Because the number of streams on which streamflow information is likely to be desired far exceeds the number of stream-gaging stations feasible to operate at one time, the Geological Survey collects limited streamflow data at sites other than stream-gaging stations. When limited streamflow data are collected on a systematic basis over a period of years for use in hydrologic analyses, the site at which the data are collected is called a partial-record station. Data collected at these partial-record stations are usable in flood-flow analyses. In addition, discharge measurements are made at other sites not included in the partial-record program. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Records collected at partial-record stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations. Discharge measurements made at miscellaneous sites for both low flow and high flow are given in the second table.

Crest-stage partial-record stations

The following table contains annual maximum discharge for crest-stage stations. A crest-stage gage is a device that will register the peak stage occurring between inspections of the gage. A stage-discharge relation for each gage is developed from discharge measurements made by indirect measurements of peak flow or by current meter. The date of the maximum discharge is not always certain but is usually determined by comparison with nearby continuous-record stations, weather records, or local inquiry. Only the maximum discharge for each year is given. Information on some lower floods may have been obtained, and discharge measurements made for purposes of establishing the stage-discharge relation, but these are not published herein. The year given in the period of record column represents the first year of a period extending through the current year unless otherwise noted. For some stations, publication of discharge is delayed pending definition of stage-discharge relationship. Published maximums are for water years.

Annual maximum discharge at crest-stage partial-record stations

Station name and number	Location and drainage area	Period of record	Water year 2003			Period of record		
			Date	Gage height (ft)	Maximum discharge (ft^3/s)	Date	Gage height (ft)	Maximum discharge (ft^3/s)
ARKANSAS RIVER BASIN								
Carrizozo Creek near Kenton, OK (07154400)	Lat 36°52'55", long 103°01'05", Union County, Hydrologic Unit 11040001, under bridge on New Mexico State Highway 406, 4 mi southwest of Kenton, OK. Drainage area is 111 mi^2.	1953-	05-15-03	4.14	1,100	07-06-58	12.22	15,600
Raton Creek at Raton (07201000)	Lat 36°55'38", long 104°26'22", Colfax County, Hydrologic Unit 11080001, 60 ft upstream from bridge on State Highway 72 at Raton. Drainage area is 14.4 mi^2.	1953-96[g] 1999-	- -03	<0.46	<38	06-17-65	14.80	3,990
Chicorica Creek tributary near Raton (07201200)	Lat 36°49'41", long 104°19'58", Colfax County, Hydrologic Unit 11080001, upstream from culvert on U.S. Highway 64-87, 7.7 mi southeast of Raton. Drainage area is 5.18 mi^2.	1971-96[g] 1997-	07-20-03	5.26	88	08-25-82	18.30	1,340
Clear Creek near Ute Park (07206400)	Lat 36°31'35", long 105°10'30", Colfax County, Hydrologic Unit 11080002, 0.25 mi upstream from mouth, and 4 mi southwest of Ute Park. Drainage area is 7.44 mi^2.	1962-67* 1968-96[g] 1999-	07-28-03	2.02	26	06-18-65	3.05	151
Dog Creek near Shoemaker (07220900)	Lat 35°49'32", long 104°53'28", Mora County, Hydrologic Unit 11080004, 0.5 mi upstream from Valmora-Shoemaker Road, and 1.8 mi northwest of Shoemaker. Drainage area is 18.4 mi^2.	1954-95[g] 1999-	09-03-03	7.98	440	07-08-82	14.90	7,180
Lagartija Creek tributary near Sanchez (07221600)	Lat 35°39'21", long 104°24'57", San Miguel County, Hydrologic Unit 11080003, at bridge on State Highway 419, 0.9 mi northeast of Sanchez. Drainage area is 1.19 mi^2.	1961-96[g] 1999-	- -03	---	[k]	05-11-94	5.83	1,500
Trementina Creek at Trementina (07222300)	Lat 35°29'28", long 104°24'59", San Miguel County, Hydrologic Unit 11080005, at bridge on State Highway 419, at Trementina. Drainage area is 63.9 mi^2.	1959-	08-08-03	2.23	410	09-11-65	12.00	14,100
Garita Creek tributary near Variadero (07222800)	Lat 35°20'10", long 104°21'50", San Miguel County, Hydrologic Unit 11080005, 1.2 mi upstream from mouth, and 6.3 mi southeast of Variadero. Drainage area is 12.0 mi^2.	1971-96[g] 1999-	09-10-03	6.38	46	08-29-77	17.37	7,020
Pajarito Creek at Newkirk (07225000)	Lat 35°04'20", long 104°14'50", Guadalupe County, downstream side of bridge on U.S. Highway 66, 1 mi east of Newkirk. Drainage area is 55.0 mi^2.	1954-95[g] 1999-	- -03	---	[k]	07-16-81	8.01	3,500
Bluewater Creek near Tucumcari (07225300)	Lat 35°08'31", long 103°47'32", Quay County, in Tucumcari Metropolitan Park, 1,600 ft north of the park's southern boundary, and 4.8 mi southwest of Tucumcari. Drainage area is 15.2 mi^2.	1971-96[g] 1999-	05-27-03	8.84	629	08-11-81	12.71	[c]2,350
Bueyeros Creek at Bueyeros (07226200)	Lat 35°58'10", long 103°41'05", Harding County, on right upstream wingwall of culvert on State Road 102 at Bueyeros. Drainage area is [a]34.0 mi^2.	1957-96[g] 1999-	05-27-03	3.56	230	08-11-81	3.65	1,150

Station name and number	Location and drainage area	Period of record	Water year 2003			Period of record		
			Date	Gage height (ft)	Maximum discharge (ft^3/s)	Date	Gage height (ft)	Maximum discharge (ft^3/s)
ARKANSAS RIVER BASIN--Continued								
Carrizo Creek near Roy (07226300)	Lat 36°02'58", long 103°57'48", Harding County, Hydrologic Unit 11080007, 800 ft downstream from State Highway 120, and 15 mi northeast of Roy. Drainage area is [a]68 mi^2.	1954-	06-18-03	6.36	1,280	08-11-81	[n]7.11	[n]1,800
Plaza Largo Creek tributary near Ragland (07227050)	Lat 34°48'29", long 103°45'35", Quay County, Hydrologic Unit 11080008, at culvert on State Highway 209, 1.2 mi northwest of Ragland. Drainage area is 0.36 mi^2.	1952-96[g] 1999-	05-27-03	4.26	364	07-16-58	12.70	1,170
Tramperos Creek near Stead (07227200)	Lat 36°04'15", long 103°12'10", in NW 1/2 NW 1/2 sec.10, T.21 N., R.35 E., Union County, Hydrologic Unit 11090102, at bridge on State Highway 402, 2.1 mi south of Stead, and 26 mi south of Clayton. Drainage area is [a]556 mi^2.	1966-73* 1974-	- -03	---	[k]	10-17-65	16.5	12,300
Sand Draw near Clayton (07227300)	Lat 36°20'30", long 103°11'30", Union County, Hydrologic Unit 11090103, on downstream side of bridge on State Highway 402, 7.5 mi south of Clayton. Drainage area is [a]42.0 mi^2.	1953-96[g] 1999-	- -03	---	[k]	06--53	8.85	10,300
BRAZOS RIVER BASIN								
Running Water Draw near Clovis (08080600)	Lat 34°31'55", long 103°12'05", Curry County, Hydrologic Unit 12050005, 0.25 mi upstream from State Highway 209, and 8 mi north of Clovis. Drainage area is 109 mi^2.	1953-56, 1957-64* 1965-	08-29-03	2.83	304	07-24-72	---	8,000
RIO GRANDE BASIN								
Canjilon Creek above Abiquiu Reservoir (08286650)	Lat 36°18'55", long 106°29'05", Rio Arriba County, Hydrologic Unit 13020102, in Piedra Lumbre Grant, 300 ft upstream from bridge on U.S. Highway 84, 0.2 mi northwest of entrance to Ghost Ranch, and about 12 mi northwest of Abiquiu. Drainage area is 144 mi^2.	1965-	- -03	<2.38	<180	07-07-98	[d]11.56	4,620
Arroyo Seco tributary near Pojoaque (08293700)	Lat 35°56'33", long 106°01'12", Santa Fe County, Hydrologic Unit 13020101, upstream from culvert on U.S. Highway 84-285, 3.5 mi north of Pojoaque. Drainage area is 0.72 mi^2.	1971-96[g] 1999-	- -03	<5.30	<4	07-28-74	10.62	508
Rito de los Frijoles in Bandelier Nation Monument (08313350)	Lat 35°46'35", long 106°16'06", Sandoval County, Hydrologic Unit 13020201, in Bandelier National Monument, on right bank 800 ft downstream from Monument Headquarters, 6.5 mi south of Los Alamos, and 18.5 mi northwest of Santa Fe. Drainage area is 17.5 mi^2.	1963-69 1977-	05-26-03	2.47	24	07-21-78	6.34	[q]3,030
Bland Canyon near Cochiti Pueblo (08313400)	Lat 35°42'11", long 106°24'56", Sandoval County, Hydrologic Unit 13020201, 200 ft south of Forest Service Road, 0.3 mi inside Santa Fe National Forest, and 7.5 mi north of Cochiti Pueblo. Drainage area is 7.57 mi^2.	1962-	09-11-03	2.61	75	[n]08- -77	[n]3.73	[n]300
Galisteo Creek at Canoncito (08317500)	Lat 35°33'02", long 105°49'20", Santa Fe County, Hydrologic Unit 13020201, upstream from railroad bridge, 0.2 mi upstream from Apache Canyon at Canoncito. Drainage area is 11.3 mi^2.	1955-56 1959-95[g] 1999-	08-27-03	3.83	272	08-23-66	5.35	2,000
San Cristobal Arroyo near Galisteo (08317600)	Lat 35°22'55", long 105°51'05", Santa Fe County, Hydrologic Unit 13020201, at bridge on U.S. Highway 285, 5.5 mi east of Galisteo. Drainage area is 116 mi^2.	1955-	07-20-03	7.11	2,530	08-09-99	17.75	13,200
San Pedro Creek near Golden (08318900)	Lat 35°13'45", long 106°18'00", Sandoval County, Hydrologic Unit 13020201, 1 mi downstream from bridge on State Highway 14, and 5.5 mi southwest of Golden. Drainage area is 45.2 mi^2.	1953-	09-11-03	0.50	400	09-24-55	[n]12.95	10,800

Station name and number	Location and drainage area	Period of record	Water year 2003			Period of record		
			Date	Gage height (ft)	Maximum discharge (ft^3/s)	Date	Gage height (ft)	Maximum discharge (ft^3/s)
RIO GRANDE BASIN--Continued								
Juan Toro Canyon near Miera (08330400)	Lat 35°00'57", long 106°20'14", Bernalillo County, Hydrologic Unit 13020203, 150 ft east of State Highway 337, 1 mi southeast of Cedro, and 4.5 mi northwest of Miera. Drainage area is 1.57 mi^2.	1959-96[g] 1999-	- -03	<0.93	<15	07-20-71	1.33	44
Tijeras Arroyo at Albuquerque (08330500)	Lat 35°03'40", long 106°28'40", Bernalillo County, Hydrologic Unit 13020203, 300 ft south of old U.S. Highway 66, and 0.4 mi southeast of city limits of Albuquerque. Drainage area is 75.3 mi^2.	1943-48* 1958-	- -03	<1.83	<110	06-24-67	6.85	6,500
Canada Montoso near Scholle (08331650)	Lat 34°23'11", long 106°28'37", Socorro County, Hydrologic Unit 13020203, 130 ft upstream from dip on abandoned highway, 500 ft upstream from bridge on U.S. Highway 60, and 3.6 mi southwest of Scholle. Drainage area is [a]35 mi^2.	1961-	07-26-03	1.30	76	[n]07-31-97	[n]7.47	[n]5,600
Rio Puerco at Cuba (08332525)	Lat 36°00'38", long 106°58'48", Sandoval County, Hydrologic Unit 13020204, on downstream side of bridge on State Road 197, 0.5 mi southwest of State Highway 44, and 1.0 mi southwest of Cuba.	1997-	09-10-03	6.61	310	06-06-97	11.04	2,730
Pine Canyon near Thoreau (08341370)	Lat 35°18'34", long 108°10'14", McKinley County, Hydrologic Unit 13020207, about 1 mi southwest of the north end of Bluewater Lake, and about 7 mi southeast of Thoreau. Drainage area is 6.09 mi^2.	1969-96[g] 1999-	10-13-02	1.69	9	08-27-93	3.56	195
La Jencia Creek near Magdalena (08353500)	Lat 34°09'45", long 107°12'35", Socorro County, Hydrologic Unit 13020209, 3.5 mi northeast of Magdalena. Drainage area is 195 mi^2.	1957- 1961-96[g] 1999-	09-10-03	1.48	410	07-08-98	11.36	4,950
Chupadera Wash tributary at Bingham (08358600)	Lat 33°51'39", long 106°22'06", Socorro County, Hydrologic Unit 13020210, 75 ft upstream from culvert on U.S. Highway 380, and 0.1 mi west of Bingham. Drainage area is 1.29 mi^2.	1961-96[g] 1999-	07-05-03	1.48	134	09-10-80	4.75	620
San Jose Arroyo near Monticello (08359300)	Lat 33°28'05", long 107°14'30", Sierra County, Hydrologic Unit 13020211, at head of box canyon just downstream from major tributary, 800 ft downstream from culvert on old U.S. Highway 85, and 13 mi northeast of Monticello. Drainage area is 26.9 mi^2.	1959-96[g] 1999-	- -03	<1.51	<910	06-10-88	6.09	5,070
Alamosa Creek near Monticello (08360000)	Lat 33°34'09", long 107°35'33", Socorro County, Hydrologic Unit 13020211, on left bank at Alamosa damsite and downstream from Old Fort Ojo Caliente, just downstream from Wildhorse Creek, 15 mi northwest of Monticello. Drainage area is 403 mi^2.	1931-42* 1956-58 1958-71* 1973-95[g] 1997-	07-10-03	4.18	586	08-13-64	14.04	10,800
Percha Creek near Hillsboro (08361700)	Lat 32°54'55", long 107°36'05", Sierra County, 150 ft south of State Highway 180, and 2 mi west of Hillsboro. Drainage area is 35.4 mi^2.	1957-78[g] 1980-	- -03	<1.31	<45	08-06-99	[d]14.0	19,900
Aleman Draw at Aleman (08363200)	Lat 33°00'00", long 107°00'20", Sierra County, Hydrologic Unit 13030103, on Santa Fe Railroad bridge, 140 ft upstream from dip on Engle-Rincon Road, and 0.26 mi west of Aleman. Drainage area is 25.5 mi^2.	1959-96[g] 1999-	- -03	1.50	87	08-07-67	19.10	16,400
Tecolote Creek at Tecolote (08379300)	Lat 35°27'20", long 105°16'55", San Miguel County, Hydrologic Unit 13060001, on bridge on old U.S. Highway 85 at Tecolote. Drainage area is 122 mi^2.	1954-	09-03-03	4.34	190	[n]06-01-37	---	[n,c]20.000

Station name and number	Location and drainage area	Period of record	Water year 2003			Period of record		
			Date	Gage height (ft)	Maximum discharge (ft^3/s)	Date	Gage height (ft)	Maximum discharge (ft^3/s)
RIO GRANDE BASIN--Continued								
Sandoval Canyon at Gallinas (08380300)	Lat 35°41'19", long 105°21'17", San Miguel County, Hydrologic Unit 13060001, about 500 ft upstream from culvert on State Highway 65, at north edge of Gallinas. Drainage area is 7.60 mi^2.	1957-96[g] 1999-	- -03	---	[k]	08-01-66	5.26	2,530
Pintada Arroyo near Santa Rosa (08383300)	Lat 34°53'20", long 104°43'50", Guadalupe County, at bridge on U.S. Highway 54, and 4.5 mi southwest of Santa Rosa. Drainage area is 896 mi^2.	1959-86[g] 1996-	- -03	---	[k]	06-26-96	12.97	5,000
Pecos River tributary near Puerto de Luna (08383370)	Lat 34°52'35", long 104°38'15", Guadalupe County, Hydrologic Unit 13060001, 25 ft upstream from culvert on State Highway 91, and 3.1 mi north of Puerto de Luna. Drainage area is 0.37 mi^2.	1961-96[g] 1999-	05-25-03	8.67	203	08-23-87	15.89	2,000
Alamosa Creek tributary near Jordan (08385530)	Lat 34°47'44", long 103°58'07", Quay County, Hydrologic Unit 13060004, 500 ft upstream from dip on State Highway 156, and 6.9 mi west of Jordan. Drainage area is 9.71 mi^2.	1962-96[g] 1999-	- -03	---	[k]	07-11-72	6.86	2,850
Yeso Creek near Fort Sumner (08385600)	Lat 34°16'32", long 104°17'28", DeBaca County, Hydrologic Unit 13060003, at abandoned bridge 1 mi downstream from State Highway 20, and 14.5 mi south of Fort Sumner. Drainage area is 242 mi^2.	1937-95[g] 1997-	05-25-03	2.18	584	04-30-99	14.24	22,900
Aragon Creek tributary near Encinoso (08385670)	Lat 33°43'35", long 105°31'43", Lincoln County, Hydrologic Unit 13060005, 0.3 mi upstream from wooden bridge on dirt road, 1.2 mi north of State Highway 246, and 4.3 mi west of Encinoso. Drainage area is 6.07 mi^2.	1961-96[g] 1999-	- -03	<3.25	<10	09-06-61	5.10	1,610
Rio Bonito near Fort Stanton (08389000)	Lat 33°31'05", long 105°29'10", Lincoln County, Hydrologic Unit 13060008, on left bank 130 ft upstream from culvert on U.S. Highway 380, 2.5 mi northeast of Fort Stanton. Drainage area is [a]85 mi^2.	1955-95, 1997-	- -03	<3.82	<245	05-17-79	7.20	4,100
Rio Hondo tributary at Tinnie (08390050)	Lat 33°22'36", long 105°13'01", Lincoln County, Hydrologic Unit 13060008, upstream from culvert on U.S. Highway 70-380, 0.5 mi east of junction of U.S. Highway 70-380 and State Highway 368, and at Tinnie. Drainage area is 0.23 mi^2.	1971-96[g] 1999-	- -03	3.07	126	09-07-72	10.80	420
Gallo Canyon near Picacho (08390150)	Lat 33°17'23", long 105°10'49", Lincoln County, Hydrologic Unit 13060009, 500 ft east of road, 5 mi south of Picacho. Drainage area is 1.32 mi^2.	1962-96[g] 1999-	- -03	---	[k]	09-13-96	10.38	3,600
Pancho Canyon near Arabela (08393700)	Lat 33°30'36", long 105°11'38", Lincoln County, Hydrologic Unit 13060008, 200 ft downstream from dip on State Highway 368, and 5.6 mi south of Arabela. Drainage area is 16.7 mi^2.	1962-96[g] 1999-	08-09-03	7.55	503	06-14-02	11.81	3,390
Eight Mile Draw near Roswell (08393900)	Lat 33°24'05", long 104°37'54", Chaves County, Hydrologic Unit 13060008, 6.5 mi west of Roswell. Drainage area is 397 mi^2.	1941 1952-	08-09-03	13.59	860	07-13-91	17.80	10,300
Twin Butte Canyon tributary near Roswell (08394300)	Lat 33°10'34", long 104°51'30", Chaves County, Hydrologic Unit 13060009, about 0.1 mi upstream from mouth, and about 22 mi southwest of Roswell. Drainage area is 5.01 mi^2.	1968-96[g] 1999-	08-09-03	3.33	188	09-08-95	9.60	5,900
Mosley Canyon near Whites City (08405100)	Lat 32°15'27", long 104°22'43", Eddy County, Hydrologic Unit 13060011, 600 ft downstream from dip on Dark Canyon Road, and 5.5 mi north of Whites City. Drainage area is 14.6 mi^2.	1959-	10-26-02	4.28	1,690	05-30-65	13.70	16,400

Station name and number	Location and drainage area	Period of record	Water year 2003			Period of record		
			Date	Gage height (ft)	Maximum discharge (ft^3/s)	Date	Gage height (ft)	Maximum discharge (ft^3/s)
			RIO GRANDE BASIN--Continued					
Antelope Draw near Jal (08436000)	Lat 32°09'18", long 103°21'51", Lea County, Hydrologic Unit 13070007, 0.4 mi south of State Highway 128, and 10.7 mi west of Jal. Drainage area is [a]20 mi^2.	1963-96[g] 1999-	- -03	---	[k]	07-30-94	4.85	530
			MIMBRES BASIN					
Pinos Altos Creek at Silver City (08477590)	Lat 32°46'52", long 108°16'04", Grant County, Hydrologic Unit 13030202, downstream from U.S. Highway 180, in Silver City. Drainage area is 4.63 mi^2.	1958-96[g] 1999-	- -03 - -02	<0.78 <0.78[h]	<50 <50[h]	09-13-99	5.55	6,500
Cameron Creek at Central (08478000)	Lat 32°47'38", long 108°08'58", Grant County, 0.5 mi upstream from culvert on U.S. Highway 260,at north edge of Central. Drainage area is 18.8 mi^2.	1954-95[g] 1999-	07-17-03	1.78	234	08-29-59	7.30	2,200
Mimbres River at Deming (08478500)	Lat 32°17'00", long 107°45'35", Luna County, Hydrologic Unit 13030202, at culvert on U.S. Highway 180, at north end of Deming. Drainage area is 1,370 mi^2.	1954-79, 1983-	- -03	---	[k]	[n]12-19-78	[n]5.91	[n]2,350
Seventy-Six Draw tributary near Waterloo (08478800)	Lat 31°56'34", long 107°44'38", Luna County, Hydrologic Unit 13030202, upstream from culvert on State Road 11, 3.9 mi southeast of Waterloo, and 7.9 mi north of Columbus. Drainage area is 0.2 mi^2.	1967-96[g] 1999-	- -03	---	[k]	06-27-00	8.20	290
			TULAROSA BASIN					
White Oaks Canyon near Carrizozo (08480150)	Lat 33°43'51", long 105°50'11", Lincoln County, Hydrologic Unit 13050003, 100 ft upstream from culvert on U.S. Highway 54, 6 mi north of Carrizozo. Drainage area is 31 mi^2.	1959 1961-	- -03	<2.47	<900	07-26-59	14.30	7,690
Nogal Creek tributary near Nogal (08480170)	Lat 33°34'54", long 105°41'10", Lincoln County, Hydrologic Unit 13050003, upstream from culvert on U.S. Highway 380, about 2.0 mi west of Indian Divide, 7 mi northwest of Capitan, and 2 mi north of Nogal. Drainage area is 1.94 mi^2.	1968-96[g] 1999-	07-05-03 09-13-02	2.79 3.24	5 32[h]	08-10-77	8.45	655
Taylor Canyon tributary near Bingham (08480200)	Lat 33°48'11", long 106°12'00", Socorro County, Hydrologic Unit 13050003, 200 ft north of U.S. Highway 380, and 12 mi southeast of Bingham. Drainage area is 2.66 mi^2.	1961-96[g] 1999-	07-05-03	2.87	215	08-12-61	2.39	551
Indian Creek near Three Rivers (08480700)	Lat 33°22'10", long 105°53'25", Otero County, Hydrologic Unit 13050003, 150 ft upstream from diversion dam, and 12 mi east of Three Rivers. Drainage area is 6.8 mi^2.	1956-58* 1959-96[g] 1999-	08-10-03	5.54	195	07-14-91	12.08	3,000
Three Rivers at Three Rivers (08481000)	Lat 33°18'12", long 106°04'20", Otero County, Hydrologic Unit 13050003, on downstream side of bridge on State Highway 54, 1.3 mi south of Three Rivers. Drainage area is 96.0 mi^2.	1956-77[g] 2000-	07-05-03	6.36	1,430	08-15-67	[p]7.50	15,000
			ESTANCIA BASIN					
Juan Tomas Canyon near Edgewood (08488100)	Lat 35°04'35", long 106°13'46", Santa Fe County, Hydrologic Unit 13050001, 140 ft upstream from culvert on Interstate Highway 40, 2.5 mi northwest of Edgewood. Drainage area is [a]20 mi^2.	1962-96[g] 1999-	05-20-03	2.12	86	08-01-89	2.48	150
Canon de Torreon at Torreon (08488500)	Lat 34°43'20", long 106°17'50", Torrance County, Hydrologic Unit 13050001, at culvert on State Highway 55, in Torreon. Drainage area is 18.2 mi^2.	1954-96[g] 1999-	08-27-03	3.25	2,010	08-09-67	4.23	4,310
Big Draw near Mountainair (08489000)	Lat 34°18'45", long 106°11'35", Torrance County, Hydrologic Unit 13050001, 0.25 mi upstream from culvert on State Highway 55, and 8.4 mi southeast of Mountainair. Drainage area is 3.90 mi^2.	1953-96[g] 1999-	08-27-03	4.87	261	09-25-54	8.68	1,710

Station name and number	Location and drainage area	Period of record	Water year 2003			Period of record		
			Date	Gage height (ft)	Maximum discharge (ft^3/s)	Date	Gage height (ft)	Maximum discharge (ft^3/s)
		SALT BASIN						
Fleming Draw near Pinon (08492500)	Lat 32°31'01", long 105°20'42", Otero County, Hydrologic Unit 13050004, 0.2 mi upstream from dip in ranch road, and 7.5 mi south of Pinon. Drainage area is 16.6 mi^2.	1959-96[g] 1999-	05-25-03	6.23	2,210	- -69	8.75	5,800
		SAN AGUSTIN PLAINS BASIN						
Swingle Canyon near Datil (08500000)	Lat 34°11'17", long 107°53'55", Catron County, Hydrologic Unit 13020208, 0.3 mi upstream from U.S. Highway 60, and 4.3 mi northwest of Datil. Drainage area is 6.35 mi^2.	1970-72 1976-96[g] 1999-	- -03	<3.66	<1	07-16-66	5.73	900
		SAN JUAN RIVER BASIN						
Ruben Canyon near Gobernador (09350700)	Lat 36°44'26", long 107°14'33", Rio Arriba County, Hydrologic Unit 14080101, in Carson National Forest, upstream from culvert on U.S. Highway 64, and 6.5 mi east of Gobernador. Drainage area is 5.06 mi^2.	1970-96[g] 1999-	- -03	---	[k]	08-17-88	5.89	380
Vaqueros Canyon near Gobernador (09350800)	Lat 36°43'23", long 107°16'47", Rio Arriba County, Hydrologic Unit 14080101, 100 ft east of U.S. Highway 64, and 4.2 mi east of Gobernador. Drainage area is 60.5 mi^2.	1956-95[g] 1999-	09-09-03	2.87	142	08-02-65	10.37	2,520
Gobernador Canyon near Gobernador (09355700)	Lat 36°41'05", long 107°25'10", Rio Arriba County, Hydrologic Unit 14080101, 0.2 mi south of U.S. Highway 64, and 4 mi southwest of Gobernador. Drainage area is 19.8 mi^2.	1956-96[g] 1999-	09-10-03	2.00	230	08-06-63	9.30	3,450
Burro Canyon near Lindrith (09356520)	Lat 36°16'21", long 107°14'46", Rio Arriba County, Hydrologic Unit 14080103, upstream from culvert on State Highway 537, 11.5 mi west of Lindrith. Drainage area is 9.11 mi^2.	1970-96[g] 1999-	08-23-03	17.10	444	06-29-81	10.87	725
Chaco Wash at Chaco Culture National Monument (09367680)	Lat 36°01'43", long 107°55'04", San Juan County, Hydrologic Unit 14080106, on downstream side of center bridge pier, 800 ft downstream from Fajada Wash, and 0.5 mi southwest of Chaco Culture National Historical Park Visitors Center. Drainage area is 578 mi^2.	1976-90* 1991-	08-23-03	11.00	4,970	09-02-88	8.55	1,920
Black Springs Wash near Mexican Springs (09367900)	Lat 35°45'40", long 108°49'00", McKinley County, Hydrologic Unit 14080106, 2.5 mi south of Mexican Springs, and 17 mi north of Gallup. Drainage area is 7.05 mi^2.	1954-78, 1979-82* 1983-96[g] 1999-	08-16-03	3.78	1,060	01-21-99	--	2,250
Malpais Arroyo near Shiprock (09368020)	Lat 36°55'33", long 108°43'26", San Juan County, Hydrologic Unit 14080105, upstream from culvert on U.S. Highway 666, 8.3 mi north of Shiprock.	1980-96[g] 1999-	09-10-03	3.44	522	09-13-93	2.44	295
		LITTLE COLORADO RIVER BASIN						
Largo Creek near Quemado (09386100)	Lat 34°19'25", long 108°31'40", Catron County, Hydrologic Unit 15020003, on downstream side of bridge on ranch road, 2.5 mi southwest of Quemado. Drainage area is 151 mi^2.	1954-95[g] 1999-	- -03	---	[k]	08-06-54	4.70	1,320
Galestena Canyon tributary near Black Rock (09387050)	Lat 34°58'45", long 108°40'00", McKinley County, Hydrologic Unit 15020004, 100 ft downstream from bridge on State Highway 36, and 10.5 mi southeast of Black Rock. Drainage area is [a]19 mi^2.	1957-95[g] 1999-	- -03	---	[k]	09-05-70	6.40	660
Milk Ranch Canyon near Fort Wingate (09395400)	Lat 35°25'55", long 108°33'30", McKinley County, Hydrologic Unit 15020006, 0.5 mi downstream from culvert on secondary road between Fort Wingate and McGaffey, and 3 mi south of Fort Wingate. Drainage area is 14.0 mi^2.	1949-95[g] 1999-	- -03	<0.06	<37	- -49	4.20	1,360

Station name and number	Location and drainage area	Period of record	Water year 2003			Period of record		
			Date	Gage height (ft)	Maximum discharge (ft^3/s)	Date	Gage height (ft)	Maximum discharge (ft^3/s)
		GILA RIVER BASIN						
Duck Creek at Cliff (09430900)	Lat 32°58'03", long 108°36'36", Grant County, Hydrologic Unit 15040002, at Cliff 100 ft downstream from bridge on State Highway 211, and 0.6 mi upstream from mouth. Drainage area is [a]228 mi^2.	1957-	07-31-03	4.39	985	01-18-93	11.76	7,400
Mangas Creek near Cliff (09431130)	Lat 32°51'39", long 108°34'01", Grant County, Hydrologic Unit 1504002, on right bank, about 0.5 mi upstream from U.S. Forest Service Road 806, in close proximity to Bill Evans Lake, 7 mi south of Cliff.	1986-	07-28-03	4.87	628	09-22-97	9.49	3,720
Animas Creek near Cloverdale (09438200)	Lat 31°34'15", long 108°52'30", Hidalgo County, near head of small box canyon 0.1 mi west of State Highway 338, and 11 mi north of Cloverdale. Drainage area is 157 mi^2.	1959-	08-01-03	3.63	210	10-13-74	7.78	3,400
Mail Hollow near Luna (09442630)	Lat 33°47'38", long 108°56'59", Catron County, Hydrologic Unit 15040004, 1,000 ft upstream from culvert on U.S. Highway 180, 2.3 mi south of Luna. Drainage area is 4.20 mi^2.	1970-96[g] 1999-	08-16-03	4.68	420	08-16-03	4.68	420
Trout Creek at Luna (09442660)	Lat 33°50'50", long 108°59'38", Catron County, Hydrologic Unit 15040004, 500 ft downstream from bridge on Luna-Red Hill Road, and 2.6 mi north of Luna. Drainage area is 31.9 mi^2.	1954-95[g] 1999-	- -03	<0.88	<21	10-02-83	4.93	2,790
Tularosa River near Reserve (09442740)	Lat 33°44'00", long 108°42'10", Catron County, 150 ft west of Eagle Peak Lookout Road, and 3.3 mi northeast of Reserve. Drainage area is 426 mi^2.	1956-86[g] 1997-	- -03	<1.67	<52	10-02-83	9.80	3,020
Steins Creek at Steins (09455800)	Lat 32°13'47", long 109°00'01", Hidalgo County, Hydrologic Unit 15040006, at culvert on Interstate Highway 10, and 0.9 mi west of Steins. Drainage area is 1.26 mi^2.	1959-96[g] 1999-	10-07-02	3.12	166	09-03-65	4.80	317

< Less than.
+ Discharge not yet determined.
* Operated as continuous-record gaging station.
a Approximately.
b Peak too low to register on gage.
c Estimated.
d From floodmark.
e Gage height not determined.
f Contributing area.
g Discontinued at end of year.
h Revised.
j May not have been peak for year.
k No evidence of any flow during water year.
m No record.
n Correction.
o Record not completed for water year.
p Different gage datum.
q Record affected by fire.

Measurements at miscellaneous sites

Measurements of streamflow at points other than gaging stations are given in the following table.

Discharge measurements made at miscellaneous sites during water year 2003

Stream	Tributary to	Location	Drainage area (mi^2)	Measured previously (water years)	Measurements	
					Date	Discharge (ft^3/s)
Conchas Canal (07154400)	Canadian River	Lat 32°22'55", long 104°10'58", in San Miguel County, Hydrologic Unit 11080006, in Pablo Montoya Grant, in Conchas Canal Operations building downstream from Conchas Dam, and 21.5 mi north of NewKirk.	---	1997-2002		Dry
Lea Lake Drain (08394026) (formerly 08394018)	Pecos River	Lat 33°18'56", long 104°19'56", in SW 1/4 SE 1/4 SW 1/4 sec.34, T.11 S., R.26 E., Chaves County, Hydrologic Unit 13060007, on downstream side of road crossing at Bottomless Lakes State Park near Roswell.	---	1976-2002	11-06-02 01-13-03 04-23-03 07-02-03	15.4 18.8 12.8 8.88
Castle Springs (08405490)	Black River	Lat 32°11'59", long 104°15'13", in SW 1/4 SW 1/4 SW 1/4 sec.24, T.24 S., R.26 E., Eddy County, Hydrologic Unit 13060011, upstream from mouth at Black River Village, 7.2 mi east of Whites City.	---	1975-2002	10-16-02 01-14-03 04-21-03 07-12-03	0.61 1.73 2.10 1.15
Mangas Creek (09431100)	Gila River	Lat 32°50'48", long 108°30'57", in NW 1/4 NE 1/4 sec.8, T.17 S., R.16 W., Grant County, Hydrologic Unit 15040002, 0.4 mi northwest of Mangas Springs.	177	1970-2002	12-10-02 03-10-03 09-11-03	3.25 3.40 2.74

Rio Grande Seepage Investigation

REACH.--The Rio Grande seepage investigation was conducted along the 9.1-mile reach between two gaging stations (08313000) Rio Grande at Otowi Bridge near San Ildefonso, New Mexico, and (08313268) Rio Grande near White Rock, New Mexico. River miles are referenced from the Rio Grande at El Paso, Texas, which is designated as river mile 0.0.

PREVIOUS INVESTIGATIONS.--None.

DATE.--November 21, 2002.

WEATHER.--Weather was favorable with no precipitation during the seepage investigation. The mean daily temperature at Los Alamos, New Mexico, was 7 degrees Celsius on November 21, 2002, with a low of 1 degree Celsius and a high of 13 degrees Celsius.

STREAMFLOW.--The seepage investigation was conducted during the non-irrigation season. Discharge measurements indicate a net seepage loss of 12.0 ft^3/s from river mile 1614.2 to river mile 1605.1, with total wastewater inflow of 0.33 ft^3/s. Channel gain or loss includes seepage to or from the unlined river channel, evaporation from the water surface, and transpiration by vegetation along the channel banks.

REMARKS.--The seepage investigation is rated good on the basis of steady streamflow conditions and steady reach inflow. Individual discharge measurements were rated good (within 5 percent) at both measurement sections. The accuracy of discharge measurements needs to be considered when evaluating indicated gains and losses.

