SELECTED HYDROLOGIC DATA FOR JUAB VALLEY, UTAH, 1935-94

By Judy I. Steiger

U.S. GEOLOGICAL SURVEY

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CENTRAL UTAH WATER CONSERVANCY DISTRICT and the
EAST JUAB WATER CONSERVANCY DISTRICT

Salt Lake City, Utah
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U.S. DEPARTMENT OF THE INTERIOR

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Multiply	By	To obtain
cubic foot per second	0.02832	cubic meter per second
foot	0.3048	meter
gallon per minute	0.06308	liter per second
inch	25.4	millimeter
	0.0254	meter
mile	1.609	kilometer
square mile	2.59	square kilometer

Water temperature is reported in degrees Celsius (°C), which can be converted to degrees Fahrenheit (°F) by the following equation:

$$°F = 1.8\ (°C) + 32.$$

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

Specific conductance and water temperature are reported in metric units. Specific conductance is reported in microsiemens per centimeter at 25 degrees Celsius (µS/cm). Chemical concentration is reported in milligrams per liter (mg/L) or micrograms per liter (µg/L). Milligrams per liter is a unit expressing the solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter. For concentrations less than 7,000 milligrams per liter, the numerical value is about the same as concentration in parts per million.

SELECTED HYDROLOGIC DATA FOR JUAB VALLEY, UTAH, 1935-94

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INTRODUCTION

This report contains selected hydrologic data collected in Juab Valley, Utah, from 1935 to 1994. The study area is in eastern Juab County in central Utah. The area is bounded on the east by the Wasatch Range and San Pitch Mountains and on the west by Long Ridge and West Hills. A ground-water divide exists south of Levan Ridge, a topographic divide that separates the valley into northern and southern parts. The area is in the Basin and Range Physiographic Province described by Fenneman (1931) and includes about 171 square miles of basin-fill deposits (pl. 1).

Most of the data in this report were collected by the U.S. Geological Survey in cooperation with the Central Utah Water Conservancy District and the East Juab Water Conservancy District. Some of the earlier data were published previously by Bjorklund (1967) and Bjorklund and Robinson (1968). Some well-location names have been changed from those published previously because new larger-scale maps allow location to be plotted more accurately. The changes are footnoted in the tables.

The purpose of this report is to provide hydrologic data for use by the general public and by officials managing the water resources of the area and to supplement interpretive reports for the area. Selected well, spring, surface-water, and rock-sample data are reported in tables 1 to 10. Selected data, including well depth and water level, are reported for 283 wells, and results of chemical analyses are reported for samples from 74 wells, 15 springs, and 7 surface-water sites. The numbering system used in Utah for hydrologic-data sites is shown in figure 1. Locations of the hydrologic-data sites and the rock-sample site are shown on plate 1. Discharge-measurement sites on Salt Creek, on selected canals, and in the West Creek area are shown in figure 2.

These data could not have been collected without the cooperation of local residents and officials of irrigation companies and municipalities that permitted access to their wells, springs, and property.

REFERENCES CITED

Bjorklund, L.J., 1967, Ground-water resources of northern Juab Valley, Utah: Utah State Engineer Technical Publication No. 17, 69 p.

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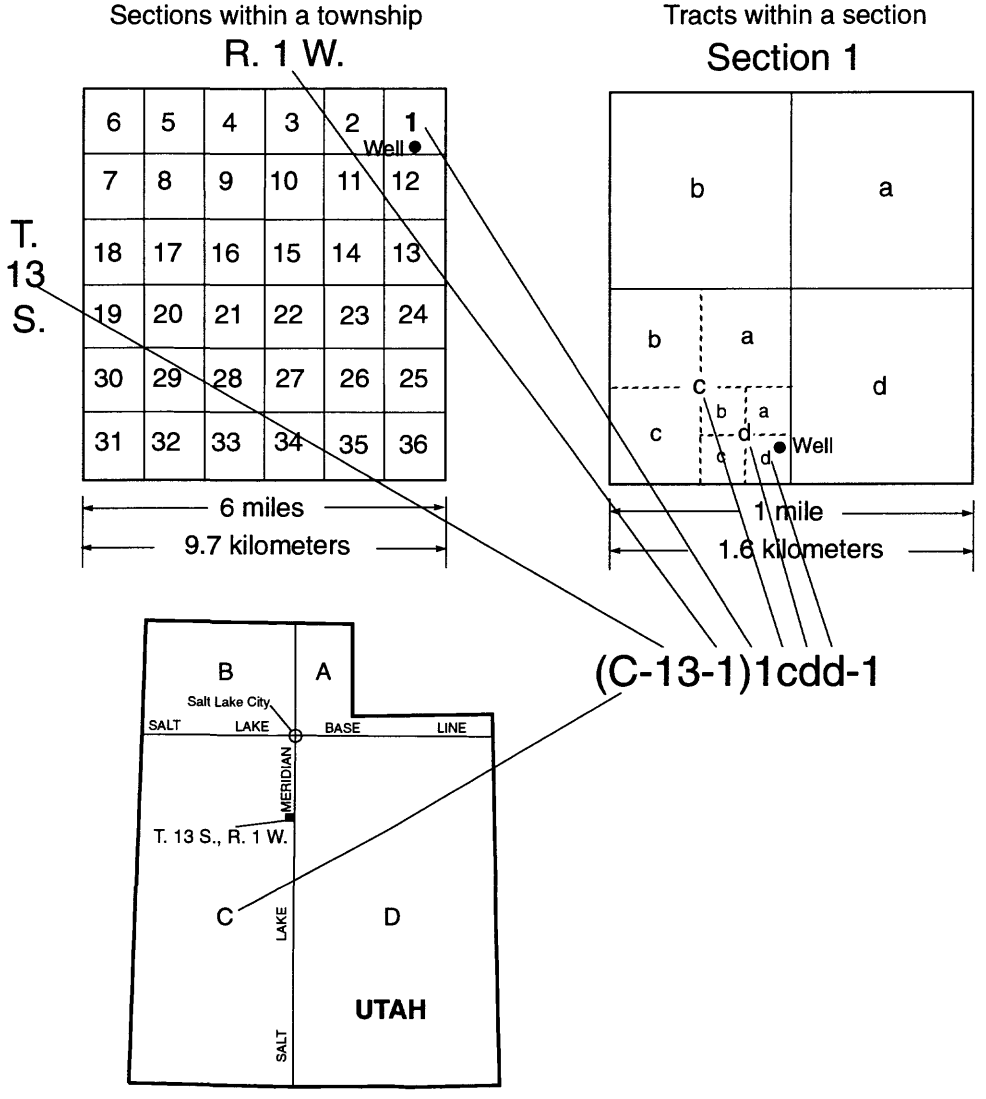
Fenneman, N.M., 1931, Physiography of the western United States: McGraw-Hill, New York, 534 p.

