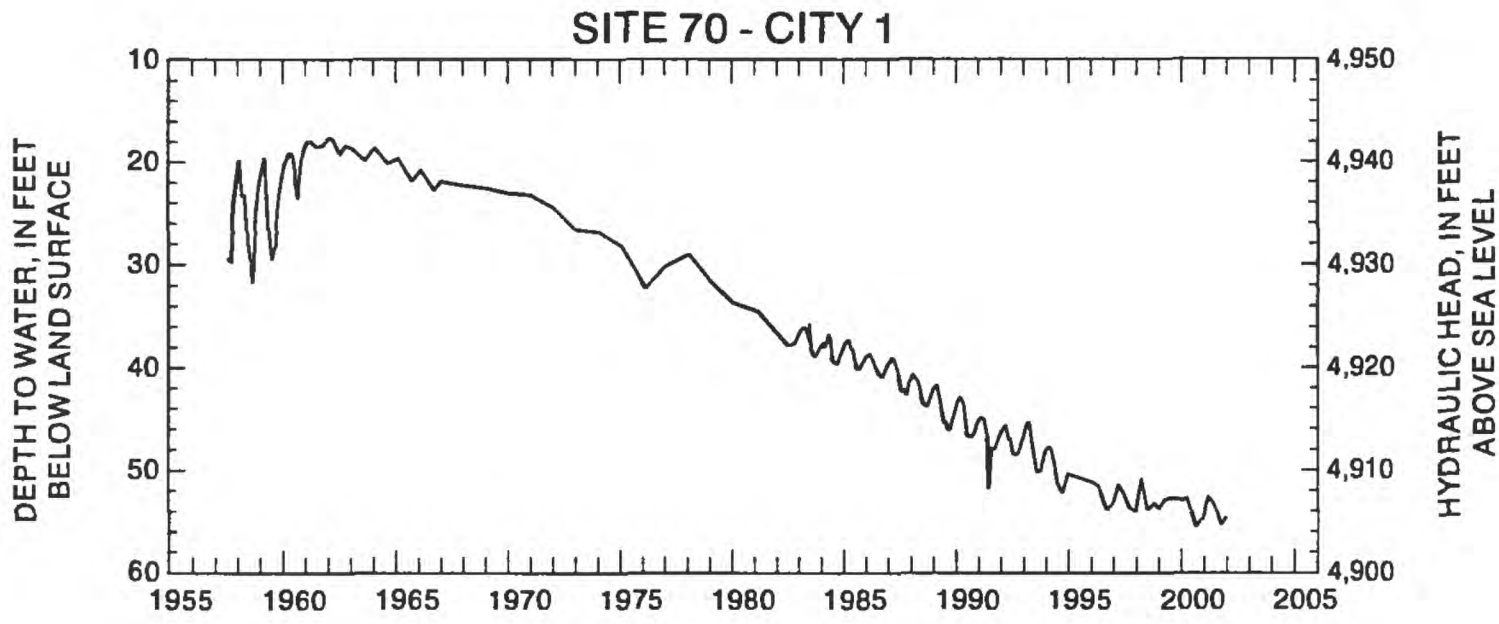


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





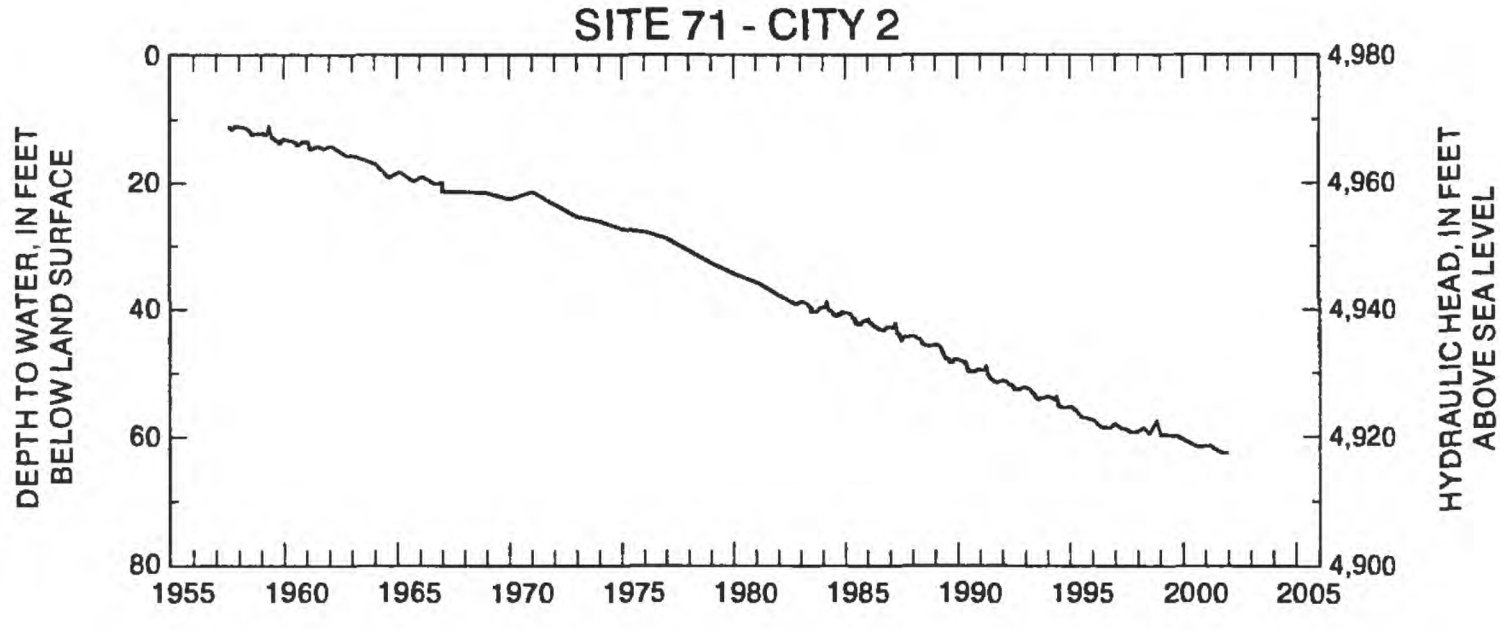
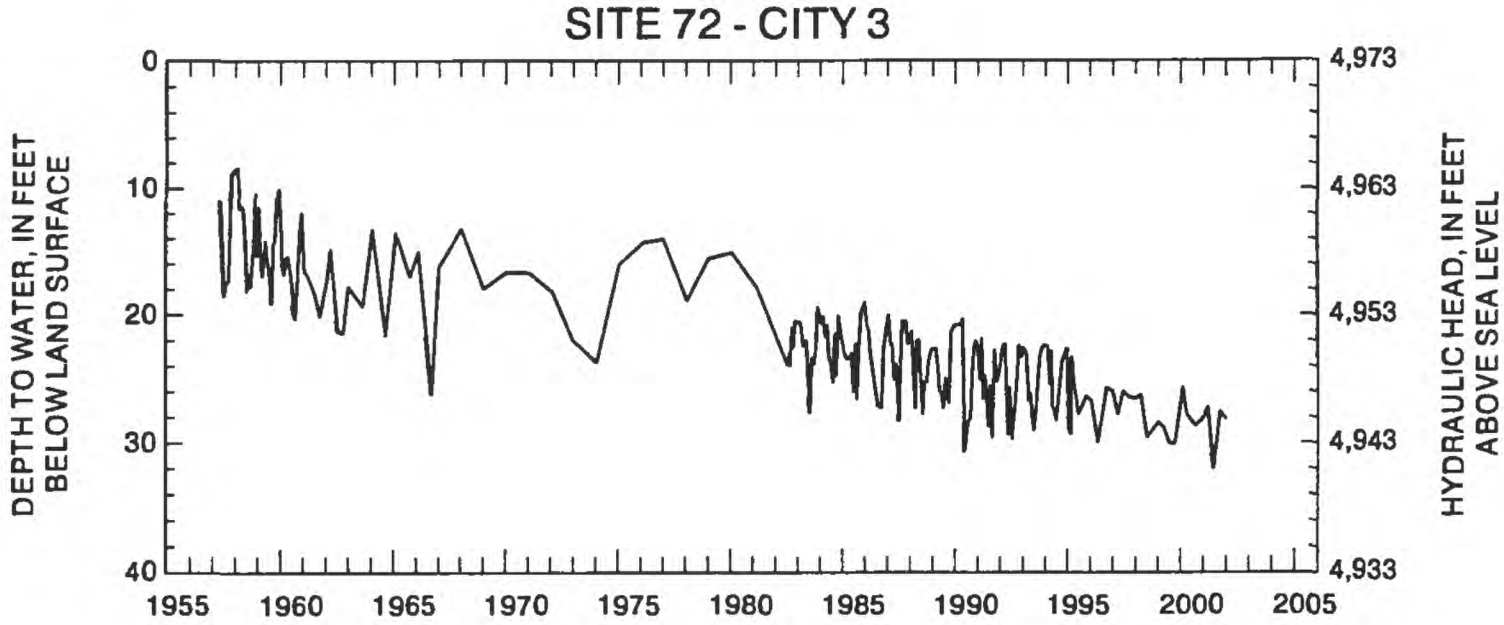
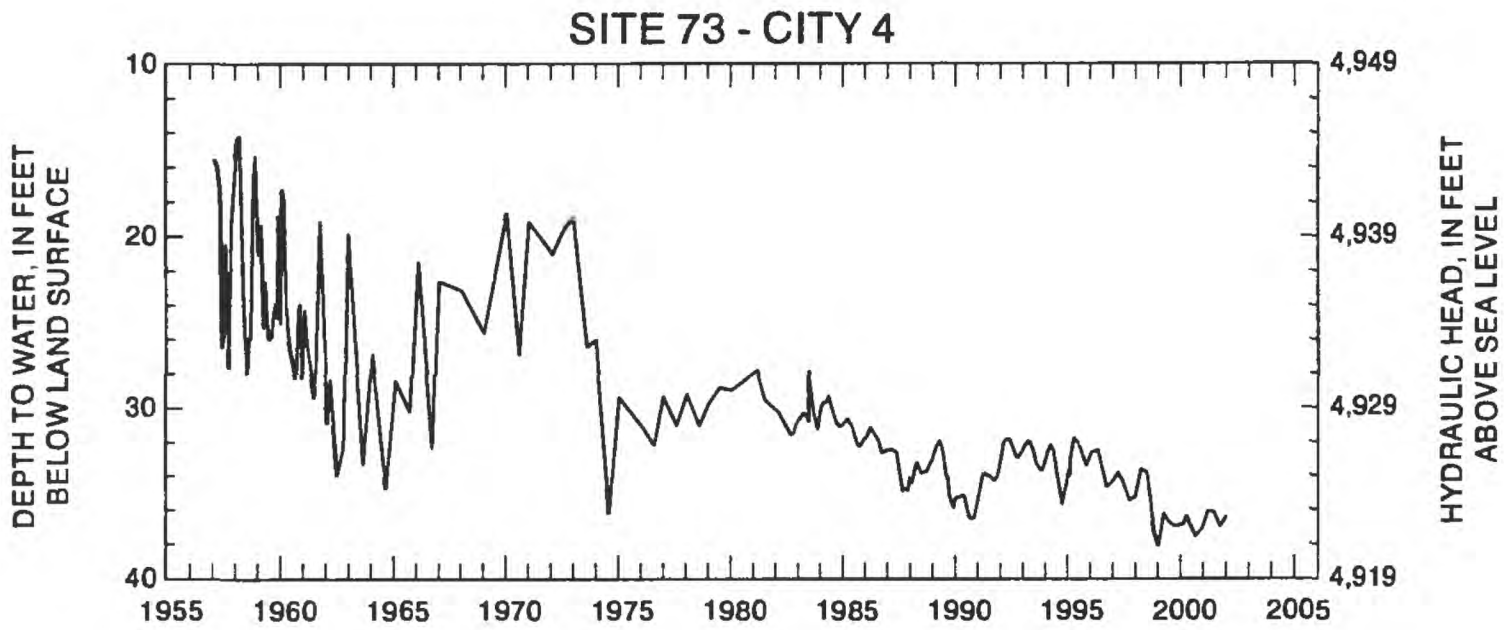