[ft^3/s, cubic feet per second; NM, New Mexico; --, no data or not applicable]

River mile	Stream	Location	Date	Time	Water temperature (^oC)	Discharge, in ft^3/s		
						Main stream	Inflow	Gain or loss
1614.2	Rio Grande	At Otowi Bridge, NM Lat 35°52'29", long 106°12'20"	11-21-02	0938	--	333		
1614.2	Rio Grande	At Otowi Bridge, NM Lat 35°46'51", long 106°12'20"	11-21-02	1031	4.0	332		
1614.2	Rio Grande	At Otowi Bridge, NM Lat 35°46'51", long 106°12'20"	11-21-02	1117	4.0	332		
1614.2	Rio Grande	At Otowi Bridge, NM Lat 35°46'51", long 106°12'20"	11-21-02	1206	--	337		
1614.2	Rio Grande	At Otowi Bridge, NM Lat 35°46'51", long 106°12'20"	11-21-02	1251	--	337		
1614.2	Rio Grande	At Otowi Bridge, NM Lat 35°46'51", long 106°12'20"	11-21-02	1331	6.5	334		
	White Rock Wastewater Inflow	Near White Rock, NM	11-21-02	--	--	--	0.33	
1605.1	Rio Grande	Near White Rock, NM Lat 35°46'51", long 106°12'20"	11-21-02	1035	--	327		
1605.1	Rio Grande	Near White Rock, NM Lat 35°46'51", long 106°12'20"	11-21-02	1145	--	331		
1605.1	Rio Grande	Near White Rock, NM Lat 35°46'51", long 106°12'20"	11-21-02	1252	5.8	319		
1605.1	Rio Grande	Near White Rock, NM Lat 35°46'51", long 106°12'20"	11-21-02	1350	6.7	316		
1605.1	Rio Grande	Near White Rock, NM Lat 35°46'51", long 106°12'20"	11-21-02	1448	7.1	322		
1605.1	Rio Grande	Near White Rock, NM Lat 35°46'51", long 106°12'20"	11-21-02	1550	--	318		

West Drain Seepage Investigation

REACH.--The West Drain seepage investigation was conducted along the 23.7-mile reach from the head of the drain near San Miguel, New Mexico, to the junction at Nemexas Drain near Santa Teresa, New Mexico. Drain miles are referenced upstream from the junction of the drain, which is designated as drain mile 0.0.

PREVIOUS INVESTIGATIONS.--None.

DATE.--February 24-26 and August 25-27, 2003.

WEATHER.--Brief scattered rain showers occurred during the seepage investigation on February 26 with 0.03 inch of precipitation reported at Berino, New Mexico. The mean daily temperature at Berino, New Mexico, was 10 degrees Celsius on February 24, 7 degrees Celsius on February 25, and 9 degrees Celsius on February 26, 2003, with a low of minus 1 degree Celsius on February 25 and a high of 19 degrees Celsius on February 24. Weather was favorable with no precipitation during the seepage investigation on August 25-27, 2003. The mean daily temperature at Berino, New Mexico, was 26 degrees Celsius on August 25, 26, and 27, 2003, with a low of 17 degrees Celsius on August 26 and a high of 36 degrees Celsius on August 25.

STREAMFLOW.--The seepage investigation on February 24-26, 2003, was conducted during the non-irrigation season. Discharge measurements indicate a net seepage gain of 8.4 ft^3/s from drain mile 23.7 to drain mile 0.0, with total side-channel inflow of 2.3 ft^3/s. The seepage investigation on August 25-27, 2003, was conducted during the irrigation season. Discharge measurements indicate a net seepage gain of 4.3 ft^3/s from drain mile 23.7 to drain mile 0.0, with total side-channel inflow of 3.1 ft^3/s. Indicated gains (+) and losses (-) throughout the reach are shown below. Tributary flow recorded as inflow is considered a contribution and not a gain; no outflow (diversions) occurred during the investigation. Channel gain or loss includes seepage to or from the unlined channel, evaporation from the water surface, and transpiration by vegetation along the channel banks.

REMARKS.--The seepage investigation conducted on February 24-26, 2003, is rated good on the basis of steady streamflow conditions. Individual discharge measurements were rated good (within 5 percent) throughout most of the stream reach. Discharge measurements were rated fair (within 8 percent) at drain mile 4.7 and drain mile 0.0 due to channel conditions. The seepage investigation conducted on August 25-27, 2003, is rated good from drain mile 23.7 to drain mile 10.7. The seepage investigation is rated poor from drain mile 10.7 to drain mile 0.0 on the basis of unsteady streamflow conditions. Discharge measurements at drain mile 10.7 indicate unsteady streamflow at 2.05 ft^3/s on August 26 at 1615 hours and 1.69 ft^3/s on August 27 at 0920 hours. Individual discharge measurements were rated good (within 5 percent) throughout most of the stream reach. Individual discharge measurements were rated fair (within 8 percent) at drain miles 18.9 and 10.7 and rated poor (over 8 percent) at drain miles 20.8, 15.5, and 0.7 due to low stream velocity and poor channel conditions. The accuracy of discharge measurements needs to be considered when evaluating indicated gains and losses.

Ground-water pumpage to supplement reduced surface-water allotments significantly increased in the 2003 irrigation season. Numerous nearby irrigation wells were observed to be pumping during the seepage investigation conducted on August 25-27, 2003. Cooperation by the local irrigation districts to limit spillway inflows during the seepage investigation is gratefully acknowledged.

[ft^3/s, cubic feet per second; µS/cm, microsiemens per centimeter at 25 degrees Celsius; NM, New Mexico; --, no data or not applicable; TX, Texas]

Drain mile	Stream	Location	Date	Time	Water temperature (°C)	Specific conductance (µS/cm)	Discharge, in ft^3/s		
							Main stream	Inflow	Gain or loss
23.7	West Drain	At head near San Miguel, NM	02-24-03	1330	--	--	[1]0	--	--
		Lat 32°09'14", long 106°44'53"	08-25-03	1205	--	--	[1]0	--	--
23.6	Prescott Spur Drain	Near San Miguel, NM	02-24-03	1340	--	--	--	[1]0	--
	Inlet	Lat 32°09'13", long 106°44'48"	08-25-03	1210	--	--	--	[1]0	--
23.0	San Miguel Spur	Near San Miguel, NM	02-25-03	0815	8.0	2,110	--	[2]0	--
	Drain Inlet	Lat 32°08'49", long 106°44'33"	08-26-03	0850	22.0	1,500	--	[3]0.057	--
22.1	West Drain	At Emerson Farm Road near San Miguel, NM	02-25-03	0845	5.0	1,810	[3]0.179	--	+0.18
		Lat 32°08'20", long 106°43'55"	08-26-03	0815	22.5	1,550	[3]0.063	--	+0.006
22.0	Wallace Spur Drain	Near San Miguel, NM	02-25-03	0915	6.0	1,320	--	[3]0.188	--
	Inlet	Lat 32°08'12", long 106°43'52"	08-26-03	0940	22.5	980	--	[3]0.312	--
21.5	Payne Spur Drain	Near La Mesa, NM	--	--	--	--	--	--	--
	Inlet	Lat 32°07'51", long 106°43'42"							
20.8	Mundy Spur Drain	Near La Mesa, NM	02-24-03	1430	14.0	1,480	--	[2]0	--
	Inlet	Lat 32°07'18", long 106°43'23"	08-26-03	0900	22.5	1,080	--	0.76	--
20.2	West La Mesa Spur	Near La Mesa, NM	02-24-03	1550	13.5	1,440	--	[2]0	--
	Drain Inlet	Lat 32°06'49", long 106°43'07"	08-25-03	1345	28.5	1,040	--	[2]0	--
20.0	Shafer Lateral Spill-	Near La Mesa, NM	--	--	--	--	--	[1]0	--
	way Inlet	Lat 32°06'39", long 106°43'03"	08-26-03	0850	--	--	--	[2]0	--
18.9	Cozine Spur Drain	Near La Mesa, NM	02-24-03	1645	12.5	1,430	--	[2]0	--
	Inlet	Lat 32°05'50", long 106°42'32"	08-26-03	1005	24.5	970	--	0.68	--
18.6	Cox Spur Drain Inlet	Near La Mesa, NM	--	--	--	--	--	--	--
		Lat 32°05'37", long 106°42'24"	08-26-03	1020	26.0	1,040	--	[3]0.035	--
17.3	Garret Spur Drain	Near Chamberino, NM	02-24-03	1720	11.5	1,410	--	[2]0	--
	Inlet/Spillway	Lat 32°04'35", long 106°41'47"	08-25-03	1520	30.0	1,110	--	[2]0	--
17.0	West Drain	Above Neale Spur Drain near Chamberino, NM	02-25-03	1055	9.5	1,380	[3]0.208	--	-0.16
		Lat 32°04'22", long 106°41'39"	08-26-03	1140	25.0	1,140	3.16	--	+1.31

West Drain Seepage Investigation--Continued

Drain mile	Stream	Location	Date	Time	Water temperature (°C)	Specific conductance (µS/cm)	Discharge, in ft³/s: Main stream	Discharge, in ft³/s: Inflow	Discharge, in ft³/s: Gain or loss
16.8	Neale Spur Drain Inlet	Near Chamberino, NM Lat 32°04'12", long 106°41'32"	02-25-03 08-25-03	1645 1610	15.0 --	1,790 --	-- --	[2]/0 [1]/0	-- --
15.5	Want Lateral Spillway No. 35E Inlet	Near Chamberino, NM Lat 32°03'09", long 106°40'59"	-- 08-26-03	-- 1030	-- --	-- 900	-- --	[1]/0 0.05	-- --
10.7	West Drain	At County Road A47 near La Union, NM Lat 31°59'07", long 106°39'52"	02-25-03 02-26-03 08-26-03 08-27-03	1522 0916 1615 0920	18.0 -- 31.5 --	1,790 -- 1,200 --	2.30 2.45 2.05 1.69	-- -- -- --	+2.09 -- -1.16 --
5.5	West Drain	At NM 273 near La Union, NM Lat 31°54'50", long 106°38'42"	02-26-03 08-27-03	1048 0945	12.5 26.0	1,930 1,330	4.92 [3]/0.008	-- --	+2.47 -1.68
4.7	Central Drain Inlet	Near Cañutillo, TX Lat 31°54'23", long 106°38'14"	02-26-03 08-27-03	1442 1050	14.0 24.5	3,190 2,870	-- --	1.06 [3]/0.179	--
1.8	Crawford Spur Drain Inlet	Near El Paso, TX Lat 31°51'53", long 106°37'55"	02-26-03 08-27-03	0900 1200	8.0 23.0	2,450 2,160	-- --	[2]/0 [3]/0.017	--
1.6	Crawford Lateral Spillway No. 32G	Near Santa Teresa, NM Lat 31°51'42", long 106°37'52"	-- 08-27-03	-- 1000	-- --	-- --	-- --	-- [1]/0	-- --
1.3	Santa Teresa Wastewater Inflow	Near Santa Teresa, NM Lat 31°51'21", long 106°37'29"	02-26-03 08-27-03	1410 1355	15.0 27.0	2,460 2,690	-- --	0.72 0.82	-- --
0.7	Borderland Spur Drain Inlet	At Stevens Lateral Spillway near Santa Teresa, NM Lat 31°51'09", long 106°37'15"	02-26-03 08-27-03	1430 1145	14.0 25.5	3,280 2,730	-- --	[3]/0.29 0.15	--
0.0	West Drain Inlet	At Nemexas Drain near Santa Teresa, NM Lat 31°50'42", long 106°36'44"	02-26-03 08-27-03	1534 1505	15.0 30.0	2,390 2,340	10.8 6.96	-- --	+3.8 +5.79

[1] Dry.
[2] No flow; ponded.
[3] Parshall flume.

The following water-quality tables for miscellaneous sites in the Rio Grande Basin are identified by 15-digit latitude-longitude site numbers and are in order by ascending site numbers as shown before the site name. This departure from the normal downstream order for surface-water sites was taken to facilitate locating these sites in this report and for comparing results for the same group of analyses

RIO GRANDE BASIN

315042106364410 WEST DRAIN INLET AT NEMEXAS DRAIN NR SANTA TERESA, NM

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)
FEB													
26...	1515	11	44	661	7.9	91	8.0	2,390	18.0	15.0	410	67	114
AUG													
27...	1530	7.0	21	665	1.1	17	7.8	2,340	34.5	30.0	350	--	89.4

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
FEB													
26...	30.9	9.42	8	387	351	421	0.48	258	0.99	38.1	515	1,570	1,610
AUG													
27...	31.3	15.3	8	350	363	442	0.43	271	1.1	39.7	441	1,480	1,470

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Boron, water, fltrd, ug/L (01020)
FEB									
26...	7.1	2.85	0.18	0.26	0.089	0.55	0.57	1.53	560
AUG									
27...	11	8.31	--	<0.06	E.004	3.40	3.52	3.73	540

Remark codes used in this table:
< -- Less than
E -- Estimated value

RIO GRANDE BASIN

315450106384210 WEST DRAIN AT NM273 NEAR LA UNION, NM

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)
FEB													
26...	1020	4.9	14	663	8.2	89	8.2	1,930	11.0	12.5	400	120	119
AUG													
27...	0900	0.01	1.6	667	3.9	55	7.7	1,330	22.0	26.0	260	89	70.3

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)
FEB													
26...	24.9	5.65	6	286	276	331	3	0.31	184	0.81	32.8	447	1,270
AUG													
27...	20.5	7.73	5	168	171	208	--	0.18	127	0.8	20.1	288	807

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Boron, water, fltrd, ug/L (01020)
FEB									
26...	1,310	0.41	0.09	0.22	E.004	0.02	<0.04	0.06	400
AUG									
27...	855	1.1	0.56	<0.06	<0.008	<0.02	E.02	E.02	280

Remark codes used in this table:
< -- Less than
E -- Estimated value

RIO GRANDE BASIN

315907106395210 WEST DRAIN AT COUNTY ROAD A47 NEAR LA UNION, NM

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)
FEB													
25...	1450	2.3	12	662	9.8	120	8.3	1,790	23.0	18.0	420	160	124
AUG													
26...	1610	2.0	15	665	9.7	153	8.4	1,200	32.0	31.5	260	110	70.7

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)
FEB													
25...	26.7	6.26	5	239	256	305	4	0.26	169	0.65	29.2	405	1,160
AUG													
26...	21.3	7.80	4	151	159	184	5	0.16	117	0.7	16.2	263	743

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Boron, water, fltrd, ug/L (01020)
FEB									
25...	1,210	0.40	0.04	0.30	E.007	E.02	<0.04	0.05	330
AUG									
26...	756	0.46	<0.04	<0.06	<0.008	<0.02	<0.04	E.04	260

Remark codes used in this table:
< -- Less than
E -- Estimated value

RIO GRANDE BASIN

320422106413910 WEST DRAIN ABV NEALE SPUR DRAIN NR CHAMBERINO, NM

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Turbidity, wat unf lab, Hach 2100AN NTU (99872)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)
FEB													
25...	1045	0.21	29	664	4.5	45	7.8	1,380	9.0	9.5	370	180	107
AUG													
26...	1230	3.2	37	664	5.0	70	7.9	1,140	31.0	25.0	270	81	76.1

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
FEB													
25...	24.9	9.28	4	158	192	232	0.09	128	0.68	10.1	311	865	914
AUG													
26...	18.8	7.32	4	132	186	227	0.16	107	0.7	21.6	219	695	724

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ammonia + org-N, water, unfltrd mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Boron, water, fltrd, ug/L (01020)
FEB									
25...	0.90	0.17	0.21	0.22	0.011	E.01	<0.04	0.09	250
AUG									
26...	0.56	0.07	--	<0.06	<0.008	<0.02	E.02	0.08	230

Remark codes used in this table:
< -- Less than
E -- Estimated value

Water-quality partial-record stations and water-quality miscellaneous sites are surface-water locations where chemical-quality, biological, and/or sediment data are collected on a limited frequency over a short period of years or once only for use in hydrologic investigations.

TULAROSA VALLEY BASIN

08480594 MALPAIS SPRING NR OSCURA, NM

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
MAY													
07...	1040	1.5	653	8.2	99	7.6	6,370	25.0	16.0	2,300	2,200	670	142

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
MAY													
07...	7.48	6	606	44	54	0.0	0.44	1,180	1.30	27.1	1,890	4,580	4,910

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Aluminum, water, fltrd, ug/L (01106)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
MAY													
07...	2.94	<0.008	<0.02	<40	2	10.8	<1.5	220	<24	<30	<24	<20	<30

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Manganese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)
MAY											
07...	<0.24	43	<5.0	<0.02	<90	<90	6	<27	11,400	E13	<72

Remark codes used in this table:
< -- Less than
E -- Estimated value

The following water-quality tables for miscellaneous sites in the Tularosa Valley Basin are identified by 15-digit latitude-longitude site numbers and are in order by ascending site numbers as shown before the site names. This departure from the normal downstream order for surface-water sites was taken to facilitate locating these sites in this report and for comparing results for the same group of analyses.

TULAROSA VALLEY BASIN

331158106265710 SALT CREEK NR NW-50 ON WSMR, NM

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
MAY													
06...	1355	0.02	655	5.6	114	8.8	75,500	27.0	28.5	8,900	8,800	1,310	1,350

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
MAY													
06...	736	78	16,800	65	66	6	6.62	27,400	8.1	<5.20	9,700	57,400	60,000

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Aluminum, water, fltrd, ug/L (01106)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
MAY													
06...	<0.06	<0.008	0.02	<600	<15	97.1	<20.0	2,550	<320	<400	<320	<230	<400

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Manganese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)
MAY											
06...	<2.48	4,100	75.1	<0.02	<1,200	<1,200	<21	<360	44,500	<320	<960

Remark codes used in this table:
< -- Less than

TULAROSA VALLEY BASIN

332057106211310 SALT CREEK 4 AT RANGE ROAD 7 ON WSMR, NM

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)
MAY													
06...	1155	0.13	655	7.0	96	7.6	29,400	30.5	18.0	3,500	3,300	930	286

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Bromide water, fltrd, mg/L (71870)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
MAY													
06...	125	38	5,110	186	226	0.0	2.09	9,200	5.1	22.8	2,980	18,800	20,300

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Aluminum, water, fltrd, ug/L (01106)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Beryllium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
MAY													
06...	<0.06	<0.008	<0.02	<300	<6	26.1	<10.0	560	<160	<200	<160	<120	<200

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Manganese, water, fltrd, ug/L (01056)	Mercury water, fltrd, ug/L (71890)	Molybdenum, water, fltrd, ug/L (01060)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Vanadium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)
MAY											
06...	<0.96	1,170	136	<0.02	<600	<580	<8	<180	18,100	<160	<480

Remark codes used in this table:
< -- Less than

BERNALILLO COUNTY

Albuquerque Area

350256106390801. Local number, 10N.03E.32.314.
LOCATION.--Lat 35°02'56", long 106°39'09", Hydrologic Unit 13020203.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 16 in., depth 764 ft, perforated 188-764 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 4,941 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 3.00 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--1982 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.07 ft below land-surface datum, Jan. 5, 1987; lowest measured, 45.47 ft below land-surface datum, July 16, 1994.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	39.07	36.44	35.73	36.08	35.54	35.26	35.89	36.38	38.43	40.79	41.36	40.62
10	38.63	36.53	34.97	34.36	35.57	36.39	35.46	37.12	38.26	41.39	41.75	39.84
15	38.13	36.60	35.07	33.88	35.41	36.01	35.47	36.83	39.16	41.92	41.59	38.67
20	38.37	36.25	34.73	35.20	34.62	35.76	35.59	36.83	40.02	41.91	41.26	39.61
25	37.95	35.76	34.93	35.65	34.73	34.70	35.80	37.58	39.14	41.31	40.49	39.57
EOM	37.24	36.77	35.59	35.41	35.21	35.07	35.56	37.91	38.59	41.51	40.59	39.48

WTR YR 2003 HIGHEST 33.86 JAN 14 LOWEST 42.74 AUG 8-9

Albuquerque Area

351051106395304. Local number, 11N.03E.18.411D.
LOCATION.--Lat 35°10'51", long 106°39'53", Hydrologic Unit 13020203.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled water-table observation well, casing diameter 6 in., with 2 in.-P.V.C. piezometer set at 980 ft, casing is screened from 870 to 1,050 ft.
INSTRUMENTATION.--Monthly steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,995 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 2-in. P.V.C., 1.80 ft above land-surface datum.
PERIOD OF RECORD.--1982 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.29 ft below land-surface datum, Feb. 22, 1984; lowest measured, 46.89 ft below land-surface datum, Sept. 16, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 24	45.75	FEB 04	44.69

CHAVES COUNTY

Roswell Basin

334138104343801 (formerly 334645104344501). Local number, 07S.23E.23.24431.
LOCATION.--Lat 33°41'38", long 104°34'38", Hydrologic Unit 13060005.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian irrigation well, diameter 14 in., depth 436 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,810 ft above National Geodetic Vertical Datum of 1929. Measuring point: lower outer edge of mouth of discharge pipe, 3.71 ft above land-surface datum.
PERIOD OF RECORD.--May 1951 to March 1960, January 1962 to January 1966, January 1968 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 239.83 ft below land-surface datum, May 26, 1951; lowest measured, 290.80 ft below land-surface datum, Aug. 21, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	261.68	AUG 21	263.13

Roswell Basin

332615104303601. Local number, 10S.24E.21.212222.
LOCATION.--Lat 33°26'15", long 104°30'36", Hydrologic Unit 13060008.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian observation well completed in San Andres Limestone, diameter 10 in., depth 324 ft.
INSTRUMENTATION.--Monthly steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,580.65 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 3.60 ft above land-surface datum.
REMARKS.--Recorder removed Nov. 26, 1990. Monthly steel-tape measurements.
PERIOD OF RECORD.--June 1940 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.06 ft below land-surface datum, Jan. 19, 1946; lowest measured, 74.40 ft below land-surface datum, July 30, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	42.80	DEC 05	37.00	JAN 24	35.00	APR 04	38.60	JUN 13	42.10	AUG 15	46.65
15	42.00	17	36.30	FEB 05	34.80	15	39.10	25	43.95	25	47.00
25	39.60	24	36.05	14	34.60	25	40.30	JUL 03	45.95	SEP 05	46.70
NOV 05	38.60	JAN 06	35.60	25	34.70	MAY 15	40.80	15	46.00	15	45.70
15	38.00	14	35.34	MAR 14	36.40	23	41.70	25	49.00	25	46.50
25	37.50	15	35.15	25	38.40	JUN 05	42.30	AUG 05	46.90		

CHAVES COUNTY—Continued

Roswell Basin

332255104360401. Local number, 11S.23E.03.342223.
LOCATION.--Lat 33°22'55", long 104°36'04", Hydrologic Unit 13060008.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 15 in., depth 478 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,725 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing 0.50 ft above land-surface datum.
PERIOD OF RECORD.--March 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 156.97 ft below land-surface datum, Mar. 11, 1952; lowest measured, 198.96 ft below land-surface datum, Oct. 18, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	175.02	AUG 20	DRY

Roswell Basin

331914104253701 (formerly 331930104261001). Local number, 11S.25E.29.34333.
LOCATION.--Lat 33°19'14", long 104°25'37", Hydrologic Unit 13060007.
AQUIFER.--Valley Fill
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 160 ft, cased to 160 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,535 ft above National Geodetic Vertical Datum of 1929. Measuring point: Edge of pump base, southeast corner, at land-surface datum.
PERIOD OF RECORD.--August 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.30 ft below land-surface datum, Aug. 19, 1991; lowest measured, 21.72 ft below land-surface datum, Aug. 26, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
AUG 21	PUMPING

Roswell Basin

331705104262801 (formerly 332200104270001). Local number, 12S.25E.09.42230.
LOCATION.--Lat 33°17'05", long 104°26'28", Hydrologic Unit 13060007.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 10 in., reported depth 90 ft, cased to 90 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,564 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 3/4-in. collar, 0.62 ft above land-surface datum.
PERIOD OF RECORD.--May 1937 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.64 ft below land-surface datum, Oct. 16, 1941; lowest measured, 83.06 ft below land-surface datum, Aug. 21, 1973.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 15	69.23	AUG 21	71.73

Roswell Basin

331525104245201 (formerly 331205104245101). Local number, 12S.25E.23.344412.
LOCATION.--Lat 33°15'25", long l04°24'52", Hydrologic Unit 13060007.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 9 to 7 in., depth 930 ft, 9-in. casing 0-304 ft, 7-in. casing 304-714 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 3,540 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.30 ft above land-surface datum.
REMARKS.--Records good, except for June 6-19 and June 30-July 24, which are missing due to recorder malfunction.
PERIOD OF RECORD.--January 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.39 ft below land-surface datum, Mar. 5, 2002; lowest measured, 199.68 ft below land-surface datum, June 20, 1978.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	71.76	27.43	19.85	13.23	20.75	33.07	114.35	87.56	---	---	156.44	107.11
10	52.43	25.53	18.41	13.92	16.99	46.82	101.85	88.25	---	---	148.85	98.66
15	50.24	28.60	17.66	13.00	25.38	71.69	97.41	89.63	---	---	138.87	93.53
20	42.60	26.07	16.48	11.50	28.88	67.32	100.15	112.07	129.11	---	129.37	90.56
25	39.89	23.50	14.98	15.33	24.23	80.53	110.16	117.11	130.98	146.80	120.15	94.07
EOM	31.15	22.67	13.50	17.58	30.87	100.28	102.12	120.91	---	156.20	115.14	85.72

WTR YR 2003 HIGHEST 11.50 JAN 20 LOWEST 160.87 AUG 1

CHAVES COUNTY—Continued

Roswell Basin

331524104245101. Local number, 12S.25E.23.344234A.
LOCATION.--Lat 33°15'24", long 104°24'51", Hydrologic Unit 13060007.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 7 in., total depth 231 ft, cased to total depth, perforated 105-231 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 3,540 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 2.40 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--1942 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 99.32 ft below land-surface datum, Apr. 14, 2000; lowest measured, 110.98 ft below land-surface datum, Oct. 1, 1980.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	102.09	102.18	102.11	101.80	101.47	101.29	101.23	101.43	101.71	102.04	102.37	102.71
10	102.14	102.16	101.98	101.74	101.45	101.27	101.27	101.56	101.75	102.09	102.41	102.77
15	102.13	102.21	102.02	101.68	101.47	101.21	101.25	101.47	101.85	102.16	102.49	102.81
20	102.15	102.23	101.93	101.68	101.38	101.29	101.40	101.75	101.80	102.19	102.53	102.86
25	102.21	102.15	101.93	101.66	101.30	101.32	101.39	101.68	101.94	102.27	102.57	102.98
EOM	102.23	102.14	101.82	101.62	101.31	101.23	101.41	101.73	101.99	102.31	102.67	103.06

WTR YR 2003 HIGHEST 101.19 MAR 16 LOWEST 103.25 SEP 30

Roswell Basin

331213104241601 (formerly 331216104241701). Local number, 13S.25E.12.311134.
LOCATION.--Lat 33°12'13", long 104°24'16", Hydrologic Unit 13060007.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 13 in., depth 190 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,506 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.80 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.23 ft below land-surface datum, Feb. 3, 1942; lowest measured, 99.21S ft below land-surface datum, Aug. 8, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 16	88.23S	AUG 21	94.11

Roswell Basin

331002104254701 (formerly 331002104272001). Local number, 13S.25E.27.211144.
LOCATION.--Lat 33°10'02", long 104°25'47", Hydrologic Unit 13060007.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian observation well completed in San Andres Limestone, diameter 10 in., depth 880 ft.
INSTRUMENTATION.--Monthly steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,523.76 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf 3.59 ft above land-surface datum.
REMARKS.--Recorder removed Nov. 25, 1990. Monthly steel-tape measurements.
PERIOD OF RECORD.--1940 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, -3.49 ft above land-surface datum, Feb. 5, 1999; lowest measured, 198.30 ft below land-surface datum, July 18, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 04	76.88	DEC 16	12.51	FEB 14	18.74	APR 25	140.44	JUL 03	185.56	SEP 15	110.41
15	57.31	26	7.60	25	21.88	MAY 05	136.71	15	188.54	25	106.94
25	36.49	JAN 06	5.31	MAR 05	36.41	15	129.05	25	181.41		
NOV 05	23.21	15	4.19	14	95.21	23	148.85	AUG 05	185.57		
15	30.51	16	5.28	25	108.99	JUN 05	156.96	15	172.73		
25	19.11	24	5.44	APR 04	141.41	13	162.36	25	147.06		
DEC 05	15.01	FEB 05	12.80	15	116.43	25	163.41	SEP 05	131.94		

Roswell Basin

330702104402401 (formerly 330700104402501). Local number, 14S.23E.08.144344.
LOCATION.--Lat 33°07'02", long 104°40'24", Hydrologic Unit 13060009.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian stock well, diameter 8 in., depth 460 ft, casing information not available.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,844 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.00 ft above land-surface datum.
PERIOD OF RECORD.--April 1940 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 257.55 ft below land-surface datum, Feb. 9, 1943; lowest measured, 328.69 ft below land-surface datum, Aug. 21, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
AUG 21	328.69

CHAVES COUNTY—Continued

Roswell Basin

330646104173301 (formerly 330640104174501). Local number, 14S.26E.12.431331.
LOCATION.--Lat 33°06'46", long l04°17'33", Hydrologic Unit 13060007.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 13 in., depth 125 ft, cased 0-125 ft, perforated 50-115 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,396.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing at land-surface datum.
PERIOD OF RECORD.--January 1940 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.50 ft below land-surface datum, Jan. 22, 1942; lowest measured, 23.77 ft below land-surface datum, Aug. 25, 1967.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
AUG 21	20.80

Roswell Basin

330404104221201. Local number, 14S.26E.30.44444.
LOCATION.--Lat 33°04'04", long 104°22'12", Hydrologic Unit 13060007.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 8 5/8 in., depth 1,150 ft, cased to 740 ft, open hole 740-1,150 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,484 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing 1.00 ft above land-surface datum.
PERIOD OF RECORD.--February 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 58.10 ft below land-surface datum, Feb. 11, 1993; lowest measured, 295.05 ft below land-surface datum, Aug. 21, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
AUG 21	295.05

Penasco Valley

325654105180101. Local number, 16S.16E.03.312132.
LOCATION.--Lat 32°56'54", long 105°18'01", Hydrologic Unit 13060010.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, depth 163 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,743.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: end of discharge pipe, 4.53 ft above land surface.
PERIOD OF RECORD.--August 1954 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.19 ft below land-surface datum, Aug. 13, 1987; lowest measured, 38.37 ft below land-surface datum, Jan. 21, 1967.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
AUG 21	31.22

CIBOLA COUNTY

Grants-Bluewater Area

350346107521201 (formerly 350400107510501). Local number, 10N.10W.26.331.
LOCATION.--Lat 35°03'46", long 107°52'12", Hydrologic Unit 13020207.
AQUIFER.--Glorieta Sandstone of Permian age.
WELL CHARACTERISTICS.--Drilled artesian irrigation well, diameter 16 in., depth 216 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,455 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of $\frac{1}{2}$-in. hole in pump base, 1.00 ft above land-surface datum.
PERIOD OF RECORD.--February 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.18 ft below land-surface datum, Feb. 21, 1952; lowest measured, 34.69 ft below land-surface datum, Jan. 17, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	30.91	AUG 11	30.20

CIBOLA COUNTY—Continued

Grants-Bluewater Area

350923107522701 (formerly 350925107523001). Local number, 11N.10W.27.241.
LOCATION.--Lat 35°09'23", long 107°52'27", Hydrologic Unit 13020207.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 16 to 12 in., depth 158 ft, perforated 50 to 150 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,480 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing at land-surface datum.
PERIOD OF RECORD.--February 1953 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.23 ft below land-surface datum, Sept. 29, 1988; lowest measured, 42.28 ft below land-surface datum, Aug. 11, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	38.34	AUG 11	42.28

Grants-Bluewater Area

351304107543701 (formerly 351400107524201). Local number, 12N.10W.29.434.
LOCATION.--Lat 35°13'04", long 107°54'37", Hydrologic Unit 13020207.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian unused well, diameter 18 in., reported depth 205 ft, cased 0-150 ft, perforated 93-130 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,552 ft above National Geodetic Vertical Datum of 1929. Measuring point: lower edge of hole in north side of casing, 2.20 ft above land-surface datum.
PERIOD OF RECORD.--October 1944, February 1946 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 65.46 ft below land-surface datum, Oct. 14, 1944; lowest measured, 107.61 ft below land-surface datum, Aug. 6, 1975.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	83.29	AUG 11	85.48

Grants-Bluewater Area

351651107594501 (formerly 351650107535001). Local number, 12N.11W.09.424.
LOCATION.--Lat 35°16'51", long 107°59'45", Hydrologic Unit 13020207.
AQUIFER.--San Andres Limestone and Yeso Formation of Permian age.
WELL CHARACTERISTICS.--Drilled artesian unused well, diameter 16 in., reported depth 505 ft, 16-in. casing to 175 ft, 12-in. casing to 325 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,642 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 3.05 ft above land-surface datum.
PERIOD OF RECORD.--May 1946 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 86.69 ft below land-surface datum, Sept. 29, 1988; lowest measured, 274.81 ft below land-surface datum, Jan. 23, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	125.11	AUG 11	128.44

Grants-Bluewater Area

351630107572801 (formerly 351637107584501). Local number, 12N.11W.14.213.
LOCATION.--Lat 35°16'30", long 107°57'28", Hydrologic Unit 13020207.
AQUIFER.--San Andres Limestone and Yeso Formation of Permian age.
WELL CHARACTERISTICS.--Drilled test well, diameter 4 in., depth 130.4 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,605 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 3.70 ft above land-surface datum.
PERIOD OF RECORD.--June 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.74 ft below land-surface datum, Sept. 25, 1986; lowest measured, 101.39 ft below land-surface datum, June 10, 1954.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	88.29	AUG 11	89.10

COLFAX COUNTY

Capulin Basin

364522104034501 (formerly 364500104031501). Local number, 29N.27E.16.222.
LOCATION.--Lat 36°45'22", long 104°03'45", Hydrologic Unit 11040001.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 8 in., depth 120 ft, cased to 20 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,821.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.50 ft above land-surface datum.
PERIOD OF RECORD.--February 1957 to February 1969, February 1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.65 ft below land-surface datum, Feb. 3, 1960; lowest measured, 11.42 ft below land-surface datum, July 10, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 27	9.26	JUL 10	11.42

COSTILLA COUNTY (in Colorado)

Sunshine Valley

370004105402201 (formerly 370009105410001). Local number, 01N.74W.33.322.
LOCATION.--Lat 37°00'04", long 105°40'22", Hydrologic Unit 13020101.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 15 in., depth 232 ft, casing information not available.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 7,495 ft above National Geodetic Vertical Datum of 1929. Measuring point: edge of hole inside pump base, 2.00 ft above land surface-datum (since 1971).
PERIOD OF RECORD.--February 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 101.82 ft below land-surface datum, Aug. 26, 1968; lowest measured, 139.24 ft below land-surface datum, Sept. 2, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 20	123.68	JUL 11	124.28

CURRY COUNTY

Clovis Area

341836103052001. Local number, 01N.37E.17.113133.
LOCATION.--Lat 34°18'53", long 103°05'26", Hydrologic Unit 12050002.
AQUIFER.--Ogallala.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 16 in., depth 373 ft, screened 293-373 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,113 ft above National Geodetic Vertical Datum of 1929. Measuring point: top edge of recorder shelter apron, 3.93 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--January 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 158.17 ft below land-surface datum, Jan. 28, 1972; lowest measured, 303.28S ft below land-surface datum, Aug. 25, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	297.88	NOV 06	297.58	DEC 19	296.70	JAN 15	295.63	FEB 20	295.51	AUG 25	303.28S