Witkind, I.J., and Weiss, M.P., 1991, Geologic map of the Nephi 30- X 60-minute quadrangle, Carbon, Emery, Juab, Sanpete, Utah, and Wasatch Counties, Utah: U.S. Geological Survey Miscellaneous Investigations Series Map I-1937, scale 1:100,000.

Witkind, I.J., Weiss, M.P., and Brown, T.L., 1987, Geologic map of the Manti 30- X 60-minute quadrangle, Carbon, Emery, Juab, Sanpete, and Sevier Counties, Utah: U.S. Geological Survey Miscellaneous Investigations Series Map I-1631, scale 1:100,000.

The system of numbering wells and springs in Utah is based on the cadastral land-survey system of the U.S. Government. The number, in addition to designating the well or spring, describes its position in the land net. The land-survey system divides the State into four quadrants separated by the Salt Lake Base Line and the Salt Lake Meridian. These quadrants are designated by the upper-case letters A, B, C, and D, indicating the northeast, northwest, southwest, and southeast quadrants, respectively. Numbers designating the township and range, in that order, follow the quadrant letter, and all three are enclosed in parentheses. The number after the parentheses indicates the section and is followed by three letters indicating the quarter section, the quarter-quarter section, and the quarter-quarter-quarter section—generally 10 acre tracts for regular sections[1]; The lowercase letters a, b, c, and d indicate, respectively, the northeast, northwest, southwest, and southeast quarters of each subdivision. The number after the letters is the serial number of the well or spring within the 10-acre tract. The letter 'S' preceding the serial number designates a spring. A number having all three quarter designations but without the letter S and serial number indicates a miscellaneous data site other than a well or spring, such as outflow from a group of springs. Thus, (C-13-1)1cdd-1 designates the first well constructed or visited in the southeast 1/4 of the southeast 1/4 of the southwest 1/4 in section 1, T. 13 S., R. 1 W.



[1]Although the basic land unit, the section, is theoretically 1 square mile, many sections are irregular. Such sections are subdivided into 10-acre tracts, generally beginning at the southeast corner, and the surplus or shortage is taken up in the tracts along the north and west sides of the section.

Figure 1. Numbering system used in Utah for hydrologic-data sites.