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





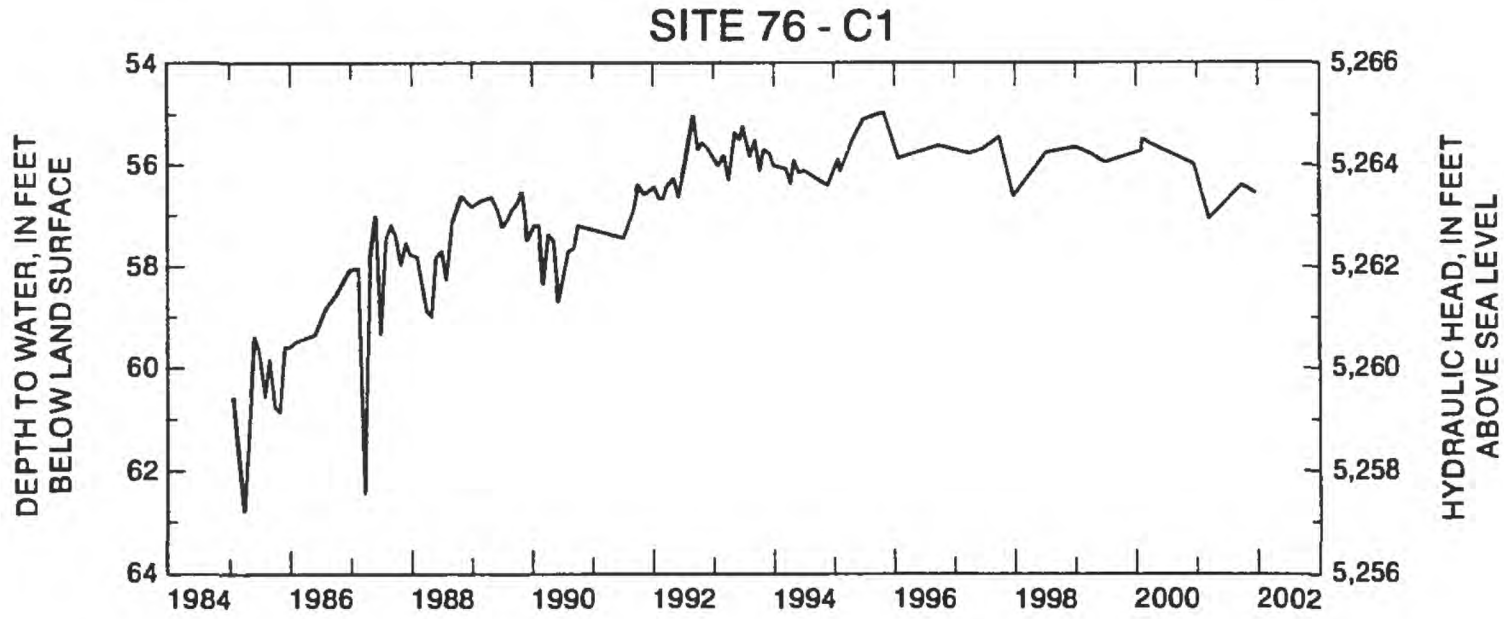
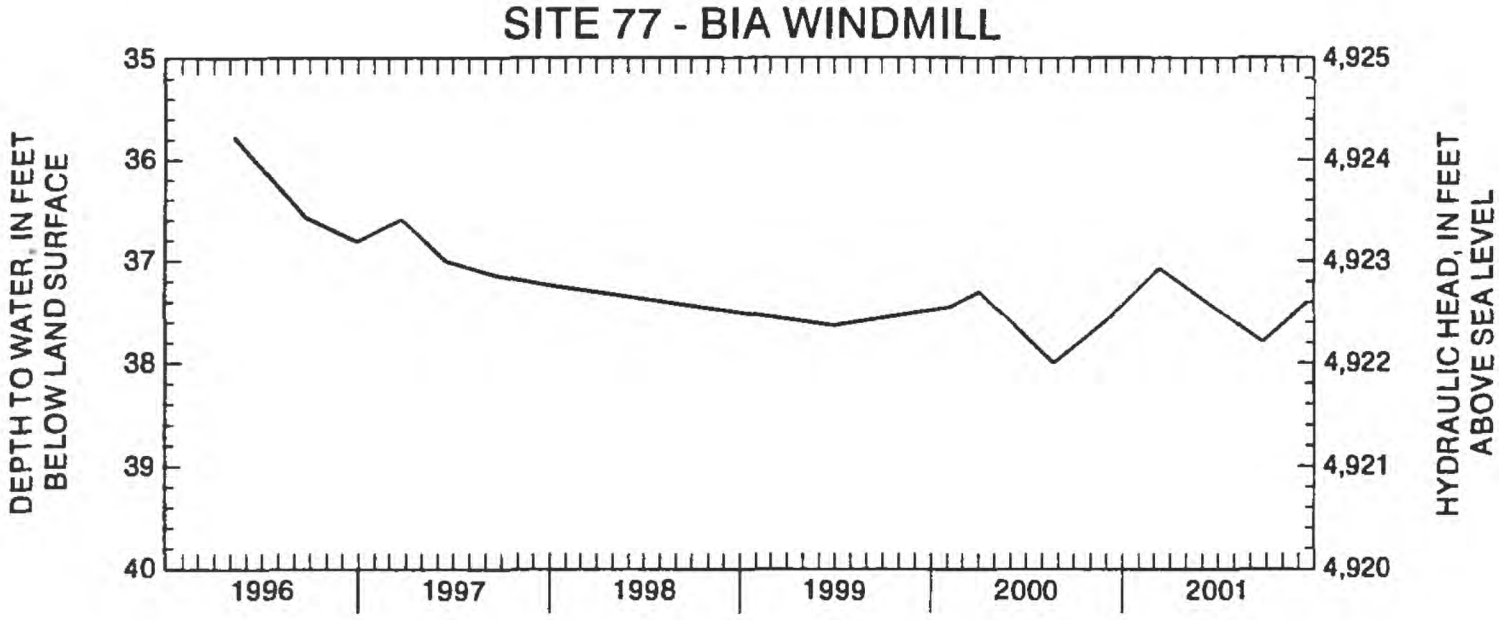
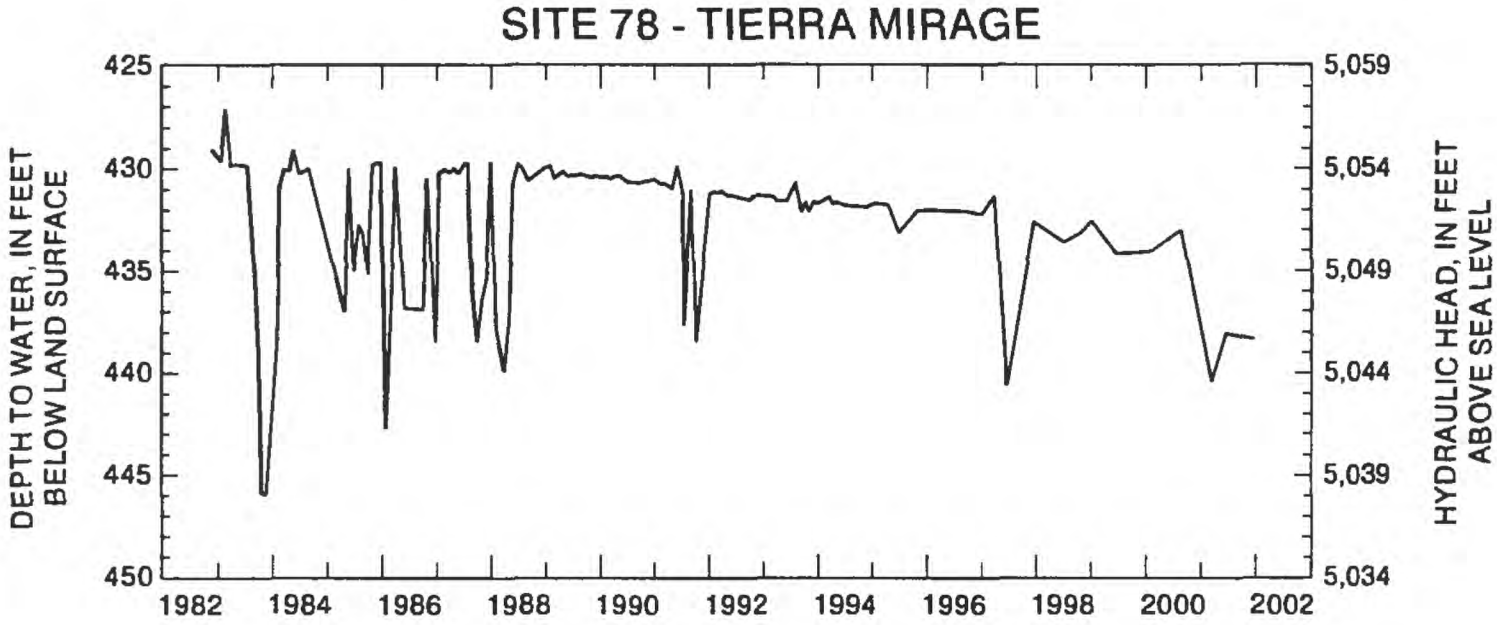


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





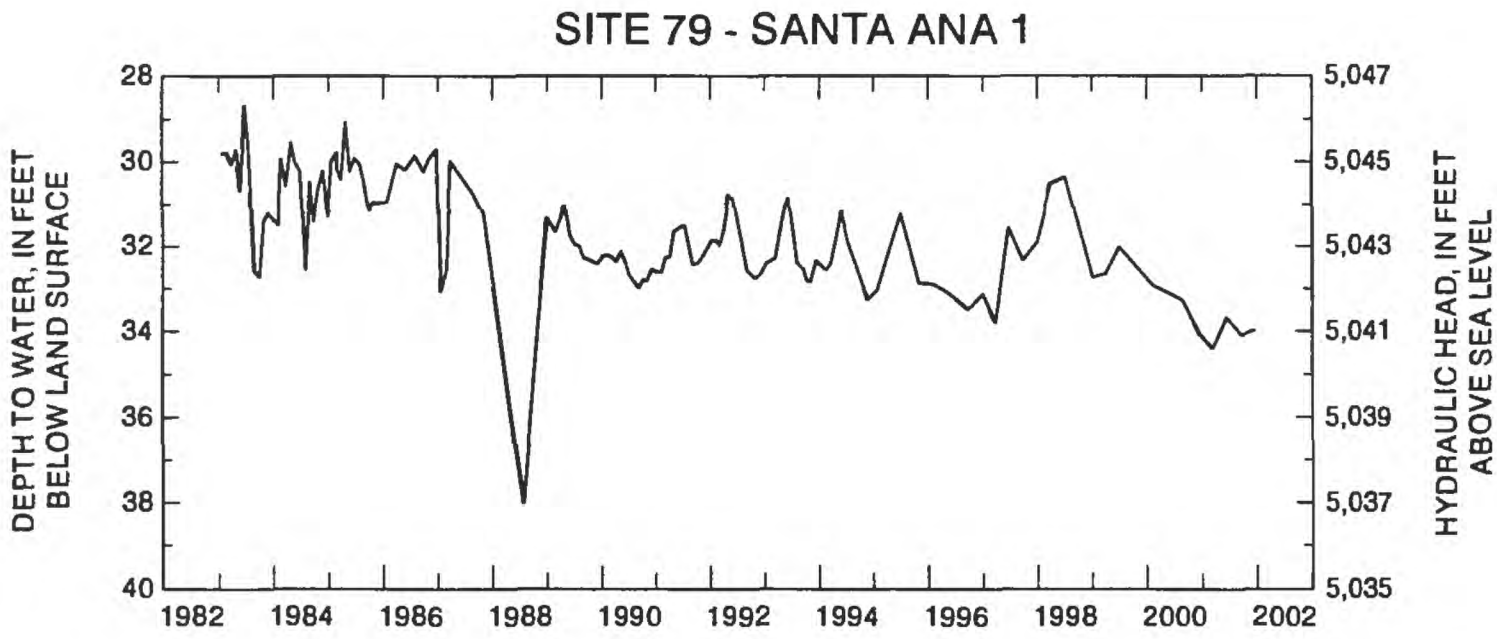
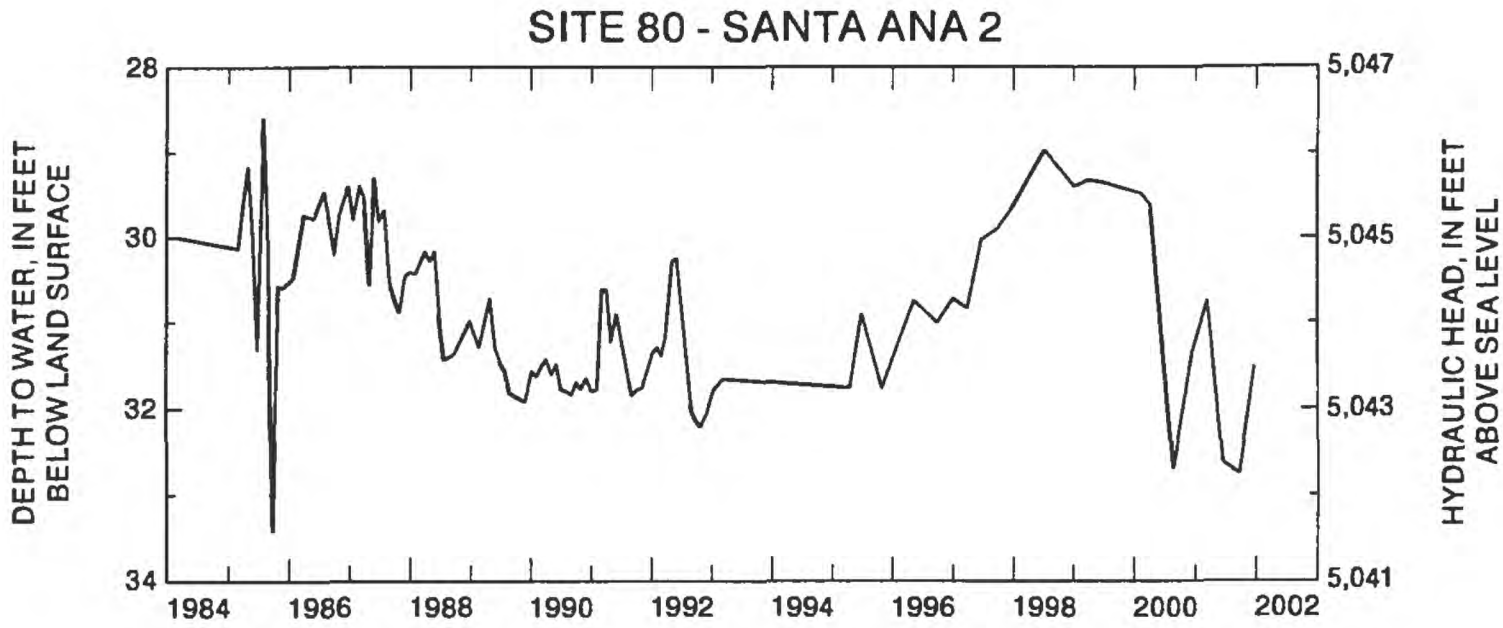
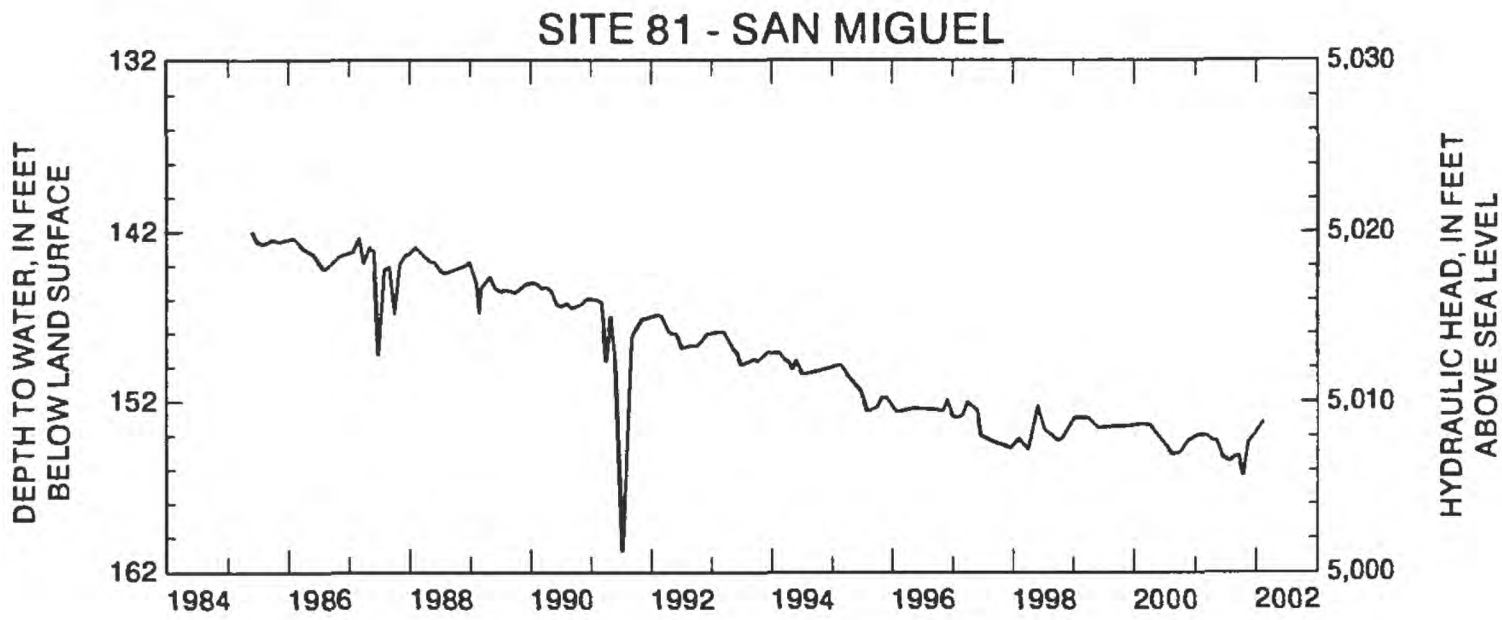