Clovis Area

342358103093601. Local number, 02N.36E.15.11111.
LOCATION.--Lat 34°23'58", long 103°09'36", Hydrologic Unit 12050002.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well; diameter, depth, and casing information not available.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,227 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of concrete base 1.20 ft above land-surface datum.
PERIOD OF RECORD.--January 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 266.89 ft below land-surface datum, Jan. 4, 1974; lowest measured, 304.47 ft below land-surface datum, July 31, 2000.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
FEB 20	295.22

CURRY COUNTY—Continued

Clovis Area

342736103203701 (formerly 342815103270001). Local number, 03N.34E.23.433133.
LOCATION.--Lat 34°27'36", long 103°20'37", Hydrologic Unit 12050001.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 16 in., depth 418 ft, cased to 418 ft, perforated 365-418 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,432 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.40 ft above land-surface datum.
PERIOD OF RECORD.--April 1954 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 340.62 ft below land-surface datum, Mar. 16, 1957; lowest measured, 362.32 ft below land-surface datum, Aug. 14, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 20	361.42	JUL 08	362.06

Clovis Area

343347103345001. Local number, 04N.32E.22.111114.
LOCATION.--Lat 34°33'47", long l03°34'50", Hydrologic Unit 12050001.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 16 in., depth 401 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,587 ft above National Geodetic Vertical Datum of 1929. Measuring point: edge of recorder shelter, 3.50 ft above land-surface datum.
PERIOD OF RECORD.--January 1980 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 295.35 ft above land-surface datum, July 8, 2003; lowest measured, 309.92 ft below land-surface datum, Jan. 9, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 19	295.49	JUL 08	295.35

Clovis Area

343615103123801. Local number, 05N.35E.35.31324.
LOCATION.--Lat 34°36'15", long 103°12'38", Hydrologic Unit 12050005.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 527 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,504 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.50 ft above land-surface datum.
PERIOD OF RECORD.--January 1954 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 376.40 ft below land-surface datum, Mar. 26, 1954; lowest measured, 458.53 ft below land-surface datum, July 8, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 20	458.19	JUL 08	458.53

DONA ANA COUNTY

Rincon and Mesilla Valleys

322203106484101 (formerly 322210106483001). Local number, 22S.01E.26.411.
LOCATION.--Lat 32°22'03", long 106°48'41", Hydrologic Unit 13030102.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 18 in., depth 107 ft, cased to 107 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,920 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of east side of casing, 1.50 ft above land-surface datum.
PERIOD OF RECORD.--April 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.56 ft below land-surface datum, July 24, 2001; lowest measured, 25.57 ft below land-surface datum, Apr. 25, 1957.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 04	12.04	JUL 24	14.89

DONA ANA COUNTY—Continued

Tularosa Basin

322323106314701. Local number, 22S.04E.15.331.
LOCATION.--Lat 32°23'23", long 106°31'47".
AQUIFER.--Bolson fill.
WELL CHARACTERISTICS.--4-in.-diameter PVC casing, depth 295 ft, screen interval 125-285 ft.
INSTRUMENTATION.--Pressure transducer, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 4,622 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 8-in. steel surface casing on north side at 1.65 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--December 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 66.40 ft below land-surface datum, Apr. 21, 1999; lowest measured, 69.97 ft below land-surface datum, Sept. 30, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	69.38	69.38	69.25	69.13	68.97	68.87	68.77	68.75	68.92	69.31	69.58	69.80
10	69.41	69.33	69.23	69.12	69.01	68.93	68.84	68.77	69.01	69.38	69.65	69.77
15	69.40	69.34	69.22	69.10	68.94	68.86	68.76	68.78	69.10	69.44	69.71	69.84
20	69.39	69.37	69.19	69.07	68.84	68.84	68.79	68.88	69.12	69.48	69.68	69.83
25	69.39	69.29	69.13	69.07	68.90	68.87	68.75	68.86	69.18	69.50	69.72	69.87
EOM	69.41	69.31	69.12	69.07	68.87	68.90	68.75	68.91	69.28	69.56	69.77	69.94

WTR YR 2003 HIGHEST 68.72 APR 18 LOWEST 69.97 SEP 30

Rincon and Mesilla Valleys

321606106462901 (formerly 321620106461501). Local number, 23S.02E.31.213.
LOCATION.--Lat 32°16'06", long 106°46'29", Hydrologic Unit 13030102.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 14 in., reported depth 70 ft, cased to 70 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,880 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 5/8-in. hole in pump base, 1.08 ft above land-surface datum.
PERIOD OF RECORD.--February 1948, April 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.13 ft below land-surface datum, Feb. 10, 1948; lowest measured, 29.12 ft below land-surface datum, Jan. 7, 1958.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 29	22.52	JUL 24	24.37

EDDY COUNTY

Roswell Basin

325702104352801 (formerly 325735104360701). Local number, 16S.24E.04.411341.
LOCATION.--Lat 32°57'02", long 104°35'28", Hydrologic Unit 13060007.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian irrigation well, diameter not available, depth 610 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,624 ft above National Geodetic Vertical Datum of 1929. Measuring point: southwest side of pump, 1.50 ft above land-surface datum.
PERIOD OF RECORD.--January 1969 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.48 ft below land-surface datum, Jan. 29, 1996; lowest measured, 100.54 ft below land-surface datum, Aug. 27, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 23	64.62	AUG 21	72.65

Roswell Basin

325638104274801. Local number, 16S.25E.11.111131A.
LOCATION.--Lat 32°56'38", long 104°27'48", Hydrologic Unit 13060007.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 7 in., depth 171 ft, casing 0-171 ft, perforated 94-170 ft.
INSTRUMENTATION.--Recorder removed Nov. 27, 1990. Monthly steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,450 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 3.00 ft above land-surface datum.
PERIOD OF RECORD.--1964 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.90 ft below land-surface datum, Feb. 18, 1966; lowest measured, 69.73 ft below land-surface datum, June 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	69.02	DEC 06	67.65	JAN 17	66.94	APR 18	67.97	JUL 22	68.94	SEP 23	68.75
NOV 04	68.42	JAN 13	66.98	FEB 04	66.62	MAY 22	68.95	AUG 21	68.86		

EDDY COUNTY—Continued

Roswell Basin

325450104251101 (formerly 325445104253501). Local number, 16S.26E.19.21113.
LOCATION.--Lat 32°54'50", long 104°25'11", Hydrologic Unit 13060007.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 160 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,399 ft above National Geodetic Vertical Datum of 1929. Measuring point: ½-in. by 3-in. vertical slot under pump base, at land-surface datum.
PERIOD OF RECORD.--January 1969 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.60 ft below land-surface datum, Jan. 16, 1969; lowest measured, 140.89 ft below land-surface datum, Aug. 6, 1992.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 17	111.24	AUG 21	120.75

Roswell Basin

324838104435301 (formerly 324831104435701). Local number, 17S.23E.30.12344.
LOCATION.--Lat 32°48'38", long 104°43'53", Hydrologic Unit 13060007.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian public-supply well, diameter 16 in., depth 600 ft, cased to 558 ft, perforated 498-558 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,085 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 2-in. pipe on north side of concrete base, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--December 1968, January 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 508.63 ft below land-surface datum, Jan. 27, 1988; lowest measured, 553.18 ft below land-surface datum, Aug. 11, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
AUG 21	520.83

Roswell Basin

324620104255001 (formerly 324624104244501). Local number, 18S.26E.06.442221A.
LOCATION.--Lat 32°46'20", long 104°25'50", Hydrologic Unit 13060007.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 9 in., depth 1,008 ft, cased to 726 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 3,402.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 2.40 ft above land-surface datum.
REMARKS.--Records fair, except May 23-June 19, which are missing due to recorder malfunction.
PERIOD OF RECORD.--June 1961 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.57 ft below land-surface datum, Feb. 20, 1989; lowest measured, 209.15 ft below land-surface datum, July 31-Aug. 2, 1966.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	139.98	113.41	101.49	94.33	87.46	89.37	137.22	136.80	---	161.33	176.37	170.87
10	135.64	110.74	100.22	92.87	86.61	93.24	139.15	139.58	---	163.27	175.01	167.34
15	130.79	108.78	98.05	91.58	85.86	103.49	144.08	136.08	---	166.61	177.72	157.58
20	125.10	107.38	96.60	90.40	85.50	113.21	142.82	141.06	156.33	170.88	180.58	155.62
25	120.20	105.34	96.78	89.23	85.52	122.79	138.69	---	162.85	173.41	178.32	155.80
EOM	116.18	103.47	94.23	88.39	87.80	128.50	134.71	---	161.33	176.53	176.38	148.65

WTR YR 2003 HIGHEST 84.89 FEB 23 LOWEST 183.88 AUG 22

EDDY COUNTY—Continued

Roswell Basin

324620104255101. Local number, 18S.26E.06.442212B.
LOCATION.--Lat 32°46'20", long 104°25'51", Hydrologic Unit 13060007.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 7 in., depth 246 ft, casing 0-246 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 3,402 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 2.70 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--1963 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 106.83 ft below land-surface datum, Jan. 7, 1974; lowest measured, 145.98 ft below land-surface datum, Sept. 14, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	143.10	138.88	134.41	130.66	127.42	125.58	129.05	134.27	137.49	141.14	144.13	145.49
10	142.57	138.02	133.65	130.17	127.09	125.52	130.29	134.92	138.17	141.69	144.56	145.55
15	141.90	137.37	133.13	129.49	126.67	125.55	131.33	135.29	138.96	142.27	144.90	145.63
20	141.38	136.67	132.45	129.00	126.32	126.38	132.76	136.16	139.37	142.80	145.03	145.58
25	140.65	135.90	132.03	128.56	126.02	126.93	133.33	136.32	140.14	143.35	145.21	145.52
EOM	139.78	135.14	131.08	128.11	125.81	128.01	133.86	136.84	140.74	143.78	145.46	145.24

WTR YR 2003 HIGHEST 125.47 MAR 11 LOWEST 145.98 SEP 14

Roswell Basin

324325104233001. Local number, 18S.26E.28.122111.
LOCATION.--Lat 32°43'25", long 104°23'30", Hydrologic Unit 13060011.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 8 in., depth 250 ft, cased to 182 ft, casing slotted 92-182 ft.
INSTRUMENTATION.--Monthly steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,403 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.06 ft above land-surface datum.
REMARKS.--Recorder removed Nov. 27, 1990.
PERIOD OF RECORD.--August 1951 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.79 ft below land-surface datum, Feb. 5, 1952; lowest measured, 127.44 ft below land-surface datum, Sept. 24, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 10	127.05	DEC 09	127.19	JAN 23	127.25	APR 18	127.18	JUL 22	127.38	SEP 24	127.44
NOV 05	127.09	JAN 13	127.18	FEB 04	127.20	MAY 22	127.28	AUG 22	127.41		

Roswell Basin

323705104225501. Local number, 19S.26E.33.41224.
LOCATION.--Lat 32°37'05", long 104°22'55", Hydrologic Unit 13060011.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 14 in., depth 225 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,282 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. hole, in north side of pump base, 0.95 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--January 1938 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.96 ft below land-surface datum, Feb. 26, 2001; lowest measured, 124.00 ft below land-surface datum, Jan. 9, 1984.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 22	99.40S	AUG 22	OBSTRUCTI

Roswell Basin

323542104242701 (formerly 323540104232001). Local number, 20S.26E.08.121111.
LOCATION.--Lat 32°35'42", long 104°24'27", Hydrologic Unit 13060011.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 13 in., depth 346 ft, casing information not available.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,286 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of basal flange of pump head, 0.20 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--January 1938 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.47 ft below land-surface datum, May 26, 1992; lowest measured, 90.25 ft below land-surface datum, Aug. 8, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 22	53.68S	AUG 22	OBSTRUCTI

EDDY COUNTY—Continued

Carlsbad Area

322637104142301 (formerly 322652104141901). Local number, 21S.26E.36.22110.
LOCATION.--Lat 32°26'37", long 104°14'23", Hydrologic Unit 13060011.
AQUIFER.--Capitan Limestone.
WELL CHARACTERISTICS.--Drilled water-table municipal well, diameter 20 in., depth 327 ft, casing 0-290 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 3,122.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 4.26 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--April 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.98 ft below land-surface datum, June 14, 1987; lowest measured, 26.07 ft below land-surface datum, Aug. 2, 1974.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.67	22.88	22.63	22.25	23.27	24.05	24.94	24.84	24.67	24.93	25.21	25.21
10	23.53	22.83	22.33	22.33	23.40	24.40	24.92	24.95	24.69	25.02	25.42	25.04
15	23.45	22.89	22.22	22.38	23.52	24.47	24.74	24.79	24.81	25.30	25.42	25.05
20	23.33	22.90	22.21	22.73	23.73	24.58	24.74	24.88	24.79	25.14	25.34	25.00
25	23.22	22.81	22.21	22.95	23.86	24.71	24.72	24.72	24.79	25.20	25.27	25.17
EOM	23.01	22.72	22.13	23.20	23.91	24.90	24.92	24.51	24.92	25.14	25.28	25.00

WTR YR 2003 HIGHEST 22.20 DEC 30 LOWEST 25.64 AUG 9

Carlsbad Area

322712104074501 (formerly 322710104073901). Local number, 21S.28E.30.14123.
LOCATION.--Lat 32°27'12", long 104°07'45", Hydrologic Unit 13060011.
AQUIFER.--Capitan Limestone.
WELL CHARACTERISTICS.--Drilled exploration well, diameter 8 5/8 in. by 5 $\frac{1}{2}$ in., reported depth 1,060 ft, plugged back, total depth 906 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 3,181.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.27 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--1963 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.13 ft below land-surface datum, June 29, 1987; lowest measured, 98.68 ft below land-surface datum, Aug. 3, 1974.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	94.03	93.15	92.89	92.43	93.28	93.87	94.80	94.92	94.59	94.91	95.11	95.12
10	94.00	93.13	92.61	92.47	93.40	94.13	94.99	94.93	94.71	94.92	95.32	95.02
15	93.96	93.17	92.45	92.50	93.47	94.29	94.83	94.92	94.84	95.04	95.45	95.02
20	93.83	93.13	92.38	92.75	93.68	94.32	94.77	94.89	94.88	95.15	95.30	95.01
25	93.69	93.05	92.38	92.97	93.81	94.52	94.75	94.82	94.80	95.23	95.27	95.02
EOM	93.48	93.00	92.30	93.18	93.79	94.81	94.87	94.57	94.92	95.13	95.16	95.06

WTR YR 2003 HIGHEST 92.27 JAN 1 LOWEST 95.46 AUG 15

Carlsbad Area

322120104151501. Local number, 22S.26E.25.333333 (formerly 22S.26E.36.111A).
LOCATION.--Lat 32°21'20", long 104°15'15", Hydrologic Unit 13060011.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 12 in., depth 260 ft, cased to 260 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,228.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.40 ft above land-surface datum.
PERIOD OF RECORD.--July 1942 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 131.50 ft below land-surface datum, Oct. 14, 1942; lowest measured, 214.82 ft below land-surface datum, Sept. 15, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 02	170.82	NOV 05	166.84	DEC 11	162.31	JAN 14	160.02

Carlsbad Area

322238104101801 (formerly 322231104131001). Local number, 22S.27E.22.421333.
LOCATION.--Lat 32°22'38", long 104°10'18", Hydrologic Unit 13060011.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., reported depth 150 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,100 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.20 ft above land-surface datum.
PERIOD OF RECORD.--September 1947 to August 1968, January 1970 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.43 ft below land-surface datum, Sept. 15, 1950; lowest measured, 81.10 ft below land-surface datum, Aug. 8, 1977.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 16	46.31	FEB 03	50.40	AUG 22	50.75

EDDY COUNTY—Continued

Carlsbad Area

321939104113301 (formerly 321930104113301). Local number, 23S.27E.09.211124.
LOCATION.--Lat 32°19'39", long 104°11'33", Hydrologic Unit 13060011.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 200 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,143 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, under pump base, 1.25 ft above land-surface datum.
PERIOD OF RECORD.--July 1949 to November 1955, January 1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.70 ft below land-surface datum, Sept. 15, 1950; lowest measured, 64.95 ft below land-surface datum, Feb. 3, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 03	64.95	AUG 22	47.98

Carlsbad Area

320604104284101 (formerly 320602104285201). Local number, 25S.24E.27.421121.
LOCATION.--Lat 32°06'04", long 104°28'41", Hydrologic Unit 13060011.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 101 ft, uncased.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,701 ft above National Geodetic Vertical Datum of 1929. Measuring point: northwest corner of pump base, 1.00 ft above land-surface datum.
PERIOD OF RECORD.--April 1952 to August 1967, January 1969 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.12 ft below land-surface datum, Aug. 22, 1988; lowest measured, 85.10 ft below land-surface datum, Aug. 25, 1967.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05	PUMPING	AUG 22	PUMPING

Carlsbad Area

320316104294301 (formerly 320257104295201). Local number, 26S.24E.09.443111.
LOCATION.--Lat 32°03'16", long 104°29'43", Hydrologic Unit 13060011.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 12 in., depth 100 ft, cased to 85 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,749.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of air-line flange support, 1.40 ft above land-surface datum.
PERIOD OF RECORD.--April 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.31 ft below land-surface datum, Aug. 22, 1988; lowest measured, 54.98 ft below land-surface datum, Sept. 8, 1965.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05	52.92	AUG 22	52.49

GRANT COUNTY

Mimbres Basin

324245108175603. Local number, 18S.14W.28.143B.
LOCATION.--Lat 32°42'45", long 108°17'56", Hydrologic Unit 13030202.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 6 in., depth unknown.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,800 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/4-in. hole in cover plate, at land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--March 1984 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 268.84 ft below land-surface datum, Jan. 14, 1986; lowest measured, 404.60S ft below land-surface datum, Jan. 6, 1994.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 31	396.80	JUN 24	396.79

GRANT COUNTY—Continued

Silver City Area

324600108222501. Local number, 18S.15W.11.323.
LOCATION.--Lat 32°46'00", long 108°22'25", Hydrologic Unit 15040002.
AQUIFER.--Gila Conglomerate.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 12 in., depth 580 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,845 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 12-in. casing, 1.50 ft above land-surface datum.
PERIOD OF RECORD.--March 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 262.34 ft below land-surface datum, Mar. 3, 1962; lowest measured, 300.51 ft below land-surface datum, Sept. 24, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 31	300.10	JUN 24	300.08

GUADALUPE COUNTY

Santa Rosa Area

350414104485101. Local number, 10N.20E.28.2241.
LOCATION.--Lat 35°04'14", long 104°48'51", Hydrologic Unit 13060001.
AQUIFER.--San Andres Limestone.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 12 3/4 in., casing 0-514 ft, 10 3/4 in., 505-575 ft, casing perforated 515-575 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 5,162.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.10 ft above land-surface datum.
REMARKS.--Records good, except for missing period Jan. 4 to Feb. 10, due to equipment malfunction.
PERIOD OF RECORD.--May 1977 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 343.67 ft below land-surface datum, July 27, 1992; lowest measured, 366.72 ft below land-surface datum, Apr. 16, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	361.55	361.99	362.88	---	---	365.04	365.71	364.95	362.90	362.55	363.51	363.61
10	361.60	362.09	363.14	---	---	365.20	365.81	364.75	362.77	362.74	363.19	363.42
15	361.39	362.40	363.15	---	364.75	365.41	365.95	364.79	362.49	362.79	363.31	363.54
20	361.56	362.47	363.20	---	364.68	365.50	365.87	364.34	362.56	362.68	363.41	363.68
25	361.67	362.57	363.33	---	364.80	365.44	365.54	363.96	362.33	362.76	363.89	363.86
EOM	361.85	362.73	363.71	---	364.89	365.59	365.21	363.62	362.17	363.16	363.65	364.48

WTR YR 2003 HIGHEST 361.06 OCT 1 LOWEST 366.72 APR 16

HARDING COUNTY

Roy Area

355352104054201. Local number, 19N.27E.05.334.
LOCATION.--Lat 35°53'52", long 104°05'42", Hydrologic Unit 11080007.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table municipal well, diameter 10 in., depth 75 ft, cased to 75 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,658 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/4-in. plugged hole, east side, 1.50 ft above land-surface datum.
REMARKS.--Submersible pump installed in 1984.
PERIOD OF RECORD.--January 1967 to present.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.34 ft below land-surface datum, Jan. 18, 1983; lowest measured, 55.76 ft below land-surface datum, Aug. 19, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 27	49.39	JUL 09	50.20

HIDALGO COUNTY

Virden Valley

324051108594101 (formerly 324053108594101). Local number, 19S.21W.03.414.
LOCATION.--Lat 32°40'51", long 108°59'41", Hydrologic Unit 15040002.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 20 in., depth 72 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,750 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole inside pump shell, 0.90 ft above land-surface datum.
PERIOD OF RECORD.--January 1959 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.50 ft below land-surface datum, Jan. 11, 1993; lowest measured, 15.79 ft below land-surface datum, Aug. 4, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
JUN 25	14.38

HIDALGO COUNTY—Continued

Lordsburg Area

321849108392001 (formerly 321848108391401). Local number, 23S.18W.12.333.
LOCATION.--Lat 32°18'49", long 108°39'20", Hydrologic Unit 15040003.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 12 in., depth 220 ft, perforations 100-220 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,240 ft above National Geodetic Vertical Datum of 1929. Measuring point: end of entry port pipe, 1.50 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--April 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 100.02 ft below land-surface datum, Jan. 11, 1958; lowest measured, 190.45 ft below land-surface datum, Aug. 7, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 23	164.86	JUN 24	167.22S

Lordsburg Area

321248108331401 (formerly 321257108331201). Local number, 24S.17W.14.442.
LOCATION.--Lat 32°12'48", long 108°33'14", Hydrologic Unit 15040003.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 18 in., depth 420 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,265 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.00 ft above land-surface datum.
REMARKS.--"X" indicates affected by surface water.
PERIOD OF RECORD.--May 1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.97 ft below land-surface datum, Jan. 7, 1981; lowest measured, 227.25 ft below land-surface datum, July 17, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 27	OBSTRUCTIO	JUN 24	93.00X

Animas Valley

321624108504001 (formerly 321540108514101). Local number, 23S.20W.25.422.
LOCATION.--Lat 32°16'24", long 108°50'40", Hydrologic Unit 15040003.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 150 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,150 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.40 ft above land-surface datum.
PERIOD OF RECORD.--May 1948 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.36 ft below land-surface datum, May 21, 1948; lowest measured, 56.09 ft below land-surface datum, Jan. 29, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
JUN 25	55.32

Animas Valley

315610108483901 (formerly 315645108493501). Local number, 27S.19W.20.343.
LOCATION.--Lat 31°56'10", long 108°48'39", Hydrologic Unit 15040003.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 358 ft, cased to 358 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,414 ft above National Geodetic Vertical Datum of 1929. Measuring point: top edge of 1 $^{1}/_{4}$-in. pipe in concrete pump base, 1.25 ft above land-surface datum.
PERIOD OF RECORD.--July 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 131.90 ft below land-surface datum, July 29, 1949; lowest measured, 208.30 ft below land-surface datum, Jan. 6, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 06	208.30	JUN 25	PUMPING

HIDALGO COUNTY—Continued

San Simon Valley

315738109004001. Local number, 27S.21W.17.124.
LOCATION.--Lat 31°57'38", long l09°00'40", Hydrologic Unit 15040006.
AQUIFER.--Bolson.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 220 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,020 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in west side of pump base, 1.00 ft above land-surface datum.
PERIOD OF RECORD.--January 1978, January 1980, July 1984 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 120.98 ft above land-surface datum, Jan. 10, 1980; lowest measured, 158.45 ft below land-surface datum, January 30, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
JAN 30	158.45

San Simon Valley

315048109010201 (formerly 315010108570001). Local number, 28S.21W.30.222.
LOCATION.--Lat 31°50'48", long 109°01'02", Hydrologic Unit 15040006.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 8 in., depth 471 ft, cased to 471 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,128 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in west side of casing, 0.70 ft above land-surface datum.
PERIOD OF RECORD.--January 1968 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 110.88 ft below land-surface datum, Jan. 15, 1969; lowest measured, 128.02 ft below land-surface datum, Jan. 4, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 30	126.95	JUN 25	127.36

Playas Valley

313502108275001. Local number, 31S.16W.33.233.
LOCATION.--Lat 31°35'02", long 108°27'50", Hydrologic Unit 13030201.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 16 in., depth 654 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,404 ft above National Geodetic Vertical Datum of 1929. Measuring point: bottom edge of shelf, 4.05 ft above land-surface datum.
PERIOD OF RECORD.--January 1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.66 ft below land-surface datum, Apr. 18-20, 1973; lowest measured, 54.95 ft below land-surface datum, Sept. 4, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	47.73	JUN 25	59.48

LEA COUNTY

Tatum-Lovington-Hobbs Area

332115103403301. Local number, 11S.32E.24.113222.
LOCATION.--Lat 33°21'15", long l03°40'33", Hydrologic Unit 12080001.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 4 $\frac{1}{2}$ in., depth 110 ft.
INSTRUMENTATION.--Digital recorder, 1-hour punch.
DATUM.--Elevation of land-surface datum is 4,336 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of shelter door, 3.43 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--October 1977 to November 1998, July 1999 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.74 ft above land-surface datum, Oct. 3, 1993; lowest measured, 62.67 ft below land-surface datum, Apr. 19, 1993.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	59.88	59.92	59.94	59.94	59.93	59.93	59.91	59.90	59.90	59.92	59.93	59.94
10	59.89	59.93	59.94	59.93	59.94	59.93	59.93	59.90	59.90	59.93	59.93	59.93
15	59.91	59.94	59.94	59.92	59.93	59.92	59.88	59.87	59.93	59.94	59.93	59.95
20	59.92	59.94	59.94	59.92	59.94	59.92	59.93	59.93	59.90	59.93	59.92	59.95
25	59.92	59.94	59.94	59.94	59.94	59.91	59.91	59.90	59.93	59.93	59.93	59.95
EOM	59.93	59.94	59.93	59.93	59.94	59.93	59.91	59.90	59.92	59.94	59.94	59.95

WTR YR 2003 HIGHEST 59.74 OCT 3 LOWEST 62.67 JAN 15

LEA COUNTY—Continued

Tatum-Lovington-Hobbs Area

331713103283301 (formerly 331740103285001). Local number, 12S.34E.11.42134.
LOCATION.--Lat 33°17'31", long 103°28'33", Hydrologic Unit 12080006.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 15 in., depth 87 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,144 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of concrete pump base, 0.80 ft above land-surface datum.
PERIOD OF RECORD.--May 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.57 ft below land-surface datum, May 24, 1949; lowest measured, 34.14 ft below land-surface datum, Aug. 17, 1983.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 03	32.74	AUG 26	32.88

Tatum-Lovington-Hobbs Area

330458103251001 (formerly 330455103251301). Local number, 14S.35E.28.111133.
LOCATION.--Lat 33°04'58", long 103°25'10", Hydrologic Unit 12080003.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table well, diameter 5 in., depth 137 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,031 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--January 1983 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.05 ft below land-surface datum, Jan. 5, 1994; lowest measured, 44.73 ft below land-surface datum, Aug. 7, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 04	44.20	AUG 25	44.19

Tatum-Lovington-Hobbs Area

330405103194501 (formerly 330400103193401). Local number, 14S.36E.32.12121.
LOCATION.--Lat 33°04'05", long 103°19'45", Hydrologic Unit 12080003.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth and casing information not available.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,990 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of concrete pump base, 0.50 ft above land-surface datum.
PERIOD OF RECORD.--January 1949 to January 1950, January 1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.38 ft below land-surface datum, Jan. 19, 1949; lowest measured, 76.14 ft below land-surface datum, Aug. 19, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 04	73.77	AUG 25	74.32

Tatum-Lovington-Hobbs Area

325730103213901 (formerly 325703103213201). Local number, 16S.36E.04.32232.
LOCATION.--Lat 32°57'30", long 103°21'39", Hydrologic Unit 12080003.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 13 in., depth 212 ft, perforated 80-208 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 3,926 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelf, 4.25 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--August 1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.69 ft below land-surface datum, Mar. 26, 1998; lowest measured, 67.11 ft below land-surface datum, Aug. 24, 1971.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	58.06	57.87	57.60	57.92	57.28	57.50	57.48	57.59	57.79	57.86	57.92	58.02
10	58.05	57.88	57.49	57.95	57.22	57.48	57.52	57.63	57.80	57.87	57.95	58.00
15	58.01	57.84	57.44	57.66	57.55	57.45	57.49	57.64	57.80	57.87	58.01	58.00
20	57.97	57.79	57.81	57.57	57.54	57.50	57.57	57.72	57.80	57.88	58.02	57.97
25	57.94	57.73	57.84	57.50	57.51	57.49	57.58	57.74	57.80	57.91	58.02	57.98
EOM	57.92	57.66	57.89	57.39	57.53	57.52	57.59	57.77	57.86	57.92	58.04	57.98

WTR YR 2003 HIGHEST 57.45 MAR 15 LOWEST 67.11 OCT 6

LEA COUNTY—Continued

Tatum-Lovington-Hobbs Area

325132103112501. Local number, 17S.38E.07.111311.
LOCATION.--Lat 32°51'32", long 103°11'25", Hydrologic Unit 12080003.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., reported depth 125 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,740 ft above National Geodetic Vertical Datum of 1929. Measuring point: edge of pipe on west side of pump, 0.95 ft above land-surface datum.
REMARKS.--"P" indicates well pumping.
PERIOD OF RECORD.--July 1951 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.59 ft below land-surface datum, Mar. 21, 1952; lowest measured, 82.44P ft below land-surface datum, Aug. 26, 1998.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 05	71.90	AUG 25	74.78

Tatum-Lovington Hobbs Area

324745103082001. Local number, 17S.38E.34.113143.
LOCATION.--Lat 32°47'45", long 103°08'20", Hydrologic Unit 12080003.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 12 in., depth 125 ft, cased to 90 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,660 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.40 ft above land-surface datum.
PERIOD OF RECORD.--November 1943 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.78 ft below land-surface datum, Jan. 15, 1944; lowest measured, 78.84 ft below land-surface datum, July 10, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 05	75.45	AUG 25	76.69

LINCOLN COUNTY

Hondo Valley

333241105341101 (formerly 333242105340701). Local number, 09S.14E.10.13221.
LOCATION.--Lat 33°32'41", long 105°34'11", Hydrologic Unit 13060008.
AQUIFER.--Mancos Shale of Late Cretaceous age.
WELL CHARACTERISTICS.--Drilled water-table municipal well, diameter 8 in., depth 324 ft, cased to 271 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,340 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of breather hole on west side of pump base, 1.00 ft above land-surface datum.
PERIOD OF RECORD.--June 1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.02 ft below land-surface datum, Feb. 26, 2001; lowest measured, 69.77 ft below land-surface datum, Nov. 28, 1956.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 28	36.62	MAR 03	36.73	JUL 22	37.74	AUG 20	37.78

Hondo Valley

332110105092501 (formerly 332157105094101). Local number, 11S.18E.15.33313.
LOCATION.--Lat 33°21'10", long 105°09'25", Hydrologic Unit 13060008.
AQUIFER.--Yeso Formation of Permian age.
WELL CHARACTERISTICS.--Drilled water-table domestic and stock well, diameter 12 in., depth 125 ft, cased to 110 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,989 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.50 ft above land-surface datum.
PERIOD OF RECORD.--October 1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.43 ft below land-surface datum, Aug. 18, 1988; lowest measured, 60.18 ft below land-surface datum, Jan. 15, 1959.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 04	50.55	AUG 20	48.05

LUNA COUNTY

Nutt-Hockett

322927107220101 (formerly 322930107221001). Local number, 21S.05W.08.444.
LOCATION.--Lat 32°29'27", long 107°22'01", Hydrologic Unit 13030202.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 435 ft, cased to 435 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,530 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in northeast side of pump shell, 1.60 ft above land-surface datum.
PERIOD OF RECORD.--November 1961 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 102.06 ft below land-surface datum, Jan. 17, 1962; lowest measured, 230.35 ft below land-surface datum, Jan. 3, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 03	230.35	JUN 24	PUMPING

Mimbres Valley

321352107493901. Local number, 24S.10W.12.431.
LOCATION.--Lat 32°13'52", long 107°49'39", Hydrologic Unit 13030202.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Dug and drilled water-table unused well, diameter 36 in., reported depth 132 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,363 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelter shelf, 3.20 ft above land-surface datum.
REMARKS.--Recorder removed.
PERIOD OF RECORD.--April 1939 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.61 ft below land-surface datum, May 6-13, 1940; lowest measured, 124.73 ft below land-surface datum, July 24, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 25	112.46	DEC 26	111.39	FEB 24	111.28	APR 25	112.58	JUN 26	113.02	AUG 26	114.07
NOV 25	111.94	JAN 24	110.90	MAR 31	111.42	MAY 23	113.05	JUL 25	113.93		

Mimbres Valley

321328107565301 (formerly 321415107565501). Local number, 24S.11W.14.122.
LOCATION.--Lat 32°13'28", long 107°56'55", Hydrologic Unit 13030202.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 12 in., reported depth 350 ft, cased to 198 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,405 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. hole in pump base, 0.80 ft above land-surface datum.
PERIOD OF RECORD.--July 1951 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 107.66 ft below land-surface datum, Jan. 23, 1952; lowest measured, 228.00 ft below land-surface datum, May 11, 1956.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	OBSTRUC TIO	JUN 24	169.60

Mimbres Valley

321010107260201 (formerly 321015107260501). Local number, 25S.06W.02.111.
LOCATION.--Lat 32°10'10", long 107°26'02", Hydrologic Unit 13030202.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled artesian irrigation well, diameter 16 in., depth 235 ft, perforated 180-235 ft, gravel packed.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,090 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.30 ft above land-surface datum.
PERIOD OF RECORD.--May 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.45 ft below land-surface datum, Mar. 14, 1953; lowest measured, 117.66 ft below land-surface datum, Aug. 6, 1980.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	15.28	JUN 24	18.88

LUNA COUNTY—Continued

Mimbres Valley

320918107293301 (formerly 320915104294501). Local number, 25S.06W.07.211.
LOCATION.--Lat 32°09'18", long 107°29'33", Hydrologic Unit 13030202.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 230 ft, cased to 230 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,084.22 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in pump base, 1.20 ft above land-surface datum (since Jan. 15, 1966).
PERIOD OF RECORD.--January 1953 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 65.34 ft below land-surface datum, Mar. 14, 1953; lowest measured, 122.16 ft below land-surface datum, Aug. 13, 1970.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	78.66	JUN 24	78.80

Mimbres Valley

320647107490701. Local number, 25S.09W.19.31331.
LOCATION.--Lat 32°26'47", long 107°49'07", Hydrologic Unit 13030202.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 14 in., depth 240 ft, cased to 240 ft, perforated 80-240 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,248 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.00 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--July 1959 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 150.70 ft below land-surface datum, July 18, 1957; lowest measured, 229.90 ft below land-surface datum, July 5, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	159.60	JUN 24	205.70S

Mimbres Valley

315517107375001 (formerly 315525107374501). Local number, 27S.08W.35.122.
LOCATION.--Lat 31°55'17", long 107°37'50", Hydrologic Unit 13030202.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 12 to 8 in., depth 550 ft, cased to 550 ft, perforated 155-550 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,070 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.20 ft above land-surface datum.
PERIOD OF RECORD.--July 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.84 ft below land-surface datum, Mar. 16, 1953; lowest measured, 119.34 ft below land-surface datum, Aug. 3, 1981.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	74.83	JUN 24	75.24

Mimbres Valley

315903107424501 (formerly 315905107425001). Local number, 27S.09W.01.431.
LOCATION.--Lat 31°59'03", long 107°42'45", Hydrologic Unit 13030202.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 62 ft, cased to 62 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,135 ft above National Geodetic Vertical Datum of 1929. Measuring point: top edge of rectangular hole in pump base, 0.65 ft above land-surface datum.
PERIOD OF RECORD.--January 1954 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.61 ft below land-surface datum, Jan. 19, 1954; lowest measured, 48.07 ft below land-surface datum, July 11, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	40.70	JUN 24	41.02