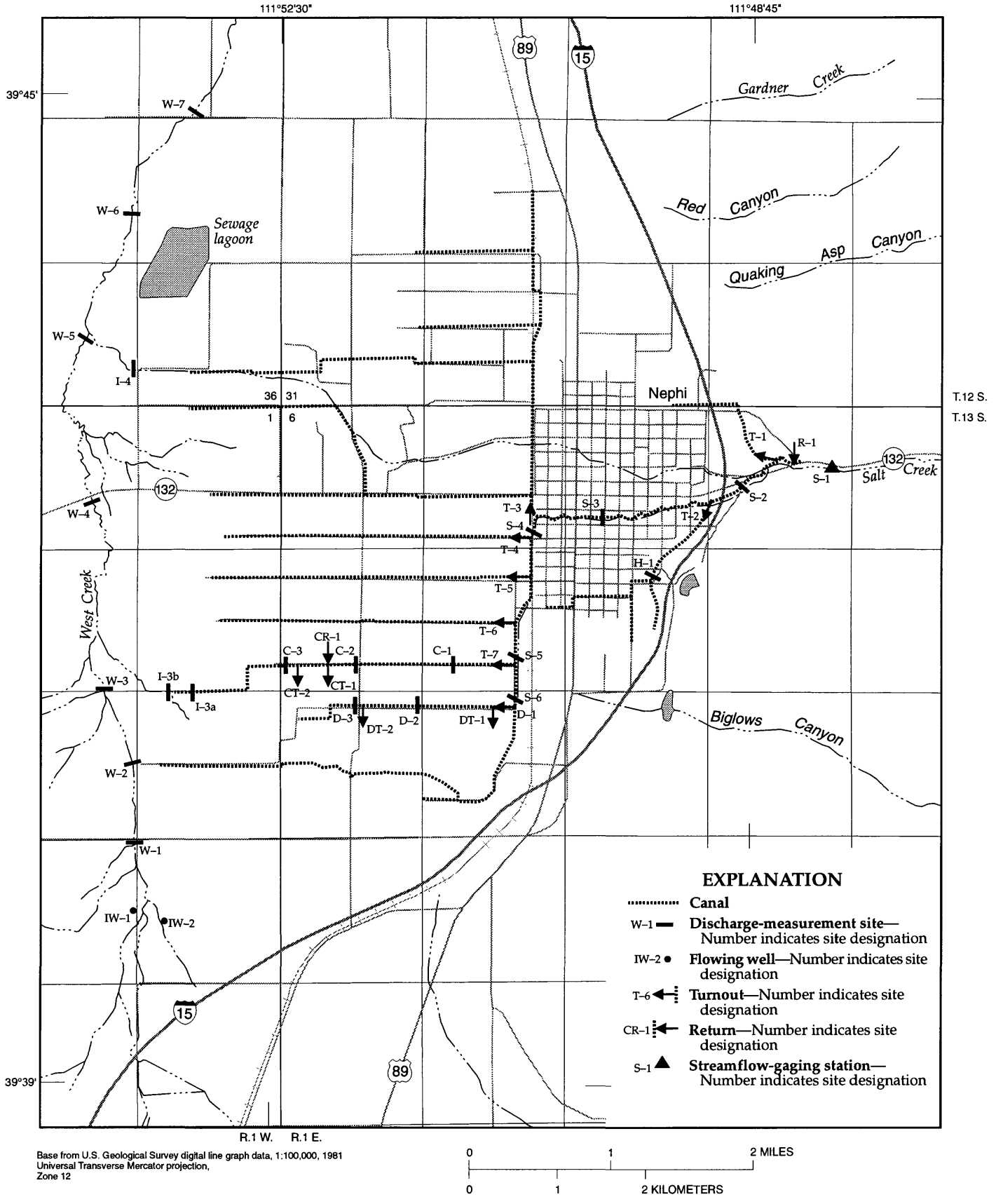


Figure 2. Discharge-measurement sites on Salt Creek, on selected canals, and in the West Creek area, Juab Valley, Utah.

Table 1. Records of selected wells in Juab Valley, Utah

[—, no data]

Location: See figure 1 for an explanation of the numbering system for hydrologic-data sites.
Owner or user: Refers to last known owner or user.
Primary use of water: S, stock; U, unused; I, irrigation; H, domestic or household; N, industrial; P, public supply.
Depth drilled: Greatest depth drilled or measured.
Casing: Diameter: Reported from drillers' logs or measured in the field. Finish: P, perforated; S, screened; X, open hole. Upper and lower
Water level: R, well recently pumped; P, well being pumped when water level was measured.
Yield: Rate: gal/min, gallons per minute; F, natural flow; e, estimated; P, pumped; r, reported.
Physical properties: µS/cm, microsiemens per centimeter at 25 degrees Celsius; °C, degrees Celsius.
Other data available: L, drillers' log (table 2); W, water-level measurement (table 3); D, flowing-well discharge (table 4); C, chemical

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing			
					Diameter (inches)	Depth (feet)	Finish (feet)	
(C-11-1)24ddd-1	Pitt, Louis	1920	S	38	48	—	—	—
(C-12-1)13bcd-1	—	—	U	15	2	—	—	—
(C-12-1)13dab-1	Brough, Claudia	1963	S	110	4	105	P	86-104
[1] (C-12-1)13dbd-1	Brough, Claudia	1963	S	110	4	105	P	86-104
(C-12-1)13dcd-1	Brough, Claudia	1961	S	90	4,3	90	P	81-90
(C-12-1)14add-1	Bureau of Land Management	1941	S	106	4	106	P	86-?
(C-12-1)24aab-1	U.S. Fish and Wildlife Service	1961	U	90	4	90	P	81-90
(C-12-1)24baa-1	Brough, Claudia	1961	S	66	4,3	66	P	60-66
(C-12-1)24dba-1	Brough, Claudia	1961	S	100	4,3	100	P	0-10
(C-12-1)24ddc-1	Brough, Claudia	1896	U	150	2	100	—	—
(C-12-1)24ddc-2	Brough, Claudia	—	U	59	4	—	—	—
(C-12-1)24ddc-3	Brough, Claudia	—	U	150	1.5	—	—	—
(C-12-1)24ddd-1	Bowles, Lee	1900	S	100	2	—	—	—
(C-12-1)25aab-1	Bowles, Carl	1890	U	—	2	—	—	—
(C-12-1)25bdd-1	Winn, Herbert	1965	I	175	16	166	P	64-166
(C-12-1)25daa-1	Bureau of Reclamation	1957	U	17	3	—	—	—
(C-12-1)35dba-1	Sperry, W.D.	—	U	—	8	—	—	—
(C-12-1)36aaa-1	Bureau of Reclamation	1959	U	24	3	—	—	—
(C-12-1)36abd-1	Winn, Herbert	1963	U	205	16	205	P	38-202
(C-12-1)36caa-1	Winn, Dean	1925	U	65	6	65	P	55-65
(C-12-1)36dcb-1	Cazier, Edna	1915	S	60	6	—	—	—
(C-12-1)36dcb-2	U.S. Geological Survey	1993	U	30	2	28	P	25.5-28
(C-13-1)1cad-1	Holley, Jon	1977	S	142	6	142	P	120-142
(C-13-1)1cdd-1	Lunt, Ora	1925	S	150	6	—	—	—
(C-13-1)1daa-1	Peterson, Cary	1951	I	114	16	114	P	36-38 72-92 102-106
(C-13-1)1daa-2	Peterson, Cary	1973	I	100	12	100	P	53-94
(C-13-1)1daa-3	Scott, Bryon	1989	H	—	6	100	—	—
(C-13-1)2ada-1	Sperry, Howard	1991	S	124	6	124	P	90-124
(C-13-1)3ada-1	Moroni Feed Company	1980	S	150	6	150	P	125-150
(C-13-1)3dad-1	Peterson, Cary	1964	S	—	6	242	—	—
(C-13-1)11bbc-1	Crane, H.C.	1941	U	133	3	133	—	—
(C-13-1)11bbc-2	Hansen, Dean	—	U	122	6	—	—	—
(C-13-1)11ddc-1	Hall, Perry C.	1941	U	103	4	103	—	—
(C-13-1)12acc-1	Hall, John Ray	1950	U	26	8	25	P	20-25
(C-13-1)12adc-1	Worthington, Scott	1980	H	160	6	160	P	140-160
[2] (C-13-1)12bdb-1	Hall, Perry C.	—	S	30	1.5	30	—	—