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





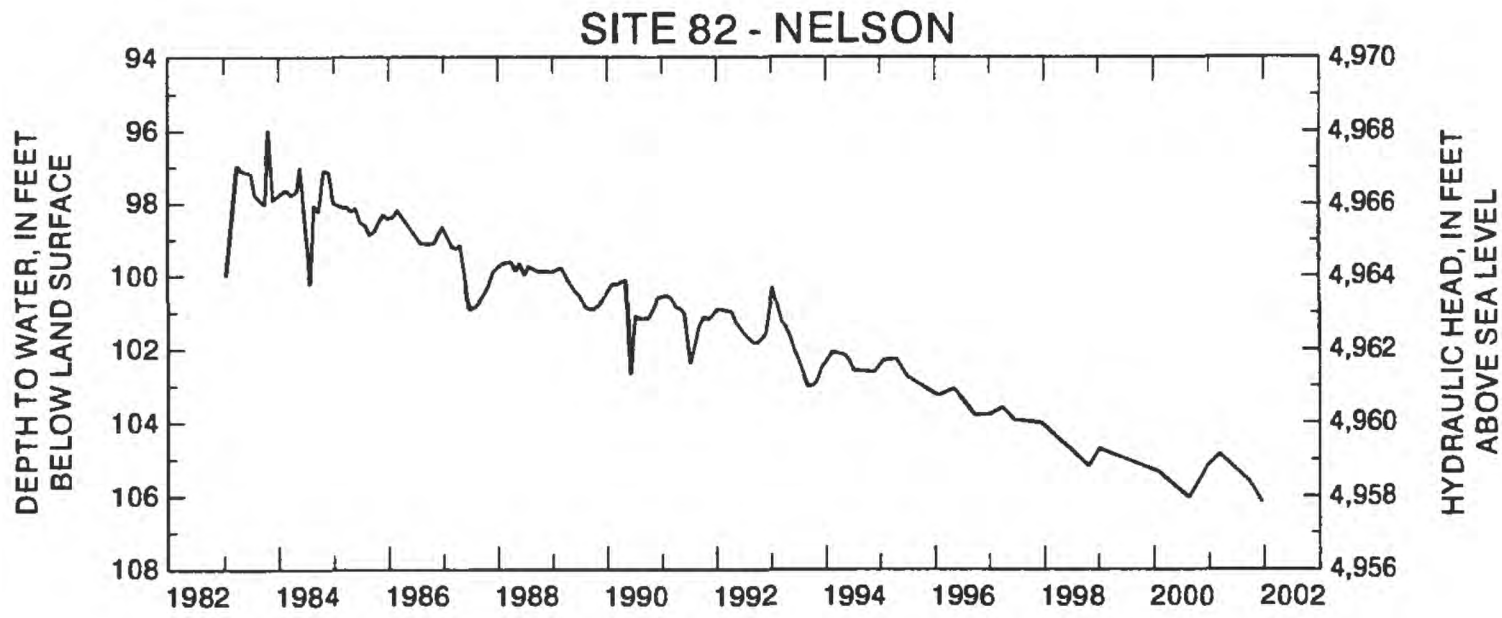
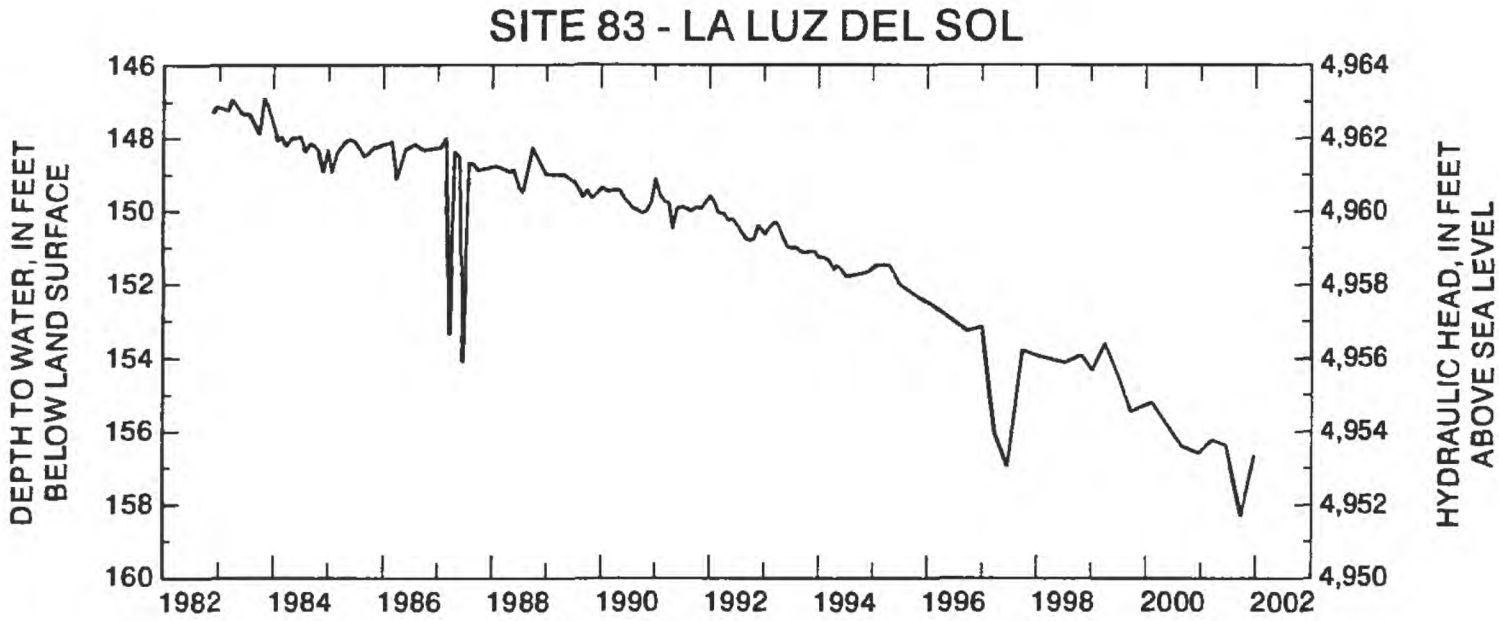
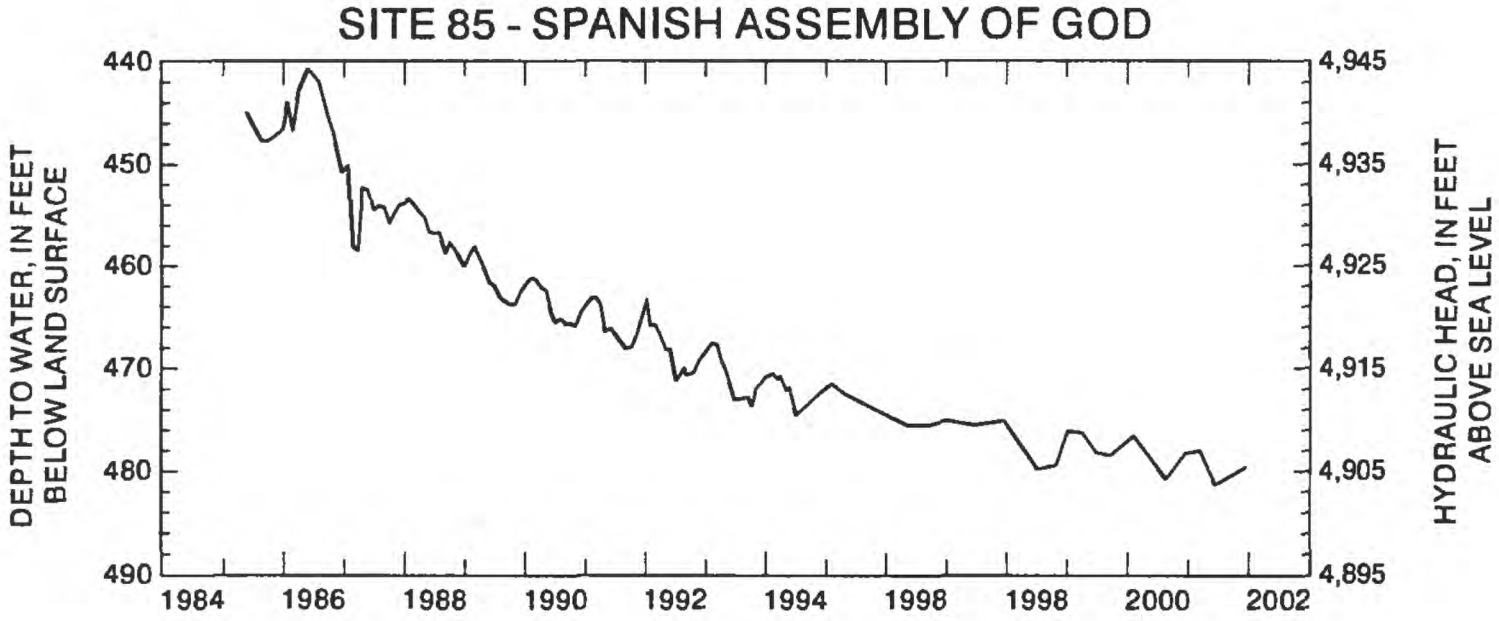


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





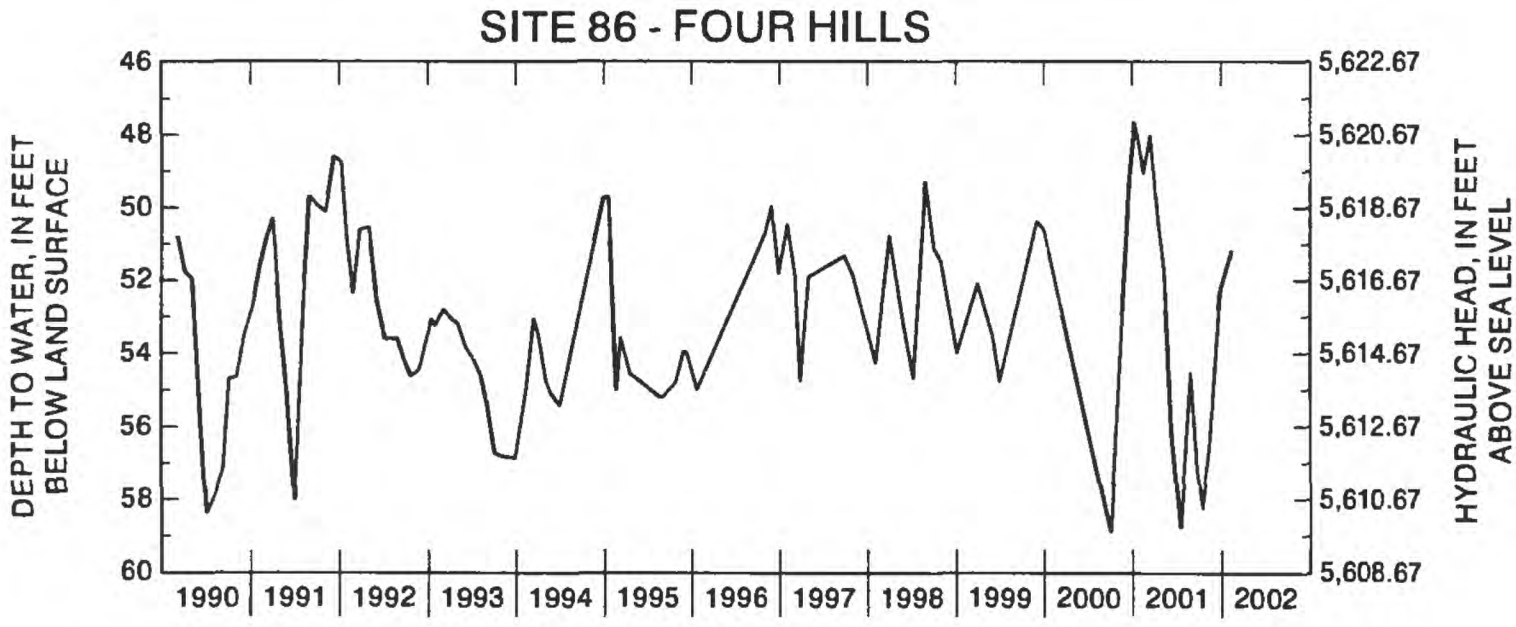
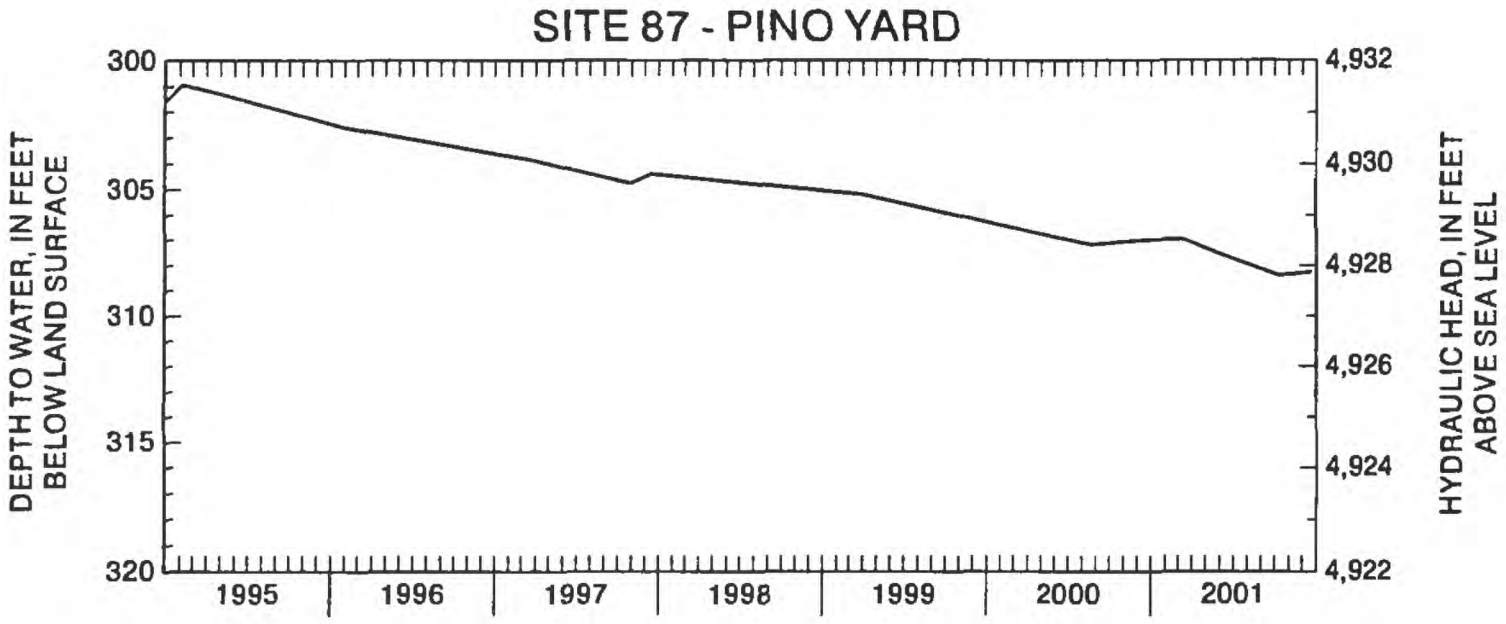
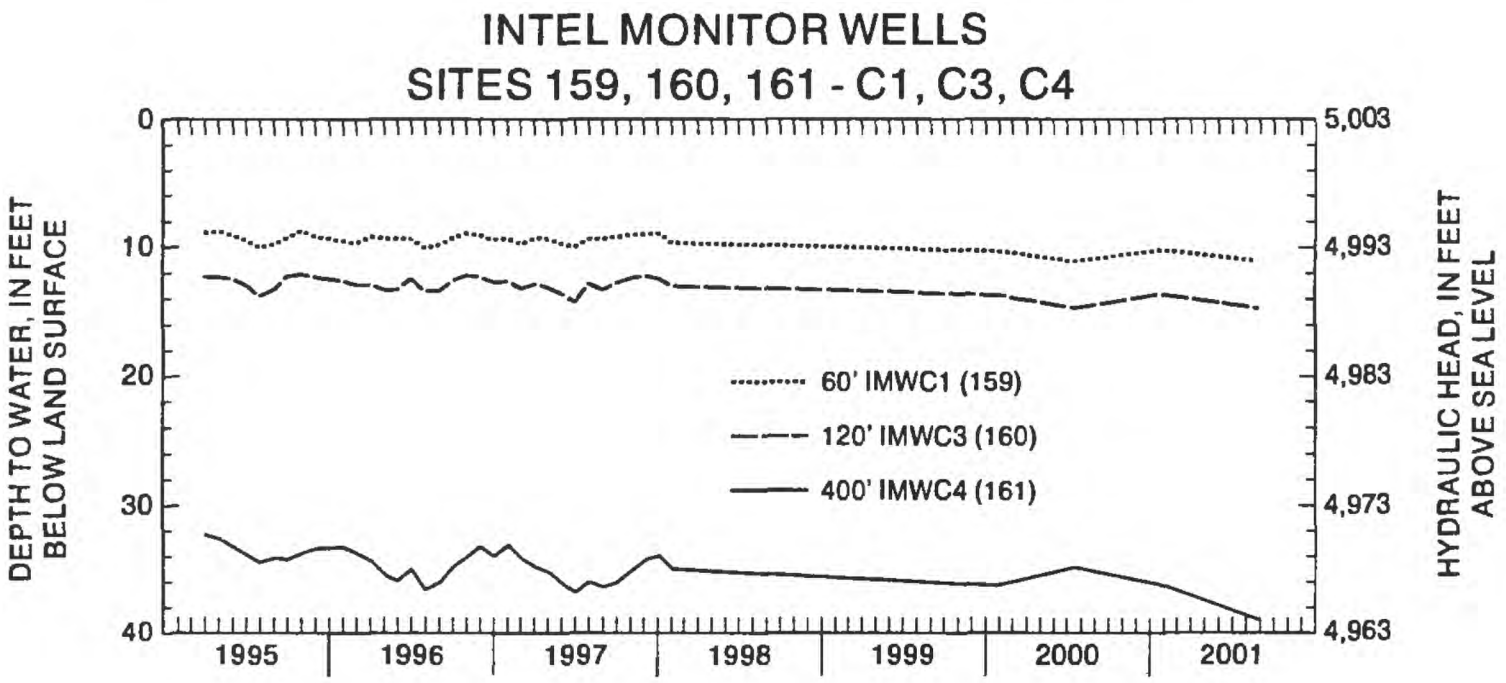