LUNA COUNTY—Continued

Mimbres Valley

315009107352401. Local number, 28S.07W.30.443.
LOCATION.--Lat 31°50'09", long 107°35'24", Hydrologic Unit 13030202.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrrigation well, diameter 16 in., depth 1,000 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,013 ft above National Geodetic Vertical Datum of 1929. Measuring point: notch in casing, east side at land surface.
PERIOD OF RECORD.--February 1966 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.20 ft below land-surface datum, Jan. 31, 1992; lowest measured, 22.18 ft below land-surface datum, June 24, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 30	22.00	JUN 24	22.18

McKINLEY COUNTY

San Juan Basin

352023107473201. Local number, 13N.09W.21.4123.
LOCATION.--Lat 35°20'23", long 107°47'32", Hydrologic Unit 13020207.
AQUIFER.--Morrison Formation.
WELL CHARACTERISTICS.--Drilled water-table unused stock well, diameter 6 in., depth 155 ft, cased to 155 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,785 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.80 ft above land-surface datum.
PERIOD OF RECORD.--July 1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 58.30 ft below land-surface datum, Feb. 22, 1978; lowest measured, 144.80 ft below land-surface datum, Dec. 8, 1955.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 14	111.73	AUG 11	113.82

San Juan Basin

353645108011501. Local number, 16N.11W.17.4322.
LOCATION.--Lat 35°36'45", long 108°01'15", Hydrologic Unit 14080106.
AQUIFER.--Gallup Sandstone.
WELL CHARACTERISTICS.--Drilled water-table well, diameter 6 5/8 in., depth 570 ft, cased to 570 ft, perforated 470-570 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 7,070 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.53 ft above land-surface datum.
REMARKS.--"V" indicates foreign substance was present on surface of water.
PERIOD OF RECORD.--July 1959 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 246.27 ft below land-surface datum, Feb. 29, 2000; lowest measured, 318.28 ft below land-surface datum, July 21, 1982.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 13	289.37V	AUG 13	288.33

San Juan Basin

353521108284901. Local number, 16N.16W.25.142.
LOCATION.--Lat 35°35'21", long 108°28'49", Hydrologic Unit 15020006.
AQUIFER.--Entrada Sandstone.
WELL CHARACTERISTICS.--Drilled water-table well, diameter 8 3/4 in., depth 1,052 ft, cased to 1,052 ft, perforated 628-896, 974-1,033 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 7,115 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in cover plate, 0.80 ft above land-surface datum.
REMARKS.--"P" indicates well pumping; "R" indicates well recently pumped.
PERIOD OF RECORD.--October 1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 125.55 ft below land-surface datum, Feb. 2, 1995; lowest measured, 183.05P ft below land-surface datum, Feb. 25, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
APR 30	140.17P	AUG 13	139.28R

McKINLEY COUNTY—Continued

San Juan Basin

354235108170702. Local number, 17N.14W.13.1144B.
LOCATION.--Lat 35°42'35", long 108°17'07", Hydrologic Unit 14080106.
AQUIFER.--Morrison Sandstone.
WELL CHARACTERISTICS.--Drilled water-table well, diameter 8 5/8 in. 0-2,225 ft, total depth 2,225 ft. Perforated 1,820-2,225 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,757.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/8-in. plug, 1.70 ft above land-surface datum.
PERIOD OF RECORD.--August 1982 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 239.00 ft below land-surface datum, Aug. 13, 2003; lowest measured, 350.38 ft below land-surface datum, Oct. 8, 1986.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 13	239.63	AUG 13	239.00

San Juan Basin

354235108170703. Local number, 17N.14W.13.1144C.
LOCATION.--Lat 35°42'35", long 108°17'07", Hydrologic Unit 14080106.
AQUIFER.--Dakota Sandstone.
WELL CHARACTERISTICS.--Drilled water-table well, diameter 8 5/8 in. 0-54 ft, 6 5/8 in. 54-1,728 ft. Perforated 1,587-1,728 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,757.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/8-in. plug, 0.80 ft above land-surface datum.
PERIOD OF RECORD.--August 1982 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.21 ft below land-surface datum, Aug. 4, 1982; lowest measured, 123.93 ft below land-surface datum, Sept. 4, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 13	123.73	AUG 13	123.82

OTERO COUNTY

Tularosa-Alamogordo Area

330321106011101 (formerly 330324106011201). Local number, 14S.10E.31.144.
LOCATION.--Lat 33°03'18", long 106°01'08", Hydrologic Unit 13050003.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, depth 230 ft, diameter 17 in., casing 0-130 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,450 ft above National Geodetic Vertical Datum of 1929. Measuring point: top edge of 1-in. hole in pump base, 0.70 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--April 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 73.75 ft below land-surface datum, Apr. 8, 1952; lowest measured, 134.21 ft below land-surface datum, Aug. 3, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 13	97.43	JUL 24	105.53

Penasco Valley

325115105321401. Local number, 17S.14E.08.12111.
LOCATION.--Lat 32°51'15", long 105°32'14", Hydrologic Unit 13060010.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 8 in., cased 0-120 ft, perforated 35-120 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,850.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.50 feet above land surface.
PERIOD OF RECORD.--March 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.53 ft below land-surface datum, Aug. 23, 2001; lowest measured, 45.13 ft below land-surface datum, July 22, 1957.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL
AUG 21	29.91

OTERO COUNTY—Continued

Crow Flats Basin

(Salt Basin)

320657105061501. Local number, 25S.18E.21.233.
LOCATION.--Lat 32°06'57", long 105°06'15", Hydrologic Unit 13050004.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth unknown.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,690 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.50 ft above land-surface datum.
PERIOD OF RECORD.--April 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 68.80 ft below land-surface datum, Apr. 20, 1956; lowest measured, 101.55 ft below land-surface datum, Sept. 15, 1983.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05	97.18	AUG 26	100.17

Crow Flats Basin

(Salt Basin)

320138105063101 (formerly 320650105034801). Local number, 26S.18E.21.331.
LOCATION.--Lat 32°01'38", long 105°06'31", Hydrologic Unit 13050004.
AQUIFER.--Bolson deposits.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 18 in., depth 544 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,655 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.50 ft above land-surface datum.
PERIOD OF RECORD.--January 1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.08 ft below land-surface datum, Jan. 8, 1973; lowest measured, 82.94 ft below land-surface datum, Aug. 17, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05	65.89	AUG 26	76.82

Crow Flats Basin

(Salt Basin)

320008105064501. Local number, 26S.18E.33.133.
LOCATION.--Lat 32°00'08", long 105°06'45", Hydrologic Unit 13050004.
AQUIFER.--Bone Spring Limestone.
WELL CHARACTERISTICS.--Drilled water-table used irrigation well, diameter 14 in., depth 435 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,620 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.80 ft above land-surface datum.
PERIOD OF RECORD.--February 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.50 ft below land-surface datum, Feb. 15, 1956; lowest measured, 67.80 ft below land-surface datum, Aug. 26, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 05	PUMPING	AUG 26	67.80

QUAY COUNTY

House Area

343848103555801. Local number, 05N.28E.23.222232.
LOCATION.--Lat 34°38'48", long 103°55'58", Hydrologic Unit 13060004.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table stock well, diameter 6 in., depth 93.5 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,788 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, west side, 2.00 ft above land-surface datum.
REMARKS.--"R" indicates well recently pumped.
PERIOD OF RECORD.--January 1968 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.50 ft below land-surface datum, Sept. 15, 1994; lowest measured, 84.22R ft below land-surface datum, Feb. 18, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 19	74.93	JUL 07	74.79

QUAY COUNTY—Continued

House Area

343855103482901 (formerly 343810103463001). Local number, 05N.30E.18.331311.
LOCATION.--Lat 34°38'55", long 103°48'29", Hydrologic Unit 13060004.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 75 ft, cased to 60 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,630 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of concrete pump base, 0.50 ft above land-surface datum.
PERIOD OF RECORD.--May 1944 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.76 ft below land-surface datum, Mar. 28, 1946; lowest measured, 51.49 ft below land-surface datum, Aug. 11, 1969.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 1	PUMPING	JUL 07	46.30

House Area

344406103555501. Local number, 06N.28E.13.33333.
LOCATION.--Lat 34°44'06", long 103°55'55", Hydrologic Unit 13060004.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled domestic well, diameter 16 in., depth 131 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,816 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/4-in. hole in cover plate, 0.40 ft above land-surface datum.
PERIOD OF RECORD.--January 1948 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 100.47 ft below land-surface datum, Jan. 20, 1948; lowest measured, 120.20 ft below land-surface datum, Sept. 24, 1996.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 19	119.80	JUL 07	119.82

Lower Canadian

351040103433602. Local number, 11N.30E.14.144D.
LOCATION.--Lat 35°10'40", long 104°43'36", Hydrologic Unit 11080006.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused test well, diameter 6 in., depth 295 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,080 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1.5-in. pipe extension, 4.20 ft above land-surface datum.
PERIOD OF RECORD.--July 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.20 ft below land-surface datum, Sept. 9, 1963; lowest measured, 137.66 ft below land-surface datum, Dec. 16, 1952.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	46.40	JUL 09	67.46

Northern High Plains

353239103111301. Local number, 15N.35E.11.21222.
LOCATION.--Lat 35°32'39", long 103°11'13", Hydrologic Unit 11080006.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 12 in., depth 175 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,126 ft above National Geodetic Vertical Datum of 1929. Measuring point: 2 $\frac{1}{2}$-in. hole, in east side of casing, 1.20 ft above land-surface datum.
PERIOD OF RECORD.--July 1971 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.83 ft below land-surface datum, July 26, 1995; lowest measured, 114.67 ft below land-surface datum, Feb. 5, 1974.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	91.75	JUL 09	91.78

QUAY COUNTY—Continued

Northern High Plains

354238103132301. Local number, 17N.35E.16.221.
LOCATION.--Lat 35°42'38", long 103°13'23", Hydrologic Unit 11090101.
AQUIFER.--Dakota Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter unknown, depth 250 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,465 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in south side of pump base, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--October 1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 159.30 ft below land-surface datum, Apr. 10, 1991; lowest measured, 171.59 ft below land-surface datum, Sept. 19, 1988.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	164.68	JUL 09	160.52

ROOSEVELT COUNTY

Portales Valley

341014103264401. Local number, 01S.33E.35.434344.
LOCATION.--Lat 34°10'14", long 103°26'44", Hydrologic Unit 12050002.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 16 in., depth 84 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,066 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of recorder shelter apron, 3.24 ft above land-surface datum.
PERIOD OF RECORD.--April 1996 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 66.37 ft below land-surface datum, Apr. 25, 1996; lowest measured, 69.04 ft below land-surface datum, July 8, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 19	68.81	JUL 08	69.04

Portales Valley

341037103254501. Local number, 01S.33E.36.23111.
LOCATION.--Lat 34°10'37", long 103°25'45", Hydrologic Unit 12050002.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 18 in., depth 105 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,048 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.95 ft above land-surface datum.
PERIOD OF RECORD.--January 1952 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.19 ft below land-surface datum, Jan. 25, 1952; lowest measured, 96.85 ft below land-surface datum, July 8, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 19	94.95	JUL 08	96.85

Portales Valley

340753103083101. Local number, 02S.36E.14.311111.
LOCATION.--Lat 34°07'53", long l03°08'31", Hydrologic Unit 12050001.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 16 in., depth 151 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,938 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.00 ft above land-surface datum.
REMARKS.--"R" indicates well recently pumped.
PERIOD OF RECORD.--January 1975 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.37 ft above land-surface datum, Jan. 6, 1975; lowest measured, 124.50R ft below land-surface datum, Aug. 13, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 21	113.95	JUL 08	118.78R

ROOSEVELT COUNTY—Continued

Portales Valley

340844103055001. Local number, 02S.37E.07.432222.
LOCATION.--Lat 34°08'44", long 103°05'50", Hydrologic Unit 12050001.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 13.5 in., depth 204 ft, cased to 204 ft, perforated 151-204 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,982 ft above National Geodetic Vertical Datum of 1929. Measuring point: edge of recorder shelter, 3.00 ft above land-surface datum.
REMARKS.--Records fair. Several days of records lost due to broken float tape. "S" indicates nearby well pumping.
PERIOD OF RECORD.--June 1992 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 103.78 ft below land-surface datum, June 2, 1992; lowest measured, 144.27 ft below land-surface datum, June 19, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 01	141.58	NOV 06	137.10	DEC 19	136.64	JAN 15	136.02	FEB 21	139.98	JUL 08	141.58S

Causey-Lingo Area

334700103030601 (formerly 335655103032001). Local number, 06S.38E.21.233131.
LOCATION.--Lat 33°47'00", long 103°03'11", Hydrologic Unit 12050001.
AQUIFER.--Undifferentiated Cretaceous rocks.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 140 ft, cased to 140 ft, casing slotted 100-140 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 3,939 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. hole in north side of pump, 2.10 ft above land-surface datum.
REMARKS.--"P" indicates well pumping.
PERIOD OF RECORD.--January 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87.18 ft below land-surface datum, Jan. 13, 1956; lowest measured, 115.21P ft below land-surface datum, Aug. 11, 1976.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 19	94.29	JUL 08	95.33

SANDOVAL COUNTY

Bernalillo Area

352121106285501 (formerly 352235106282401). Local number, 13N.04E.12.112.
LOCATION.--Lat 35°21'21", long 106°28'55", Hydrologic Unit 13020201.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 12 in., depth 50 ft, cased.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,117 ft above National Geodetic Vertical Datum of 1929. Measuring point: lower inside edge of hole in south side of casing, 0.45 ft above land-surface datum.
PERIOD OF RECORD.--January 1976 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.57 ft below land-surface datum, July 18, 1991; lowest measured, 25.27 ft below land-surface datum, Jan. 31, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	25.15	AUG 18	23.75

Corrales Area

351319106373501. Local number, 12N.03E.33.414A.
LOCATION.--Lat 35°13'19", long 106°37'35", Hydrologic Unit 13020204.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 60 ft, screened interval 30-50 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,003 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. casing, 0.56 ft below land-surface datum.
PERIOD OF RECORD.--March 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.72 ft below land-surface datum, Nov. 1, 1995; lowest measured, 12.18 ft below land-surface datum, Aug. 12, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	11.53	AUG 12	12.18

SANDOVAL COUNTY—Continued

Corrales Area

351319106373502. Local number, 12N.03E.33.414B.
LOCATION.--Lat 35°13'19", long 106°37'35", Hydrologic Unit 13020204.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 270 ft, screened interval 220-260 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,003 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. casing, 0.65 ft below land-surface datum.
PERIOD OF RECORD.--March 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.31 ft below land-surface datum, May 5, 1995; lowest measured, 31.44 ft below land-surface datum, Aug. 12, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	28.12	AUG 12	31.44

Corrales Area

351319106373503. Local number, 12N.03E.33.414C.
LOCATION.--Lat 35°13'19", long 106°37'35", Hydrologic Unit 13020204.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 120 ft, screened interval 90-110 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,003 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. casing, 0.47 ft below land-surface datum.
PERIOD OF RECORD.--March 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.10 ft below land-surface datum, Nov. 1, 1995; lowest measured, 16.31 ft below land-surface datum, Aug. 12, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	15.04	AUG 12	16.31

Corrales Area

351319106373504. Local number, 12N.03E.33.414D.
LOCATION.--Lat 35°13'19", long 106°37'35", Hydrologic Unit 13020204.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 400 ft, screened interval 350-390 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,003 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. casing, 0.52 ft below land-surface datum.
PERIOD OF RECORD.--March 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.29 ft below land-surface datum, Mar. 31, 1995; lowest measured, 41.23 ft below land-surface datum, Aug. 12, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	37.24	AUG 12	41.23

Corrales Area

351319106373505. Local number, 12N.03E.33.414E.
LOCATION.--Lat 35°13'19", long 106°37'35", Hydrologic Unit 13020204.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 800 ft, screened interval 710-790 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,003 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. casing, 0.65 ft below land-surface datum.
PERIOD OF RECORD.--March 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.00 ft below land-surface datum, May 5, 1995; lowest measured, 60.97 ft below land-surface datum, Aug. 12, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	55.36	AUG 12	60.97

SANDOVAL COUNTY—Continued

Corrales Area

351319106373506. Local number, 12N.03E.33.414F.
LOCATION.--Lat 35°13'19", long 106°37'35", Hydrologic Unit 13020204.
AQUIFER.--Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 1,470 ft, screened interval 1,360-1,460 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,003 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1-in. casing, 0.61 ft below land-surface datum.
PERIOD OF RECORD.--March 1995 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.27 ft below land-surface datum, Mar. 31, 1995; lowest measured, 64.61 ft below land-surface datum, Aug. 12, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	59.31	AUG 12	64.61

SAN JUAN COUNTY

San Juan Basin

364744108225001. Local number, 30N.15W.23.4411.
LOCATION.--Lat 36°47'44", long 108°22'50", Hydrologic Unit 14080105.
AQUIFER.--Pictured Cliffs Sandstone.
WELL CHARACTERISTICS.--Drilled water-table well, diameter 5 in., depth 729.5 ft, cased to 729.5 ft, perforated 613-729.5 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,290 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--February 1978 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 123.75 ft below land-surface datum, Feb. 21, 1978; lowest measured, 184.89 ft below land-surface datum, Aug. 13, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 19	180.07	AUG 13	184.89

SAN MIGUEL COUNTY

Las Vegas Area

353346105145201. Local number, 15N.16E.04.242.
LOCATION.--Lat 35°33'46", long 105°14'52", Hydrologic Unit 13060001.
AQUIFER.--Santa Rosa Sandstone.
WELL CHARACTERISTICS.--Drilled water-table municipal well, diameter 10 in. 0-612 ft, 7 in. 612-772 ft, depth 815 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,462 ft above National Geodetic Vertical Datum of 1929. Measuring point: entry port, west side of pump base, 1.95 ft above land-surface datum.
PERIOD OF RECORD.--December 1999 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.82 ft below land-surface datum, Dec. 15, 1999; lowest measured, 50.82 ft below land-surface datum, July 10, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 26	47.09	JUL 10	50.82

Las Vegas Area

353418105145601. Local number, 16N.16E.33.143.
LOCATION.--Lat 35°34'18", long 105°14'56", Hydrologic Unit 13060001.
AQUIFER.--Santa Rosa Sandstone.
WELL CHARACTERISTICS.--Drilled water-table municipal well, diameter 10 in. 0-596 ft, 8 in. 596-824 ft, depth 829 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,477 ft above National Geodetic Vertical Datum of 1929. Measuring point: entry port, west side of pump base, 1.95 ft above land-surface datum.
PERIOD OF RECORD.--December 1999 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 79.81 ft below land-surface datum, July 27, 2001; lowest measured, 112.40 ft below land-surface datum, July 10, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 26	108.99	JUL 10	112.40

SANTA FE COUNTY

Estancia Valley

350534106024801 (formerly 350525106025001). Local number, 10N.08E.13.1332.
LOCATION.--Lat 35°05'34", long 106°02'53", Hydrologic Unit 13050001.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., reported depth 513 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,274 ft above National Geodetic Vertical Datum of 1929. Measuring point: lower inside edge of hole in south side of casing, 0.45 ft above land-surface datum.
REMARKS.--"P" indicates well pumping.
PERIOD OF RECORD.--February 1950 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 86.75 ft below land-surface datum, Feb. 22, 1950; lowest measured, 181.55P ft below land-surface datum, Aug. 4, 1969.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 10	163.19	SEP 02	176.46

Estancia Valley

350344106004601 (formerly 350340106005001). Local number, 10N.09E.29.1334.
LOCATION.--Lat 35°03'45", long 106°00'46", Hydrologic Unit 13050001.
AQUIFER.--Glorieta Sandstone of Permian age.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 14 in., reported depth 200 ft, cased to 140 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,248 ft above National Geodetic Vertical Datum of 1929. Measuring point: top edge of 3-in. pipe on north side of pump, 1.30 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
PERIOD OF RECORD.--February 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.00 ft below land-surface datum, May 4, 1949; lowest measured, 146.28S ft below land-surface datum, Sept. 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 10	132.04	SEP 02	146.28S

Estancia Valley

350859106002901. Local number, 11N.09E.29.143.
LOCATION.--Lat 35°08'59", long 106°00'29", Hydrologic Unit 13050001.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 15 in., depth unknown.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,274 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.80 ft above land-surface datum.
PERIOD OF RECORD.--July 1986 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 125.93 ft below land-surface datum, Apr. 1, 1987; lowest measured, 149.00 ft below land-surface datum, Sept. 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 24	148.60	SEP 02	149.00

Santa Fe Area

353636106021001. Local number, 16N.08E.13.444.
LOCATION.--Lat 35°36'36", long 106°02'10", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled domestic well, diameter 6 $\frac{1}{2}$ in., depth 337 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,400 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.70 ft above land-surface datum.
PERIOD OF RECORD.--February 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 256.04 ft below land-surface datum, Jan. 20, 1982; lowest measured, 264.79 ft below land-surface datum, Aug. 15, 1997.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 28	264.04	JUL 11	264.30

SANTA FE COUNTY—Continued

Santa Fe Area

353516106035801. Local number, 16N.08E.26.32112.
LOCATION.--Lat 35°35'16", long 106°03'58", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 10 in., depth 160 ft, cased to 160 ft, perforated 125-160 ft.
INSTRUMENTATION.--Digital recorder, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 6,285 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.25 ft above land-surface datum.
REMARKS.--Records good, except for July 18 to Aug. 22, which are missing due to recorder malfunction.
PERIOD OF RECORD.--July 1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 125.62 ft below land-surface datum, June 11, 1973; lowest measured, 132.54 ft below land-surface datum, July 18, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	131.00	130.77	130.84	130.92	130.93	131.12	131.07	131.20	131.24	131.26	---	131.34
10	130.92	130.79	130.80	130.94	130.99	131.05	131.12	131.28	131.24	131.23	---	131.37
15	130.84	130.80	130.86	130.96	131.07	131.06	131.09	131.12	131.27	131.31	---	131.30
20	130.84	130.80	130.82	130.95	131.01	131.11	131.17	131.21	131.25	---	---	131.30
25	130.83	130.78	130.92	130.93	131.01	131.17	131.17	131.25	131.34	---	131.34	131.29
EOM	130.79	130.81	130.88	130.96	131.07	131.09	131.18	131.24	131.23	---	131.36	131.32

WTR YR 2003 HIGHEST 130.01 FEB 13 LOWEST 132.54 JUL 18

Santa Fe Area

353735105581201 (formerly 353753105580501). Local number, 16N.09E.10.42114.
LOCATION.--Lat 35°37'53", long 105°58'05", Hydrologic Unit 13020201.
AQUIFER.--Ancha Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled domestic well, diameter 6 in., depth 243 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,820 ft above National Geodetic Vertical Datum of 1929. Measuring point: $\frac{1}{2}$-in. plug in cover plate, 6.00 ft below land-surface datum.
REMARKS.--"V" indicates foreign substance was present on surface of water.
PERIOD OF RECORD.--August 1957 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 149.52 ft below land-surface datum, Dec. 11, 1957; lowest measured, 235.50V ft below land-surface datum, July 11, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 10	234.54V	JAN 23	235.50V	JUL 11	DRY

Santa Fe Area

354013105580601 (formerly 354005105574501). Local number, 17N.09E.27.441.
LOCATION.--Lat 35°40'13", long 105°58'06", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 8 in., depth 989 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,845 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.70 ft below land-surface datum.
REMARKS.--"R" indicates well recently pumped.
PERIOD OF RECORD.--December 1951 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 102.33 ft below land-surface datum, Dec. 27, 1951; lowest measured, 249.69R ft below land-surface datum, Aug. 30, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 20	244.91	JUL 11	246.84

SANTA FE COUNTY—Continued

Santa Fe Area

353945105574501. Local number, 17N.09E.35.1314A.
LOCATION.--Lat 35°39'45", long 105°57'45", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 1,952 ft, screened interval 1,917-1,922 ft.
INSTRUMENTATION.--Pressure transducer, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 6,880 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 2.60 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--October 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 86.73 ft below land-surface datum, Nov. 9, 1998; lowest measured, 98.52 ft below land-surface datum, Sept. 30, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	94.35	94.39	94.66	94.85	94.93	95.15	95.55	95.18	95.77	96.30	96.82	97.95
10	94.40	94.36	94.59	94.91	95.13	95.41	95.79	95.29	95.82	96.39	96.95	98.01
15	94.37	94.47	94.65	94.95	95.10	95.35	95.64	95.34	96.04	96.54	97.06	98.20
20	94.40	94.65	94.59	94.97	95.12	95.45	95.24	95.67	96.00	96.64	97.05	98.18
25	94.37	94.54	94.70	95.07	95.15	95.51	95.15	95.64	96.10	96.63	97.09	98.26
EOM	94.39	94.65	94.72	95.12	95.13	95.62	95.11	95.76	96.23	96.76	97.14	98.43

WTR YR 2003 HIGHEST 94.20 OCT 1 LOWEST 98.52 SEP 30

Santa Fe Area

353945105574502. Local number, 17N.09E.35.1314B.
LOCATION.--Lat 35°39'45", long 105°57'45", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 1,060 ft, screened interval 1,025-1,030 ft.
INSTRUMENTATION.--Pressure transducer, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 6,880 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 2.70 ft above land-surface datum.
REMARKS.--Records good, except for five days lost due to recorder malfunction.
PERIOD OF RECORD.--October 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 187.41 ft below land-surface datum, Mar. 2, 1999; lowest measured, 232.92 ft below land-surface datum, Sept. 6-7, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	227.19	227.24	227.55	227.81	227.65	227.24	227.20	226.29	227.33	229.07	230.51	232.72
10	227.20	227.19	227.64	227.84	227.63	227.28	227.17	226.41	227.63	229.37	230.71	232.75
15	227.19	227.36	227.69	227.84	227.53	227.32	227.15	226.59	227.95	229.64	230.87	232.57
20	227.24	227.47	227.70	227.83	227.24	226.92	225.64	226.73	228.18	229.94	231.02	232.42
25	227.12	227.53	227.75	227.79	227.42	227.21	225.98	227.08	228.39	230.17	231.17	232.39
EOM	227.11	227.57	227.74	227.81	227.28	227.33	226.07	227.02	228.80	230.39	231.31	232.40

WTR YR 2003 HIGHEST 225.59 APR 22 LOWEST 232.92 SEP 6-7

Santa Fe Area

353945105574503. Local number, 17N.09E.35.1314C.
LOCATION.--Lat 35°39'45", long 105°57'45", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitoring well, diameter 2 in., depth 780 ft, screened interval 669-674 ft.
INSTRUMENTATION.--Pressure transducer, 1-hour measurement.
DATUM.--Elevation of land-surface datum is 6,880 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 3.00 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--October 1998 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 240.00 ft below land-surface datum, Oct. 17, 1998; lowest measured, 350.60 ft below land-surface datum, Aug. 27, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	303.70	299.58	299.04	298.92	298.68	298.16	297.89	337.39	344.97	348.20	349.48	335.78
10	302.36	299.37	299.00	298.96	298.49	298.17	297.85	339.73	345.88	348.54	349.74	317.34
15	301.50	299.20	298.95	298.99	298.42	298.16	297.77	341.89	346.10	348.93	350.08	311.16
20	300.85	299.17	298.85	298.99	298.38	298.01	304.68	343.40	346.65	349.24	350.45	308.46
25	300.33	299.13	298.82	298.97	298.29	297.96	326.29	344.27	347.17	349.25	350.57	306.99
EOM	299.83	299.10	298.87	298.97	298.23	297.95	332.68	343.91	347.77	349.17	350.04	306.02

WTR YR 2003 HIGHEST 297.76 APR 16 LOWEST 350.60 AUG 27

SANTA FE COUNTY—Continued

Santa Fe Area

355000106092802. Local number, 19N.07E.36.3113B.
LOCATION.--Lat 35°50'00", long 106°09'28", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4.5 in., depth 824 ft, screened 802-812 ft.
INSTRUMENTATION.--Transducer and data logger, 1-hour measurements.
DATUM.--Elevation of land-surface datum is 5,540 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.80 ft above land-surface datum.
REMARKS.--Records fair, except for many days missing due to transducer oversubmergence.
PERIOD OF RECORD.--February 1999 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 321.57 ft below land-surface datum, Apr. 27, 2000; lowest measured, 519.10 ft below land-surface datum, Nov. 24, 1999.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	481.46	448.95	417.52	434.04	---	---	471.21	458.37	447.09	444.60	445.23	413.83
10	485.95	429.29	435.62	442.81	---	---	467.43	456.79	447.87	444.32	445.79	399.61
15	487.41	445.99	431.81	406.98	---	---	465.88	455.06	444.17	444.98	443.38	391.05
20	488.20	463.11	422.04	---	---	---	466.07	452.87	425.51	445.24	425.72	414.91
25	488.75	426.56	---	---	---	---	464.74	452.61	441.20	445.53	424.90	414.27
EOM	471.98	459.20	---	---	---	469.98	464.82	436.05	444.13	440.26	---	420.43

WTR YR 2003 HIGHEST 391.05 SEP 15 LOWEST 488.98 OCT 26-27

Santa Fe Area

355000106092803. Local number, 19N.07E.36.3113C.
LOCATION.--Lat 35°50'00", long 106°09'28", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of Santa Fe Group.
WELL CHARACTERISTICS.--Drilled artesian observation well, diameter 4.5 in., depth 356 ft, screened 324-334 ft.
INSTRUMENTATION.--Transducer and data logger, 1-hour measurements.
DATUM.--Elevation of land-surface datum is 5,540 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1.80 ft above land-surface datum.
REMARKS.--Records good.
PERIOD OF RECORD.--July 1997 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 214.06 ft below land-surface datum, May 4, 1999; lowest measured, 235.01 ft below land-surface datum, Aug. 25, 2003.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MINIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	232.78	232.59	233.21	232.92	232.99	233.10	233.25	233.61	233.83	234.13	234.32	234.28
10	232.83	232.79	232.77	233.09	233.22	233.47	233.64	233.58	233.90	234.22	234.49	233.87
15	232.85	232.57	233.01	232.58	233.13	233.35	233.42	233.73	233.95	234.26	234.63	233.37
20	232.85	233.10	232.79	233.10	233.16	233.31	233.65	233.97	234.19	234.32	234.34	234.15
25	232.81	232.61	233.13	233.21	233.19	233.41	233.58	233.81	233.94	234.24	234.58	234.35
EOM	232.84	233.07	231.95	233.26	233.05	233.61	233.55	233.88	234.16	234.32	233.95	234.51

WTR YR 2003 HIGHEST 231.90 JAN 1 LOWEST 235.01 AUG 25

Santa Fe Area

355002106093701. Local number, 19N.07E.35.4222A.
LOCATION.--Lat 35°50'02", long 106°09'37", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of the Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitor well, diameter 4 in., depth 300 ft, screen interval 274-284 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,480 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.50 ft above land-surface datum.
PERIOD OF RECORD.--January 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.96 ft below land-surface datum, Jan. 15, 1988; lowest measured, 186.62 ft below land-surface datum, Sept. 8, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	185.50	JAN 14	185.73	MAY 28	186.55	SEP 08	186.62
DEC 05	185.57	MAR 26	185.70	JUL 22	186.53		

SANTA FE COUNTY--Continued

Santa Fe Area

355002106093702. Local number, 19N.07E.35.4222B.
LOCATION.--Lat 35°50'02", long 106°09'37", Hydrologic Unit 13020201.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled monitor well, diameter 4 in., depth 170 ft, screen interval 149-159 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,480 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.70 ft above land-surface datum.
PERIOD OF RECORD.--January 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.44 ft below land-surface datum, Aug. 17, 1988; lowest measured, 18.79 ft below land-surface datum, Oct. 21, 1997. !

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	15.19	JAN 14	17.99	MAY 28	16.46	SEP 08	16.86
DEC 05	17.98	MAR 26	15.25	JUL 22	15.28		

Santa Fe Area

355002106093703. Local number, 19N.07E.35.4222C.
LOCATION.--Lat 35°50'02", long 106°09'37", Hydrologic Unit 13020201.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled monitor well, diameter 4 in., depth 60 ft, screen interval 40-50 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,480 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.80 ft above land-surface datum.
PERIOD OF RECORD.--January 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.88 ft below land-surface datum, June 23, 1999; lowest measured, 17.72 ft below land-surface datum, Sept. 8, 2003. !

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	17.58	JAN 14	17.39	MAY 28	16.81	SEP 08	17.72
DEC 05	17.44	MAR 26	17.12	JUL 22	17.38		

Santa Fe Area

355003106094301. Local number, 19N.07E.35.4212A.
LOCATION.--Lat 35°50'03", long 106°09'43", Hydrologic Unit 13020201.
AQUIFER.--Tesuque Formation of the Santa Fe Group.
WELL CHARACTERISTICS.--Drilled monitor well, diameter 4 in., depth 304 ft, screen interval 260-270 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,470 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.80 ft above land-surface datum.
PERIOD OF RECORD.--January 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.86 ft below land-surface datum, Jan. 15, 1988; lowest measured, 156.00 ft below land-surface datum, Sept. 8, 2003. !

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	154.45	JAN 14	155.30	MAY 28	155.80	SEP 08	156.00
DEC 05	155.34	MAR 26	154.64	JUL 22	155.42		

Santa Fe Area

355003106094302. Local number, 19N.07E.35.4212B.
LOCATION.--Lat 35°50'03", long 106°09'43", Hydrologic Unit 13020201.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled monitor well, diameter 4 in., depth 130 ft, screen interval 110-120 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,470 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.50 ft above land-surface datum.
PERIOD OF RECORD.--January 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.30 ft above land-surface datum, Aug. 17, 1988; lowest measured, 6.40 ft below land-surface datum, Feb. 8, 2000. !

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	4.14	JAN 14	5.74	MAY 28	4.71	SEP 08	5.70
DEC 05	5.88	MAR 26	4.17	JUL 22	4.02		

SANTA FE COUNTY--Continued

Santa Fe Area

355003106094303. Local number, 19N.07E.35.4212C.
LOCATION.--Lat 35°50'03", long 106°09'43", Hydrologic Unit 13020201.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled monitor well, diameter 4 in., depth 60 ft, screen interval 40-50 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,470 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.80 ft above land-surface datum.
PERIOD OF RECORD.--January 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.45 ft below land-surface datum, Oct. 21, 1997; lowest measured, 13.05 ft below land-surface datum, Sept. 8, 2003. !