limits of perforations reported in feet below land surface if known and questioned (?) if extent of perforated interval is unknown.

analyses (table 6); I, chemical analyses for sulfide and isotopes (table 8).

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)	Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
4,915	28.67	03-03-93	—	—	—	—	—	W
4,936	12.73	03-19-93	—	—	—	—	—	
4,920	-20.8	06-15-65	80 F,e	06-15-65	—	—	—	
4,915	-15.9	03-19-93	13 F	03-19-93	1,390	12.0	09-10-93	L,W,D
4,931	-11.9	03-19-93	3.2 F	03-19-93	1,380	12.0	09-10-93	W,D,C
4,995	51.81	03-19-93	—	—	—	—	—	W
4,933	—	—	2.4 F	09-10-93	1,390	11.5	09-10-93	D
4,935	-8.8	03-03-93	20 F	03-03-93	1,220	12.5	09-10-93	W,D,C,I
4,935	-9.5	03-19-93	18 F	03-19-93	1,150	12.0	10-26-93	W,D
4,955	-7.2	07-13-65	.5 F	04-06-65	—	—	—	W,D
4,955	2.34	03-19-93	—	—	—	—	—	W
4,955	—	—	2.1 F	11-20-35	—	—	—	
4,956	-1.19	03-12-93	4.1 F	03-19-93	—	—	—	W
4,957	.95	03-19-93	—	—	—	—	—	W
4,965	7.45	03-09-93	—	—	—	—	—	W
4,978	14.6	04-08-65	—	—	—	—	—	
	dry	05-20-92						
4,971	6.90	03-09-93	—	—	—	—	—	W
4,994	13.13	05-20-92	—	—	—	—	—	W
4,994	27.97	03-09-93	—	—	—	—	—	L,W
4,992	23.83	08-03-65	—	—	—	—	—	W
4,997	20.74	03-24-93	—	—	—	—	—	W
4,995	12.13	03-28-94	—	—	—	—	—	W
5,001	—	—	—	—	—	—	—	
5,002	—	—	—	—	980	11.5	07-10-91	W,C
5,020	37.25	03-08-93	—	—	—	—	—	W
5,022	—	—	—	—	—	13.0	08-04-93	C,I
5,019	—	—	—	—	—	—	—	
4,982	9.66	03-04-93	—	—	—	—	—	W
5,050	69.30 R	03-09-93	—	—	—	—	—	W
5,070	95.60	03-09-93	—	—	4,900	22.0	07-16-93	W,C,I
5,038	61.25	03-31-65	—	—	1,610	—	10-17-51	C
5,038	50.39	03-09-93	—	—	—	—	—	W
4,999	—	—	—	—	550	14.5	07-13-64	C
5,010	17.29	03-08-93	—	—	1,840	9.5	07-09-64	W, C
5,019	37.70	03-08-93	—	—	—	11.5	08-05-93	L,W,C,I
5,000	8.43	03-08-93	—	—	—	—	—	W