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





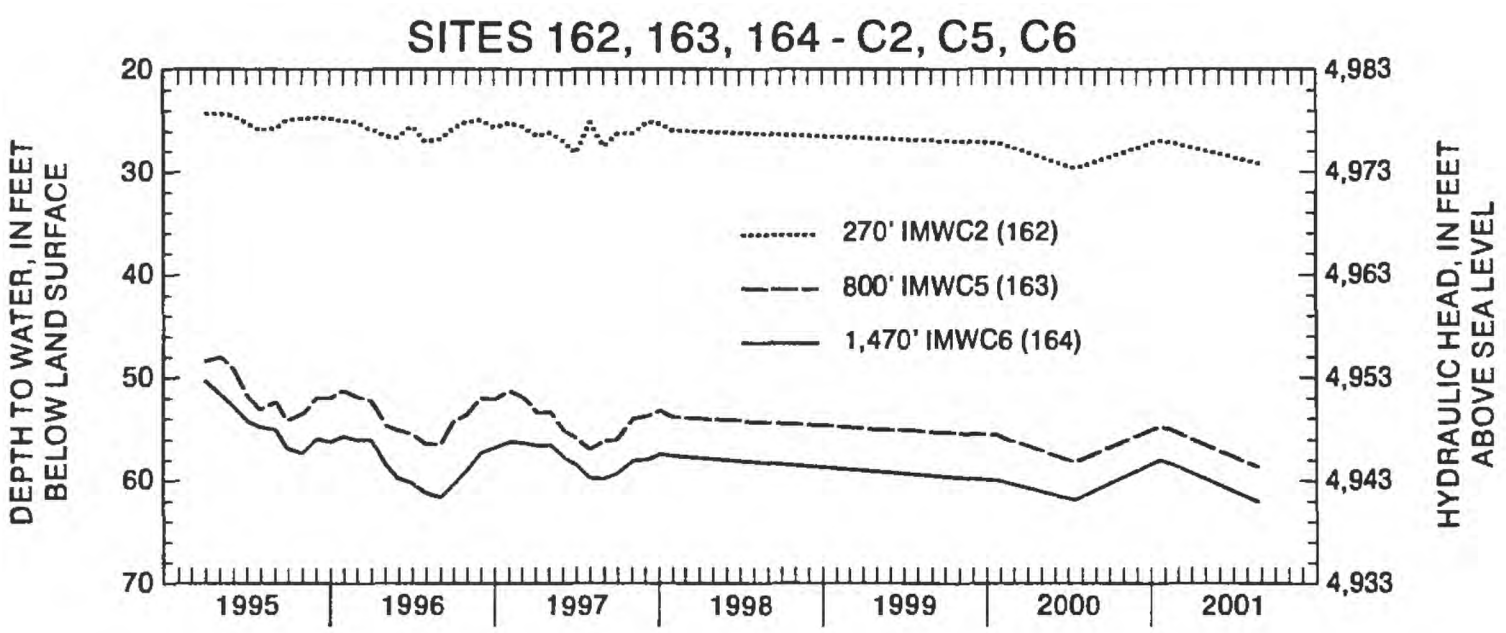
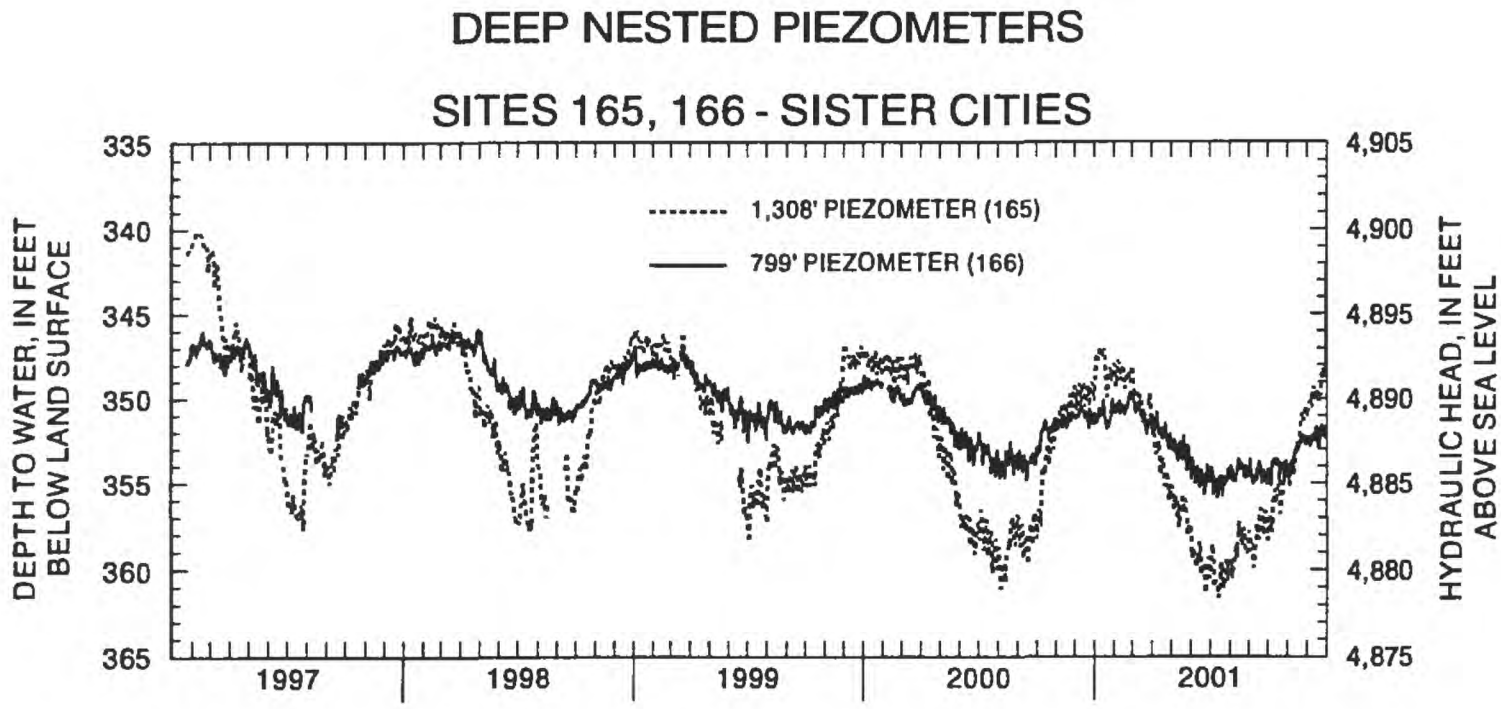
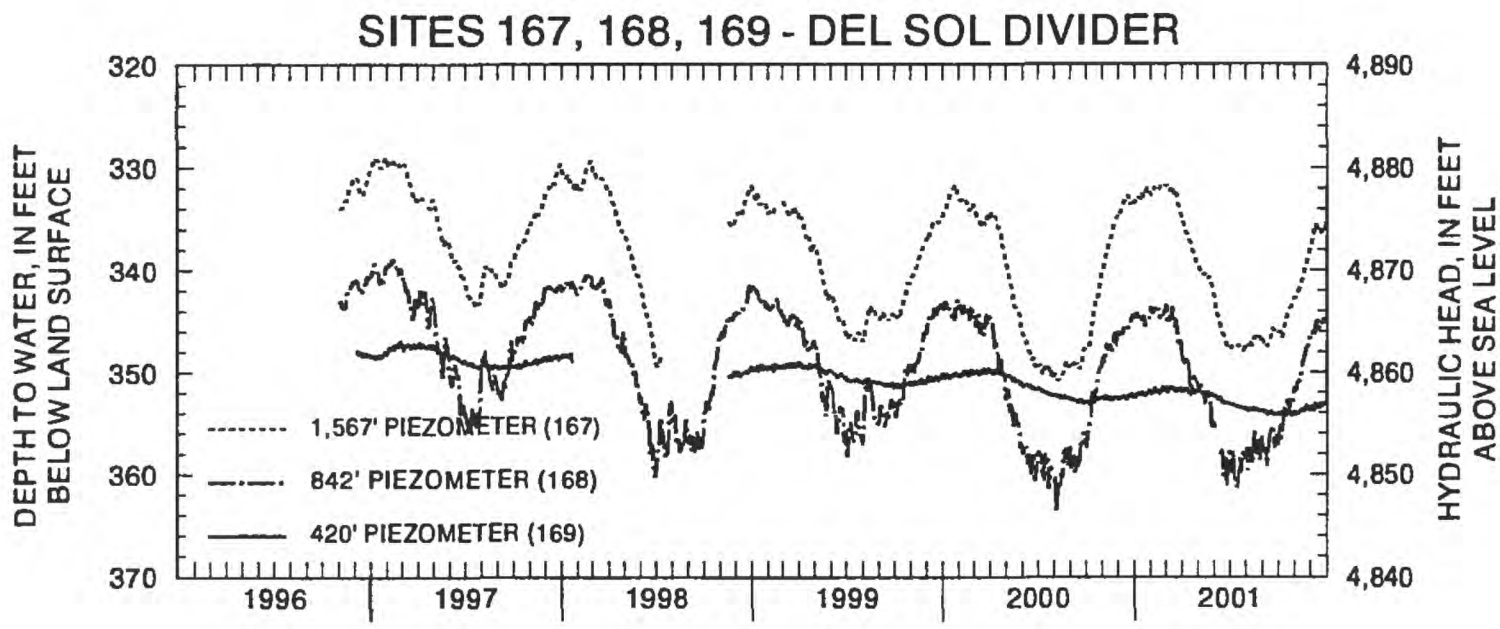


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





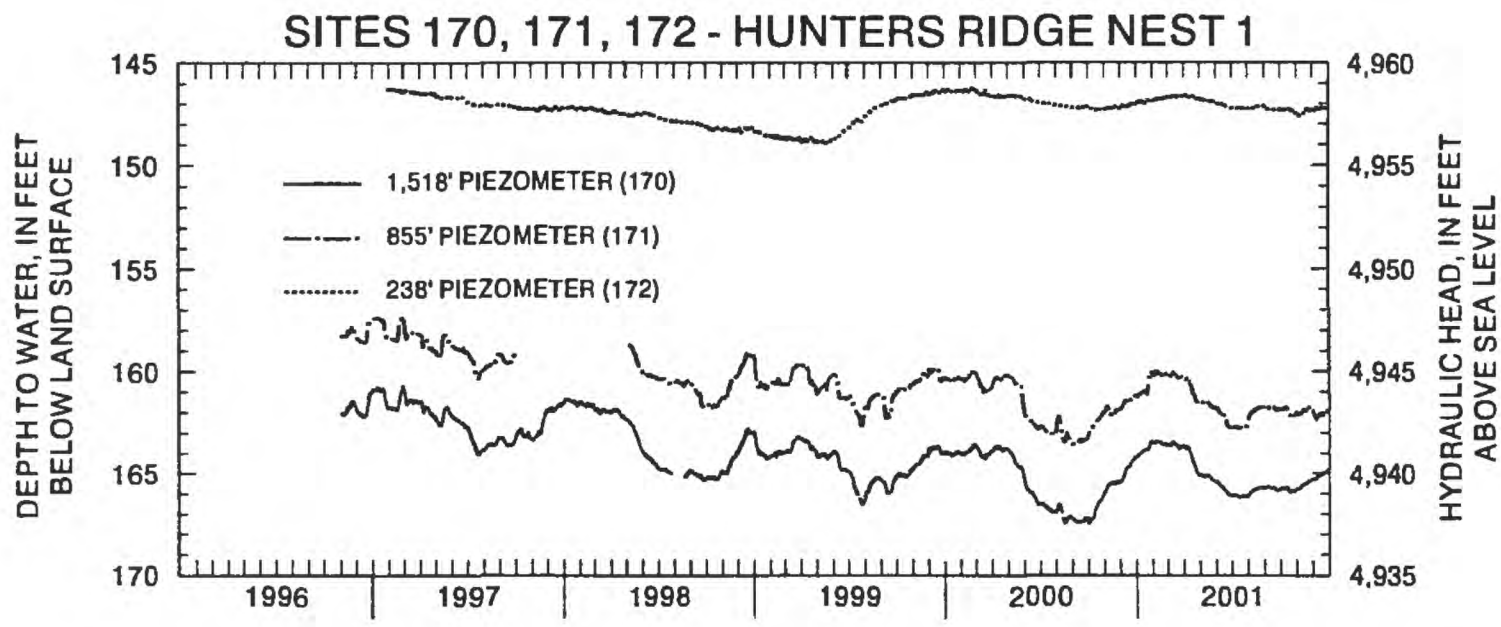
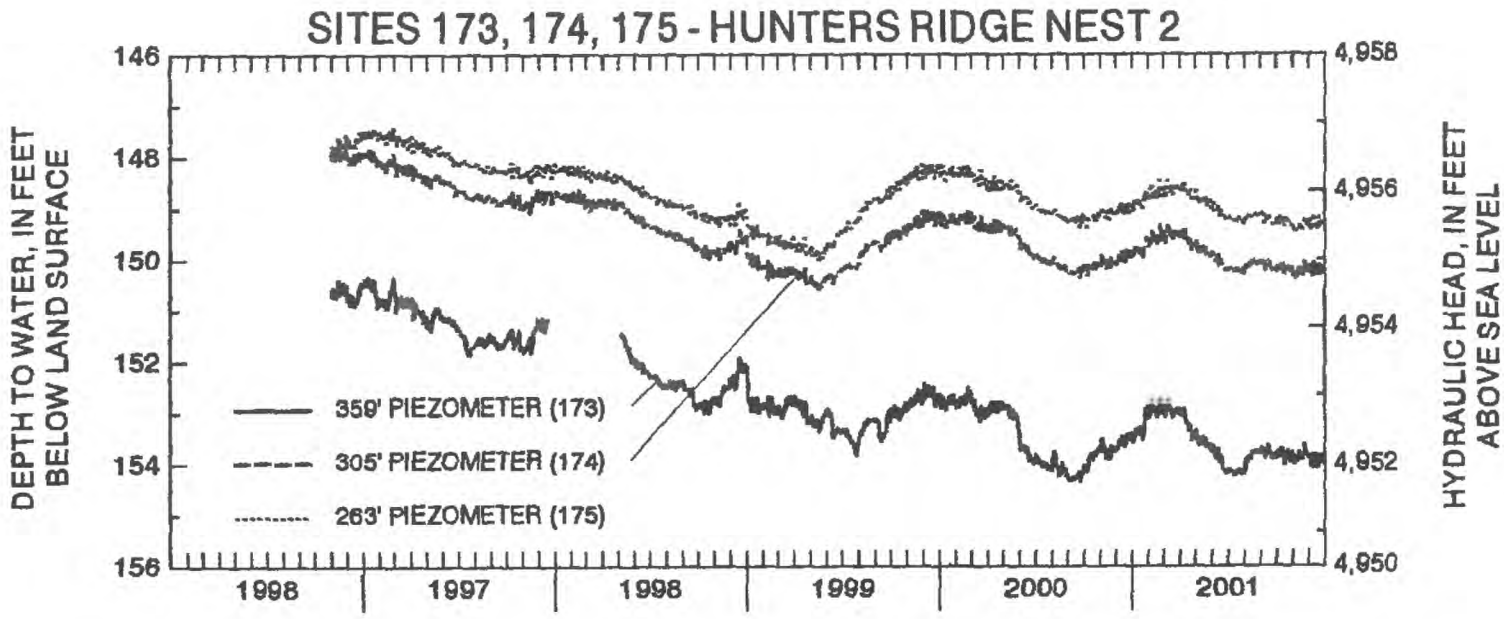
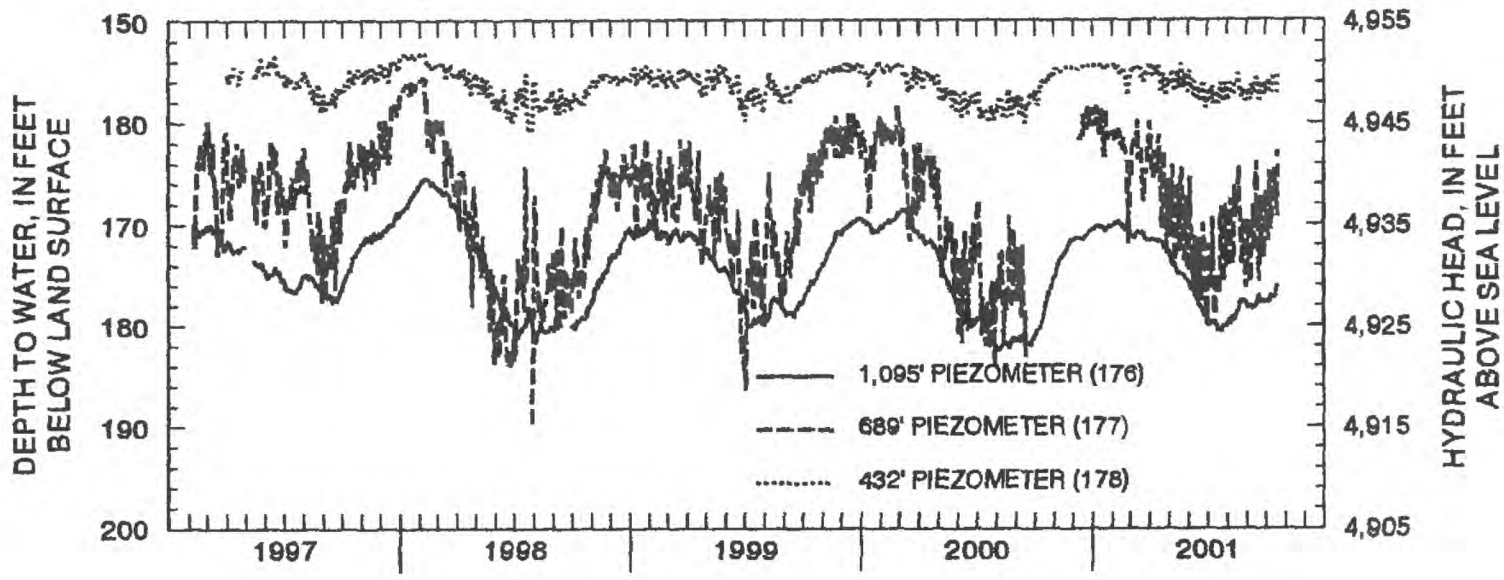