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	12.98	JAN 14	12.78	MAY 28	12.04	SEP 08	13.05
DEC 05	12.83	MAR 26	12.52	JUL 22	12.64		

Santa Fe Area

355006106094803. Local number, 19N.07E.35.4122C.
LOCATION.--Lat 35°50'06", long 106°09'48", Hydrologic Unit 13020201.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled monitor well, diameter 4 in., depth 74 ft, screen interval 49-59 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 5,455 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of steel casing, 1.90 ft above land-surface datum.
PERIOD OF RECORD.--January 1988 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.29 ft below land-surface datum, June 24, 1997; lowest measured, 5.96 ft below land-surface datum, Dec. 5, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 28	5.95	JAN 14	5.95	MAY 28	4.93	SEP 08	5.92
DEC 05	5.96	MAR 26	5.52	JUL 22	5.33		

SIERRA COUNTY

Hot Springs Area

331002107150001. Local number, 13S.04W.21.213.
LOCATION.--Lat 33°10'02", long 107°15'00", Hydrologic Unit 13030101.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 13 in., depth unknown.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,355 ft above National Geodetic Vertical Datum of 1929. Measuring point: 1-in. hole in west side of pump base, and 1.50 ft above land-surface datum.
PERIOD OF RECORD.--February 1972 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.54 ft below land-surface datum, Feb. 28, 1997; lowest measured, 65.56 ft below land-surface datum, Feb. 25, 1972.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 04	49.31	JUL 24	50.62

Hot Springs Area

325921107185101 (formerly 325550107184001). Local number, 15S.05W.24.312.
LOCATION.--Lat 32°59'21", long 107°18'51", Hydrologic Unit 13030101.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth and casing information not available.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,279 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.20 ft above land-surface datum.
PERIOD OF RECORD.--May 1974 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.97 ft below land-surface datum, July 27, 1992; lowest measured, 47.49 ft below land-surface datum, July 26, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 04	44.35	JUL 24	45.19

SIERRA COUNTY—Continued

Rincon Valley

325340107183001 (formerly 325350107175501). Local number, 16S.05W.25.211.
LOCATION.--Lat 32°53'40", long 107°18'30", Hydrologic Unit 13030102.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 10 in., depth 32 ft, cased to 32 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,198 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 3.00 ft above land-surface datum.
PERIOD OF RECORD.--January 1961 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.29 ft below land-surface datum, Feb. 12, 1987; lowest measured, 25.95 ft below land-surface datum, Jan. 6, 1966.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 04	24.10	JUL 24	24.86

TAOS COUNTY

Sunshine Valley

365035105360501 (formerly 365036105353301). Local number, 30N.13E.18.1121.
LOCATION.--Lat 36°50'35", long 105°36'05", Hydrologic Unit 13020101.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table observation well, diameter 10 in., depth 500 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 7,597 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.00 ft above land-surface datum.
PERIOD OF RECORD.--September 1973 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.50 ft below land-surface datum, Jan. 16, 1994; lowest measured, 77.33 ft below land-surface datum, Aug. 9, 1978.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 30	70.39	DEC 02	70.46	FEB 20	70.53	JUL 11	71.00

Sunshine Valley

365644105363501 (formerly 365650105370001). Local number, 01S.74W.24.244.
LOCATION.--Lat 36°56'44", long 105°36'35", Hydrologic Unit 13020101.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 270 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 7,628 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 3.00 ft above land-surface datum.
PERIOD OF RECORD.--June 1955 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 182.78 ft below land-surface datum, Jan. 17, 1996; lowest measured, 213.53 ft below land-surface datum, Aug. 10, 1965.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 20	184.20	JUL 11	185.24

TORRANCE COUNTY

Estancia Valley

343443106024401. Local number, 04N.09E.07.334.
LOCATION.--Lat 34°34'43", long 106°02'44", Hydrologic Unit 13050001.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 16 in., reported depth 163 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,118 ft above National Geodetic Vertical Datum of 1929. Measuring point: hole in northwest side of pump base, 1.50 ft above land-surface datum.
PERIOD OF RECORD.--February 1956 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.70 ft below land-surface datum, Feb. 10, 1958; lowest measured, 110.90 ft below land-surface datum, Aug. 3, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 10	102.48	SEP 02	PUMPING

TORRANCE COUNTY—Continued

Estancia Valley

344016106070901 (formerly 344016106064701). Local number, 05N.08E.08.424.
LOCATION.--Lat 34°40'16", long 106°07'09", Hydrologic Unit 13050001.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., reported depth 204 ft, cased to 98 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,218 ft above National Geodetic Vertical Datum of 1929. Measuring point: 3/4-in. plug in south side of discharge pipe, 1.80 ft above land-surface datum.
PERIOD OF RECORD.--March 1948 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.03 ft below land-surface datum, Mar. 23, 1948; lowest measured, 140.89 ft below land-surface datum, Sept. 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 10	133.08	SEP 02	140.89

Estancia Valley

344234106070601 (formerly 344234106074901). Local number, 06N.08E.32.212.
LOCATION.--Lat 34°42'34", long 106°07'06", Hydrologic Unit 13050001.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 18 in., reported depth 209 ft, cased to 84 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,174 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 1 $\frac{1}{2}$-in. hole in pump base, 0.04 ft above land-surface datum.
PERIOD OF RECORD.--February 1947 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.22 ft below land-surface datum, Feb. 18, 1947; lowest measured, 97.74 ft below land-surface datum, Sept. 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 10	92.44	SEP 02	97.74

Estancia Valley

344604105574601 (formerly 344622105575501). Local number, 06N.09E.11.211.
LOCATION.--Lat 34°46'04", long 105°57'46", Hydrologic Unit 13050001.
AQUIFER.--Valley fill.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 18 in., reported depth 148 ft, cased to 140 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,086 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.75 ft above land-surface datum.
PERIOD OF RECORD.--May 1949 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.07 ft below land-surface datum, May 4, 1949; lowest measured, 43.26 ft below land-surface datum, Sept. 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 23	32.90	SEP 02	43.26

Estancia Valley

344842106032701. Local number, 07N.08E.25.121.
LOCATION.--Lat 34°48'43", long 106°03'22", Hydrologic Unit 13050001.
AQUIFER.--Alluvium.
WELL CHARACTERISTICS.--Drilled water-table unused irrigation well, diameter 16 in., depth 200 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,131 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 0.00 ft above land-surface datum.
PERIOD OF RECORD.--February 1962 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.30 ft below land-surface datum, Feb. 7, 1962; lowest measured, 75.71 ft below land-surface datum, Sept. 2, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
JAN 23	67.45	SEP 02	75.71

UNION COUNTY

Clayton Area

355144103041201 (formerly 360940103083501). Local number, 19N.36E.23.2444.
LOCATION.--Lat 35°51'44", long 103°04'12", Hydrologic Unit 11090102.
AQUIFER.--Dakota and Purgatoire Formations.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 14 in., depth 206 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,326 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.00 ft above land-surface datum.
REMARKS.--"S" indicates nearby well pumping.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 145.22 ft below land-surface datum, Mar. 17, 1971; lowest measured, 158.58S ft below land-surface datum, Aug. 19, 1987.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	151.80	JUL 09	151.86

Clayton Area

361847103064701 (formerly 361910103170501). Local number, 24N.36E.17.244.
LOCATION.--Lat 36°18'47", long 103°06'47", Hydrologic Unit 11090103.
AQUIFER.--Ogallala Formation.
WELL CHARACTERISTICS.--Drilled water-table unused well, diameter 20 in., depth 231 ft.
INSTRUMENTATION.--Continuous strip-chart recorder removed. Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,707 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 1.95 ft above land-surface datum.
PERIOD OF RECORD.--May 1968 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.38 ft below land-surface datum, May 8, 1968; lowest measured, 107.00 ft below land-surface datum, July 10, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
FEB 28	106.64	JUL 10	107.00

Clayton Area

362540103095001. Local number, 25N.35E.02.441.
LOCATION.--Lat 36°25'40", long 103°09'50", Hydrologic Unit 11090103.
AQUIFER.--Ogalalla Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter unknown, depth 185 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,984 ft above National Geodetic Vertical Datum of 1929. Measuring point: plugged hole in pump base, 1.70 ft above land-surface datum.
PERIOD OF RECORD.--December 1965 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 91.14 ft below land-surface datum, Jan. 9, 1989; lowest measured, 106.85 ft below land-surface datum, Feb. 2, 1971.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	94.95	JUL 10	94.18

Clayton Area

363410103064801. Local number, 27N.36E.17.434.
LOCATION.--Lat 36°34'10", long 103°06'48", Hydrologic Unit 11100101.
AQUIFER.--Ogalalla Formation.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 200 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 4,837 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, north side, 1.20 ft above land-surface datum.
PERIOD OF RECORD.--February 1967 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.16 ft below land-surface datum, Jan. 21, 1975; lowest measured, 102.09 ft below land-surface datum, July 9, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 28	101.90	JUL 09	102.09

UNION COUNTY—Continued

Capulin Area

364444104000201 (formerly 364430103595501). Local number, 29N.28E.18.341.
LOCATION.--Lat 36°44'44", long 104°00'02", Hydrologic Unit 11040001.
AQUIFER.--Cinders.
WELL CHARACTERISTICS.--Drilled water-table irrigation well, diameter 16 in., depth 78 ft.
INSTRUMENTATION.--Periodic steel-tape measurements.
DATUM.--Elevation of land-surface datum is 6,820.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: edge of 2-in. hole in west side of steel plate, at land-surface datum.
REMARKS.--"P" indicates well pumping.
PERIOD OF RECORD.--July 1951, August 1958 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.01 ft below land-surface datum, Feb. 8, 1974; lowest measured, 53.38P ft below land-surface datum, Aug. 7, 1985.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 27	35.35	JUL 10	34.30

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

EXPLANATION OF GEOLOGIC UNIT (AQUIFER) CODES
(LISTED FROM YOUNGEST TO OLDEST AGE, U-UPPER, M-MIDDLE, L-LOWER)

110 AVMB	Cenozoic, Quaternary, alluvium, bolson deposits, and other surface deposits
121 TSUQ	Cenozoic, Quaternary, Tesuque Formation, undifferentiated unit
112 SNTF	Cenozoic, Pleistocene, Santa Fe Formation
121OGLL	Cenozoic, Tertiary, Ogallala Formation
400 PCMB	Paleozoic, Precambrian, Precambrian Erathem

LOCAL IDENTIFIER.--Indicates location by New Mexico or Texas local well number. If area is not included in a public survey, location is by site name.

REMARKS.--Ground-water sites in this table are segregated by county, which appear alphabetically. The sites are then listed in ascending well numbers that are explained at the beginning of this report.

DONA ANA COUNTY

Local identifier	Station number	County	Station type	Date	Time	Geologic unit	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)
21S.04E.10.233	322947106311101	013	GW	10-10-02	1140	400PCMB	163	5,691.94	0.9	7.3
21S.04E.10.321	322943106312801	013	GW	10-10-02	1025	400PCMB	103	5,794.94	0.1	7.3
21S.04E.10.322A	322943106312301	013	GW	10-09-02	1010	400PCMB	155	5,755.18	--	7.0
21S.04E.10.324	322935106311801	013	GW	10-09-02	1520	400PCMB	135	5,679.70	0.8	7.0
21S.04E.10.411B	322941106311301	013	GW	10-09-02	1110	400PCMB	85	5,691.25	--	7.1
21S.04E.10.411C	322941106311502	013	GW	10-09-02	1200	400PCMB	80	5,687.96	--	7.3
21S.04E.10.411D	322939106311701	013	GW	10-09-02	1300	400PCMB	110	5,695.75	--	7.1
21S.04E.10.411E	322943106311401	013	GW	10-10-02	1330	400PCMB	100	5,699.34	4.4	7.1
21S.04E.10.411G	322944106311601	013	GW	10-10-02	1235	400PCMB	158	5,723.32	0.4	7.2
21S.04E.10.412	322943106310501	013	GW	10-10-02	1040	400PCMB	120	5,643.55	0.5	7.0
21S.04E.10.413A	322938106311601	013	GW	10-09-02	1350	400PCMB	120	5,689.92	--	7.2
21S.04E.10.413B	322933106310901	013	GW	10-10-02	1530	400PCMB	110	5,619.35	0.8	7.3
21S.04E.10.414A	322938106310801	013	GW	10-10-02	0945	400PCMB	102	5,642.92	5.0	7.2
21S.04E.10.414B	322937106310901	013	GW	10-09-02	1655	400PCMB	103	5,641.18	3.8	7.3
21S.04E.10.414C	322936106311001	013	GW	10-09-02	1605	400PCMB	110	5,641.49	3.0	7.2
21S.04E.10.414D	322937106310902	013	GW	10-09-02	1735	400PCMB	159	5,637.96	2.6	7.1
21S.04E.10.421	322939106305701	013	GW	10-10-02	1130	400PCMB	200	5,568.09	7.3	7.2
21S.04E.10.422	322940106305101	013	GW	10-11-02	1000	400PCMB	200	5,531.54	0.5	7.3
21S.04E.10.423	322935106310301	013	GW	10-10-02	1420	400PCMB	147	5,594.83	5.0	7.2
21S.04E.10.434	322924106310501	013	GW	10-10-02	1610	400PCMB	110	5,557.15	4.1	7.1
21S.04E.10.441	322932106305601	013	GW	10-11-02	1050	400PCMB	130	5,536.59	5.4	7.2
21S.04E.10.442	322927106305101	013	GW	10-11-02	1200	400PCMB	179	5,494.5	0.3	7.1
21S.04E.11.333	322923106304601	013	GW	10-11-02	1300	400PCMB	145	5,451.22	4.6	7.1
21S.04E.11.343	322924106302601	013	GW	10-11-02	1000	400PCMB	75	5,343.77	5.3	7.5
21S.04E.12.414	322938106291101	013	GW	07-07-03	1155	--	62	5,040	2.3	7.0
21S.04E.13.143	322857106292801	013	GW	10-09-02	1440	400PCMB	99	4,956.87	0.3	7.2
21S.04E.13.232	322901106290101	013	GW	04-09-03	1340	400PCMB	144.6	4,834.79	4.5	7.0
21S.04E.13.331	322837106294301	013	GW	10-11-02	1140	400PCMB	136.8	4,993.49	2.2	7.5

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Hard-ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Magnes-ium, water, unfltrd recover-able, mg/L (00927)	Potas-sium, water, fltrd, mg/L (00935)	Sodium adsorp-tion ratio (00931)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)
21S.04E.10.233	10-10-02	980	19.8	400	113	28.0	30.0	1.51	1	65.4	--
21S.04E.10.321	10-10-02	870	19.9	350	99.4	24.9	27.0	3.54	1	58.6	--
21S.04E.10.322A	10-09-02	907	19.7	390	112	27.9	30.0	1.29	1	62.3	--
21S.04E.10.324	10-09-02	664	20.3	280	80.7	18.9	20.0	2.54	1	46.3	--
21S.04E.10.411B	10-09-02	887	19.9	380	107	28.2	30.0	1.00	1	60.2	--
21S.04E.10.411C	10-09-02	850	19.7	360	101	26.4	28.0	1.22	1	58.2	--
21S.04E.10.411D	10-09-02	849	20.2	350	97.4	27.1	30.0	1.36	1	56.1	--
21S.04E.10.411E	10-10-02	990	19.9	400	116	28.0	30.0	1.06	1	63.7	--
21S.04E.10.411G	10-10-02	949	20.3	400	116	26.8	29.0	1.19	2	72.4	--
21S.04E.10.412	10-10-02	981	19.9	390	112	25.6	28.0	2.21	1	64.5	--
21S.04E.10.413A	10-09-02	803	20.2	340	96.0	25.1	27.0	1.38	1	52.5	--
21S.04E.10.413B	10-10-02	879	20.6	350	100	23.6	22.0	1.88	1	56.1	--
21S.04E.10.414A	10-10-02	981	20.0	380	111	25.5	28.0	1.21	1	60.6	--
21S.04E.10.414B	10-09-02	923	20.1	390	112	25.7	28.0	0.79	1	60.6	--
21S.04E.10.414C	10-09-02	922	20.0	390	111	26.3	28.0	1.15	1	60.0	--
21S.04E.10.414D	10-09-02	919	20.2	370	107	24.9	27.0	1.41	1	63.4	--
21S.04E.10.421	10-10-02	916	21.1	360	102	26.7	28.0	1.08	1	60.4	--
21S.04E.10.422	10-11-02	921	20.9	360	103	24.6	22.0	3.26	2	65.7	--
21S.04E.10.423	10-10-02	977	20.5	390	113	25.8	27.0	1.51	1	60.4	--
21S.04E.10.434	10-10-02	831	19.7	330	96.6	21.6	20.0	1.77	1	54.3	--
21S.04E.10.441	10-11-02	848	20.5	330	95.3	21.5	20.0	1.01	1	58.5	--
21S.04E.10.442	10-11-02	737	21.0	300	84.7	21.8	21.0	2.33	1	41.8	--
21S.04E.11.333	10-11-02	830	20.4	310	90.6	19.8	19.0	0.96	1	59.3	--
21S.04E.11.343	10-11-02	881	20.1	320	95.7	20.0	18.0	0.91	2	62.9	--
21S.04E.12.414	07-07-03	979	21.6	540	112	63.1	--	2.10	0.4	23.3	--
21S.04E.13.143	10-09-02	830	22.1	340	97.6	23.3	25.0	1.15	2	65.0	--
21S.04E.13.232	04-09-03	962	22.2	400	114	29.1	--	1.78	2	74.7	252
21S.04E.13.331	10-11-02	761	21.1	290	92.7	13.8	13.0	1.84	1	55.8	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Bicar-bonate, wat unf incrm. titr., field, mg/L (00450)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Sulfide water unfltrd mg/L (00745)	Residue water, fltrd, sum of consti-tuents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, unfltrd mg/L as N (00610)
21S.04E.10.233	10-10-02	--	0.27	32.3	4.14	23.8	207	M	--	670	E.033
21S.04E.10.321	10-10-02	--	0.26	30.1	3.38	25.8	149	0.1	--	572	E.050
21S.04E.10.322A	10-09-02	--	0.26	30.2	3.88	23.6	197	M	--	645	E.056
21S.04E.10.324	10-09-02	--	0.20	22.8	5.38	23.9	107	M	438	449	<0.100
21S.04E.10.411B	10-09-02	--	0.27	29.2	4.62	24.5	172	<0.1	--	636	E.034
21S.04E.10.411C	10-09-02	--	0.25	27.7	4.64	24.0	155	M	--	608	E.026
21S.04E.10.411D	10-09-02	--	0.21	36.3	4.06	22.5	157	<0.1	--	602	E.061
21S.04E.10.411E	10-10-02	--	0.27	38.8	4.64	24.1	175	<0.1	595	677	E.033
21S.04E.10.411G	10-10-02	--	0.28	30.4	4.38	23.9	208	<0.1	--	670	0.140
21S.04E.10.412	10-10-02	--	0.28	38.2	3.92	21.0	188	M	--	666	E.032
21S.04E.10.413A	10-09-02	--	0.24	32.0	4.16	22.7	146	<0.1	--	527	E.067
21S.04E.10.413B	10-10-02	--	0.27	37.5	3.88	20.6	152	<0.1	513	593	E.064
21S.04E.10.414A	10-10-02	--	0.26	52.9	4.52	22.5	164	0.1	--	657	E.024
21S.04E.10.414B	10-09-02	--	0.25	47.6	4.66	23.0	165	<0.1	559	658	E.031
21S.04E.10.414C	10-09-02	--	0.26	48.0	4.38	22.0	172	<0.1	575	658	E.025
21S.04E.10.414D	10-09-02	--	0.26	51.3	4.34	22.7	168	M	--	655	E.040
21S.04E.10.421	10-10-02	--	0.25	32.4	3.86	22.4	181	M	--	621	E.019
21S.04E.10.422	10-11-02	--	0.21	32.3	3.40	22.1	196	<0.1	--	614	E.084
21S.04E.10.423	10-10-02	--	0.32	39.5	3.74	21.1	165	M	--	665	E.020
21S.04E.10.434	10-10-02	--	0.26	30.4	5.02	23.4	134	<0.1	--	552	E.032
21S.04E.10.441	10-11-02	--	0.27	32.4	4.98	22.3	140	<0.1	--	564	E.019
21S.04E.10.442	10-11-02	--	0.21	30.4	3.34	26.6	135	<0.1	--	484	E.037
21S.04E.11.333	10-11-02	--	0.26	34.8	5.14	21.4	137	M	--	546	E.024
21S.04E.11.343	10-11-02	--	0.25	36.7	4.52	23.3	156	<0.1	--	576	E.031
21S.04E.12.414	07-07-03	--	0.15	27.2	1.2	21.0	201	--	638	646	E.055
21S.04E.13.143	10-09-02	--	0.25	37.2	4.08	24.0	177	<0.1	--	588	E.027
21S.04E.13.232	04-09-03	308	0.23	35.9	3.86	28.5	199	--	638	664	E.074
21S.04E.13.331	10-11-02	--	0.19	26.1	4.36	28.7	143	M	--	515	E.031

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Nitrite + nitrate water unfltrd mg/L as N (00630)	Organic carbon, water, unfltrd mg/L (00680)	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd recover -able, ug/L (01007)	Boron, water, fltrd, ug/L (01020)	Cadmium water, unfltrd ug/L (01027)	Chrom- ium, water, unfltrd recover -able, ug/L (01034)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, unfltrd recover -able, ug/L (01051)
21S.04E.10.233	10-10-02	2.70	E.8	M	M	40	M	M	<10	E90	M
21S.04E.10.321	10-10-02	<0.100	7.3	M	M	40	<1.0	M	97	150	M
21S.04E.10.322A	10-09-02	2.50	E.6	M	M	40	<1.0	M	<10	10	<1.0
21S.04E.10.324	10-09-02	1.90	E.7	M	M	30	M	M	<10	E20	M
21S.04E.10.411B	10-09-02	6.70	E.5	M	M	50	M	M	<10	E50	M
21S.04E.10.411C	10-09-02	8.40	E.5	M	M	70	M	M	<10	<100	<1.0
21S.04E.10.411D	10-09-02	7.90	E.3	M	M	110	M	E2	<10	150	M
21S.04E.10.411E	10-10-02	7.90	E.7	M	M	50	<1.0	M	<10	<100	<1.0
21S.04E.10.411G	10-10-02	1.80	E.5	M	M	40	M	M	<10	140	M
21S.04E.10.412	10-10-02	8.10	E.7	M	M	40	M	M	<10	<100	M
21S.04E.10.413A	10-09-02	6.30	E.9	M	M	30	M	M	<10	E40	M
21S.04E.10.413B	10-10-02	11.0	E.8	M	M	40	M	M	E7	<100	M
21S.04E.10.414A	10-10-02	10.0	E.6	M	M	40	<1.0	M	<10	<100	<1.0
21S.04E.10.414B	10-09-02	11.0	E.6	M	M	40	<1.0	M	<10	<100	<1.0
21S.04E.10.414C	10-09-02	13.0	E.5	M	M	40	<1.0	M	<10	<100	<1.0
21S.04E.10.414D	10-09-02	10.0	E.7	M	M	40	M	M	<10	E10	<1.0
21S.04E.10.421	10-10-02	8.50	E.4	M	M	40	<1.0	M	<10	E20	<1.0
21S.04E.10.422	10-11-02	1.40	1.1	M	M	50	M	M	<10	E20	M
21S.04E.10.423	10-10-02	23.0	E.6	M	M	40	<1.0	M	<10	E90	<1.0
21S.04E.10.434	10-10-02	8.90	E.7	M	M	40	M	M	<10	<100	<1.0
21S.04E.10.441	10-11-02	12.0	E.5	M	M	40	<1.0	M	<10	<100	<1.0
21S.04E.10.442	10-11-02	1.20	E.4	M	M	30	M	M	<10	E20	M
21S.04E.11.333	10-11-02	9.90	E.6	M	M	40	M	M	<10	100	M
21S.04E.11.343	10-11-02	8.50	E.7	M	M	40	M	M	<10	E10	<1.0
21S.04E.12.414	07-07-03	0.100	--	M	M	40	M	3	9	2,400	M
21S.04E.13.143	10-09-02	4.50	E.6	M	M	40	M	E1	<10	<100	M
21S.04E.13.232	04-09-03	4.00	--	M	M	40	<1.0	6	<10	E40	M
21S.04E.13.331	10-11-02	2.90	1.0	M	M	50	<1.0	M	<10	E20	<1.0

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Lithium water, fltrd, ug/L (01130)	Mercury water, unfltrd recover -able, ug/L (71900)	Selen- ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01077)	Stront- ium, water, fltrd, ug/L (01080)	Per- chlor- ate, water, unfltrd mg/L (62171)
21S.04E.10.233	10-10-02	--	M	E1	E.02	--	0.16
21S.04E.10.321	10-10-02	--	<0.2	M	<5.00	--	<0.02
21S.04E.10.322A	10-09-02	--	<0.2	E2	E.01	--	E0.012
21S.04E.10.324	10-09-02	--	M	E2	E.06	--	0.11
21S.04E.10.411B	10-09-02	--	M	E2	<5.00	--	6.9
21S.04E.10.411C	10-09-02	--	<0.2	E2	<5.00	--	6.3
21S.04E.10.411D	10-09-02	--	<0.2	E2	E.15	--	6.6
21S.04E.10.411E	10-10-02	--	M	E2	E.01	--	18
21S.04E.10.411G	10-10-02	--	M	E2	E.02	--	0.27
21S.04E.10.412	10-10-02	--	M	E3	E.03	--	7.2
21S.04E.10.413A	10-09-02	--	M	E2	E.11	--	1.3
21S.04E.10.413B	10-10-02	--	<0.2	E3	E.06	--	7.4
21S.04E.10.414A	10-10-02	--	<0.2	E2	E.01	--	21
21S.04E.10.414B	10-09-02	--	M	E2	E.02	--	17
21S.04E.10.414C	10-09-02	--	M	E2	E.06	--	16
21S.04E.10.414D	10-09-02	--	M	E2	E.01	--	19
21S.04E.10.421	10-10-02	--	M	E2	<5.00	--	3.6
21S.04E.10.422	10-11-02	--	<0.2	E2	E.02	--	0.32
21S.04E.10.423	10-10-02	--	M	E4	E.01	--	5.5
21S.04E.10.434	10-10-02	--	<0.2	E3	E.04	--	1.3
21S.04E.10.441	10-11-02	--	<0.2	E4	E.04	--	2.4
21S.04E.10.442	10-11-02	--	<0.2	E2	E.02	--	0.093
21S.04E.11.333	10-11-02	--	<0.2	E3	<5.00	--	0.9
21S.04E.11.343	10-11-02	--	<0.2	E3	E.03	--	0.3
21S.04E.12.414	07-07-03	9	<0.2	<5	<5.00	707	<0.0002
21S.04E.13.143	10-09-02	--	M	E2	<5.00	--	0.045
21S.04E.13.232	04-09-03	14	<0.2	E2	E.16	376	0.018
21S.04E.13.331	10-11-02	--	<0.2	E2	E.03	--	E0.0058

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Station number	County	Station type	Date	Time	Geologic unit	Depth of well, feet below LSD (72008)	Altitude of land surface feet (72000)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)
21S.04E.14.114	322910106303601	013	GW	10-11-02	0918	400PCMB	161	5,355.16	4.9	7.2
21S.04E.14.122	322913106301801	013	GW	10-10-02	1420	400PCMB	72	5,269	4.6	7.0
21S.04E.14.142	322902106302201	013	GW	10-09-02	1110	400PCMB	85	5,251.66	0.3	7.1
21S.04E.14.223	322906106300301	013	GW	10-09-02	1305	400PCMB	145	5,159.15	--	7.3
21S.04E.15.422	322848106305501	013	GW	10-11-02	1100	400PCMB	107	5,368.81	5.6	7.2
21S.04E.22.222	322310106305101	013	GW	10-09-02	1640	400PCMB	--	5,212.82	2.2	6.9
21S.04E.23.233B	322804106301701	013	GW	10-10-02	1435	400PCMB	180	5,043.16	4.2	7.2
21S.04E.23.233C	322800106300901	013	GW	10-10-02	1435	400PCMB	100	4,993.99	4.5	7.3
21S.04E.23.432	322745106300201	013	GW	10-09-02	1550	400PCMB	139	4,938.28	0.6	7.2
21S.04E.25.234	322711106290401	013	GW	04-09-03	1205	400PCMB	37	--	1.8	7.3
21S.04E.25.311	322702106294401	013	GW	10-09-02	1310	400PCMB	97	4,798.49	2.3	7.3
21S.04E.25.412	322704106290601	013	GW	10-09-02	1420	400PCMB	159	4,618.42	0.2	7.2
21S.04E.35.222	322639106294701	013	GW	10-09-02	1140	400PCMB	138	4,695.93	0.4	7.4
21S.04E.35.232	322624106300201	013	GW	10-09-02	1045	400PCMB	119	4,723.95	3.7	6.9
21S.04E.35.422	322612106294901	013	GW	10-08-02	1550	400PCMB	149	4,649.42	0.5	7.5
21S.04E.36.411	322609106291401	013	GW	10-08-02	1420	400PCMB	199	4,513.63	0.2	7.1
21S.05E.17.334	322834106273201	013	GW	10-07-02	1445	400PCMB	516	4,366.45	6.4	7.3
21S.05E.18.443	322828106275301	013	GW	10-10-02	1020	400PCMB	159	4,457.84	0.9	7.2
21S.05E.19.112	322823106283501	013	GW	10-09-02	1550	400PCMB	139	4,637.73	0.3	7.1
21S.05E.19.212	322827106280101	013	GW	04-11-03	0920	400PCMB	183.8	4,491.74	5.8	7.9
21S.05E.30.122	322731106281901	013	GW	10-11-02	1240	400PCMB	125	4,502.11	4.5	7.1
22S.04E.01.223	322538106285701	013	GW	10-08-02	1130	400PCMB	159	4,406.41	1.1	7.0
22S.04E.01.431	322508106291001	013	GW	10-08-02	0920	400PCMB	419	4,411.85	5.5	7.4
Upper Ash Spring	323807106324510	013	SP	07-30-03	0930	--	--	5,650	3.1	7.8

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Hard-ness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hard-ness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Magnes-ium, water, unfltrd recover-able, mg/L (00927)	Potas-sium, water, fltrd, mg/L (00935)	Sodium adsorp-tion ratio (00931)
21S.04E.14.114	10-11-02	740	--	21.8	300	--	88.2	19.3	19.0	0.85	1
21S.04E.14.122	10-10-02	824	--	19.9	310	--	89.3	20.7	23.0	0.90	2
21S.04E.14.142	10-09-02	840	--	20.7	340	--	98.8	22.0	23.0	1.04	2
21S.04E.14.223	10-09-02	860	--	22.3	330	--	93.1	23.0	25.0	3.04	2
21S.04E.15.422	10-11-02	820	--	21.2	340	--	100	22.3	22.0	3.23	1
21S.04E.22.222	10-09-02	688	--	20.7	240	--	74.4	13.1	14.0	1.36	1
21S.04E.23.233B	10-10-02	710	--	23.0	260	--	83.8	13.4	14.0	1.52	1
21S.04E.23.233C	10-10-02	750	--	22.0	270	--	86.5	14.1	--	1.68	1
21S.04E.23.432	10-09-02	727	--	22.0	260	--	83.2	12.9	14.0	1.92	1
21S.04E.25.234	04-09-03	775	--	17.7	300	--	96.0	15.0	--	2.10	2
21S.04E.25.311	10-09-02	636	--	23.0	250	--	77.3	12.8	14.0	2.69	1
21S.04E.25.412	10-09-02	849	--	23.2	340	--	105	18.2	19.0	2.82	1
21S.04E.35.222	10-09-02	644	--	24.6	230	--	71.7	11.5	12.0	2.69	1
21S.04E.35.232	10-09-02	613	--	23.1	220	--	70.5	11.8	12.0	1.43	1
21S.04E.35.422	10-08-02	701	--	23.3	250	--	80.3	11.6	<0.2	2.40	2
21S.04E.36.411	10-08-02	737	--	25.0	260	--	84.0	11.8	<0.2	2.47	2
21S.05E.17.334	10-07-02	773	--	26.0	240	--	68.6	17.3	--	2.80	2
21S.05E.18.443	10-10-02	663	--	23.1	280	--	86.3	15.1	16.0	2.87	1
21S.05E.19.112	10-09-02	680	--	22.7	270	--	85.9	13.9	15.0	2.28	1
21S.05E.19.212	04-11-03	750	--	24.4	320	--	94.4	20.2	--	3.13	1
21S.05E.30.122	10-11-02	720	--	24.6	300	--	94.7	14.9	14.0	1.82	1
22S.04E.01.223	10-08-02	818	--	23.5	280	--	95.1	10.4	<0.2	3.57	2
22S.04E.01.431	10-08-02	1,050	--	24.4	410	--	127	21.7	<0.2	3.48	1
Upper Ash Spring	07-30-03	715	29.5	17.5	400	120	129	17.8	--	1.02	0.2

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf incrm. titr., field, mg/L as CaCO3 (00419)	Alka-linity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicar-bonate, wat flt incrm. titr., field, mg/L (00453)	Bicar-bonate, wat unf incrm. titr., field, mg/L (00450)	Bromide water, fltrd, mg/L (71870)	Chlor-ide, water, fltrd, mg/L (00940)	Fluor-ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
21S.04E.14.114	10-11-02	58.0	--	--	--	--	0.20	26.1	4.88	24.6	128
21S.04E.14.122	10-10-02	60.8	--	--	--	--	0.22	30.8	4.80	24.2	145
21S.04E.14.142	10-09-02	65.1	--	--	--	--	0.26	35.7	4.90	24.6	178
21S.04E.14.223	10-09-02	75.5	--	--	--	--	0.28	42.9	4.86	27.1	174
21S.04E.15.422	10-11-02	57.6	--	--	--	--	0.25	29.1	4.18	25.9	149
21S.04E.22.222	10-09-02	47.5	--	--	--	--	0.20	23.5	3.78	33.7	117
21S.04E.23.233B	10-10-02	51.3	--	--	--	--	0.21	25.6	3.86	31.4	130
21S.04E.23.233C	10-10-02	53.6	--	--	--	--	0.23	30.3	3.82	30.7	142
21S.04E.23.432	10-09-02	50.6	--	--	--	--	0.20	25.2	3.54	24.7	137
21S.04E.25.234	04-09-03	65.7	214	--	--	261	0.18	29.0	4.32	27.5	149
21S.04E.25.311	10-09-02	44.0	--	--	--	--	0.13	14.7	4.16	26.8	94.6
21S.04E.25.412	10-09-02	46.6	--	--	--	--	0.25	38.3	2.70	31.1	187
21S.04E.35.222	10-09-02	45.2	--	--	--	--	0.13	17.6	4.20	31.8	94.0
21S.04E.35.232	10-09-02	40.2	--	--	--	--	0.14	13.7	4.58	39.4	81.2
21S.04E.35.422	10-08-02	55.8	--	--	--	--	0.33	34.7	3.44	32.2	102
21S.04E.36.411	10-08-02	62.4	--	--	--	--	0.20	25.8	2.88	28.7	87.5
21S.05E.17.334	10-07-02	71.2	--	--	--	--	0.19	30.4	2.81	31.6	152
21S.05E.18.443	10-10-02	44.2	--	--	--	--	0.15	23.3	3.00	31.8	139
21S.05E.19.112	10-09-02	50.0	--	--	--	--	0.17	25.1	3.56	32.1	141
21S.05E.19.212	04-11-03	50.2	169	--	--	206	0.17	29.8	2.75	31.0	157
21S.05E.30.122	10-11-02	51.2	--	--	--	--	0.19	27.3	3.72	34.2	133
22S.04E.01.223	10-08-02	66.1	--	--	--	--	0.17	20.6	3.28	35.8	92.6
22S.04E.01.431	10-08-02	49.1	--	--	--	--	0.51	108	2.26	32.9	211
Upper Ash Spring	07-30-03	11.4	--	277	337	--	0.07	11.4	0.3	17.7	86.4