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing		
					Diameter (inches)	Depth (feet)	Finish (feet)
(C-13-1)12dbb-1	Jarrett, Thyne	1977	S	140	6	140	P 130-140
(C-13-1)14bdc-1	Hall, Perry C.	1945	U	135	6	—	— —
(C-13-1)14caa-1	U.S. Geological Survey	1993	U	34	2	34	P 31.5-34
(C-13-1)14dbb-1	Belliston, A.E.	1945	S	107	4	—	— —
(C-13-1)22acb-1	LDS Church–Sunrise Ranch Inc.	1966	S	260	8	206	P 125-206
(C-13-1)23add-1	LDS Church	1942	S	99	4	99	P 81-99
(C-13-1)23bab-1	LDS Church–Canyon Rim Stake	1969	S	152	6	147	P 106-147
(C-13-1)23cdc-1	LDS Church	1923	U	120	5.5	116	— —
(C-13-1)23dbb-1	LDS Church	1921	U	80	6	—	P 60-67
(C-13-1)24cbb-1	—	—	S	—	12	—	— —
(C-13-1)26aad-1	Edward Kendall Estate	1913	—	66	3	—	— —
(C-13-1)26aad-2	Kendall, Tom	1970	S	79	6	79	P 68-79
[3] (C-14-1)14bad-1	Grace, C.H.	1919	S	140	6	—	P 100-140
(C-14-1)14cac-1	Worthington, J.E.	1943	S	120	5	120	— —
(C-14-1)22ddc-1	Coastal States Energy Company	1979	N	490	8	490	P 160-490
(C-14-1)24ccc-1	Jones, Don	1979	U	85	8	70	— —
(C-14-1)25bdd-1	Paynter, Charles	1951	I	227	16	227	P 70-87 98-101 108-112 157-163 171-175 200-227
(C-14-1)26aba-1	Nielson, Grant	1961	S	[4]840	16,12	770	P 155-567 590-770
(C-14-1)26bbb-1	Nielson, Grant	—	S	77	6	—	— —
(C-14-1)26cdc-1	—	—	U	—	8	—	— —
(C-14-1)26dbd-1	Jones, Don	1977	I	595	16	595	P 200-595
(C-14-1)26dbd-2	—	—	U	—	12	—	— —
(C-14-1)26dca-1	Jones, Don	1973	U	301	16	301	P 86-295
(C-14-1)26dcd-2	Jones, Don	1973	I	456	16	456	P 35-454
(C-14-1)27aaa-1	Harper, Ross	1954	I	400	16	400	P 106-109 212-235 314-325 329-337 351-357 366-382
(C-14-1)32abc-1	Hall, Jerold M.	1978	S	520	6	520	— —
(C-14-1)34bdd-1	Paystrup, James	1943	U	63	4	62	— —
(C-14-1)35adc-1	Jones, Don	—	I	—	—	—	— —
(C-14-1)35dcc-1	Taylor, Almira	1920	U	225	2	—	— —
(C-14-1)35dcd-1	Jones, Don	1979	U	66	8	61	— —
(C-14-1)35ddb-1	Jones, Don	—	I	—	—	—	— —
(C-14-1)36adb-1	Phillips, Garn	1962	I	359	16	359	P 130-357
(C-15-1)1baa-1	Kenison, Albert	1971	I	280	16	280	P 82-275
(C-15-1)1caa-1	Kenison, Albert	1976	I	252	16	252	P 84-252
(C-15-1)2baa-1	Jones, Don	1979	U	66	8	61	— —
(C-15-1)2bba-2	Wankier, Farrell	1991	S	100	6	100	P 77-79 85-97
(C-15-1)2ccd-1	Kenison Partnership	1976	S	160	6	160	P 135-160

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)		Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
5,011	24.41	03-08-93	—		—	—	—	—	W
5,046	13.83	03-04-93	—		—	770	13.5	10-18-51	W,C
5,040	25.31	03-28-94	—		—	—	—	—	W
5,039	12.89	03-03-93	—		—	770	14.0	06-11-64	W,C
5,258	74.20	03-08-93	—		—	—	—	—	W
5,048	19.65	03-31-65	10	F,e	03-08-93	2,250	13.0	09-08-93	W,C,D,I
5,100	64.70	03-04-93	—		—	—	—	—	L,W
5,132	73.95	03-08-93	—		—	880	—	06-11-64	W,C
5,077	9.35	03-08-93	—		—	—	—	—	W
5,050	—	—	16	F	12-14-93	2,850	11.5	12-14-93	
5,092	53.28	04-15-49	—		—	—	—	—	
	54.62	10-18-51							
5,092	17.56	09-20-93	—		—	—	—	—	
5,222	44.24	03-01-94	—		—	—	—	—	W
5,228	—	—	—		—	3,250	13.0	08-25-93	C
5,182	67.18	03-24-93	—		—	6,020	22.5	09-02-92	L,W,C,I
5,193	—	—	—		—	—	—	—	
5,225	76.69	03-02-93	—		—	—	—	—	L,W
5,174	45.80	03-26-93	—		—	—	—	—	L,W
5,168	20.96	03-24-93	—		—	—	—	—	W
5,173	—	—	—		—	—	—	—	
5,190	—	—	980	P	08-02-93	1,130	14.0	08-02-93	
5,186	—	—	—		—	—	—	—	
5,192	64.80	03-26-93	—		—	—	—	—	W
5,194	55.56	03-02-93	512	P	06-24-76	1,450	14.5	06-24-76	W
5,170	35.80	03-02-93	—		—	—	—	—	W
5,460	—	—		—	—	—	—	—	
5,134	14.33	05-02-63		—	—	—	—	—	
5,205	—	—		—	—	—	—	—	
5,193	—	—		—	—	—	—	—	
5,201	dry	04-28-92		—	—	—	—	—	
5,200	—	—	800	P	08-02-93	1,160	13.0	07-21-93	
5,258	102.81	04-24-63	1,920	P	07-19-93	1,360	13.0	07-19-93	C
5,230	—	—	1,980	P	07-20-93	1,240	12.5	07-20-93	C,I
5,235	—	—	1,080	P	07-15-92	1,240	12.0	07-20-93	L
5,187	59.03	03-26-93	—		—	—	—	—	W
5,172	42.08	03-26-93	—		—	—	—	—	W
5,152	—	—	—		—	—	—	—	