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





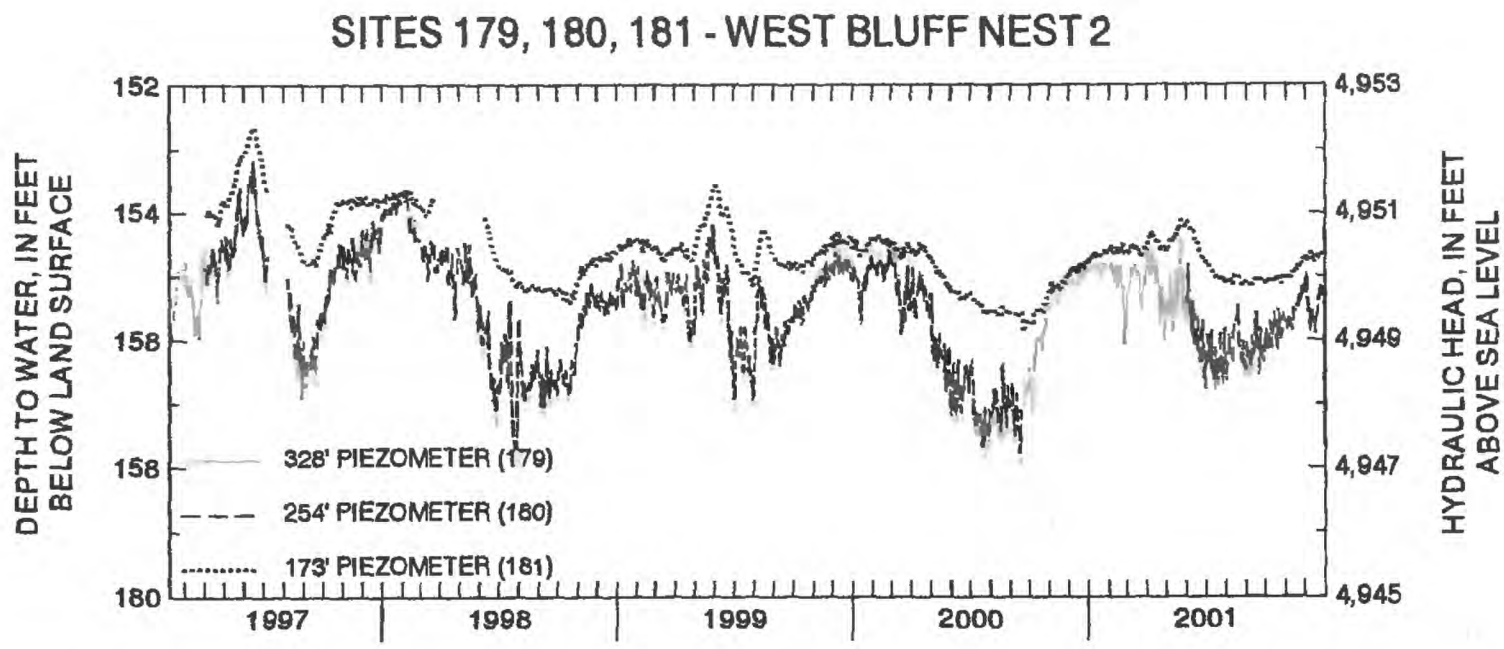
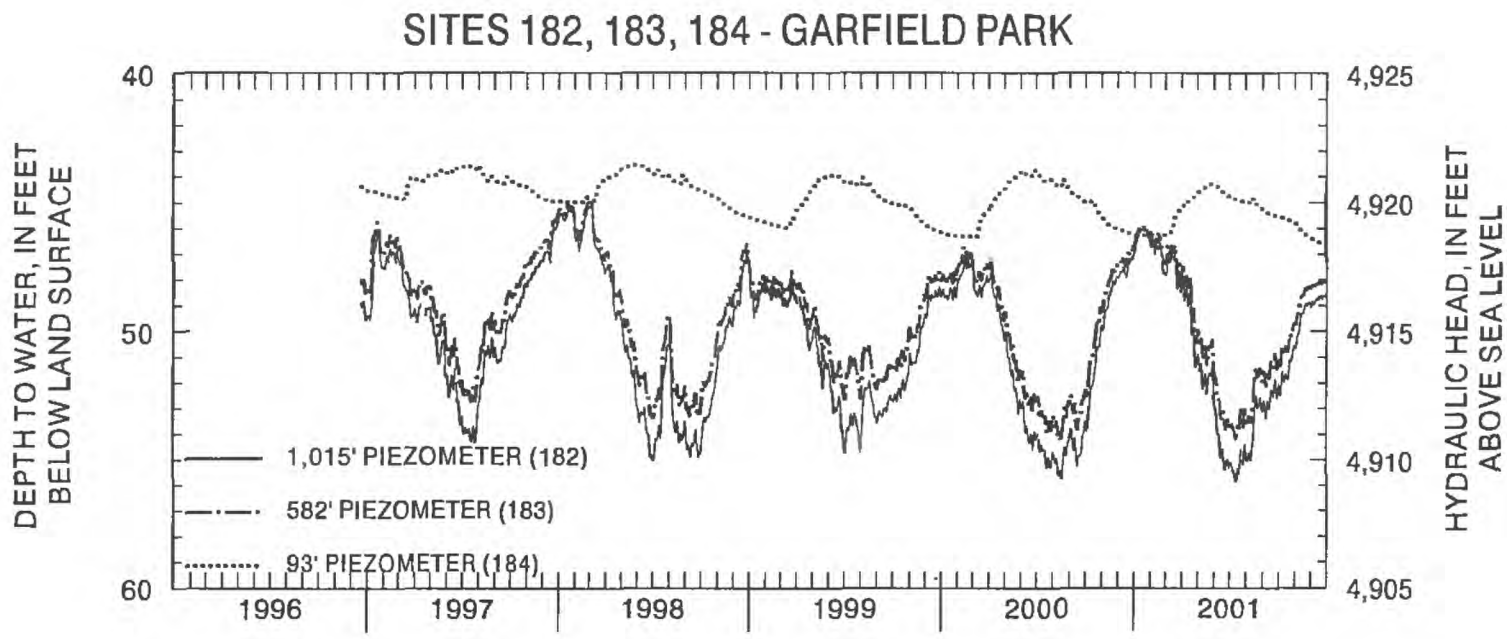
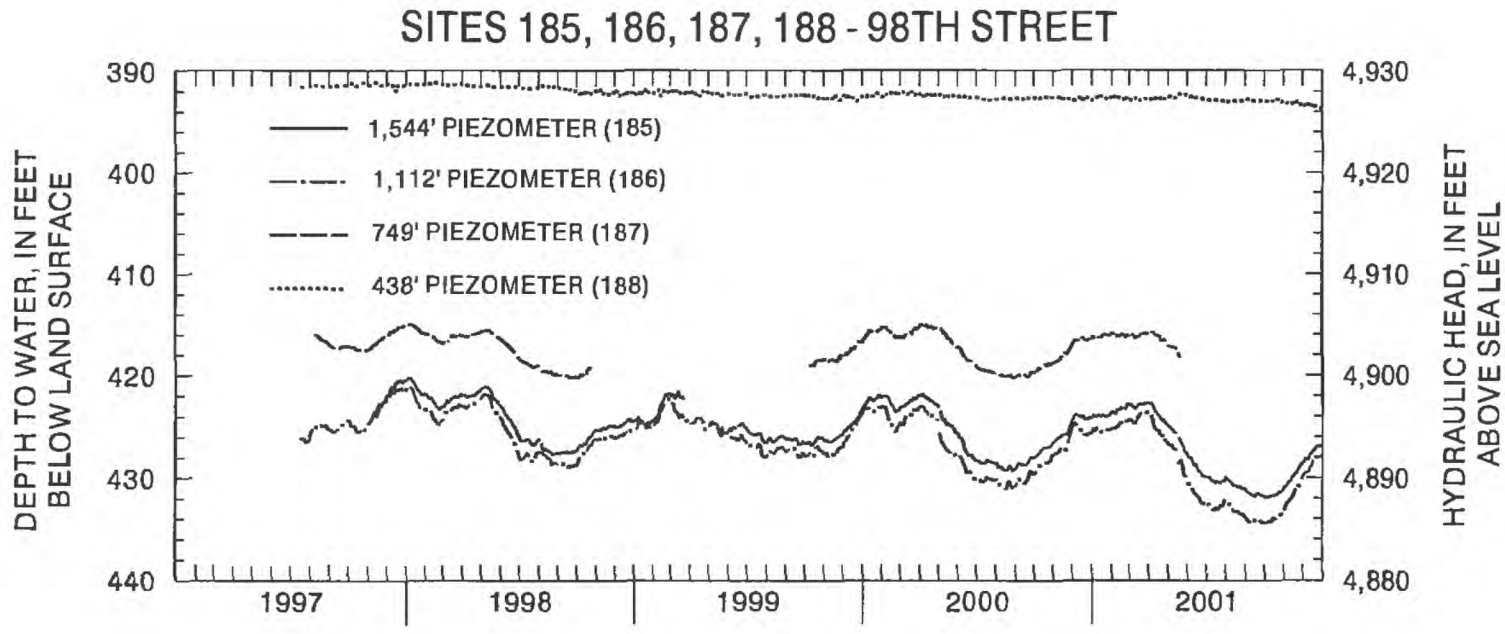