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Sulfide water unfltrd mg/L (00745)	Residue water, fltrd, sum of consti-tuents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Nitrite water, fltrd, mg/L as N (00613)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Organic carbon, water, unfltrd mg/L (00680)	Alum-inum, water, fltrd, ug/L (01106)
21S.04E.14.114	10-11-02	<0.1	488	507	E.025	--	3.10	--	--	E.4	--
21S.04E.14.122	10-10-02	<0.1	510	538	E.041	--	4.50	--	--	E.5	--
21S.04E.14.142	10-09-02	<0.1	--	595	E.036	--	2.70	--	--	E.6	--
21S.04E.14.223	10-09-02	0.1	--	576	E.020	--	<0.100	--	--	1.5	--
21S.04E.15.422	10-11-02	M	--	541	E.029	--	1.70	--	--	E.9	--
21S.04E.22.222	10-09-02	<0.1	424	441	E.036	--	1.20	--	--	E.4	--
21S.04E.23.233B	10-10-02	M	451	483	E.017	--	4.80	--	--	0.3	--
21S.04E.23.233C	10-10-02	--	461	493	--	--	--	--	--	--	--
21S.04E.23.432	10-09-02	M	--	454	E.029	--	0.850	--	--	1.5	--
21S.04E.25.234	04-09-03	--	517	518	E.070	--	1.80	--	--	--	--
21S.04E.25.311	10-09-02	M	--	417	E.024	--	2.20	--	--	4.3	--
21S.04E.25.412	10-09-02	M	--	546	E.022	--	E.027	--	--	0.3	--
21S.04E.35.222	10-09-02	M	374	389	E.074	--	0.300	--	--	9.8	--
21S.04E.35.232	10-09-02	M	365	391	E.042	--	2.50	--	--	<1.0	--
21S.04E.35.422	10-08-02	1.9	436	465	E.030	--	2.20	--	--	3.9	--
21S.04E.36.411	10-08-02	0.1	--	425	E.026	--	<0.100	--	--	10.0	--
21S.05E.17.334	10-07-02	--	482	519	--	--	--	--	--	--	--
21S.05E.18.443	10-10-02	<0.1	451	478	E.065	--	0.710	--	--	7.9	--
21S.05E.19.112	10-09-02	M	--	500	E.027	--	6.70	--	--	E.3	--
21S.05E.19.212	04-11-03	--	490	508	<0.100	--	4.80	--	--	--	--
21S.05E.30.122	10-11-02	M	--	525	E.031	--	5.90	--	--	E.5	--
22S.04E.01.223	10-08-02	M	--	531	E.057	--	1.10	--	--	13.0	--
22S.04E.01.431	10-08-02	<0.1	616	693	E.026	--	13.0	--	--	1.1	--
Upper Ash Spring	07-30-03	--	445	459	--	0.59	--	E.004	<0.02	--	12

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Arsenic water, fltrd, ug/L (01000)	Arsenic water unfltrd ug/L (01002)	Barium, water, fltrd, ug/L (01005)	Barium, water, unfltrd recover -able, ug/L (01007)	Beryll- ium, water, fltrd, ug/L (01010)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Cadmium water, unfltrd ug/L (01027)	Chrom- ium, water, fltrd, ug/L (01030)	Chrom- ium, water, unfltrd recover -able, ug/L (01034)
21S.04E.14.114	10-11-02	--	M	--	M	--	30	--	<1.0	--	M
21S.04E.14.122	10-10-02	--	M	--	M	--	40	--	M	--	M
21S.04E.14.142	10-09-02	--	M	--	M	--	40	--	M	--	M
21S.04E.14.223	10-09-02	--	M	--	M	--	50	--	<1.0	--	M
21S.04E.15.422	10-11-02	--	M	--	M	--	30	--	M	--	M
21S.04E.22.222	10-09-02	--	M	--	M	--	30	--	M	--	M
21S.04E.23.233B	10-10-02	--	M	--	M	--	40	--	<1.0	--	M
21S.04E.23.233C	10-10-02	--	--	--	--	--	40	--	--	--	--
21S.04E.23.432	10-09-02	--	E2	--	M	--	30	--	<1.0	--	6
21S.04E.25.234	04-09-03	--	M	--	M	--	40	--	<1.0	--	E2
21S.04E.25.311	10-09-02	--	M	--	M	--	40	--	M	--	3
21S.04E.25.412	10-09-02	--	M	--	M	--	50	--	<1.0	--	5
21S.04E.35.222	10-09-02	--	M	--	M	--	40	--	<1.0	--	6
21S.04E.35.232	10-09-02	--	M	--	M	--	40	--	M	--	E1
21S.04E.35.422	10-08-02	--	E2	--	M	--	40	--	M	--	5
21S.04E.36.411	10-08-02	--	M	--	M	--	50	--	<1.0	--	9
21S.05E.17.334	10-07-02	--	--	--	--	--	50	--	--	--	--
21S.05E.18.443	10-10-02	--	M	--	M	--	60	--	M	--	E2
21S.05E.19.112	10-09-02	--	M	--	M	--	50	--	<1.0	--	M
21S.05E.19.212	04-11-03	--	M	--	M	--	40	--	<1.0	--	3
21S.05E.30.122	10-11-02	--	M	--	M	--	40	--	M	--	M
22S.04E.01.223	10-08-02	--	M	--	M	--	50	--	M	--	E1
22S.04E.01.431	10-08-02	--	E1	--	M	--	50	--	M	--	E2
Upper Ash Spring	07-30-03	<2	--	58.5	--	<0.4	60	<2	--	<5	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Cobalt water, fltrd, ug/L (01035)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)	Iron, water, unfltrd recover -able, ug/L (01045)	Lead, water, fltrd, ug/L (01049)	Lead, water, unfltrd recover -able, ug/L (01051)	Lithium water, fltrd, ug/L (01130)	Mercury water, fltrd, ug/L (71890)	Mercury water, unfltrd recover -able, ug/L (71900)	Nickel, water, fltrd, ug/L (01065)
21S.04E.14.114	10-11-02	--	--	<10	<100	--	M	--	--	<0.2	--
21S.04E.14.122	10-10-02	--	--	<10	E40	--	<1.0	--	--	M	--
21S.04E.14.142	10-09-02	--	--	E9	E30	--	<1.0	--	--	<0.2	--
21S.04E.14.223	10-09-02	--	--	61	100	--	M	--	--	M	--
21S.04E.15.422	10-11-02	--	--	<10	E30	--	M	--	--	<0.2	--
21S.04E.22.222	10-09-02	--	--	<10	190	--	M	--	--	<0.2	--
21S.04E.23.233B	10-10-02	--	--	<10	E20	--	<1.0	--	--	<0.2	--
21S.04E.23.233C	10-10-02	--	--	<10	--	--	--	--	--	--	--
21S.04E.23.432	10-09-02	--	--	<10	450	--	M	--	--	M	--
21S.04E.25.234	04-09-03	--	--	<10	E30	--	M	28	--	<0.2	--
21S.04E.25.311	10-09-02	--	--	54	520	--	M	--	--	<0.2	--
21S.04E.25.412	10-09-02	--	--	158	210	--	<1.0	--	--	M	--
21S.04E.35.222	10-09-02	--	--	21	100	--	M	--	--	M	--
21S.04E.35.232	10-09-02	--	--	22	E20	--	M	--	--	M	--
21S.04E.35.422	10-08-02	--	--	34	580	--	M	--	--	<0.2	--
21S.04E.36.411	10-08-02	--	--	53	220	--	M	--	--	<0.2	--
21S.05E.17.334	10-07-02	--	--	<10	--	--	--	--	--	--	--
21S.05E.18.443	10-10-02	--	--	15	460	--	M	--	--	M	--
21S.05E.19.112	10-09-02	--	--	<10	<100	--	M	--	--	M	--
21S.05E.19.212	04-11-03	--	--	<10	100	--	M	28	--	<0.2	--
21S.05E.30.122	10-11-02	--	--	<10	E20	--	M	--	--	<0.2	--
22S.04E.01.223	10-08-02	--	--	108	200	--	M	--	--	<0.2	--
22S.04E.01.431	10-08-02	--	--	<10	3,000	--	M	--	--	<0.2	--
Upper Ash Spring	07-30-03	<3	<7	12	--	E.05	--	5	<0.02	--	<7

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

DONA ANA COUNTY--Continued

Local identifier	Date	Selen-ium, water, fltrd, ug/L (01145)	Selen-ium, water, unfltrd ug/L (01147)	Silver, water, fltrd, ug/L (01075)	Silver, water, unfltrd recover -able, ug/L (01077)	Stront-ium, water, fltrd, ug/L (01080)	Vanad-ium, water, fltrd, ug/L (01085)	Zinc, water, fltrd, ug/L (01090)	Per-chlor-ate, water, unfltrd mg/L (62171)
21S.04E.14.114	10-11-02	--	E2	--	<5.00	--	--	--	<0.02
21S.04E.14.122	10-10-02	--	E2	--	E.01	--	--	--	0.021
21S.04E.14.142	10-09-02	--	E2	--	<5.00	--	--	--	<0.02
21S.04E.14.223	10-09-02	--	M	--	<5.00	--	--	--	<0.02
21S.04E.15.422	10-11-02	--	E3	--	<5.00	--	--	--	<0.02
21S.04E.22.222	10-09-02	--	E1	--	<5.00	--	--	--	E0.0065
21S.04E.23.233B	10-10-02	--	E2	--	<5.00	--	--	--	E0.0097
21S.04E.23.233C	10-10-02	--	--	--	--	--	--	--	--
21S.04E.23.432	10-09-02	--	18	--	E.05	--	--	--	<0.02
21S.04E.25.234	04-09-03	--	E1	--	<5.00	419	--	--	0.001
21S.04E.25.311	10-09-02	--	M	--	E.02	--	--	--	<0.02
21S.04E.25.412	10-09-02	--	M	--	E.02	--	--	--	E0.0088
21S.04E.35.222	10-09-02	--	M	--	E.06	--	--	--	<0.02
21S.04E.35.232	10-09-02	--	E1	--	E.02	--	--	--	<0.02
21S.04E.35.422	10-08-02	--	E3	--	E.05	--	--	--	<0.02
21S.04E.36.411	10-08-02	--	M	--	E.06	--	--	--	<0.02
21S.05E.17.334	10-07-02	--	--	--	--	--	--	--	--
21S.05E.18.443	10-10-02	--	E2	--	<5.00	--	--	--	<0.02
21S.05E.19.112	10-09-02	--	E2	--	<5.00	--	--	--	E0.0062
21S.05E.19.212	04-11-03	--	E2	--	<5.00	516	--	--	0.001
21S.05E.30.122	10-11-02	--	E2	--	<5.00	--	--	--	E0.0057
22S.04E.01.223	10-08-02	--	E1	--	<5.00	--	--	--	<0.02
22S.04E.01.431	10-08-02	--	6	--	E.18	--	--	--	E0.0076
Upper Ash Spring	07-30-03	<3	--	<5	--	726	<6	6	--

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003--Continued

OTERO COUNTY

Local identifier	Station number	County	Station type	Date	Time	Geologic unit	Depth of well, feet below LSD (72008)	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Depth to water level, feet below LSD (72019)
17S.09E.26.334	324805105594301	035	GW	08-19-03	1100	110AVMB	150	--	--	50.49
17S.09E.26.334	324805105594301	035	GW	09-22-03	1135	110AVMB	150	150	74	50.49
17S.09E.26.334	324805105594301	035	GW	10-20-03	1100	110AVMB	150	150	74	50.72
17S.09E.26.344	324802105592001	035	GW	08-19-03	1015	110AVMB	170	--	--	54.72
17S.09E.26.344	324802105592001	035	GW	09-22-03	1115	110AVMB	170	170	115	55.80
17S.09E.26.344	324802105592001	035	GW	10-20-03	1115	110AVMB	170	170	115	56.63
17S.09E.35.212	324756105590801	035	GW	08-19-03	0945	110AVMB	235	--	--	59.50
17S.09E.35.212	324756105590801	035	GW	09-22-03	1040	110AVMB	235	--	--	61.01
17S.09E.35.212	324756105590801	035	GW	10-20-03	1045	110AVMB	235	215	195	62.24
19S.06E.28.141	323752106200701	035	GW	07-02-03	1320	110AVMB	67.6	--	--	--
19S.06E.28.141	323752106200701	035	GW	10-06-03	1345	110AVMB	67.6	--	--	--
19S.06E.28.2123	323759106195201	035	GW	10-08-02	1230	110AVMB	60.0	--	--	--
19S.06E.28.2123	323759106195201	035	GW	01-07-03	1130	110AVMB	60.0	--	--	--
19S.06E.28.2123	323759106195201	035	GW	04-08-03	1335	110AVMB	60.0	--	--	--
19S.06E.28.2123	323759106195201	035	GW	07-08-03	1045	110AVMB	60.0	--	--	--
19S.06E.28.2123	323759106195201	035	GW	10-06-03	1515	110AVMB	60.0	--	--	--
19S.06E.28.2132	323758106195301	035	GW	10-08-02	1045	110AVMB	60.0	--	--	--
19S.06E.28.2132	323758106195301	035	GW	01-07-03	0955	110AVMB	60.0	--	--	--
19S.06E.28.2132	323758106195301	035	GW	04-08-03	1025	110AVMB	60.0	--	--	--
19S.06E.28.2132	323758106195301	035	GW	07-08-03	1015	110AVMB	60.0	--	--	--
19S.06E.28.2132	323758106195301	035	GW	10-07-03	1155	110AVMB	60.0	--	--	--
19S.06E.28.2144	323759106195301	035	GW	10-08-02	1430	110AVMB	49.0	--	--	--
19S.06E.28.2144	323759106195301	035	GW	01-07-03	1415	110AVMB	49.0	--	--	--
19S.06E.28.2144	323759106195301	035	GW	04-08-03	1400	110AVMB	49.0	--	--	--
19S.06E.28.2144	323759106195301	035	GW	07-08-03	1300	110AVMB	49.0	--	--	--
19S.06E.28.2144	323759106195301	035	GW	10-07-03	1430	110AVMB	49.0	--	--	--
19S.06E.28.221B	323805106194101	035	GW	10-07-02	1500	110AVMB	50.0	--	--	--
19S.06E.28.221B	323805106194101	035	GW	01-06-03	1522	110AVMB	50.0	--	--	--
19S.06E.28.221B	323805106194101	035	GW	04-07-03	1610	110AVMB	50.0	--	--	--
19S.06E.28.221B	323805106194101	035	GW	07-07-03	1515	110AVMB	50.0	--	--	--

Local identifier	Date	Altitude of land surface feet (72000)	Pump or flow period prior to sampling, minutes (72004)	Turbidity, water, unfltrd field, NTU (61028)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)
17S.09E.26.334	08-19-03	4,085	15	--	--	7.4	1,820	31.5	19.0	770	630
17S.09E.26.334	09-22-03	4,085	15	--	--	8.0	2,170	27.5	19.5	690	540
17S.09E.26.334	10-20-03	4,085	30	--	--	7.3	1,780	29.0	26.5	670	510
17S.09E.26.344	08-19-03	4,090	--	--	--	7.0	5,220	28.0	19.5	2,300	2,200
17S.09E.26.344	09-22-03	4,090	15	--	--	7.0	6,260	26.0	19.5	2,200	2,100
17S.09E.26.344	10-20-03	4,090	30	--	--	7.2	4,720	28.0	26.0	2,100	2,000
17S.09E.35.212	08-19-03	4,090	10	--	--	7.2	3,130	26.5	15.0	1,200	1,100
17S.09E.35.212	09-22-03	4,090	15	--	--	7.1	--	19.5	25.5	1,200	1,100
17S.09E.35.212	10-20-03	4,090	30	--	--	7.2	3,420	27.0	25.0	1,200	1,000
19S.06E.28.141	07-02-03	3,961.39	--	29	9.9	7.5	14,800	--	20.0	--	--
19S.06E.28.141	10-06-03	3,961.39	--	3.0	6.4	7.6	14,800	--	20.7	--	--
19S.06E.28.2123	10-08-02	3,955.10	--	0.8	0.7	6.9	10,600	--	21.9	--	--
19S.06E.28.2123	01-07-03	3,955.10	--	0.5	1.6	7.4	10,200	--	21.7	--	--
19S.06E.28.2123	04-08-03	3,955.10	--	0.4	1.9	6.9	10,400	--	21.9	--	--
19S.06E.28.2123	07-08-03	3,955.10	--	0.4	1.4	7.3	10,300	--	22.5	--	--
19S.06E.28.2123	10-06-03	3,955.10	--	0.6	1.8	7.0	10,100	--	22.5	--	--
19S.06E.28.2132	10-08-02	3,955.43	--	0.4	0.8	7.0	12,400	--	22.0	--	--
19S.06E.28.2132	01-07-03	3,955.43	--	0.6	1.2	7.6	11,900	--	21.9	--	--
19S.06E.28.2132	04-08-03	3,955.43	--	0.3	1.2	7.0	12,300	--	21.4	--	--
19S.06E.28.2132	07-08-03	3,955.43	--	0.4	0.8	6.9	11,800	--	22.9	--	--
19S.06E.28.2132	10-07-03	3,955.43	--	1.0	1.4	7.2	11,700	--	22.4	--	--
19S.06E.28.2144	10-08-02	3,952.63	--	--	--	7.1	9,030	--	22.2	--	--
19S.06E.28.2144	01-07-03	3,952.63	--	12	--	7.3	9,470	--	17.8	--	--
19S.06E.28.2144	04-08-03	3,952.63	--	--	--	6.9	--	--	21.3	--	--
19S.06E.28.2144	07-08-03	3,952.63	--	--	0.3	6.7	9,040	--	23.8	--	--
19S.06E.28.2144	10-07-03	3,952.63	--	--	--	6.7	8,550	--	22.7	--	--
19S.06E.28.221B	10-07-02	3,953.53	--	0.5	5.0	7.4	21,000	--	19.7	--	--
19S.06E.28.221B	01-06-03	3,953.53	--	0.6	6.1	7.7	20,800	--	18.4	--	--
19S.06E.28.221B	04-07-03	3,953.53	--	0.3	5.0	7.5	21,000	--	19.5	--	--
19S.06E.28.221B	07-07-03	3,953.53	--	0.8	5.8	7.5	20,100	--	21.8	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	Calcium water, fltrd, mg/L (00915)	Calcium water unfltrd recover-able, mg/L (00916)	Magnesium, water, fltrd, mg/L (00925)	Magnesium, water, unfltrd recover-able, mg/L (00927)	Potassium, water, fltrd, mg/L (00935)	Potassium, water, unfltrd recover-able, mg/L (00937)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Sodium, water, unfltrd recover-able, mg/L (00929)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)
17S.09E.26.334	08-19-03	171	--	84.1	--	3.07	--	2	125	--	--
17S.09E.26.334	09-22-03	147	--	79.3	--	2.93	--	2	121	--	--
17S.09E.26.334	10-20-03	139	--	78.1	--	2.89	--	2	112	--	--
17S.09E.26.344	08-19-03	528	--	247	--	3.57	--	3	308	--	--
17S.09E.26.344	09-22-03	488	--	242	--	3.68	--	3	295	--	--
17S.09E.26.344	10-20-03	461	--	235	--	3.33	--	3	298	--	--
17S.09E.35.212	08-19-03	296	--	118	--	2.71	--	3	224	--	--
17S.09E.35.212	09-22-03	294	--	122	--	2.92	--	3	256	--	--
17S.09E.35.212	10-20-03	279	--	121	--	2.71	--	3	246	--	--
19S.06E.28.141	07-02-03	--	470	--	800	--	76.0	--	--	2,900	110
19S.06E.28.141	10-06-03	--	430	--	700	--	76.0	--	--	2,700	110
19S.06E.28.2123	10-08-02	--	--	--	--	--	--	--	--	--	380
19S.06E.28.2123	01-07-03	--	310	--	410	--	75.0	--	--	2,100	340
19S.06E.28.2123	04-08-03	--	290	--	400	--	69.0	--	--	2,000	360
19S.06E.28.2123	07-08-03	--	300	--	430	--	71.0	--	--	2,100	380
19S.06E.28.2123	10-06-03	--	270	--	370	--	69.0	--	--	1,900	400
19S.06E.28.2132	10-08-02	--	--	--	--	--	--	--	--	--	240
19S.06E.28.2132	01-07-03	--	340	--	490	--	89.0	--	--	2,500	260
19S.06E.28.2132	04-08-03	--	320	--	490	--	87.0	--	--	2,400	260
19S.06E.28.2132	07-08-03	--	340	--	520	--	87.0	--	--	2,600	250
19S.06E.28.2132	10-07-03	--	290	--	430	--	86.0	--	--	2,300	250
19S.06E.28.2144	10-08-02	--	--	--	--	--	--	--	--	--	560
19S.06E.28.2144	01-07-03	--	350	--	420	--	64.0	--	--	1,700	860
19S.06E.28.2144	04-08-03	--	330	--	360	--	73.0	--	--	1,700	1,400
19S.06E.28.2144	07-08-03	--	300	--	330	--	64.0	--	--	1,700	1,600
19S.06E.28.2144	10-07-03	--	310	--	310	--	67.0	--	--	1,500	1,400
19S.06E.28.221B	10-07-02	--	--	--	--	--	--	--	--	--	150
19S.06E.28.221B	01-06-03	--	380	--	1,300	--	110	--	--	3,600	150
19S.06E.28.221B	04-07-03	--	390	--	1,400	--	120	--	--	3,700	150
19S.06E.28.221B	07-07-03	--	440	--	1,400	--	120	--	--	4,100	140

Local identifier	Date	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Fluoride, water, unfltrd mg/L (00951)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Sulfide water unfltrd mg/L (00745)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)
17S.09E.26.334	08-19-03	142	174	165	0.5	--	25.9	574	--	1,230	--
17S.09E.26.334	09-22-03	157	191	154	0.5	--	25.3	577	--	1,200	--
17S.09E.26.334	10-20-03	155	189	128	0.5	--	25.4	543	--	1,120	--
17S.09E.26.344	08-19-03	142	173	1,030	0.2	--	24.6	1,450	--	3,670	--
17S.09E.26.344	09-22-03	159	193	942	0.2	--	23.7	1,310	--	3,400	--
17S.09E.26.344	10-20-03	157	190	926	0.2	--	23.5	1,300	--	3,340	--
17S.09E.35.212	08-19-03	153	186	463	0.3	--	24.3	978	--	2,200	--
17S.09E.35.212	09-22-03	162	197	466	0.3	--	24.5	988	--	2,250	--
17S.09E.35.212	10-20-03	162	197	439	0.3	--	24.2	929	--	2,140	--
19S.06E.28.141	07-02-03	--	--	1,900	--	E4.8	--	5,800	<0.5	--	14,000
19S.06E.28.141	10-06-03	--	--	--	--	E2.8	--	--	<0.1	--	15,000
19S.06E.28.2123	10-08-02	--	--	860	--	E3.3	--	4,700	<0.1	--	9,400
19S.06E.28.2123	01-07-03	--	--	820	--	E4.4	--	5,300	<0.1	--	9,200
19S.06E.28.2123	04-08-03	--	--	800	--	<5.0	--	4,500	<0.1	--	9,300
19S.06E.28.2123	07-08-03	--	--	810	--	5.8	--	5,200	<0.1	--	9,300
19S.06E.28.2123	10-06-03	--	--	--	--	E4.4	--	--	<0.1	--	9,600
19S.06E.28.2132	10-08-02	--	--	990	--	E3.8	--	6,900	<0.1	--	11,000
19S.06E.28.2132	01-07-03	--	--	910	--	E4.3	--	6,400	<0.1	--	10,000
19S.06E.28.2132	04-08-03	--	--	900	--	<5.0	--	5,900	<0.1	--	11,000
19S.06E.28.2132	07-08-03	--	--	870	--	6.4	--	6,800	<0.1	--	11,000
19S.06E.28.2132	10-07-03	--	--	--	--	E4.7	--	--	<0.1	--	11,000
19S.06E.28.2144	10-08-02	--	--	580	--	E2.8	--	4,000	0.8	--	7,500
19S.06E.28.2144	01-07-03	--	--	870	--	E3.6	--	4,300	5.4	--	8,300
19S.06E.28.2144	04-08-03	--	--	800	--	<5.0	--	3,000	<0.1	--	7,600
19S.06E.28.2144	07-08-03	--	--	710	--	E4.6	--	3,100	4.4	--	6,500
19S.06E.28.2144	10-07-03	--	--	--	--	E3.9	--	--	15.0	--	8,400
19S.06E.28.221B	10-07-02	--	--	2,800	--	E3.6	--	10,000	<0.1	--	20,000
19S.06E.28.221B	01-06-03	--	--	2,900	--	E5.4	--	11,000	<0.1	--	18,000
19S.06E.28.221B	04-07-03	--	--	2,600	--	<20.0	--	9,400	<0.1	--	19,000
19S.06E.28.221B	07-07-03	--	--	2,800	--	E5.7	--	10,000	<0.1	--	20,000

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	Ammonia water, unfltrd mg/L as N (00610)	Nitrate water unfltrd mg/L as N (00620)	Ortho-phos-phate, water, fltrd, mg/L (00660)	Organic carbon, water, unfltrd mg/L (00680)	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd recover-able, ug/L (01007)	Beryll-ium, water, unfltrd recover-able, ug/L (01012)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, unfltrd recover-able, ug/L (01037)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	<0.100	67.0	<2.50	E.8	17	M	<5.0	M	4	M
19S.06E.28.141	10-06-03	<0.100	63.0	--	E.7	10	M	<5.0	M	4	<10
19S.06E.28.2123	10-08-02	E.019	26.0	<2.50	2.3	13	M	<2.0	M	25	M
19S.06E.28.2123	01-07-03	E.020	25.0	<2.50	3.1	11	M	<5.0	M	12	M
19S.06E.28.2123	04-08-03	E.071	23.0	<25.0	2.7	12	M	<5.0	M	14	M
19S.06E.28.2123	07-08-03	<0.100	25.0	<2.50	2.0	12	M	M	M	11	M
19S.06E.28.2123	10-06-03	<0.100	22.0	--	2.1	10	M	<5.0	M	8	<10
19S.06E.28.2132	10-08-02	E.016	34.0	<2.50	2.7	18	M	<2.0	M	26	<10
19S.06E.28.2132	01-07-03	<0.100	27.0	<2.50	3.8	14	M	M	M	21	M
19S.06E.28.2132	04-08-03	<0.100	28.0	<25.0	3.0	15	M	<5.0	M	22	M
19S.06E.28.2132	07-08-03	<0.100	30.0	<2.50	2.7	14	M	M	M	24	<10
19S.06E.28.2132	10-07-03	<0.100	26.0	--	2.8	12	M	<5.0	M	21	<10
19S.06E.28.2144	10-08-02	0.620	7.90	<2.50	5.3	7	M	<2.0	M	3	<10
19S.06E.28.2144	01-07-03	0.570	3.60	<2.50	13.0	5	M	M	M	6	M
19S.06E.28.2144	04-08-03	<0.100	<2.50	<25.0	17.0	6	M	<5.0	M	8	M
19S.06E.28.2144	07-08-03	<0.100	E.88	<2.50	20.0	7	M	M	M	7	<10
19S.06E.28.2144	10-07-03	E.060	E1.10	--	15.0	E4	M	<5.0	M	5	<10
19S.06E.28.221B	10-07-02	<0.100	97.0	<5.00	2.6	26	M	<2.0	M	1,700	<10
19S.06E.28.221B	01-06-03	<0.100	98.0	<5.00	3.0	19	M	M	M	1,300	<10
19S.06E.28.221B	04-07-03	<0.100	85.0	<10.0	2.4	30	M	M	M	1,500	M
19S.06E.28.221B	07-07-03	<0.100	97.0	<5.00	2.4	27	M	<5.0	M	1,600	<10

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	Lead, water, unfltrd recover -able, ug/L (01051)	Selen- ium, water, unfltrd ug/L (01147)	Cyanide water, unfltrd EPA contrac rec, mg/L (99896)
17S.09E.26.334	08-19-03	--	--	--
17S.09E.26.334	09-22-03	--	--	--
17S.09E.26.334	10-20-03	--	--	--
17S.09E.26.344	08-19-03	--	--	--
17S.09E.26.344	09-22-03	--	--	--
17S.09E.26.344	10-20-03	--	--	--
17S.09E.35.212	08-19-03	--	--	--
17S.09E.35.212	09-22-03	--	--	--
17S.09E.35.212	10-20-03	--	--	--
19S.06E.28.141	07-02-03	M	150	<0.01
19S.06E.28.141	10-06-03	<1.0	110	--
19S.06E.28.2123	10-08-02	M	81	M
19S.06E.28.2123	01-07-03	M	68	E.01
19S.06E.28.2123	04-08-03	<1.0	65	E.01
19S.06E.28.2123	07-08-03	<1.0	58	<0.01
19S.06E.28.2123	10-06-03	<1.0	46	--
19S.06E.28.2132	10-08-02	<1.0	100	M
19S.06E.28.2132	01-07-03	<1.0	86	E.01
19S.06E.28.2132	04-08-03	<1.0	82	E.01
19S.06E.28.2132	07-08-03	<1.0	76	<0.01
19S.06E.28.2132	10-07-03	<1.0	57	--
19S.06E.28.2144	10-08-02	M	35	E.01
19S.06E.28.2144	01-07-03	M	15	E.01
19S.06E.28.2144	04-08-03	M	9	E.01
19S.06E.28.2144	07-08-03	M	E3	<0.01
19S.06E.28.2144	10-07-03	M	E2	--
19S.06E.28.221B	10-07-02	<1.0	680	E.01
19S.06E.28.221B	01-06-03	<1.0	540	M
19S.06E.28.221B	04-07-03	<1.0	660	M
19S.06E.28.221B	07-07-03	<1.0	600	<0.01

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Station number	Date	Time	Organic carbon, water, unfltrd mg/L (00680)	1,2-Di-chloro-ethene, water, unfltrd ug/L (45617)	2,4,5-Tri-chloro-phenol, water, unfltrd ug/L (77687)	2,4,6-Tri-chloro-phenol, water, unfltrd ug/L (34621)	2,4-Di-chloro-phenol, water, unfltrd ug/L (34601)	2,4-Di-methyl-phenol, water, unfltrd ug/L (34606)	2,4-Di-nitro-phenol, water, unfltrd ug/L (34616)
17S.09E.26.334	324805105594301	08-19-03	1100	--	--	--	--	--	--	--
17S.09E.26.334	324805105594301	09-22-03	1135	--	--	--	--	--	--	--
17S.09E.26.334	324805105594301	10-20-03	1100	--	--	--	--	--	--	--
17S.09E.26.344	324802105592001	08-19-03	1015	--	--	--	--	--	--	--
17S.09E.26.344	324802105592001	09-22-03	1115	--	--	--	--	--	--	--
17S.09E.26.344	324802105592001	10-20-03	1115	--	--	--	--	--	--	--
17S.09E.35.212	324756105590801	08-19-03	0945	--	--	--	--	--	--	--
17S.09E.35.212	324756105590801	09-22-03	1040	--	--	--	--	--	--	--
17S.09E.35.212	324756105590801	10-20-03	1045	--	--	--	--	--	--	--
19S.06E.28.141	323752106200701	07-02-03	1320	E.8	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.141	323752106200701	10-06-03	1345	E.7	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2123	323759106195201	10-08-02	1230	2.3	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2123	323759106195201	01-07-03	1130	3.1	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2123	323759106195201	04-08-03	1335	2.7	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2123	323759106195201	07-08-03	1045	2.0	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2123	323759106195201	10-06-03	1515	2.1	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2132	323758106195301	10-08-02	1045	2.7	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2132	323758106195301	01-07-03	0955	3.8	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2132	323758106195301	04-08-03	1025	3.0	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2132	323758106195301	07-08-03	1015	2.7	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2132	323758106195301	10-07-03	1155	2.8	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2144	323759106195301	10-08-02	1430	5.3	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2144	323759106195301	01-07-03	1415	13.0	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.2144	323759106195301	04-08-03	1400	17.0	<4.0	<200	<200	<200	<200	<1,000
19S.06E.28.2144	323759106195301	07-08-03	1300	20.0	<1.0	<100	<100	<100	<100	<500
19S.06E.28.2144	323759106195301	10-07-03	1430	15.0	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.221B	323805106194101	10-07-02	1500	2.6	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.221B	323805106194101	01-06-03	1522	3.0	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.221B	323805106194101	04-07-03	1610	2.4	<1.0	<10	<10	<10	<10.0	<50
19S.06E.28.221B	323805106194101	07-07-03	1515	2.4	<1.0	<10	<10	<10	<10.0	<50

Local identifier	Date	2,4-Di-nitro-toluene water unfltrd ug/L (34611)	2,6-Di-nitro-toluene water unfltrd ug/L (34626)	2,6-Di-t-butyl -4-methyl-phenol, wat unf ug/L (61698)	2-Chloro-naphth-alene, water, unfltrd ug/L (34581)	2-chloro-phenol, water, unfltrd ug/L (34586)	2-Methyl-4,6-di-nitro-phenol, wat unf ug/L (34657)	2-Methyl-naphth-alene, water, unfltrd ug/L (30194)	2-Nitro-aniline water unfltrd ug/L (30195)	2-nitro-phenol, water unfltrd ug/L (34591)	3,3-Di' chloro-benzi-dine, water, unfltrd ug/L (34631)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	--	--	<10.0	--	<10	<50	--	--	<10	--
19S.06E.28.141	10-06-03	<10	<10	--	<10	<10	<50	<10.0	<50	<10	<50
19S.06E.28.2123	10-08-02	<10	<10	<10.0	<10	<10	<50	--	<50	<10	<50
19S.06E.28.2123	01-07-03	<10	<10	<10.0	<10	<10	<50	E2.0	<50	<10	<50
19S.06E.28.2123	04-08-03	<10	<10	<10.0	<10	<10	<50	E2.9	<50	<10	<50
19S.06E.28.2123	07-08-03	<10	<10	<10.0	<10	<10	<50	<10.0	<50	<10	<50
19S.06E.28.2123	10-06-03	<10	<10	--	<10	<10	<50	E1.2	<50	<10	<50
19S.06E.28.2132	10-08-02	<10	<10	<10.0	<10	<10	<50	--	<50	<10	<50
19S.06E.28.2132	01-07-03	<10	<10	<10.0	<10	<10	<50	29.0	<50	<10	<50
19S.06E.28.2132	04-08-03	<10	<10	<10.0	<10	<10	<50	23.0	<50	<10	<50
19S.06E.28.2132	07-08-03	<10	<10	<10.0	<10	<10	<50	21.0	<50	<10	<50
19S.06E.28.2132	10-07-03	<10	<10	--	<10	<10	<50	14.0	<50	<10	<50
19S.06E.28.2144	10-08-02	<10	<10	<10.0	<10	<10	<50	--	<50	<10	<50
19S.06E.28.2144	01-07-03	<10	<10	<10.0	<10	<10	<50	93.0	<50	<10	<50
19S.06E.28.2144	04-08-03	<200	<200	<200	<200	<200	<1,000	2,300	<1,000	<200	<1,000
19S.06E.28.2144	07-08-03	<100	<100	<100	<100	<100	<500	790	<500	<100	<500
19S.06E.28.2144	10-07-03	<10	<10	--	<10	<10	<50	120	<50	<10	<50
19S.06E.28.221B	10-07-02	<10	<10	<10.0	<10	<10	<50	--	<50	<10	<50
19S.06E.28.221B	01-06-03	<10	<10	<10.0	<10	<10	<50	<10.0	<50	<10	<50
19S.06E.28.221B	04-07-03	<10	<10	<10.0	<10	<10	<50	<10.0	<50	<10	<50
19S.06E.28.221B	07-07-03	<10	<10	<10.0	<10	<10	<50	<10.0	<50	<10	<50

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	3-Nitro-aniline water unfltrd ug/L (78300)	4-Bromo-phenyl phenyl ether, wat unf ug/L (34636)	4-Chloro-3-methyl-phenol, wat unf ug/L (34452)	4-chloro-aniline water, fltrd, ug/L (50312)	4-Chloro-phenyl phenyl ether, wat unf ug/L (34641)	4-Nitro-aniline water unfltrd ug/L (30196)	4-Nitro-phenol, water, unfltrd ug/L (34646)	9H-Fluor-ene, water, unfltrd ug/L (34381)	Ace-naphth-ene, water, unfltrd ug/L (34205)	Ace-naphth-ylene, water, unfltrd ug/L (34200)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	--	--	<10	--	--	--	<50	--	--	--
19S.06E.28.141	10-06-03	<50	<10	<10	--	<10	<50	<50	<10	<10	<10
19S.06E.28.2123	10-08-02	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10
19S.06E.28.2123	01-07-03	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10
19S.06E.28.2123	04-08-03	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10
19S.06E.28.2123	07-08-03	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10
19S.06E.28.2123	10-06-03	<50	<10	<10	--	<10	<50	<50	<10	<10	<10
19S.06E.28.2132	10-08-02	<50	<10	<10	<10.00	<10	<50	<50	<10	E1	<10
19S.06E.28.2132	01-07-03	<50	<10	<10	<10.00	<10	<50	<50	<10	E2	<10
19S.06E.28.2132	04-08-03	<50	<10	<10	<10.00	<10	<50	<50	<10	E1	<10
19S.06E.28.2132	07-08-03	<50	<10	<10	<10.00	<10	<50	<50	<10	E1	<10
19S.06E.28.2132	10-07-03	<50	<10	<10	--	<10	<50	<50	<10	E1	<10
19S.06E.28.2144	10-08-02	<50	<10	<10	<10.00	<10	<50	<50	E6	E5	<10
19S.06E.28.2144	01-07-03	<50	<10	<10	<10.00	<10	<50	<50	E6	E5	<10
19S.06E.28.2144	04-08-03	<1,000	<200	<200	<200.0	<200	<1,000	<1,000	550	<200	<200
19S.06E.28.2144	07-08-03	<500	<100	<100	<100.0	<100	<500	<500	170	<100	<100
19S.06E.28.2144	10-07-03	<50	<10	<10	--	<10	<50	<50	13	<10	<10
19S.06E.28.221B	10-07-02	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10
19S.06E.28.221B	01-06-03	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10
19S.06E.28.221B	04-07-03	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10
19S.06E.28.221B	07-07-03	<50	<10	<10	<10.00	<10	<50	<50	<10	<10	<10