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing		
					Diameter (inches)	Depth (feet)	Finish (feet)
(C-15-1)2ddd-1	Kenison, Alan	1975	H	148	6	148	P 128-148
[5] (C-15-1)3abb-1	Kenison, Alan	1951	I	318	14,10	310	P 150-310
(C-15-1)3abb-2	Kenison, Alan	1979	I	493	12	493	P 40-493
(C-15-1)3add-1	Kenison Partnership	—	I	—	—	—	— —
(C-15-1)4adb-1	—	—	U	132	6	—	— —
(C-15-1)4ddd-3	Moss, Hoitt	—	S	—	6	—	— —
(C-15-1)5dbb-1	Hall, Jerold M.	1982	S	305	6	305	P 200-305
(C-15-1)9add-1	Hall, Jerold M.	1965	I	255	8	255	P 65-75 85-100 120-130 150-170 185-195 220-240
(C-15-1)9cba-1	Moss, Hoitt	1951	H	350	5	330	P 230-330
(C-15-1)10aab-1	Powell, Eugene	1939	I	200	8	200	P 118-? 180-200
(C-15-1)10aac-1	Powell, Eugene	1957	S	314	8	260	P 120-129 163-172 178-182 205-211 225-228
(C-15-1)10acc-1	Powell, Clyde	1992	S	355	12	350	P 132-350
(C-15-1)10bda-1	Powell, Eugene	1951	U	212	6	212	— —
(C-15-1)10bdd-1	Powell, Eugene	1977	U	140	6	140	P 120-140
(C-15-1)10bdd-2	U.S. Geological Survey	1993	U	24	2	24	P 21.5-24
(C-15-1)10cad-1	Powell, Eugene	1958	I	224	12	224	P 56-57 61-65 92-98 128-130 167-172
(C-15-1)10dba-2	Powell, Eugene	1966	U	176	12	176	P 75-79 92-98 116-122 129-135 163-172
(C-15-1)11baa-1	Kenison, Alan	1951	I	260	16	260	P 33-50 60-67 69-71 74-82 104-108 116-122 142-148 172-194 229-244 245-253
(C-15-1)11bab-1	Powell, Nicholine	1917	I	97	2	—	— —
(C-15-1)11cca-2	—	—	S	—	6	—	— —
(C-15-1)12aaa-2	Mangelson, Golden R.	1977	I	405	16	405	P 70-403
(C-15-1)12aba-1	Mangelson, Golden R.	1934	U	117	6	103	X 103-117
(C-15-1)12bab-1	Kenison Partnership	1981	H	120	6	120	P 100-120
(C-15-1)15aaa-1	Paynter, Reese	1934	U	—	4	—	— —

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)		Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
5,178	—	—	—		—	—	—	—	
5,140	18.13	03-26-93	—		—	—	—	—	W
5,140	19.43	03-26-93	820	P	07-21-93	870	14.0	07-21-93	L,W
5,145	—	—	320	P	07-21-93	1,160	13.0	07-21-93	
5,120	10.92	03-24-93	—		—	—	—	—	W
5,102	12.14	03-24-93	—		—	—	—	—	W
5,292	30.68	03-01-93	—		—	—	—	—	W
5,088	—	—	—		—	1,380	14.0	08-09-78	L
5,087	-2.80	06-12-63	—		—	—	—	—	
5,130	15.94	05-26-93	340	P	07-18-90	1,310	13.0	07-18-90	W
5,135	—	—	—		—	—	—	—	
5,135	20.74	09-15-93	450	P	10-26-93	1,750	15.0	07-21-93	L,W,C,I
5,110	11.50	03-24-93	—		—	—	—	—	W
5,110	-4.05	03-24-93	—		—	1,380	12.5	08-26-92	C,I
5,115	9.13	03-30-94	—		—	—	—	—	W
5,110	6.15	03-25-93	160	P,e	07-11-91	1,550	15.0	07-22-93	W,D,C
5,115	2.04	03-25-93	—		—	—	—	—	W
5,155	34.91	03-02-93	1,150	P	07-20-93	1,550	—	07-20-93	W,C
5,145	20.88	03-03-92	—		—	—	—	—	W
5,138	—	—	—		—	—	—	—	
5,213	—	—	1,240	P	07-19-93	1,480	13.0	07-18-90	C
5,204	69.80	03-02-93	—		—	—	—	—	W
5,187	—	—	—		—	—	—	—	
5,119	-21.80	05-02-63	2	F,e	05-02-63	—	—	—	