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





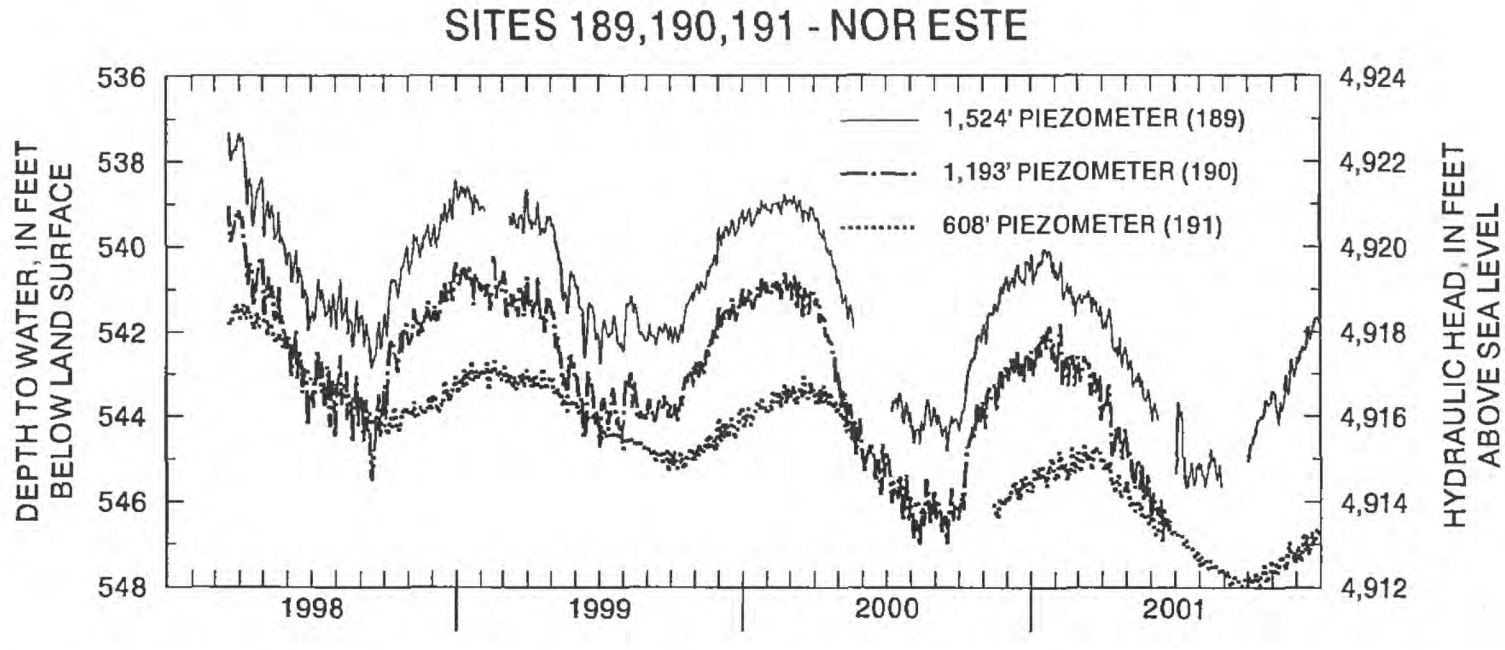
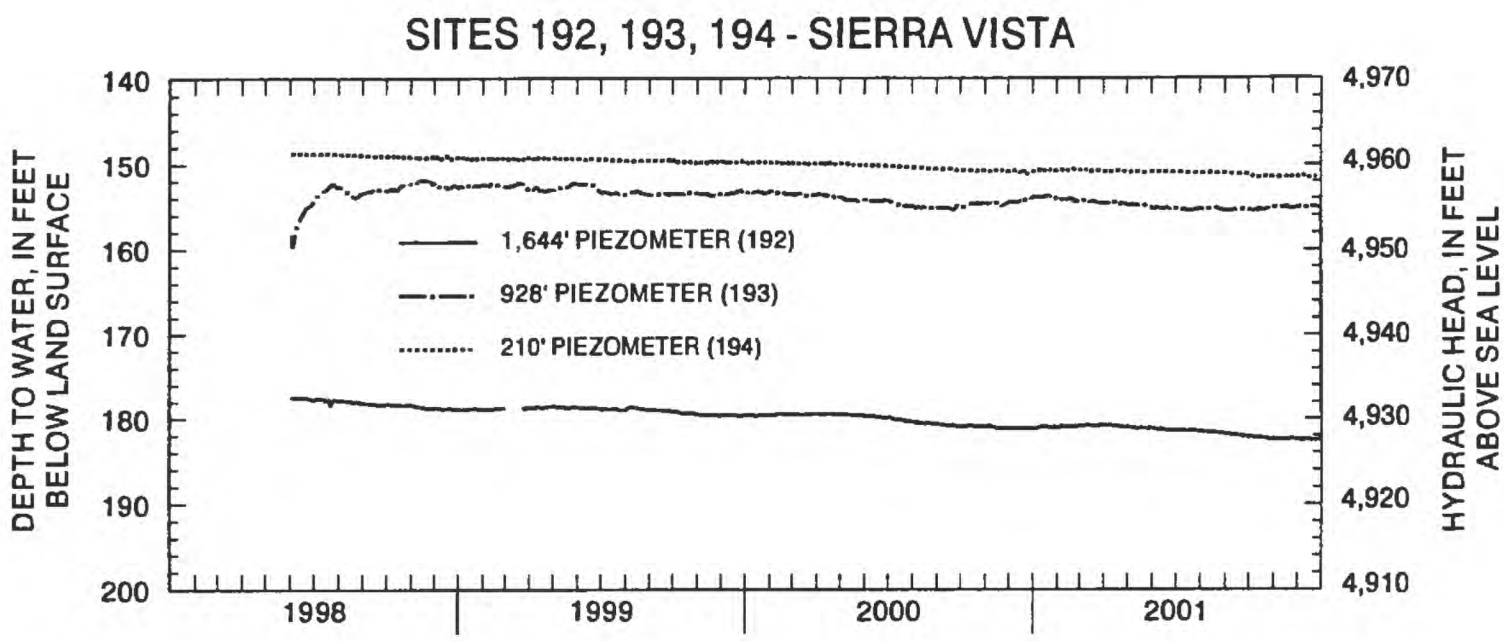
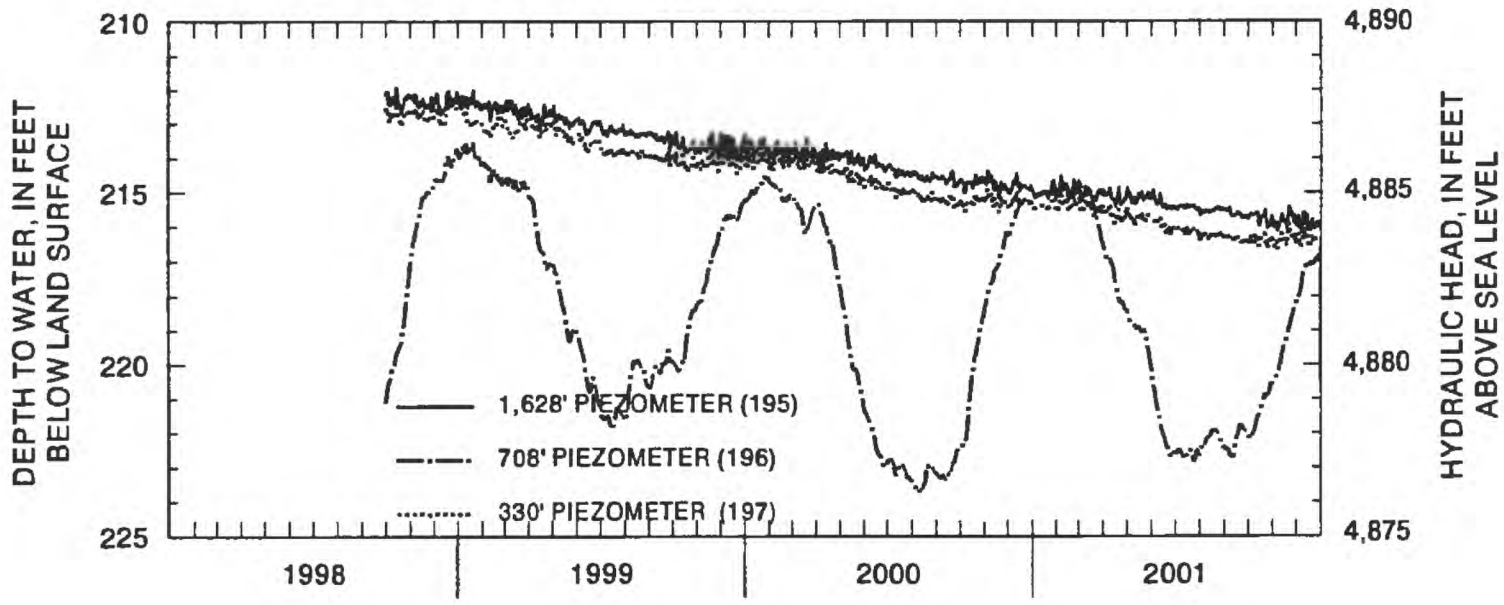


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





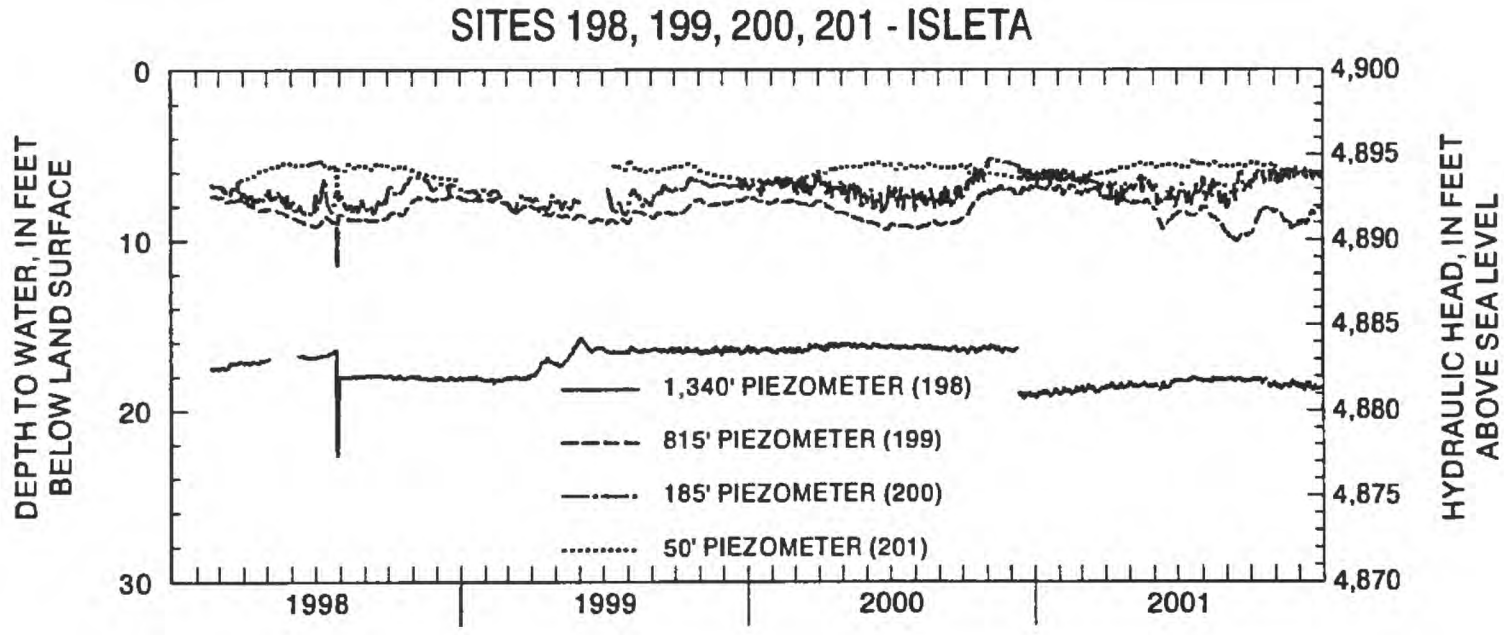
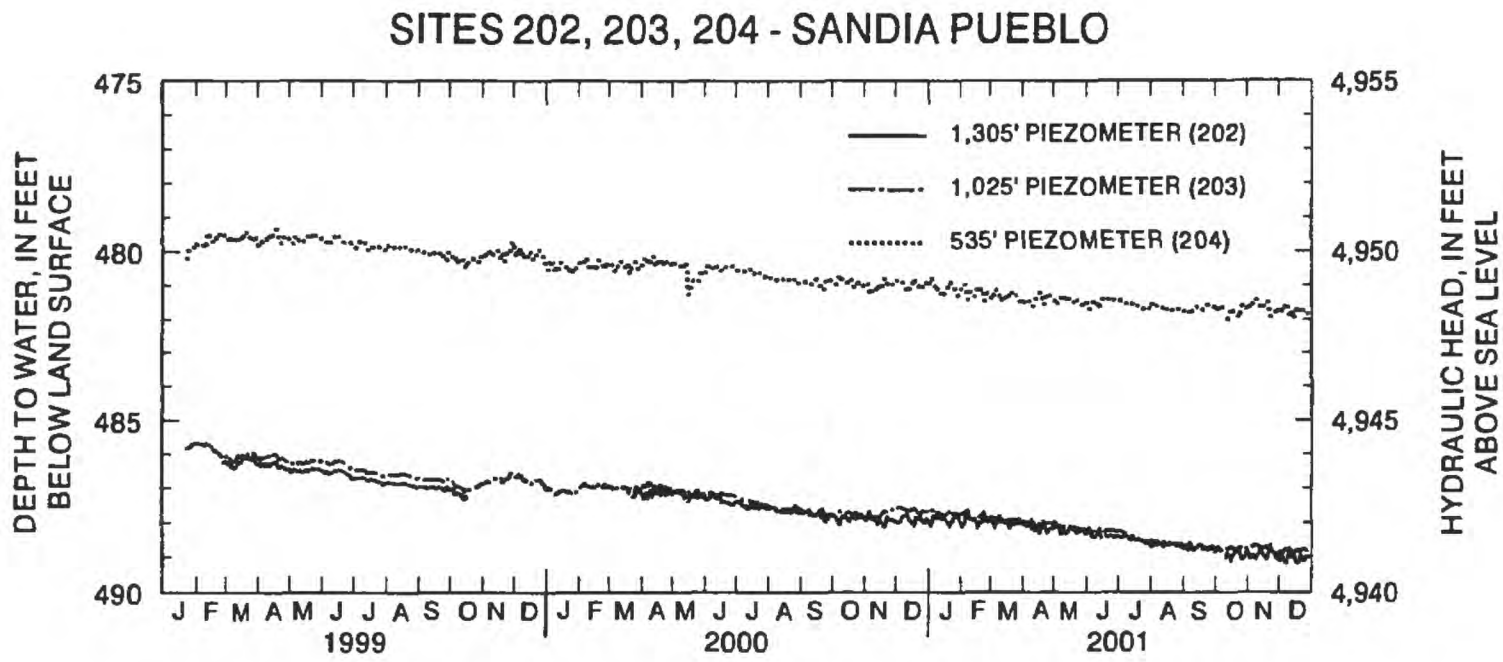
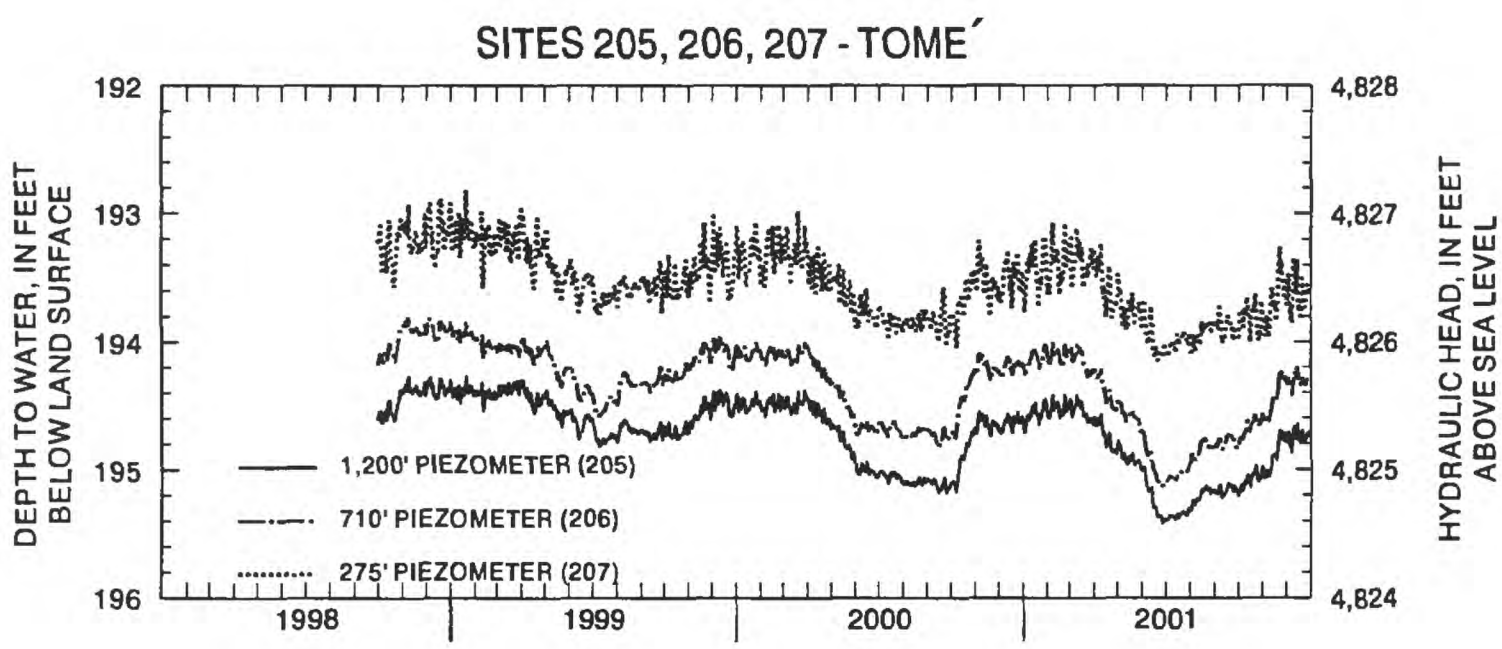