Local identifier	Date	Anthra-cene, water, unfltrd ug/L (34220)	Benzo-[a]-anthra-cene, water, unfltrd ug/L (34526)	Benzo-[a]-pyrene, water, unfltrd ug/L (34247)	Benzo-[b]-fluor-anthene water unfltrd ug/L (34230)	Benzo-[g,h,i]-per-ylene, water, unfltrd ug/L (34521)	Benzo-[k]-fluor-anthene water unfltrd ug/L (34242)	Benzyl n-butyl phthal-ate, water, unfltrd ug/L (34292)	Bis(2-chloro-ethoxy) methane water unfltrd ug/L (34278)	Bis(2-chloro-ethyl) ether, water, unfltrd ug/L (34273)	Bis(2-chloro-iso-propyl) ether, wat unf ug/L (34283)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	10-06-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2123	10-08-02	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2123	01-07-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2123	04-08-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2123	07-08-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2123	10-06-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2132	10-08-02	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2132	01-07-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2132	04-08-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2132	07-08-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2132	10-07-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2144	10-08-02	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2144	01-07-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.2144	04-08-03	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
19S.06E.28.2144	07-08-03	E22	<100	<100	<100	<100	<100	<100	<100	<100	<100
19S.06E.28.2144	10-07-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.221B	10-07-02	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.221B	01-06-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.221B	04-07-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
19S.06E.28.221B	07-07-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	Bis(2-ethylhexyl) phthalate, wat unf ug/L (39100)	Carbazole, water, unfltrd ug/L (77571)	Chrysene, water, unfltrd ug/L (34320)	Dibenzo-[a,h]-anthracene, wat unf ug/L (34556)	Dibenzofuran, water, unfltrd ug/L (81302)	Diesel range organic cmpds, water unfltrd ug/L (04585)	Diethyl phthalate, water, unfltrd ug/L (34336)	Dimethyl phthalate, water, unfltrd ug/L (34341)	Di-n-butyl phthalate, water, unfltrd ug/L (39110)	Di-n-octyl phthalate, water, unfltrd ug/L (34596)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	--	--	--	--	--	250	--	--	--	--
19S.06E.28.141	10-06-03	<10	<10.0	<10	<10	<10	<250	<10	<10	<10	<10
19S.06E.28.2123	10-08-02	<10	<10.0	<10	<10	<10	--	<10	<10	<10	<10
19S.06E.28.2123	01-07-03	<10	<10.0	<10	<10	<10	250	<10	<10	<10	<10
19S.06E.28.2123	04-08-03	<10	<10.0	<10	<10	<10	110	<10	<10	<10	<10
19S.06E.28.2123	07-08-03	<10	<10.0	<10	<10	<10	45	<10	<10	<10	<10
19S.06E.28.2123	10-06-03	<10	<10.0	<10	<10	<10	<250	<10	<10	<10	<10
19S.06E.28.2132	10-08-02	<10	<10.0	<10	<10	<10	--	<10	<10	<10	<10
19S.06E.28.2132	01-07-03	<10	<10.0	<10	<10	<10	430	<10	<10	<10	<10
19S.06E.28.2132	04-08-03	<10	<10.0	<10	<10	<10	340	<10	<10	<10	<10
19S.06E.28.2132	07-08-03	E4	<10.0	<10	<10	<10	390	<10	<10	<10	<10
19S.06E.28.2132	10-07-03	<10	E1.5	<10	<10	E4.9	420	<10	<10	<10	<10
19S.06E.28.2144	10-08-02	<10	<10.0	<10	<10	10	--	<10	<10	<10	<10
19S.06E.28.2144	01-07-03	<10	E2.0	<10	<10	11	2,200	<10	<10	<10	<10
19S.06E.28.2144	04-08-03	<200	<200	<200	<200	<200	890,000	<200	<200	<200	<200
19S.06E.28.2144	07-08-03	E44	<100	<100	<100	140	11,000	<100	<100	<100	<100
19S.06E.28.2144	10-07-03	<10	E7.7	<10	<10	19	22,000	<10	<10	<10	<10
19S.06E.28.221B	10-07-02	<10	<10.0	<10	<10	<10	--	<10	<10	<10	<10
19S.06E.28.221B	01-06-03	<10	<10.0	<10	<10	<10	250	<10	<10	<10	<10
19S.06E.28.221B	04-07-03	<10	<10.0	<10	<10	<10	250	<10	<10	<10	<10
19S.06E.28.221B	07-07-03	<10	<10.0	<10	<10	<10	250	<10	<10	<10	<10

Local identifier	Date	Fluoranthene water unfltrd ug/L (34376)	Hexachlorobenzene water unfltrd ug/L (39700)	Hexachlorocyclopentadiene, wat unf ug/L (34386)	Indeno-[1,2,-3-cd]-pyrene, water, unfltrd ug/L (34403)	Isophorone water unfltrd ug/L (34408)	Nitrobenzene water unfltrd ug/L (34447)	N-NItroso-di-n-propylamine, wat unf ug/L (34428)	N-NItroso-di-phenylamine, wat unf ug/L (34433)	o-Cresol, soil, ug/kg (62268)	Organic halides water unfltrd ug/L as Cl (79747)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	--	--	--	--	--	--	--	--	<10	<40
19S.06E.28.141	10-06-03	<10	<10	<50	<10	<10	<10	<10	<10	--	E19
19S.06E.28.2123	10-08-02	<10	<10	<50	<10	<10	<10	<10	<10	<10	E37
19S.06E.28.2123	01-07-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	39
19S.06E.28.2123	04-08-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	22
19S.06E.28.2123	07-08-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	42
19S.06E.28.2123	10-06-03	<10	<10	<50	<10	<10	<10	<10	<10	--	35
19S.06E.28.2132	10-08-02	<10	<10	<50	<10	<10	<10	<10	<10	<10	E34
19S.06E.28.2132	01-07-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	30
19S.06E.28.2132	04-08-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	32
19S.06E.28.2132	07-08-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	<40
19S.06E.28.2132	10-07-03	<10	<10	<50	<10	<10	<10	<10	<10	--	33
19S.06E.28.2144	10-08-02	<10	<10	<50	<10	<10	<10	<10	<10	<10	<60
19S.06E.28.2144	01-07-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	<100
19S.06E.28.2144	04-08-03	<200	<200	<1,000	<200	<200	<200	<200	<200	<200	<250
19S.06E.28.2144	07-08-03	<100	<100	<500	<100	<100	<100	<100	<100	<100	<40
19S.06E.28.2144	10-07-03	<10	<10	<50	<10	<10	<10	<10	<10	--	E16
19S.06E.28.221B	10-07-02	<10	<10	<50	<10	<10	<10	<10	<10	<10	E41
19S.06E.28.221B	01-06-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	31
19S.06E.28.221B	04-07-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	33
19S.06E.28.221B	07-07-03	<10	<10	<50	<10	<10	<10	<10	<10	<10	E32

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	Penta-chloro-phenol, water, unfltrd ug/L (39032)	Phenan-threne, water, unfltrd ug/L (34461)	Phenol, water, unfltrd ug/L (34694)	Pyrene, water, unfltrd ug/L (34469)	Xylenes water unfltrd ug/L (81551)	1,1,1-Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfltrd ug/L (34516)	1,1,2-Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	<50	--	<10.0	--	<2	<1	<1	<1	<1	<1
19S.06E.28.141	10-06-03	<50	<10	<10.0	<10	<2	<1	<1	<1	<1	M
19S.06E.28.2123	10-08-02	<50	<10	<10.0	<10	<1	<1	<1	<1	2	<1
19S.06E.28.2123	01-07-03	<50	<10	<10.0	<10	<2	<1	<1	<1	2	<1
19S.06E.28.2123	04-08-03	<50	<10	<10.0	<10	<2	<1	<1	<1	3	<1
19S.06E.28.2123	07-08-03	<50	<10	<10.0	<10	<2	<1	<1	<1	2	<1
19S.06E.28.2123	10-06-03	<50	<10	<10.0	<10	<2	<1	<1	<1	4	M
19S.06E.28.2132	10-08-02	<50	E3	<10.0	<10	<1	<1	<1	<1	M	<1
19S.06E.28.2132	01-07-03	<50	E3	<10.0	<10	<2	<1	<1	<1	M	<1
19S.06E.28.2132	04-08-03	<50	E2	<10.0	<10	<2	<1	<1	<1	M	<1
19S.06E.28.2132	07-08-03	<50	E3	<10.0	<10	<2	<1	<1	<1	M	M
19S.06E.28.2132	10-07-03	<50	E4	<10.0	<10	<2	<1	<1	<1	M	M
19S.06E.28.2144	10-08-02	<50	E8	<10.0	<10	<1	<1	<1	<1	2	<1
19S.06E.28.2144	01-07-03	<50	E10	<10.0	<10	<2	<1	<1	<1	2	<1
19S.06E.28.2144	04-08-03	<1,000	830	<200	E90	<8	<4	<4	<4	E3	<4
19S.06E.28.2144	07-08-03	<500	260	<100	E24	<2	M	<1	<1	3	M
19S.06E.28.2144	10-07-03	<50	18	<10.0	E1	<2	M	<1	<1	3	<1
19S.06E.28.221B	10-07-02	<50	<10	<10.0	<10	<1	<1	<1	<1	<1	5
19S.06E.28.221B	01-06-03	<50	<10	<10.0	<10	<2	<1	<1	<1	<1	4
19S.06E.28.221B	04-07-03	<50	<10	<10.0	<10	<2	<1	<1	<1	<1	4
19S.06E.28.221B	07-07-03	<50	<10	<10.0	<10	<2	<1	<1	<1	<1	5

Local identifier	Date	1,2,4-Tri-chloro-benzene water unfltrd ug/L (34551)	1,2-Di-chloro-benzene water unfltrd ug/L (34536)	1,2-Di-chloro-ethane, water, unfltrd ug/L (32103)	1,2-Di-chloro-propane water unfltrd ug/L (34541)	1,3-Di-chloro-benzene water unfltrd ug/L (34566)	1,4-Di-chloro-benzene water unfltrd ug/L (34571)	Acetone water unfltrd ug/L (81552)	Benzene water unfltrd ug/L (34030)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-methane water unfltrd ug/L (34413)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	--	--	<1	<1	--	--	<10	<1	<1	<2
19S.06E.28.141	10-06-03	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.2123	10-08-02	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.2123	01-07-03	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.2123	04-08-03	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.2123	07-08-03	<10	<10	<1	<1	<10	<10	<10	M	<1	<2
19S.06E.28.2123	10-06-03	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.2132	10-08-02	<10	<10	<1	<1	<10	<10	<10	M	<1	<2
19S.06E.28.2132	01-07-03	<10	<10	<1	<1	<10	<10	<10	M	<1	<2
19S.06E.28.2132	04-08-03	<10	<10	<1	<1	<10	<10	<10	M	<1	<2
19S.06E.28.2132	07-08-03	<10	<10	<1	<1	<10	<10	<10	M	<1	<2
19S.06E.28.2132	10-07-03	<10	<10	<1	<1	<10	<10	<10	M	<1	<2
19S.06E.28.2144	10-08-02	<10	<10	<1	<1	<10	<10	<10	1	<1	<2
19S.06E.28.2144	01-07-03	<10	<10	<1	<1	<10	<10	<10	4	<1	<2
19S.06E.28.2144	04-08-03	<200	<200	<4	<4	<200	<200	<40	7	<4	<8
19S.06E.28.2144	07-08-03	<100	<100	<1	<1	<100	<100	<10	4	<1	<2
19S.06E.28.2144	10-07-03	<10	<10	<1	<1	<10	<10	<10	3	<1	<2
19S.06E.28.221B	10-07-02	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.221B	01-06-03	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.221B	04-07-03	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2
19S.06E.28.221B	07-07-03	<10	<10	<1	<1	<10	<10	<10	<1	<1	<2

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)	Di-chloro-methane water unfltrd ug/L (34423)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethyl-benzene water unfltrd ug/L (34371)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1
19S.06E.28.141	10-06-03	<1.0	<1	<2	<2	<1.0	<1	<1	<5	<5.0	<1
19S.06E.28.2123	10-08-02	<1.0	<1	<2	<2	<1.0	<1	<1	<1	<5.0	<1
19S.06E.28.2123	01-07-03	<1.0	<1	<2	<2	<1.0	<1	<1	<5	<5.0	<1
19S.06E.28.2123	04-08-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1
19S.06E.28.2123	07-08-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1
19S.06E.28.2123	10-06-03	<1.0	<1	<2	<2	<1.0	<1	<1	<5	<5.0	<1
19S.06E.28.2132	10-08-02	<1.0	<1	<2	<2	<1.0	<1	<1	<1	<5.0	<1
19S.06E.28.2132	01-07-03	<1.0	<1	<2	<2	<1.0	<1	<1	<5	<5.0	<1
19S.06E.28.2132	04-08-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1
19S.06E.28.2132	07-08-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1
19S.06E.28.2132	10-07-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1
19S.06E.28.2144	10-08-02	<1.0	<1	<2	<2	<1.0	<1	<1	<1	<5.0	<1
19S.06E.28.2144	01-07-03	<1.0	<1	<2	<2	<1.0	<1	<1	<5	<5.0	<1
19S.06E.28.2144	04-08-03	<4.0	<4	<8	<8	<4.0	<4	<4	E1	<20	<4
19S.06E.28.2144	07-08-03	0.2	<1	<2	<2	<1.0	<1	<1	M	<5.0	M
19S.06E.28.2144	10-07-03	E.3	<1	<2	<2	<1.0	<1	<1	M	<5.0	M
19S.06E.28.221B	10-07-02	<1.0	<1	<2	<2	<1.0	<1	<1	<1	<5.0	<1
19S.06E.28.221B	01-06-03	<1.0	<1	<2	<2	<1.0	<1	<1	<5	<5.0	<1
19S.06E.28.221B	04-07-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1
19S.06E.28.221B	07-07-03	<1.0	<1	<2	<2	<1.0	<1	<1	M	<5.0	<1

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	Hexa-chloro-buta-diene, water, unfltrd ug/L (39702)	Hexa-chloro-ethane, water, unfltrd ug/L (34396)	Iso-butyl methyl ketone, water, unfltrd ug/L (78133)	Naphth-alene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	Styrene water unfltrd ug/L (77128)	Tetra-chloro-ethene, water, unfltrd ug/L (34475)	Tetra-chloro-methane water unfltrd ug/L (32102)	Toluene water unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)
17S.09E.26.334	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--	--	--	--	--	--
19S.06E.28.141	07-02-03	--	--	<5.0	--	<5.0	<1	<1	<1	<1	<1
19S.06E.28.141	10-06-03	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<1
19S.06E.28.2123	10-08-02	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2123	01-07-03	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2123	04-08-03	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2123	07-08-03	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<1
19S.06E.28.2123	10-06-03	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<1
19S.06E.28.2132	10-08-02	<10	<10	<5.0	E2	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2132	01-07-03	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2132	04-08-03	<10	<10	<5.0	E2	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2132	07-08-03	<10	<10	<5.0	E2	<5.0	<1	<1	<1	<1	<1
19S.06E.28.2132	10-07-03	<10	<10	<5.0	<10	<5.0	<1	<1	<1	<1	<1
19S.06E.28.2144	10-08-02	<10	<10	<5.0	20	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2144	01-07-03	<10	<10	<5.0	26	<5.0	<1	<1	<1	<1	<0.50
19S.06E.28.2144	04-08-03	<200	<200	<20	240	<20	<4	<4	<4	<4	<2
19S.06E.28.2144	07-08-03	<100	<100	<5.0	110	<5.0	<1	<1	<1	<1	<1
19S.06E.28.2144	10-07-03	<10	<10	<5.0	38	<5.0	<1	<1	<1	<1	<1
19S.06E.28.221B	10-07-02	<10	<10	<5.0	<10	<5.0	<1	M	<1	<1	<0.50
19S.06E.28.221B	01-06-03	<10	<10	<5.0	<10	<5.0	<1	M	<1	<1	<0.50
19S.06E.28.221B	04-07-03	<10	<10	<5.0	<10	<5.0	<1	M	<1	<1	<0.50
19S.06E.28.221B	07-07-03	<10	<10	<5.0	<10	<5.0	<1	M	<1	<1	<1

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

OTERO COUNTY--Continued

Local identifier	Date	trans-1,3-Dichloropropene water unfltrd ug/L (34699)	Tribromomethane water unfltrd ug/L (32104)	Trichloroethene, water, unfltrd ug/L (39180)	Trichloromethane water unfltrd ug/L (32106)	Vinyl chloride, water, unfltrd ug/L (39175)
17S.09E.26.334	08-19-03	--	--	--	--	--
17S.09E.26.334	09-22-03	--	--	--	--	--
17S.09E.26.334	10-20-03	--	--	--	--	--
17S.09E.26.344	08-19-03	--	--	--	--	--
17S.09E.26.344	09-22-03	--	--	--	--	--
17S.09E.26.344	10-20-03	--	--	--	--	--
17S.09E.35.212	08-19-03	--	--	--	--	--
17S.09E.35.212	09-22-03	--	--	--	--	--
17S.09E.35.212	10-20-03	--	--	--	--	--
19S.06E.28.141	07-02-03	<1	<1	<1	4	<2
19S.06E.28.141	10-06-03	<1	<1	<1	5	<2
19S.06E.28.2123	10-08-02	<1	<1	M	1	<2
19S.06E.28.2123	01-07-03	<1	<1	M	1	<2
19S.06E.28.2123	04-08-03	<1	<1	M	1	--
19S.06E.28.2123	07-08-03	<1	<1	M	M	<2
19S.06E.28.2123	10-06-03	<1	<1	M	1	<2
19S.06E.28.2132	10-08-02	<1	<1	M	M	<2
19S.06E.28.2132	01-07-03	<1	<1	<1	M	<2
19S.06E.28.2132	04-08-03	<1	<1	<1	M	--
19S.06E.28.2132	07-08-03	<1	<1	M	M	<2
19S.06E.28.2132	10-07-03	<1	<1	M	M	<2
19S.06E.28.2144	10-08-02	<1	<1	<1	M	<2
19S.06E.28.2144	01-07-03	<1	<1	<1	M	<2
19S.06E.28.2144	04-08-03	<4	<4	<4	<4	--
19S.06E.28.2144	07-08-03	<1	<1	<1	<1	<2
19S.06E.28.2144	10-07-03	<1	<1	<1	<1	<2
19S.06E.28.221B	10-07-02	<1	<1	6	4	<2
19S.06E.28.221B	01-06-03	<1	<1	5	3	<2
19S.06E.28.221B	04-07-03	<1	<1	4	3	--
19S.06E.28.221B	07-07-03	<1	<1	5	4	<2

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003--Continued

ROOSEVELT COUNTY

Local identifier	Station number	County	Station type	Date	Time	Geologic unit	Depth of well, feet below LSD (72008)	Depth to water level, feet below LSD (72019)	Altitude of land surface feet (72000)	Turbidity, water, unfltrd field, NTU (61028)
01N.29E.01.222122	342046103503501	041	GW	12-05-02	1320	110AVMB	101	--	4,260.15	0.4
01N.29E.01.222122	342046103503501	041	GW	12-05-02	1321	110AVMB	101	--	4,260.15	--
01N.29E.01.222122	342046103503501	041	GW	03-18-03	1415	110AVMB	101	66.42	4,260.15	0.8
01N.30E.03.213334	342031103464701	041	GW	12-05-02	1200	110AVMB	103	53.36	4,231.74	0.9
01N.30E.03.213334	342031103464701	041	GW	12-05-02	1201	110AVMB	103	--	4,231.74	--
01N.30E.03.213334	342031103464701	041	GW	03-19-03	1230	110AVMB	103	53.71	4,231.74	0.7
01N.30E.05.112	342048103492701	041	GW	12-05-02	1445	121OGLL	--	82.92	4,270.64	4.0
01N.30E.05.112	342048103492701	041	GW	12-05-02	1446	121OGLL	--	--	4,270.64	--
01N.30E.05.112	342048103492701	041	GW	03-19-03	1515	121OGLL	--	--	4,270.64	1.4
01N.30E.13.414424	341820103442601	041	GW	12-02-02	1400	110AVMB	165	--	4,268.22	0.2
01N.30E.13.414424	341820103442601	041	GW	12-02-02	1401	110AVMB	165	--	4,268.22	--
01N.30E.13.414424	341820103442601	041	GW	03-19-03	0815	110AVMB	165	--	4,268.22	0.5
01N.30E.15.324	341825103470301	041	GW	12-04-02	1200	121OGLL	181	147.51	4,323.21	9.4
01N.30E.15.324	341825103470301	041	GW	12-04-02	1201	121OGLL	181	--	4,323.21	--
01N.30E.15.324	341825103470301	041	GW	03-20-03	1005	121OGLL	181	147.36	4,323.21	15
01N.30E.16.233	341845103475801	041	GW	12-06-02	0900	121OGLL	160	142.84	4,343.27	21
01N.30E.16.233	341845103475801	041	GW	12-06-02	0901	121OGLL	160	--	4,343.27	--
01N.30E.16.233	341845103475801	041	GW	03-20-03	0810	121OGLL	160	142.29	4,343.27	52
01N.30E.19.43441	341720103494701	041	GW	12-03-02	1000	110AVMB	--	108.86	4,468.60	160
01N.30E.19.43441	341720103494701	041	GW	12-03-02	1001	110AVMB	--	--	4,468.60	--
01N.30E.19.43441	341720103494701	041	GW	03-18-03	0915	110AVMB	--	108.54	4,468.60	180
01N.30E.22.321	341743103470801	041	GW	12-04-02	1420	121OGLL	181.6	105.35	4,356.27	9.8
01N.30E.22.321	341743103470801	041	GW	12-04-02	1421	121OGLL	181.6	--	4,356.27	--
01N.30E.22.321	341743103470801	041	GW	03-20-03	1200	121OGLL	181.6	104.80	4,356.27	6.8
01N.30E.25.222	341714103442502	041	GW	12-02-02	1530	121OGLL	245	119.42	4,290.73	10
01N.30E.25.222	341714103442502	041	GW	12-02-02	1531	121OGLL	245	--	4,290.73	--
01N.30E.25.222	341714103442502	041	GW	03-17-03	1010	121OGLL	245	119.25	4,290.73	6.0
01N.30E.27.324	341640103470501	041	GW	12-04-02	1000	121OGLL	--	65.09	4,380.67	19
01N.30E.27.324	341640103470501	041	GW	12-04-02	1001	121OGLL	--	--	4,380.67	--
01N.30E.27.324	341640103470501	041	GW	03-21-03	0830	121OGLL	--	64.82	4,380.67	5.4
01S.29E.12.222222	341954103503101	041	GW	12-03-02	1330	110AVMB	60	44.48	4,639.78	1.2
01S.29E.12.222222	341954103503101	041	GW	12-03-02	1331	110AVMB	60	--	4,639.78	--
01S.29E.12.222222	341954103503101	041	GW	03-18-03	1200	110AVMB	60	--	4,639.78	0.3
01S.30E.14.32131	341828103460001	041	GW	12-06-02	1510	110AVMB	--	54.24	4,405.44	13
01S.30E.14.32131	341828103460001	041	GW	12-06-02	1511	110AVMB	--	--	4,405.44	--
01S.30E.14.32131	341828103460001	041	GW	03-17-03	1415	110AVMB	--	53.89	4,405.44	9.3
015.30E.18.2211	341345103494301	041	GW	12-03-02	1530	121OGLL	--	--	4,664.03	4.3
015.30E.18.2211	341345103494301	041	GW	12-03-02	1531	121OGLL	--	--	4,664.03	--
015.30E.18.2211	341345103494301	041	GW	03-18-03	1315	121OGLL	--	119.40	4,664.03	1.3
01S.31E.04.444	341440103411101	041	GW	12-06-02	1225	121OGLL	165	150.71	4,279.27	5.1
01S.31E.04.444	341440103411101	041	GW	12-06-02	1226	121OGLL	165	--	4,279.27	--
01S.31E.04.444	341440103411101	041	GW	03-17-03	1225	121OGLL	165	150.10	4,279.27	220
02N.30E.25.414	342152103444201	041	GW	12-05-02	1020	121OGLL	--	22.15	4,202.05	0.9
02N.30E.25.414	342152103444201	041	GW	12-05-02	1021	121OGLL	--	--	4,202.05	--
02N.30E.25.414	342152103444201	041	GW	03-19-03	1100	121OGLL	--	24.40	4,202.05	0.9

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Dis-solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc-tance, wat unf uS/cm 25 degC (00095)	Temper-ature, water, deg C (00010)	Calcium water unfltrd recover-able, mg/L (00916)	Magnes-ium, water, unfltrd recover-able, mg/L (00927)	Potas-sium, water, unfltrd recover-able, mg/L (00937)	Sodium, water, unfltrd recover-able, mg/L (00929)	Alka-linity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Bromide water, fltrd, mg/L (71870)
01N.29E.01.222122	12-05-02	2.3	7.3	774	17.7	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	58	27	E2.7	77	150	0.79
01N.29E.01.222122	03-18-03	7.6	7.9	850	17.4	62	26	E2.1	74	150	0.39
01N.30E.03.213334	12-05-02	2.4	7.3	644	17.0	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	43	25	3.2	70	170	E.16
01N.30E.03.213334	03-19-03	7.7	7.5	674	17.9	41	22	E2.4	63	170	0.30
01N.30E.05.112	12-05-02	8.1	7.4	556	17.5	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	37	20	E2.7	64	160	E.16
01N.30E.05.112	03-19-03	--	6.9	568	18.4	37	18	E2.0	55	160	0.50
01N.30E.13.414424	12-02-02	6.6	7.8	782	18.6	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	29	33	5.6	83	150	0.50
01N.30E.13.414424	03-19-03	7.1	8.2	792	17.4	28	31	4.7	78	160	0.45
01N.30E.15.324	12-04-02	6.8	7.5	10,200	19.3	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	310	280	15	2,100	45	7.8
01N.30E.15.324	03-20-03	5.9	6.9	8,670	22.3	260	240	12	1,800	40	6.7
01N.30E.16.233	12-06-02	--	7.5	2,620	18.7	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	61	58	7.9	560	140	2.0
01N.30E.16.233	03-20-03	--	7.1	2,530	17.8	41	39	4.4	320	100	1.3
01N.30E.19.43441	12-03-02	2.5	7.4	3,180	16.9	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	52	21	4.2	650	230	3.1
01N.30E.19.43441	03-18-03	3.2	7.6	3,130	17.0	44	18	E2.9	620	240	3.4
01N.30E.22.321	12-04-02	1.7	7.6	7,710	19.6	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	120	76	8.9	1,700	140	8.8
01N.30E.22.321	03-20-03	1.6	6.9	7,270	19.9	120	83	7.5	1,400	150	9.2
01N.30E.25.222	12-02-02	0.6	7.7	1,030	21.6	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	170	110	8.2	2,100	69	7.2
01N.30E.25.222	03-17-03	0.4	7.6	9,070	31.4	180	120	8.4	2,100	91	8.7
01N.30E.27.324	12-04-02	6.3	7.6	3,680	17.5	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	87	77	13	690	130	4.6
01N.30E.27.324	03-21-03	4.1	8.0	3,830	16.5	62	57	9.2	660	150	4.5
01S.29E.12.222222	12-03-02	8.2	7.1	658	15.0	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	54	41	5.3	16	220	0.35
01S.29E.12.222222	03-18-03	7.0	7.7	652	16.7	52	40	5.0	17	230	0.27
01S.30E.14.32131	12-06-02	8.5	7.7	1,380	16.1	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	82	71	5.9	140	280	0.72
01S.30E.14.32131	03-17-03	5.4	7.3	1,340	18.1	78	66	5.2	130	280	0.62
015.30E.18.2211	12-03-02	3.9	7.4	1,500	18.5	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	64	56	9.3	160	170	1.3
015.30E.18.2211	03-18-03	5.3	7.9	1,620	17.7	73	61	8.4	150	170	1.4
01S.31E.04.444	12-06-02	7.6	8.0	1,480	20.0	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	32	59	11	200	210	1.4
01S.31E.04.444	03-17-03	5.41	7.79	1,420	19.7	30	54	9.8	180	200	1.1
02N.30E.25.414	12-05-02	5.5	7.3	568	15.3	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	45	22	3.1	59	180	0.22
02N.30E.25.414	03-19-03	7.6	7.6	596	15.1	42	19	E2.7	51	190	0.40

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, unfltrd mg/L (00951)	Sulfate water, fltrd, mg/L (00945)	Sulfide water unfltrd mg/L (00745)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia water, unfltrd mg/L as N (00610)	Nitrite + nitrate water unfltrd mg/L as N (00630)	Phosphorus, water, unfltrd mg/L (00665)	Organic carbon, water, unfltrd mg/L (00680)	Aluminum, water, unfltrd recoverable, ug/L (01105)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	48	1.9	160	<4.0	530	<0.10	1.7	E.02	E.70	<100
01N.29E.01.222122	03-18-03	55	1.6	170	<4.0	550	E.07	1.6	<0.05	E.62	<100
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	21	2.4	97	<4.0	430	E.03	6.5	0.16	E.29	<100
01N.30E.03.213334	03-19-03	23	2.4	100	<4.0	440	E.09	6.3	<0.05	E.43	<100
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	13	2.6	75	<4.0	370	<0.10	5.7	0.47	<1.0	E21
01N.30E.05.112	03-19-03	15	2.7	79	<4.0	370	E.07	4.7	<0.05	<1.0	<100
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	61	2.0	140	<4.0	460	E.03	0.89	0.12	E.33	<100
01N.30E.13.414424	03-19-03	56	1.9	130	<4.0	470	E.04	0.85	E.03	<1.0	20
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	3,000	<5.0	1,500	<4.0	6,500	E.04	0.79	<0.05	<1.0	280
01N.30E.15.324	03-20-03	2,500	E1.5	1,300	<4.0	5,900	E.07	0.73	<0.05	<1.0	220
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	460	2.2	560	<4.0	1,700	E.04	0.25	0.12	<1.0	2,400
01N.30E.16.233	03-20-03	290	1.4	350	<4.0	1,100	0.42	0.18	<0.05	E.47	180
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	450	3.3	600	<4.0	1,900	E.05	0.26	0.13	1.8	5,900
01N.30E.19.43441	03-18-03	440	2.9	600	<4.0	1,900	0.12	0.33	<0.05	1.5	<100
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	1,500	<5.0	1,800	<4.0	5,000	E.10	5.8	0.16	6.5	1,600
01N.30E.22.321	03-20-03	1,300	E2.6	1,600	<4.0	4,700	E.10	5.4	E.02	6.2	180
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	3,300	<5.0	1,200	<4.0	7,700	0.29	<0.10	0.19	E.74	<100
01N.30E.25.222	03-17-03	2,900	<5.0	1,100	<4.0	6,000	0.38	<0.10	<0.05	1.1	E21
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	570	3.7	890	<4.0	2,300	E.06	2.3	0.06	E.63	5,600
01N.30E.27.324	03-21-03	550	2.9	920	<4.0	2,400	1.1	2.1	<0.05	E.31	E72
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	24	E.91	48	<4.0	390	E.03	12	0.39	E.80	<100
01S.29E.12.222222	03-18-03	23	E.80	41	<4.0	380	0.50	12	<0.05	E.95	<100
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	94	4.0	290	<4.0	880	0.15	1.4	0.17	E.96	E40
01S.30E.14.32131	03-17-03	87	3.9	260	<4.0	840	0.16	1.4	<0.05	E.75	E99
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	200	1.8	230	<4.0	870	E.02	9.9	0.08	1.3	<100
015.30E.18.2211	03-18-03	220	1.5	230	<4.0	960	E.07	11	<0.05	E.99	<100
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	230	4.5	160	<4.0	830	E.02	6.1	0.64	E.86	110
01S.31E.04.444	03-17-03	210	3.8	140	<4.0	780	E.08	6.3	0.05	E.61	<100
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	18	1.8	59	<4.0	360	E.05	5.7	0.35	E.29	E24
02N.30E.25.414	03-19-03	19	1.9	57	<4.0	370	E.06	5.6	<0.05	<1.0	<100

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Anti-mony, water, unfltrd ug/L (01097)	Arsenic water unfltrd ug/L (01002)	Barium, water, unfltrd recover-able, ug/L (01007)	Beryll-ium, water, unfltrd recover-able, ug/L (01012)	Cadmium water, unfltrd ug/L (01027)	Chrom-ium, water, unfltrd recover-able, ug/L (01034)	Cobalt water, unfltrd recover-able, ug/L (01037)	Copper, water, unfltrd recover-able, ug/L (01042)	Lead, water, unfltrd recover-able, ug/L (01051)	Mangan-ese, water, unfltrd recover-able, ug/L (01055)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	<10	E5.4	30	<5.0	<5.0	<10	<10	<10	E2.3	<10
01N.29E.01.222122	03-18-03	<10	E9.2	33	<5.0	<5.0	<10	<10	E.92	<3.0	E1.2
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	<10	E6.9	30	<5.0	<5.0	<10	<10	<10	<3.0	<10
01N.30E.03.213334	03-19-03	<10	E5.0	30	<5.0	<5.0	E.9	<10	880	35	<10
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	<10	E5.8	32	<5.0	<5.0	<10	<10	<10	<3.0	E5.3
01N.30E.05.112	03-19-03	<10	E5.8	31	<5.0	<5.0	E1.0	<10	<10	E2.4	E.80
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	<10	E6.5	24	<5.0	<5.0	<10	<10	E3.1	E2.2	<10
01N.30E.13.414424	03-19-03	<10	E8.7	26	<5.0	<5.0	E1.2	<10	E1.0	E2.4	<10
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	<10	<15	21	<5.0	<5.0	E7.8	E2.1	E5.0	<3.0	12
01N.30E.15.324	03-20-03	<10	<15	18	<5.0	<5.0	13	E1.0	E7.7	7.4	E7.1
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	<10	<15	48	<5.0	<5.0	27	E2.3	E3.6	<3.0	63
01N.30E.16.233	03-20-03	<10	<15	38	<5.0	<5.0	E6.6	<10	E2.0	3.0	20
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	<10	<15	35	<5.0	<5.0	12	E4.8	20	6.5	110
01N.30E.19.43441	03-18-03	<10	<15	E9.8	<5.0	<5.0	<10	<10	E2.3	<3.0	E1.6
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	<10	<15	17	<5.0	<5.0	E8.8	E3.4	E2.7	<3.0	59
01N.30E.22.321	03-20-03	<10	<15	12	<5.0	<5.0	E2.3	<10	E3.5	2.0	35
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	<10	<15	32	<5.0	<5.0	<10	<10	E3.3	E2.4	280
01N.30E.25.222	03-17-03	<10	<15	47	<5.0	<5.0	<10	14	E.79	<3.0	430
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	<10	<15	73	<5.0	<5.0	39	E6.0	E6.7	4.4	84
01N.30E.27.324	03-21-03	<10	<15	13	<5.0	<5.0	E3.4	<10	E.92	E2.4	E1.9
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	<10	<15	120	<5.0	<5.0	<10	<10	E1.9	<3.0	<10
01S.29E.12.222222	03-18-03	<10	<15	120	<5.0	<5.0	<10	<10	E.78	<3.0	<10
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	<10	<15	39	<5.0	<5.0	<10	E1.0	E4.8	E2.5	12
01S.30E.14.32131	03-17-03	<10	<15	36	<5.0	<5.0	E1.0	<10	E7.8	<3.0	E9.1
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	<10	<15	33	<5.0	<5.0	<10	<10	E6.2	<3.0	E3.5
015.30E.18.2211	03-18-03	<10	<15	30	<5.0	<5.0	<10	<10	E3.7	<3.0	E2.0
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	<10	E4.7	47	<5.0	<5.0	E1.5	<10	12	<3.0	100
01S.31E.04.444	03-17-03	<10	<15	40	<5.0	<5.0	<10	<10	<10	<3.0	E2.8
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	<10	<15	46	<5.0	<5.0	<10	<10	E4.1	<3.0	<10
02N.30E.25.414	03-19-03	<10	E6.7	45	<5.0	<5.0	<10	<10	E2.4	<3.0	<10