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing		
					Diameter (inches)	Depth (feet)	Finish (feet)
(C-15-1)15aaa-2	Paynter, Reese	1934	U	—	3	—	— —
(C-15-1)15bcd-1	Anderson, Neils	1977	S	101	6	101	P 81-101
(C-15-1)15bcd-2	U.S. Geological Survey	1993	U	20	2	20	P 15-20
(C-15-1)15dca-1	Powell, Eugene	1962	S	202	12	202	P 67-71 74-82 125-132 152-153 167-171
(C-15-1)16baa-1	Juab Lake Irrigation Company	1951	U	304	12	304	P 167-180 185-192
(C-15-1)16bad-1	Juab Lake Irrigation Company	1951	S	220	10	220	P 165-182 185-192
(C-15-1)16dbb-1	U.S. Geological Survey	1993	U	17	2	17	P 14.5-17
(C-15-1)17bbb-1	Hall, Jerold M.	1978	U	180	6	180	P 160-180
(C-15-1)21caa-1	Aagard, Eugene	1991	S	55	6	53	P 43-53
(C-15-1)21dcc-1	Jarrett, Earl	—	S	—	—	—	— —
(C-15-1)24abb-1	Wankier, Farrell	—	S	—	6	—	— —
(C-15-1)24cad-1	Wankier, Junior	1977	S	180	6	180	P 140-180
[6] (C-15-1)25bcc-1	Meldrum, Vernal	—	U	—	4	96	— —
[7] (C-15-1)26adc-1	Hunt, LeGrand	1941	H	—	4	100	P 80-100
[8] (C-15-1)26dab-1	Hunt, LeGrand	—	U	—	4	—	— —
(C-15-1)27adb-1	Aagard, Eugene	1991	S	151	6	151	P 125-151
(C-15-1)29bdc-1	Aagard, Eugene	1970	S	105	6	100	P 80-100
(C-15-1)33aab-1	Hunt, LeGrand	—	U	—	3	—	— —
(C-15-1)33acd-1	Ballow, Venice	1952	S	358	16,14	358	P 62-63 78-94 118-122 137-141 146-152 169-180 213-220 238-241 262-263 297-300 339-346
(C-15-1)35abd-1	Hunt, Melvin	1979	H	345	10	340	P 180-240 260-340
(C-16-1)3cda-1	Chase, Rex	1910	U	225	16	225	— —
(C-16-1)3cdd-1	Chase, Rex	1963	U	[9]405	6	400	P 270-325
(C-16-1)3dcc-1	Ballow, Robert	1971	H	320	8	315	P 260-314
(C-16-1)4aad-1	Ballow, Robert	1951	U	362	16	362	P 120-122 160-164 205-206 216-220 245-250 261-262 278-280 288-300 308-309 320-323 339-343 351-361

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)	Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
5,117	-1.0	05-02-63	—	—	—	—	—	
5,087	—	—	.8 F	09-08-93	1,560	12.0	09-08-93	
5,085	6.65	03-30-94	—	—	—	—	—	W
5,107	1.46	03-25-93	30 F,r	05-02-63	—	—	—	W
5,080	—	—	145 F	09-08-93	1,650	12.0	06-09-93	D,C,I
5,070	—	—	50 F	08-03-92	1,720	12.5	09-08-93	L,D,C,I
5,070	7.39	03-30-94	—	—	—	—	—	W
5,185	80.51	03-26-93	—	—	—	—	—	W
5,070	1.98	09-08-93	—	—	—	—	—	
5,087	—	—	—	—	—	—	—	
5,245	123.16	03-02-93	—	—	—	—	—	W
5,243	98.20	03-25-93	—	—	—	—	—	W
5,235	87.90	05-28-63	—	—	—	—	—	
5,207	70.84	03-25-93	—	—	1,260	14.0	09-14-92	W,C
5,220	82.27	03-03-81	—	—	—	—	—	W
5,155	18.42	03-25-93	—	—	—	—	—	W
5,115	35.80	03-25-93	—	—	—	—	—	W
5,142	23.30	03-25-93	—	—	—	—	—	W
5,175	28.95	03-25-93	—	—	3,290	22.0	05-23-63	W,C
5,290	149.54	03-25-93	—	—	2,340	15.0	09-14-92	L,W,C,I
5,334	184.89	03-25-93	—	—	—	—	—	W
5,355	—	—	—	—	—	—	—	L,C
5,364	—	—	—	—	—	—	—	
5,243	92.04	03-25-93	—	—	—	—	—	W