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





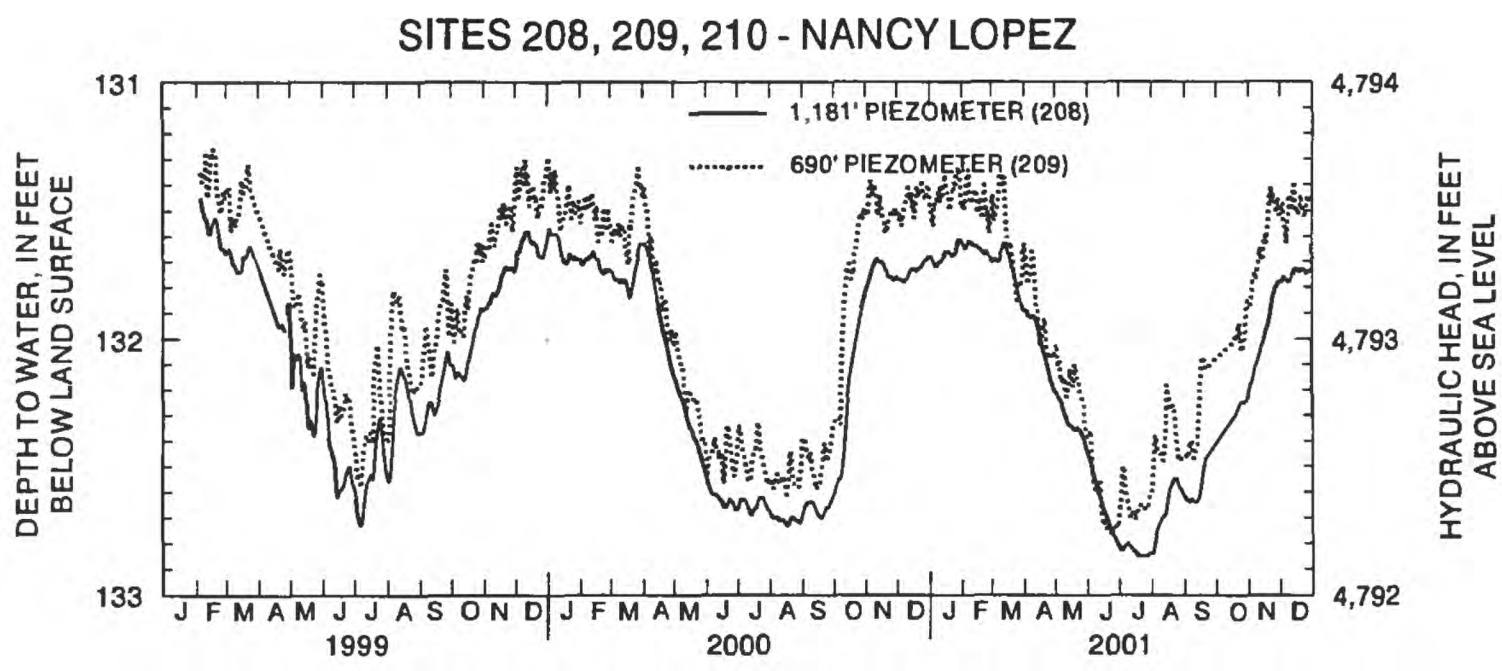
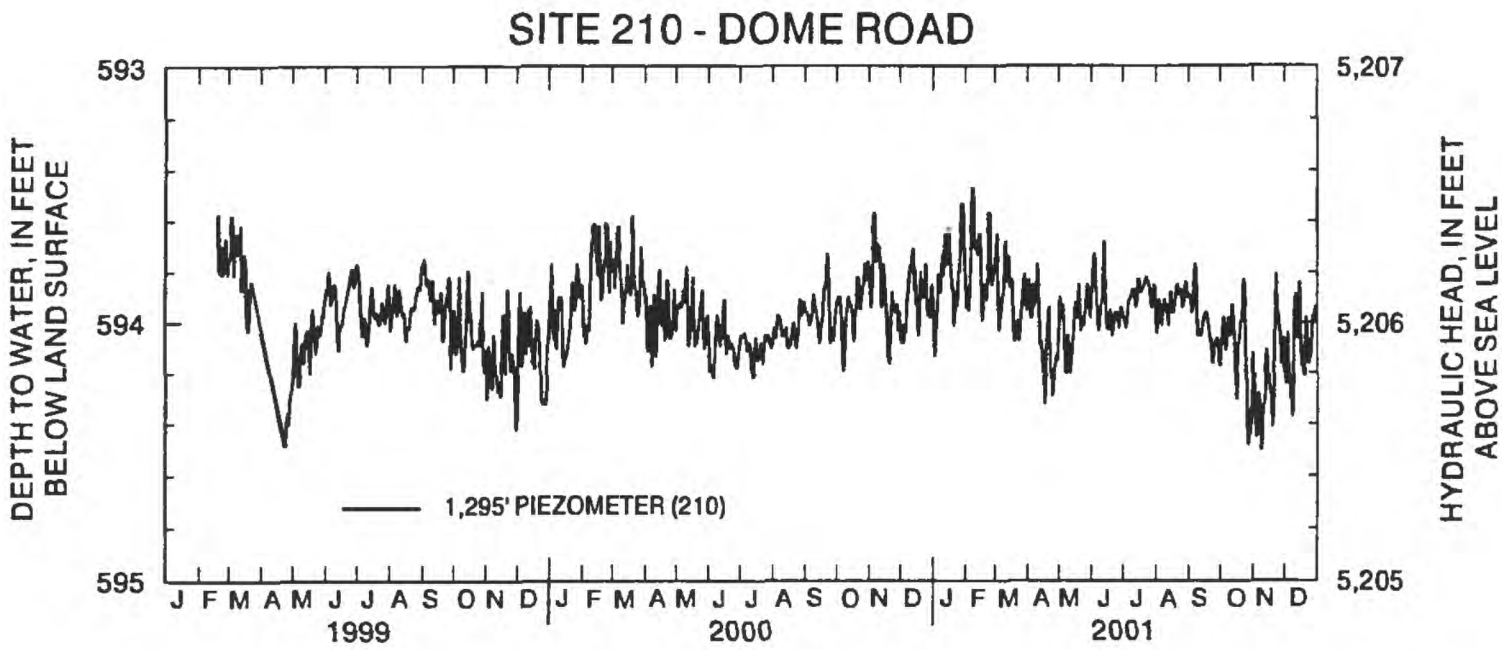
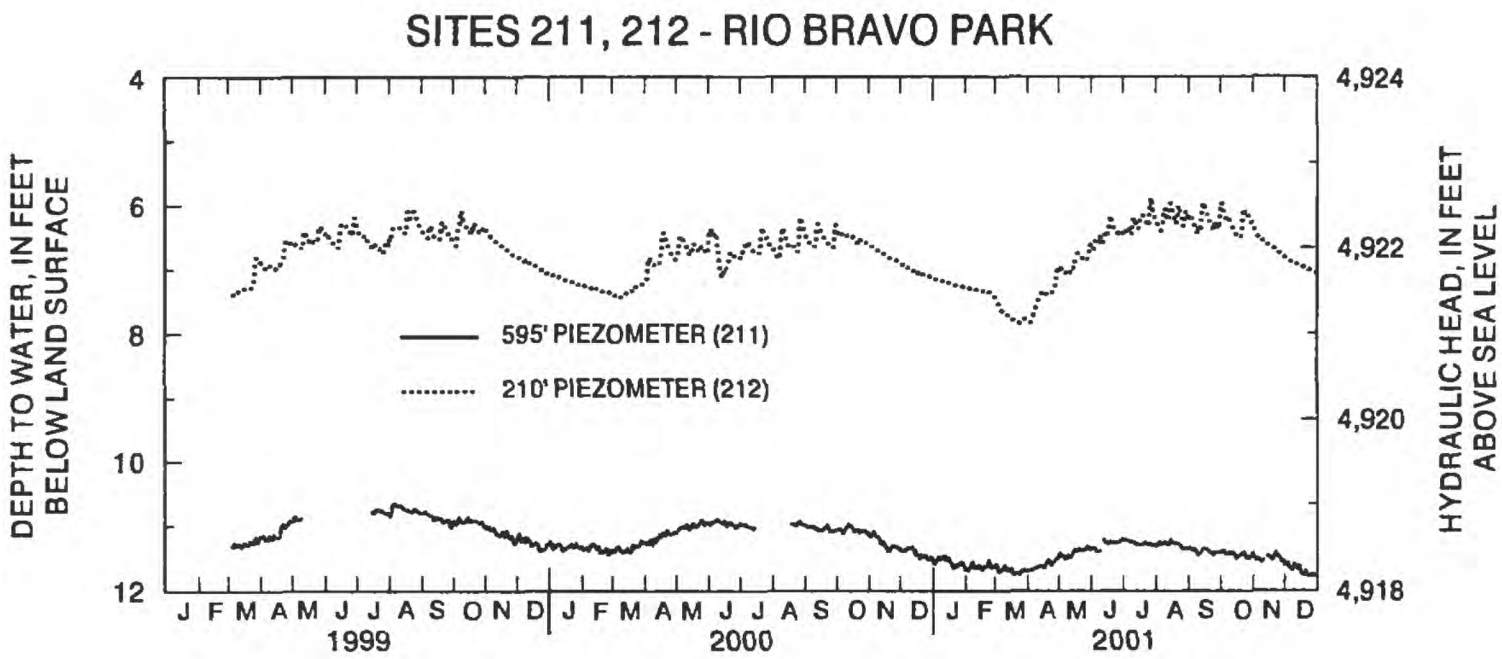


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





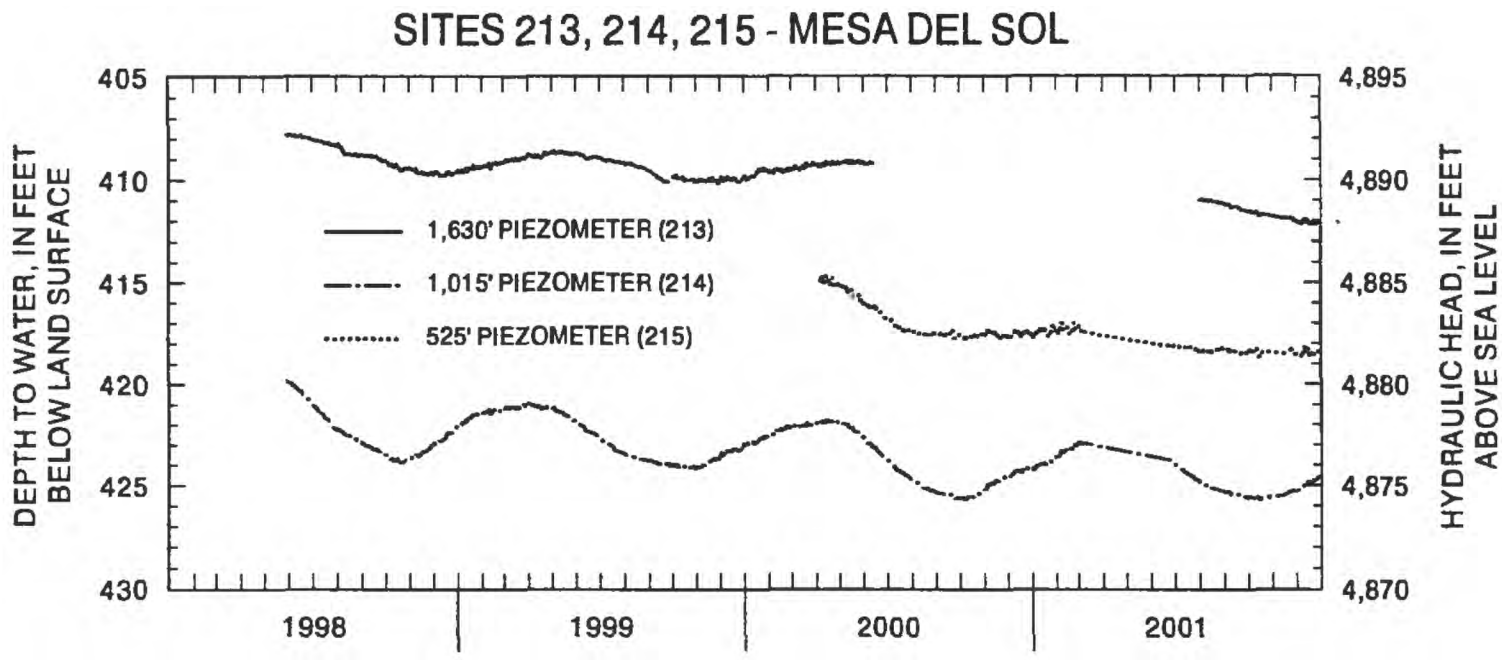
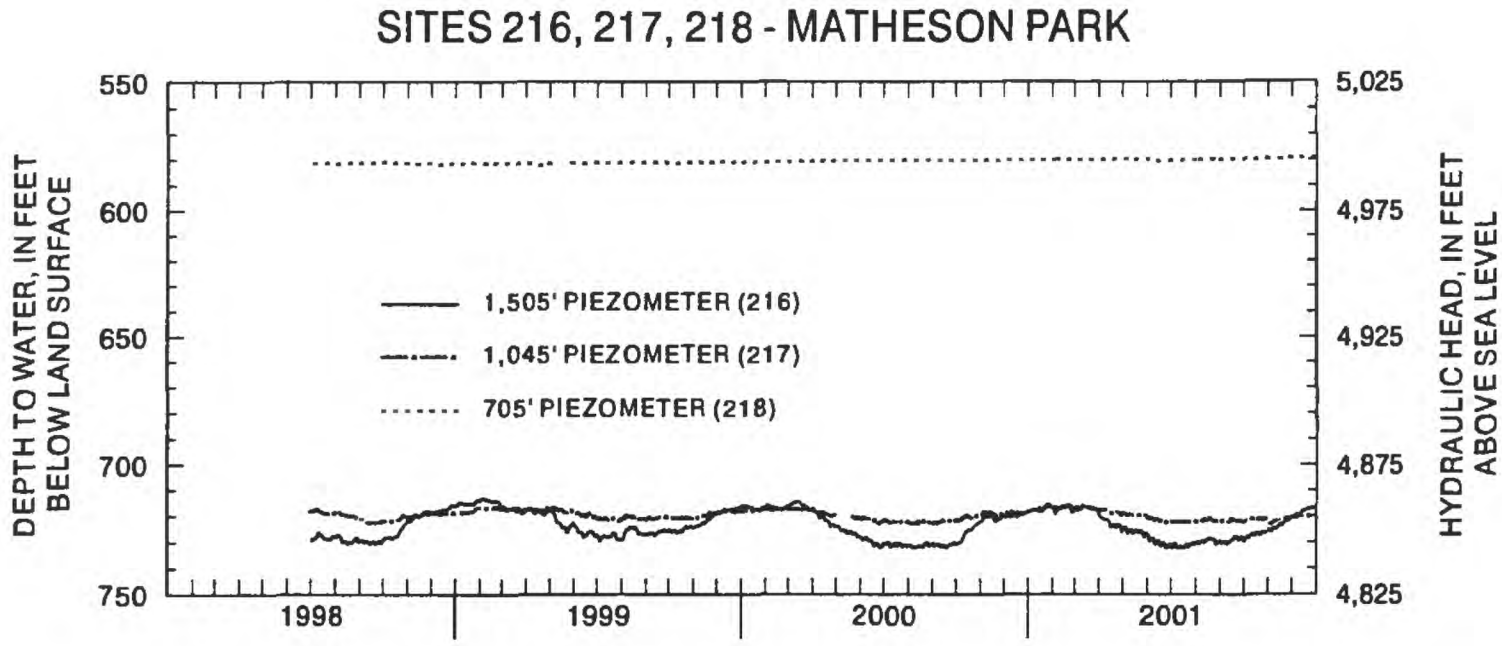
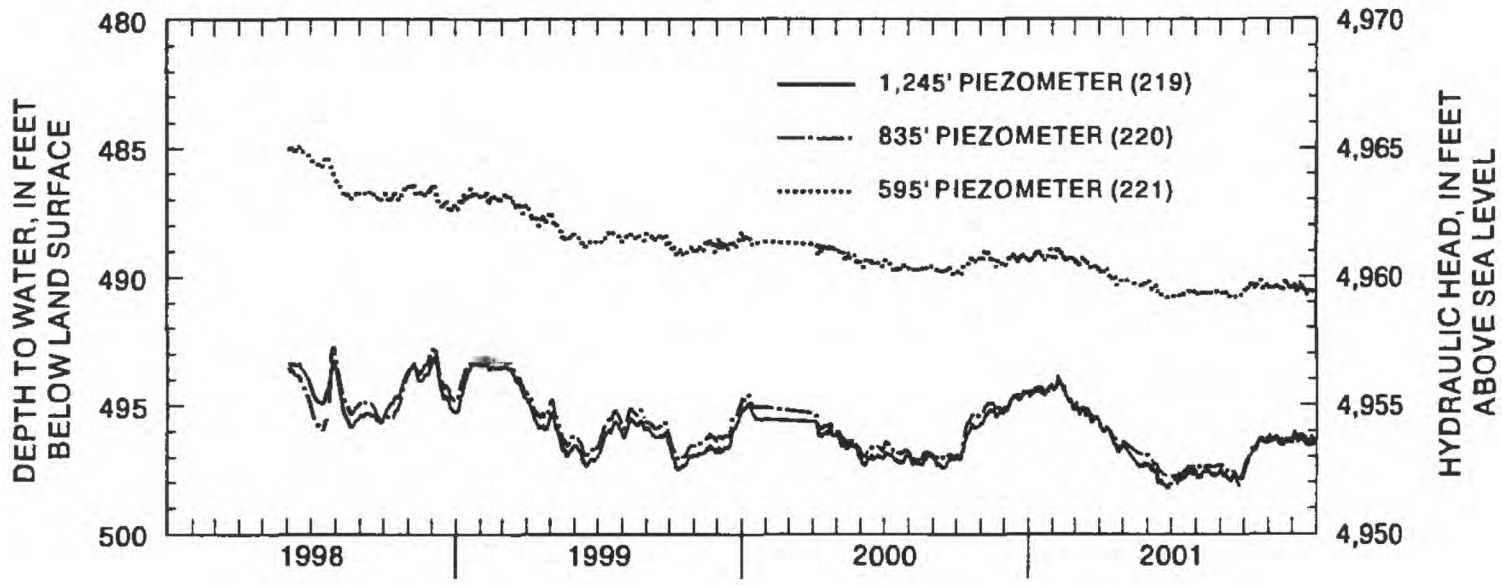