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Mercury water, unfltrd recover -able, ug/L (71900)	Molyb- denum, water, unfltrd recover -able, ug/L (01062)	Nickel, water, unfltrd recover -able, ug/L (01067)	Selen- ium, water, unfltrd ug/L (01147)	Silver, water, unfltrd recover -able, ug/L (01077)	Vanad- ium, water, unfltrd ug/L (01087)	Zinc, water, unfltrd recover -able, ug/L (01092)	Per- chlor- ate, water, unfltrd mg/L (62171)	Deu- terium/ Protium ratio, water, unfltrd per mil (82082)	O-18 / O-16 ratio, water, unfltrd per mil (82085)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	-44.7	-6.11
01N.29E.01.222122	12-05-02	E.02	E5.0	<40	E6.8	<10	49	E9.0	--	--	--
01N.29E.01.222122	03-18-03	<0.20	E5.4	<40	<15	<10	47	<20	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	-44.6	-6.19
01N.30E.03.213334	12-05-02	E.02	E4.3	<40	<15	<10	60	25	--	--	--
01N.30E.03.213334	03-19-03	E.03	E3.4	E2.0	E7.2	<10	56	490	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	-45.8	-6.22
01N.30E.05.112	12-05-02	E.02	E3.4	<40	<15	<10	50	36	--	--	--
01N.30E.05.112	03-19-03	E.03	E2.4	<40	<15	<10	52	E16	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	-44.2	-5.99
01N.30E.13.414424	12-02-02	E.03	E5.8	<40	E5.8	<10	65	E10	--	--	--
01N.30E.13.414424	03-19-03	E.03	E5.5	<40	E5.8	<10	72	<20	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	-66.6	-9.23
01N.30E.15.324	12-04-02	<0.20	E13	<40	20	E.89	E6.3	29	--	--	--
01N.30E.15.324	03-20-03	E.03	E9.8	E6.9	24	E.58	E4.9	30	<0.005	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	-66.8	-9.39
01N.30E.16.233	12-06-02	<0.20	E6.9	E12	<15	<10	15	22	--	--	--
01N.30E.16.233	03-20-03	E.04	E4.7	E6.7	E5.1	<10	E9.0	24	<0.001	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	-71.8	-10.00
01N.30E.19.43441	12-03-02	E.04	E14	E10	<15	<10	10	190	--	--	--
01N.30E.19.43441	03-18-03	<0.20	E19	<40	<15	<10	E3.3	50	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	-45.4	-6.47
01N.30E.22.321	12-04-02	<0.20	E18	<40	150	<10	10	49	--	--	--
01N.30E.22.321	03-20-03	E.04	E14	E3.0	150	<10	E7.1	E18	0.02	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	-58.5	-7.95
01N.30E.25.222	12-02-02	<0.20	E18	E8.0	<15	<10	<10	<20	--	--	--
01N.30E.25.222	03-17-03	<0.20	27	E6.8	<15	<10	<10	20	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	-64.5	-8.77
01N.30E.27.324	12-04-02	<0.20	28	E22	20	<10	11	38	--	--	--
01N.30E.27.324	03-21-03	E.04	28	E4.7	26	<10	E3.6	E9.2	0.0026	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	-45.4	-6.60
01S.29E.12.222222	12-03-02	E.02	E3.7	1.7	<15	<10	27	E8.9	--	--	--
01S.29E.12.222222	03-18-03	<0.20	E5.4	<40	<15	<10	34	<20	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	-42.0	-6.24
01S.30E.14.32131	12-06-02	<0.20	E11	<40	41	<10	22	150	--	--	--
01S.30E.14.32131	03-17-03	<0.20	E10	<40	34	<10	21	60	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	-60.9	-8.64
015.30E.18.2211	12-03-02	E.02	E7.6	<40	22	<10	E2.6	51	--	--	--
015.30E.18.2211	03-18-03	<0.20	E8.0	<40	23	<10	<10	32	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	-56.7	-7.99
01S.31E.04.444	12-06-02	E.03	E10	<40	17	<10	48	93	--	--	--
01S.31E.04.444	03-17-03	<0.20	E11	<40	E7.0	<10	32	E13	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	-42.8	-6.09
02N.30E.25.414	12-05-02	E.02	E5.2	<40	<15	<10	55	E12	--	--	--
02N.30E.25.414	03-19-03	E.03	E3.9	<40	E5.8	<10	52	E12	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Cyanide water, unfltrd EPA contrac rec, mg/L (99896)
01N.29E.01.222122	12-05-02	--
01N.29E.01.222122	12-05-02	E.003
01N.29E.01.222122	03-18-03	<0.01
01N.30E.03.213334	12-05-02	--
01N.30E.03.213334	12-05-02	E.004
01N.30E.03.213334	03-19-03	E.006
01N.30E.05.112	12-05-02	--
01N.30E.05.112	12-05-02	E.004
01N.30E.05.112	03-19-03	E.007
01N.30E.13.414424	12-02-02	--
01N.30E.13.414424	12-02-02	E.008
01N.30E.13.414424	03-19-03	E.006
01N.30E.15.324	12-04-02	--
01N.30E.15.324	12-04-02	E.003
01N.30E.15.324	03-20-03	E.005
01N.30E.16.233	12-06-02	--
01N.30E.16.233	12-06-02	E.003
01N.30E.16.233	03-20-03	E.005
01N.30E.19.43441	12-03-02	--
01N.30E.19.43441	12-03-02	E.003
01N.30E.19.43441	03-18-03	<0.01
01N.30E.22.321	12-04-02	--
01N.30E.22.321	12-04-02	E.003
01N.30E.22.321	03-20-03	<0.01
01N.30E.25.222	12-02-02	--
01N.30E.25.222	12-02-02	E.005
01N.30E.25.222	03-17-03	E.004
01N.30E.27.324	12-04-02	--
01N.30E.27.324	12-04-02	E.003
01N.30E.27.324	03-21-03	<0.01
01S.29E.12.222222	12-03-02	--
01S.29E.12.222222	12-03-02	E.004
01S.29E.12.222222	03-18-03	<0.01
01S.30E.14.32131	12-06-02	--
01S.30E.14.32131	12-06-02	E.003
01S.30E.14.32131	03-17-03	<0.01
015.30E.18.2211	12-03-02	--
015.30E.18.2211	12-03-02	E.003
015.30E.18.2211	03-18-03	<0.01
01S.31E.04.444	12-06-02	--
01S.31E.04.444	12-06-02	E.004
01S.31E.04.444	03-17-03	<0.01
02N.30E.25.414	12-05-02	--
02N.30E.25.414	12-05-02	E.004
02N.30E.25.414	03-19-03	E.0051

Remark codes used in this table:
< -- Less than
E -- Estimated value

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Station number	Date	Time	Organic carbon, water, unfltrd mg/L (00680)	CFC-113 water unfltrd undr N2 pg/kg (50283)	2,4,5-Tri-chloro-phenol, water, unfltrd ug/L (77687)	2,4,6-Tri-chloro-phenol, water, unfltrd ug/L (34621)	2,4-Di-chloro-phenol, water, unfltrd ug/L (34601)	2,4-Di-methyl-phenol, water, unfltrd ug/L (34606)	2,4-Di-nitro-phenol, water, unfltrd ug/L (34616)
01N.29E.01.222122	342046103503501	12-05-02	1320	--	5.5	--	--	--	--	--
01N.29E.01.222122	342046103503501	12-05-02	1321	E.70	--	--	--	--	--	--
01N.29E.01.222122	342046103503501	03-18-03	1415	E.62	--	--	--	--	--	--
01N.30E.03.213334	342031103464701	12-05-02	1200	--	0	--	--	--	--	--
01N.30E.03.213334	342031103464701	12-05-02	1201	E.29	--	--	--	--	--	--
01N.30E.03.213334	342031103464701	03-19-03	1230	E.43	--	--	--	--	--	--
01N.30E.05.112	342048103492701	12-05-02	1445	--	0	--	--	--	--	--
01N.30E.05.112	342048103492701	12-05-02	1446	<1.0	--	--	--	--	--	--
01N.30E.05.112	342048103492701	03-19-03	1515	<1.0	--	--	--	--	--	--
01N.30E.13.414424	341820103442601	12-02-02	1400	--	0	--	--	--	--	--
01N.30E.13.414424	341820103442601	12-02-02	1401	E.33	--	--	--	--	--	--
01N.30E.13.414424	341820103442601	03-19-03	0815	<1.0	--	--	--	--	--	--
01N.30E.15.324	341825103470301	12-04-02	1200	--	76.2	--	--	--	--	--
01N.30E.15.324	341825103470301	12-04-02	1201	<1.0	--	--	--	--	--	--
01N.30E.15.324	341825103470301	03-20-03	1005	<1.0	--	<10	<10	<10	<10	<50
01N.30E.16.233	341845103475801	12-06-02	0900	--	81.4	--	--	--	--	--
01N.30E.16.233	341845103475801	12-06-02	0901	<1.0	--	--	--	--	--	--
01N.30E.16.233	341845103475801	03-20-03	0810	E.47	--	<10	<10	<10	<10	<50
01N.30E.19.43441	341720103494701	12-03-02	1000	--	112	--	--	--	--	--
01N.30E.19.43441	341720103494701	12-03-02	1001	1.8	--	--	--	--	--	--
01N.30E.19.43441	341720103494701	03-18-03	0915	1.5	--	--	--	--	--	--
01N.30E.22.321	341743103470801	12-04-02	1420	--	1,240	--	--	--	--	--
01N.30E.22.321	341743103470801	12-04-02	1421	6.5	--	--	--	--	--	--
01N.30E.22.321	341743103470801	03-20-03	1200	6.2	--	<10	<10	<10	<10	<50
01N.30E.25.222	341714103442502	12-02-02	1530	--	27.1	--	--	--	--	--
01N.30E.25.222	341714103442502	12-02-02	1531	E.74	--	--	--	--	--	--
01N.30E.25.222	341714103442502	03-17-03	1010	1.1	--	--	--	--	--	--
01N.30E.27.324	341640103470501	12-04-02	1000	--	97.5	--	--	--	--	--
01N.30E.27.324	341640103470501	12-04-02	1001	E.63	--	--	--	--	--	--
01N.30E.27.324	341640103470501	03-21-03	0830	E.31	--	<10	<10	<10	<10	<50
01S.29E.12.222222	341954103503101	12-03-02	1330	--	39.3	--	--	--	--	--
01S.29E.12.222222	341954103503101	12-03-02	1331	E.80	--	--	--	--	--	--
01S.29E.12.222222	341954103503101	03-18-03	1200	E.95	--	--	--	--	--	--
01S.30E.14.32131	341828103460001	12-06-02	1510	--	64.7	--	--	--	--	--
01S.30E.14.32131	341828103460001	12-06-02	1511	E.96	--	--	--	--	--	--
01S.30E.14.32131	341828103460001	03-17-03	1415	E.75	--	--	--	--	--	--
015.30E.18.2211	341345103494301	12-03-02	1530	--	8.9	--	--	--	--	--
015.30E.18.2211	341345103494301	12-03-02	1531	1.3	--	--	--	--	--	--
015.30E.18.2211	341345103494301	03-18-03	1315	E.99	--	--	--	--	--	--
01S.31E.04.444	341440103411101	12-06-02	1225	--	59.4	--	--	--	--	--
01S.31E.04.444	341440103411101	12-06-02	1226	E.86	--	--	--	--	--	--
01S.31E.04.444	341440103411101	03-17-03	1225	E.61	--	--	--	--	--	--
02N.30E.25.414	342152103444201	12-05-02	1020	--	35.7	--	--	--	--	--
02N.30E.25.414	342152103444201	12-05-02	1021	E.29	--	--	--	--	--	--
02N.30E.25.414	342152103444201	03-19-03	1100	<1.0	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	2,4-Dinitrotoluene water unfltrd ug/L (34611)	2,6-Dinitrotoluene water unfltrd ug/L (34626)	2,6-Di-t-butyl-4-methylphenol, wat unf ug/L (61698)	2-Chloronaphthalene, water, unfltrd ug/L (34581)	2-chlorophenol, water, unfltrd ug/L (34586)	2-Methyl-4,6-dinitrophenol, wat unf ug/L (34657)	2-Methylnaphthalene, water, unfltrd ug/L (30194)	2-Nitroaniline water unfltrd ug/L (30195)	2-nitrophenol, water unfltrd ug/L (34591)	3,3-Di'chlorobenzidine, water, unfltrd ug/L (34631)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	<10	<10	<10	<10	<50	<10	<50	<10	<50
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	<10	<10	<10	<10	<50	<10	<50	<10	<50
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	<10	<10	<10	<10	<50	<10	<50	<10	<50
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	<10	<10	<10	<10	<50	<10	<50	<10	<50
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	3-Nitro-aniline water unfltrd ug/L (78300)	4-Bromo-phenyl phenyl ether, wat unf ug/L (34636)	4-Chloro-3-methyl-phenol, wat unf ug/L (34452)	4-chloro-aniline water, fltrd, ug/L (50312)	4-Chloro-phenyl phenyl ether, wat unf ug/L (34641)	4-Nitro-aniline water unfltrd ug/L (30196)	4-Nitro-phenol, water, unfltrd ug/L (34646)	9H-Fluor-ene, water, unfltrd ug/L (34381)	Ace-naphth-ene, water, unfltrd ug/L (34205)	Ace-naphth-ylene, water, unfltrd ug/L (34200)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<50	<10	<10	<10	<10	<50	<50	<10	<10	<10
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<50	<10	<10	<10	<10	<50	<50	<10	<10	<10
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<50	<10	<10	<10	<10	<50	<50	<10	<10	<10
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<50	<10	<10	<10	<10	<50	<50	<10	<10	<10
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	<10	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Aceto-phenone water unfltrd ug/L (62811)	Anthra-cene, water, unfltrd ug/L (34220)	Benzo-[a]-anthra-cene, water, unfltrd ug/L (34526)	Benzo-[a]-pyrene, water, unfltrd ug/L (34247)	Benzo-[b]-fluor-anthene water unfltrd ug/L (34230)	Benzo-[g,h,i]-per-ylene, water, unfltrd ug/L (34521)	Benzo-[k]-fluor-anthene water unfltrd ug/L (34242)	Benzyl alcohol water unfltrd ug/L (77147)	Benzyl n-butyl phthal-ate, water, unfltrd ug/L (34292)	Bis(2-chloro-ethoxy) methane water unfltrd ug/L (34278)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Bis(2-chloro-ethyl) ether, water, unfltrd ug/L (34273)	Bis(2-chloro-iso-propyl) ether, wat unf ug/L (34283)	Bis(2-ethyl-hexyl) phthal-ate, wat unf ug/L (39100)	Chrys-ene, water, unfltrd ug/L (34320)	Di-benzo-[a,h]-anthra-cene, wat unf ug/L (34556)	Di-benzo-furan, water, unfltrd ug/L (81302)	CFC-12, water, unfltrd undr N2 pg/kg (50282)	Di-ethyl phthal-ate, water, unfltrd ug/L (34336)	Di-methyl phthal-ate, water, unfltrd ug/L (34341)	Di-n-butyl phthal-ate, water, unfltrd ug/L (39110)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	29.6	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	25.5	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	13.7	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	0	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	141	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	<10	<10	<10	<10	<10	--	<10	<10	<10
01N.30E.16.233	12-06-02	--	--	--	--	--	--	286	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	<10	<10	<10	<10	<10	--	<10	<10	<10
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	146	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	426	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	<10	E4.4	<10	<10	<10	--	<10	<10	<10
01N.30E.25.222	12-02-02	--	--	--	--	--	--	86.8	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	481	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	<10	<10	<10	<10	<10	--	<10	<10	<10
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	183	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	257	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	152	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	373	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	150	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Di-n-octyl phthalate, water, unfltrd ug/L (34596)	Diphenylamine, water, unfltrd ug/L (77579)	Fluoranthene water unfltrd ug/L (34376)	Hexachlorobenzene water unfltrd ug/L (39700)	Hexachlorocyclopentadiene, wat unf ug/L (34386)	Indeno[1,2,3-cd]pyrene, water, unfltrd ug/L (34403)	Isophorone water unfltrd ug/L (34408)	Nitrobenzene water unfltrd ug/L (34447)	N-NItroso-dimethylamine, wat unf ug/L (34438)	N-NItroso-di-n-propylamine, wat unf ug/L (34428)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	<10	<10	<10	<50	<10	<10	<10	<10	<10
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	N-NItroso-di-phenyl-amine, wat unf ug/L (34433)	o-Cresol, soil, ug/kg (62268)	Organic halides water unfltrd ug/L as Cl (79747)	Penta-chloro-benzene water unfltrd ug/L (77793)	Penta-chloro-ethane, water, unfltrd ug/L (81501)	Penta-chloro-phenol, water, unfltrd ug/L (39032)	Per-chlor-ate, water, unfltrd mg/L (62171)	Phenan-threne, water, unfltrd ug/L (34461)	Phenol, water, unfltrd ug/L (34694)	Pron-amide, water, unfltrd ug/L (39080)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	<10	<20	<10	<50	<50	<5.0	<10	<10	<20
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	<10	<20	<10	<50	<50	<1.0	<10	<10	<20
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	<10	32	<10	<50	<50	20	<10	<10	<20
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	<10	<20	<10	<50	<50	2.6	<10	<10	<20
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Pyrene, water, unfltrd ug/L (34469)	Tri-chloro-fluoro-methane wat unf undr N2 pg/kg (50281)	1,1,1,2 -Tetra-chloro-ethane, water, unfltrd ug/L (77562)	1,1,1- Tri-chloro-ethane, water, unfltrd ug/L (34506)	1,1,2,2 -Tetra-chloro-ethane, water, unfltrd ug/L (34516)	CFC-113 water unfltrd ug/L (77652)	1,1,2- Tri-chloro-ethane, water, unfltrd ug/L (34511)	1,1-Di-chloro-ethane, water unfltrd ug/L (34496)	1,1-Di-chloro-ethene, water, unfltrd ug/L (34501)	1,1-Di-chloro-propene water unfltrd ug/L (77168)
01N.29E.01.222122	12-05-02	--	40	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	16.5	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	4.5	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	1.2	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	256	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01N.30E.16.233	12-06-02	--	868	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01N.30E.19.43441	12-03-02	--	189	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	520	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01N.30E.25.222	12-02-02	--	147	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	722	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
01S.29E.12.222222	12-03-02	--	328	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	409	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	55.4	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	1,490	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	235	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	1,2,3-Trichlorobenzene water unfltrd ug/L (77613)	1,2,3-Trichloropropane water unfltrd ug/L (77443)	1,2,4-Trichlorobenzene water unfltrd ug/L (34551)	1,2,4-Trimethylbenzene water unfltrd ug/L (77222)	Dibromochloropropane water unfltrd ug/L (82625)	1,2-Dibromoethane, water, unfltrd ug/L (77651)	1,2-Dichlorobenzene water unfltrd ug/L (34536)	1,2-Dichloroethane, water, unfltrd ug/L (32103)	1,2-Dichloropropane water unfltrd ug/L (34541)	1,3,5-Trimethylbenzene water unfltrd ug/L (77226)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<1.0	<1.0	<10	<1.0	<2.0	<1.0	<10	<1.0	<1.0	<1.0
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<1.0	<1.0	<10	<1.0	<2.0	<1.0	<10	<1.0	<1.0	<1.0
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<1.0	<1.0	<10	<1.0	<2.0	<1.0	<10	<1.0	<1.0	<1.0
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<1.0	<1.0	<10	<1.0	<2.0	<1.0	<10	<1.0	<1.0	<1.0
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	1,3-Dichlorobenzene water unfltrd ug/L (34566)	1,3-Dichloropropane water unfltrd ug/L (77173)	1,4-Dichlorobenzene water unfltrd ug/L (34571)	2,2-Dichloropropane water unfltrd ug/L (77170)	2-Chlorotoluene water unfltrd ug/L (77275)	4-Chlorotoluene water unfltrd ug/L (77277)	4-Isopropyltoluene water unfltrd ug/L (77356)	Acetone water unfltrd ug/L (81552)	Benzene water unfltrd ug/L (34030)	Bromobenzene water unfltrd ug/L (81555)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	<1.0	<10	<5.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	<1.0	<10	<5.0	<1.0	<1.0	<1.0	E2.9	<1.0	<1.0
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	<1.0	<10	<5.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	<1.0	<10	<5.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Bromo-chloro-methane water unfltrd ug/L (77297)	Bromo-di-chloro-methane water unfltrd ug/L (32101)	Bromo-methane water unfltrd ug/L (34413)	Carbon di-sulfide water unfltrd ug/L (77041)	Chloro-benzene water unfltrd ug/L (34301)	Chloro-ethane, water, unfltrd ug/L (34311)	Chloro-methane water unfltrd ug/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd ug/L (77093)	cis-1,3-Di-chloro-propene water unfltrd ug/L (34704)	Di-bromo-chloro-methane water unfltrd ug/L (32105)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	E.20
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<1.0	<1.0	<2.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Dibromomethane water unfltrd ug/L (30217)	Dichlorodifluoromethane wat unf ug/L (34668)	Diisopropyl ether, water, unfltrd ug/L (81577)	Ethyl methyl ketone, water, unfltrd ug/L (81595)	Ethylbenzene water unfltrd ug/L (34371)	Hexachlorobutadiene, water, unfltrd ug/L (39702)	Hexachloroethane, water, unfltrd ug/L (34396)	Isobutyl methyl ketone, water, unfltrd ug/L (78133)	Isopropylbenzene water unfltrd ug/L (77223)	meta- + para-Xylene, water, unfltrd ug/L (85795)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<1.0	<2.0	<10	<5.0	<1.0	<10	<10	<5.0	<1.0	<2.0
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<1.0	<2.0	<10	<5.0	<1.0	<10	<10	<5.0	<1.0	<2.0
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<1.0	<2.0	<10	<5.0	<1.0	<10	<10	<5.0	<1.0	<2.0
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<1.0	<2.0	<10	<5.0	<1.0	<10	<10	<5.0	<1.0	<2.0
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Naphthalene, water, unfltrd ug/L (34696)	Methyl n-butyl ketone, water, unfltrd ug/L (77103)	n-Butyl benzene water unfltrd ug/L (77342)	n-propyl-benzene water unfltrd ug/L (77224)	o-Xylene, water, unfltrd ug/L (77135)	sec-Butyl-benzene water unfltrd ug/L (77350)	Styrene water unfltrd ug/L (77128)	Methyl t-butyl ether, water, unfltrd ug/L (78032)	tert-Butyl-benzene water unfltrd ug/L (77353)	Tetrachloroethene, water, unfltrd ug/L (34475)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<10	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<10	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<10	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<10	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003—Continued

ROOSEVELT COUNTY--Continued

Local identifier	Date	Tetra-chloro-methane water unfltrd ug/L (32102)	Toluene water unfltrd ug/L (34010)	trans-1,2-Di-chloro-ethene, water, unfltrd ug/L (34546)	trans-1,3-Di-chloro-propene water unfltrd ug/L (34699)	Tri-bromo-methane water unfltrd ug/L (32104)	Tri-chloro-ethene, water, unfltrd ug/L (39180)	Tri-chloro-fluoro-methane water unfltrd ug/L (34488)	Tri-chloro-methane water unfltrd ug/L (32106)
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--
01N.29E.01.222122	12-05-02	--	--	--	--	--	--	--	--
01N.29E.01.222122	03-18-03	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--
01N.30E.03.213334	12-05-02	--	--	--	--	--	--	--	--
01N.30E.03.213334	03-19-03	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--
01N.30E.05.112	12-05-02	--	--	--	--	--	--	--	--
01N.30E.05.112	03-19-03	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--
01N.30E.13.414424	12-02-02	--	--	--	--	--	--	--	--
01N.30E.13.414424	03-19-03	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--
01N.30E.15.324	12-04-02	--	--	--	--	--	--	--	--
01N.30E.15.324	03-20-03	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<2.0	<1.0
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--
01N.30E.16.233	12-06-02	--	--	--	--	--	--	--	--
01N.30E.16.233	03-20-03	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<2.0	<1.0
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--
01N.30E.19.43441	12-03-02	--	--	--	--	--	--	--	--
01N.30E.19.43441	03-18-03	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--
01N.30E.22.321	12-04-02	--	--	--	--	--	--	--	--
01N.30E.22.321	03-20-03	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<2.0	<1.0
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--
01N.30E.25.222	12-02-02	--	--	--	--	--	--	--	--
01N.30E.25.222	03-17-03	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--
01N.30E.27.324	12-04-02	--	--	--	--	--	--	--	--
01N.30E.27.324	03-21-03	<1.0	<1.0	<0.50	<1.0	<1.0	<1.0	<2.0	<1.0
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--
01S.29E.12.222222	12-03-02	--	--	--	--	--	--	--	--
01S.29E.12.222222	03-18-03	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--
01S.30E.14.32131	12-06-02	--	--	--	--	--	--	--	--
01S.30E.14.32131	03-17-03	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--
015.30E.18.2211	12-03-02	--	--	--	--	--	--	--	--
015.30E.18.2211	03-18-03	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--
01S.31E.04.444	12-06-02	--	--	--	--	--	--	--	--
01S.31E.04.444	03-17-03	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--
02N.30E.25.414	12-05-02	--	--	--	--	--	--	--	--
02N.30E.25.414	03-19-03	--	--	--	--	--	--	--	--

Remark codes used in this table:
< -- Less than
E -- Estimated value

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003--Continued

EL PASO COUNTY, TX

Local identifier	Station number	County	Station type	Date	Time	Geologic unit	Depth of well, feet below LSD (72008)	Depth to bot sample intrval feet below LSD (72016)	Depth to top sample intrval feet below LSD (72015)	Depth to water level, feet below LSD (72019)
JL-49-04-466	315712106364301	141	GW	09-03-03	1410	110AVMB	59.00	57	52	10.60
JL-49-04-467	315712106364302	141	GW	09-03-03	1645	112SNTF	159.00	157	152	11.90
JL-49-04-468	315712106364303	141	GW	09-04-03	1010	112SNTF	299.00	297	292	41.78
JL-49-04-469	315712106364304	141	GW	09-04-03	1630	112SNTF	800.00	798	792	71.38
JL-49-04-478	315712106361201	141	GW	09-09-03	0940	110AVMB	52.00	50	45	10.53
JL-49-04-479	315712106361202	141	GW	09-09-03	1300	112SNTF	156.00	154	149	19.66
JL-49-04-480	315712106361203	141	GW	09-09-03	1630	112SNTF	334.00	332	327	43.99
JL-49-04-481	315712106361204	141	GW	09-10-03	1330	112SNTF	803.00	801	796	65.38

Local identifier	Date	Altitude of land surface feet (72000)	Flow rate, instantaneous gal/min (00059)	Pump or flow period prior to sampling, minutes (72004)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)
JL-49-04-466	09-03-03	3,771	<2.0	--	669	0.2	3	7.6	1,240	32.5	24.0
JL-49-04-467	09-03-03	3,771	5.0	--	667	--	--	7.6	1,720	34.5	22.0
JL-49-04-468	09-04-03	3,771	5.0	130	670	<0.1	--	8.3	992	26.5	24.5
JL-49-04-469	09-04-03	3,771	4.6	310	670	<0.1	--	9.2	380	32.5	29.5
JL-49-04-478	09-09-03	3,777	4.0	80	666	0.1	1	7.7	1,130	31.0	19.0
JL-49-04-479	09-09-03	3,777	2.6	115	665	<0.1	--	7.9	1,120	34.0	20.0
JL-49-04-480	09-09-03	3,777	4.0	145	663	<0.1	--	8.5	975	32.0	23.5
JL-49-04-481	09-10-03	3,777	4.3	345	665	<0.1	--	9.0	1,990	29.5	28.0

Local identifier	Date	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Noncarb hardness, wat flt field, mg/L as CaCO3 (00904)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium adsorption ratio (00931)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)
JL-49-04-466	09-03-03	350	140	102	22.2	8.88	3	114	211	257	--
JL-49-04-467	09-03-03	130	--	40.1	5.96	5.01	12	299	313	382	--
JL-49-04-468	09-04-03	110	26	35.9	3.59	3.93	6	151	80	97	--
JL-49-04-469	09-04-03	7	--	2.56	0.025	0.57	14	81.1	68	54	14
JL-49-04-478	09-09-03	230	55	55.0	21.2	9.64	4	123	173	211	--
JL-49-04-479	09-09-03	180	--	62.1	5.17	5.33	5	151	E158	E192	--
JL-49-04-480	09-09-03	100	64	36.4	2.47	4.54	6	145	38	46	--
JL-49-04-481	09-10-03	180	--	69.2	0.318	3.86	11	334	E16	E13	3

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003--Continued

EL PASO COUNTY, TX--Continued

Local identifier	Date	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)
JL-49-04-466	09-03-03	125	0.6	32.2	212	747	780	0.46	0.12	<0.06	<0.008
JL-49-04-467	09-03-03	125	0.8	40.0	300	1,010	1,040	0.14	<0.04	<0.06	<0.008
JL-49-04-468	09-04-03	142	0.4	29.9	165	581	597	<0.10	<0.04	<0.06	<0.008
JL-49-04-469	09-04-03	26.3	1.1	34.7	64.0	251	254	<0.10	<0.04	<0.06	<0.008
JL-49-04-478	09-09-03	102	0.7	23.0	204	650	682	E.08	<0.04	0.55	<0.008
JL-49-04-479	09-09-03	105	<0.2	46.1	211	686	714	0.11	<0.04	<0.06	<0.008
JL-49-04-480	09-09-03	141	0.5	31.2	195	579	619	E.05	<0.04	<0.06	<0.008
JL-49-04-481	09-10-03	424	0.2	20.6	330	1,200	1,260	<0.10	<0.04	<0.06	<0.008

Local identifier	Date	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Aluminum, water, fltrd, ug/L (01106)	Arsenic water, fltrd, ug/L (01000)	Barium, water, fltrd, ug/L (01005)	Boron, water, fltrd, ug/L (01020)	Cadmium water, fltrd, ug/L (01025)	Chromium, water, fltrd, ug/L (01030)	Copper, water, fltrd, ug/L (01040)	Iron, water, fltrd, ug/L (01046)
JL-49-04-466	09-03-03	<0.02	0.007	E1	4	56.3	170	<0.2	<0.8	<1.2	119
JL-49-04-467	09-03-03	<0.02	0.008	E1	8	38.0	270	<0.2	<0.8	E.7	20
JL-49-04-468	09-04-03	<0.02	0.004	3	7	65.3	140	<0.2	<0.8	<1.2	<8
JL-49-04-469	09-04-03	<0.02	0.005	13	29	10.3	90	<0.2	<0.8	<1.2	<8
JL-49-04-478	09-09-03	<0.02	E.003	E1	3	26.4	200	<0.2	<0.8	E.7	1,030
JL-49-04-479	09-09-03	<0.02	E.004	2	16	62.6	170	<0.2	<0.8	<1.2	66
JL-49-04-480	09-09-03	<0.02	E.003	E1	13	37.3	100	<0.2	<0.8	<1.2	<8
JL-49-04-481	09-10-03	<0.02	<0.004	8	3	81.1	60	<0.2	<0.8	E.7	<8

Local identifier	Date	Lead, water, fltrd, ug/L (01049)	Lithium water, fltrd, ug/L (01130)	Mercury water, fltrd, ug/L (71890)	Nickel, water, fltrd, ug/L (01065)	Selenium, water, fltrd, ug/L (01145)	Silver, water, fltrd, ug/L (01075)	Strontium, water, fltrd, ug/L (01080)	Zinc, water, fltrd, ug/L (01090)
JL-49-04-466	09-03-03	<1	149	<0.02	2.0	<3	<0.3	2,050	73
JL-49-04-467	09-03-03	M	155	--	<2.0	<3	<0.3	517	14
JL-49-04-468	09-04-03	<1	74	<0.02	<2.0	<3	<0.3	494	35
JL-49-04-469	09-04-03	<1	20	<0.02	<2.0	<3	<0.3	23.7	78
JL-49-04-478	09-09-03	<1	126	<0.02	<2.0	3	<0.3	2,710	40
JL-49-04-479	09-09-03	<1	139	<0.02	<2.0	E2	<0.3	1,230	7
JL-49-04-480	09-09-03	<1	76	<0.02	<2.0	E2	<0.3	647	10
JL-49-04-481	09-10-03	M	155	<0.02	<2.0	4	<0.3	690	22

Remark codes used in this table:
< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Conversion Factors

Multiply	By	To obtain
	Length	
inch (in.)	2.54×10^{1}	millimeter (mm)
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter (m)
mile (mi)	1.609×10^{0}	kilometer (km)
	Area	
acre	4.047×10^{3}	square meter (m^2)
	4.047×10^{-1}	square hectometer (hm^2)
	4.047×10^{-3}	square kilometer (km^2)
square mile (mi^2)	2.590×10^{0}	square kilometer (km^2)
	Volume	
gallon (gal)	3.785×10^{0}	liter (L)
	3.785×10^{-3}	cubic meter (m^3)
	3.785×10^{0}	cubic decimeter (dm^3)
million gallons (Mgal)	3.785×10^{3}	cubic meter (m^3)
	3.785×10^{-3}	cubic hectometer (hm^3)
cubic foot (ft^3)	2.832×10^{-2}	cubic meter (m^3)
	2.832×10^{1}	cubic decimeter (dm^3)
cubic-foot-per-second-per-day [(ft^3/s/d]	2.447×10^{3}	cubic meter (m^3)
	2.447×10^{-3}	cubic hectometer (hm^3)
acre-foot (acre-ft)	1.223×10^{3}	cubic meter (m^3)
	1.223×10^{-3}	cubic hectometer (hm^3)
	1.223×10^{-6}	cubic kilometer (km^3)
	Flow rate	
cubic foot per second (ft^3/s)	2.832×10^{1}	liter (L/s)
	2.832×10^{-2}	cubic meter per second (m^3/s)
	2.832×10^{1}	cubic decimeter per second (dm^3/s)
gallon per minute (gal/min)	6.309×10^{-2}	liter per second (L/s)
	6.309×10^{-5}	cubic meter per second (m^3/s)
	6.309×10^{-2}	cubic decimeter per second (dm^3/s)
million gallons per day (Mgal/d)	4.381×10^{-2}	cubic meter per second
	4.381×10^{1}	cubic decimeter per second (dm^3/s)
	Mass	
ton, short (2,000 lb)	9.072×10^{-1}	megagram (Mg) or metric ton

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$°F = (1.8 \times °C) + 32$$