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





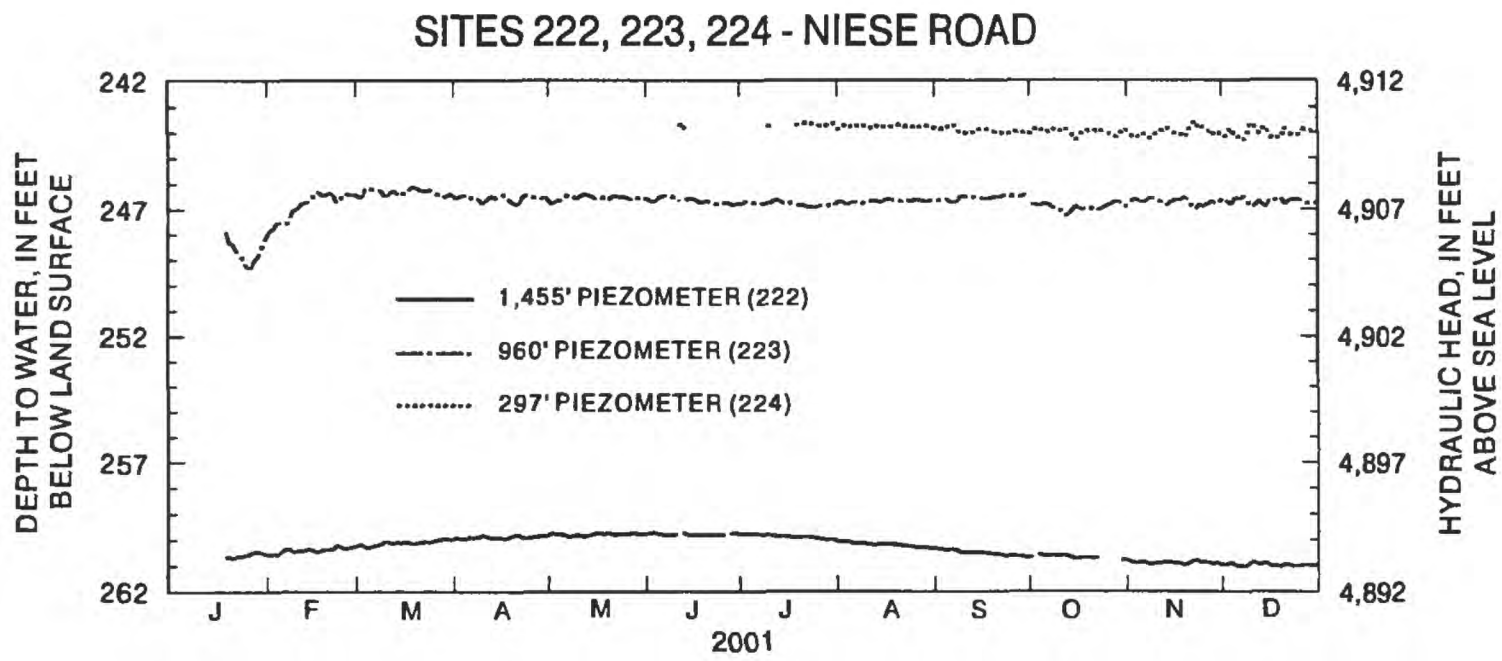
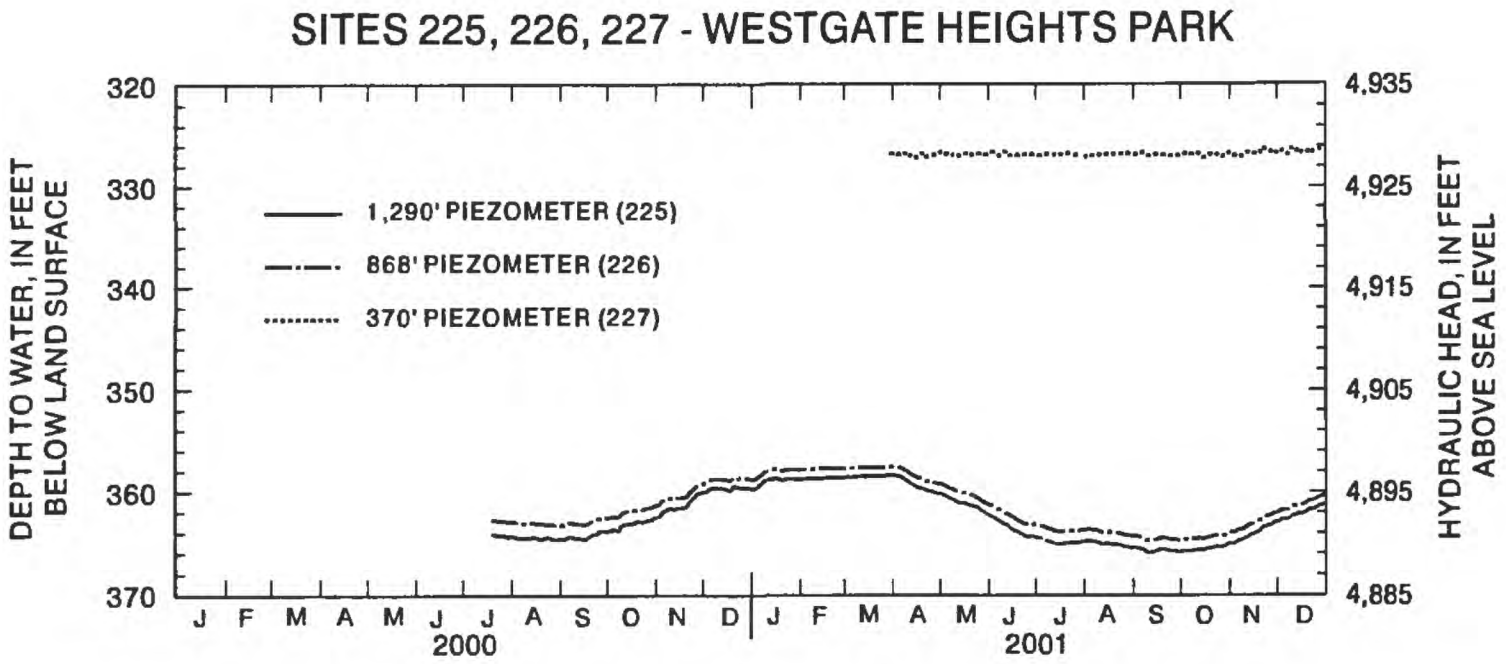
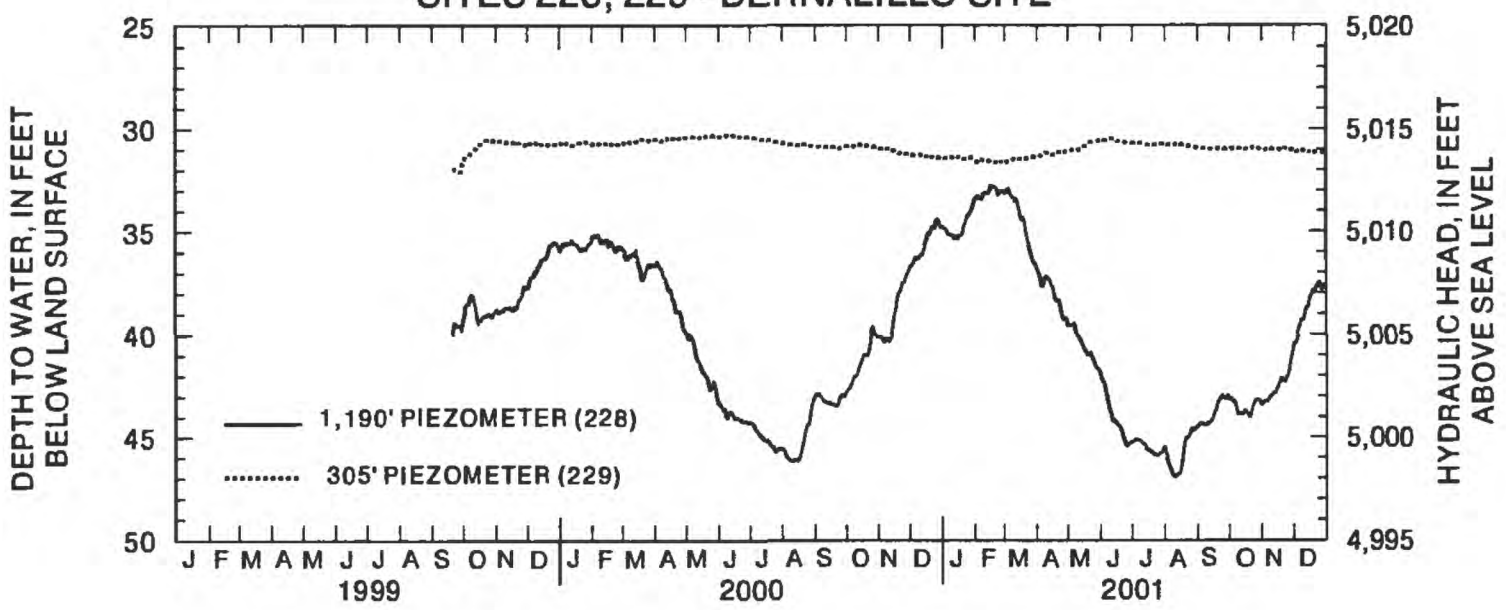


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Continued.





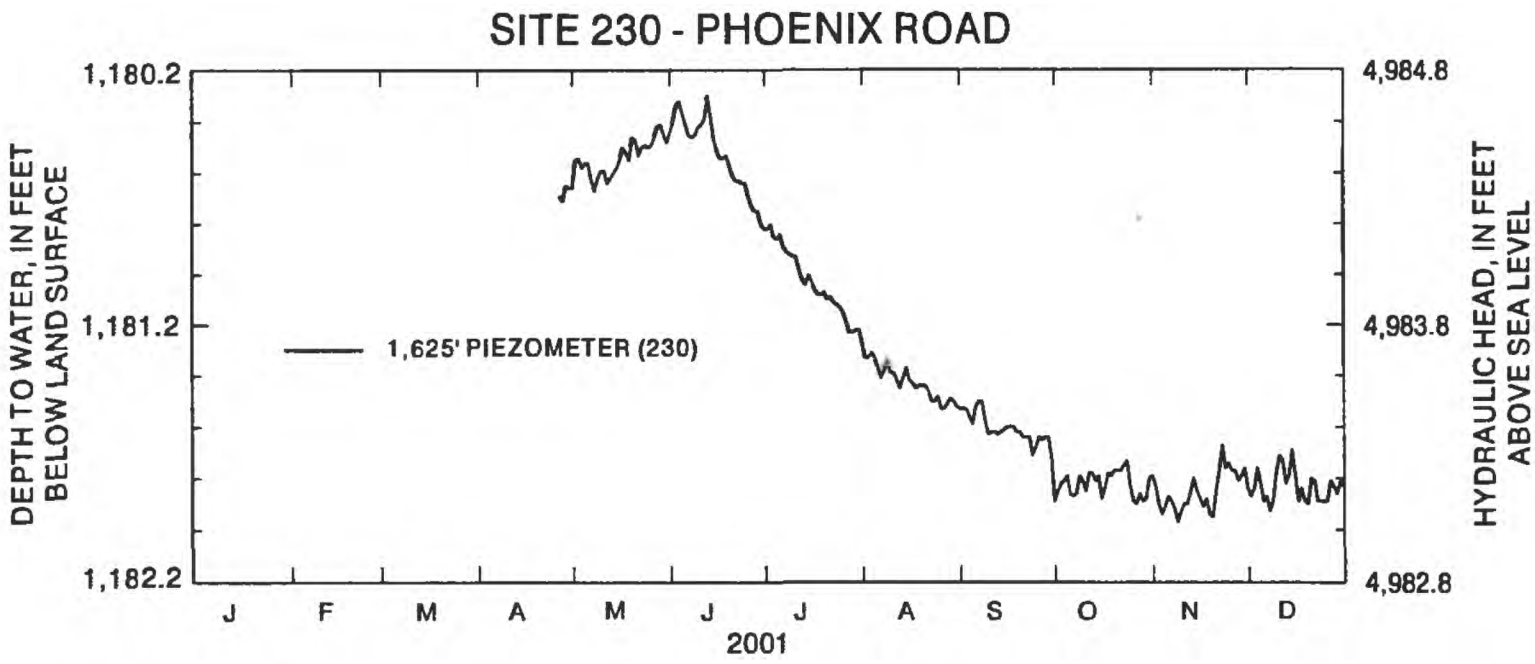


Figure 4. Water-level data for selected wells and piezometers in the Albuquerque Basin--Concluded.