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing		
					Diameter (inches)	Depth (feet)	Finish (feet)
(C-16-1)4bcd-1	Chase, Rex	1925	S	135	6	—	— —
(D-10-1)21adb-1	Allred, M.L.	1972	H	355	6	—	— —
(D-10-1)22dcc-3	Jensen	1982	U	146	6	126	P 94-116
(D-10-1)27bac-1	Hoag, Lloyd	1952	H	400	8	—	— —
(D-10-1)27bcd-1	MAS Trust	1979	H	408	6,10	400	X 400-408
(D-10-1)28dab-1	Steele, J.G.	1944	U	80	4	80	P 70-80
(D-10-1)33bad-1	MAS Trust	—	U	195	10	—	— —
(D-11-1)4baa-1	Hall, Parley	1983	H	181	8	168	P 40-49 67-74 118-129
(D-11-1)4bad-1	Robbins, Melvin B.	1957	H	400	8	400	P 50-70
(D-11-1)4bad-2	Fowkes, Grant and Michelle	1979	H	165	10	161	P 41-53 129-138
(D-11-1)4bdb-1	Kay, Spencer	1981	U	1,050	8	—	— —
(D-11-1)4cac-1	Fowkes, Gerald L.	—	H	150	6	150	P 80-85 145-150
(D-11-1)4cad-1	Robbins, Melvin B.	1970	I	325	16	282	P 70-110 155-282
(D-11-1)4cca-1	Kay, Spencer	1960	H	250	8,6	250	P 60-250
(D-11-1)4ccc-1	Robbins, Melvin	1960	I	84	8	80	P 20-80
(D-11-1)4ccc-2	Robbins, Melvin	1922	U	70	6	—	— —
(D-11-1)4ccc-3	Robbins, Melvin	—	H	—	—	—	— —
(D-11-1)4ccc-4	Robbins, Melvin	—	U	66	6	—	— —
(D-11-1)4cdd-1	Robbins, Melvin	1979	I	360	12	342	P 67-342
(D-11-1)5dbd-1	Fowkes, Gerald L.	1919	U	300	2	—	— —
(D-11-1)8aad-1	Andrews, Orville	—	I	100	6	—	— —
(D-11-1)8aad-2	Andrews, Orville	1908	U	86	6	—	— —
(D-11-1)8add-1	Andrews, Orville	—	H	121	6	—	— —
(D-11-1)8bcd-1	Currant Creek Irrigation Company	1954	I	505	12	505	P 163-167 245-260 330-355 413-505
(D-11-1)8bda-1	Union Pacific Railroad Company	1912	S	355	4	—	— —
(D-11-1)8cab-1	Currant Creek Irrigation Company	1954	I	643	12	624	P 105-597 X 624-643
(D-11-1)8cba-1	Currant Creek Irrigation Company	1951	I	580	12	560	P 283-289 291-305 315-321 342-349 373-378 386-387 459-463 505-513 515-531 535-537 X 560-580
(D-11-1)8cdb-1	Andrews, Orville	1912	U	10	—	—	— —
(D-11-1)9bbb-1	Fowes, Tom	1913	I	51	6	—	— —
(D-11-1)9bbb-2	Kay, Spencer	1914	I	70	6	—	— —
(D-11-1)9bbb-3	Kay, Spencer	—	U	83	3	—	— —
(D-11-1)9bbb-4	Kay, Spencer	1920	U	90	3	—	— —
(D-11-1)9bbb-5	Fawkes, L. Earl	1973	I	83	8	83	P 56-80

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)		Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
5,213	108.00	04-04-63	—		—	—	—	—	
5,095	—	—	—		—	—	—	—	
4,985	81.57	03-08-93	—		—	—	—	—	L,W
4,955	12.90	05-07-92	—		—	—	—	—	W
4,964	—	—	—		—	—	—	—	L
4,943	39.90	03-08-93	—		—	—	—	—	W
4,947	141.10	04-30-93	—		—	—	—	—	W
4,975	14.64	03-08-93	—		—	—	—	—	W
4,952	15.24	03-04-91	—		—	—	—	—	W
4,965	13.01	03-03-93	—		—	—	—	—	L,W
4,945	97.42	03-08-93	—		—	—	—	—	W
4,940	19.61	03-01-83	—		—	—	—	—	W
4,970	60.27	03-12-93	—		—	—	—	—	L,W
4,935	15.57	03-08-93	—		—	500	12.0	06-03-64	W,C
4,923	11.43	03-08-93	294	P	07-10-91	510	13.0	07-10-91	W,C
4,923	7.05	05-19-65	—		—	530	12.0	08-11-77	C
4,925	—	—	—		—	—	—	—	
4,925	15.55	05-08-92	—		—	—	—	—	
4,980	—	—	1,480	P	07-20-93	560	14.0	07-20-93	
4,895	10.25	04-09-65	—		—	—	—	—	
4,929	15.51	03-03-93	—		—	—	—	—	W
4,935	12.5	02-26-64	—		—	—	—	—	
4,940	15.8	03-03-65	—		—	—	—	—	W
4,885	-27.3	04-09-65	190	F	03-23-93	445	13.5	03-23-93	W,D,C
4,892	-22.2	04-09-65	4.0	F,e	03-23-93	415	13.5	03-23-93	W,D,C
4,900	-14.6	04-14-65	84	F	07-16-92	380	13.5	09-09-93	W,D,C
4,885	-26.7	04-14-65	193	F	03-23-93	455	13.5	03-23-93	L,W,D,C,I
4,910	2.27	03-22-93	—		—	—	—	—	W
4,920	11.77	03-08-93	145	P	07-10-91	450	14.0	07-08-87	
4,923	9.02	03-08-93	68	P	07-19-93	550	12.0	07-19-93	W,C
4,930	11.95	03-08-93	—		—	—	—	—	W
4,928	14.43	03-07-68	60	F	07-11-48	—	—	—	W,D
4,930	11.38 R	03-08-93	—		—	—	—	—	W

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing			
					Diameter (inches)	Depth (feet)	Finish	(feet)
(D-11-1)9cbc-1	Andrews, Orville	1961	I	401	16,12	401	P	80-395
(D-11-1)9cca-1	Andrews, Orville	1951	I	304	16,12	304	P	94-105
								121-185
								219-226
								234-239
								272-280
(D-11-1)16cbd-1	North Canyon Irrigation Company	1972	I	384	16	384	P	202-384
(D-11-1)16ddd-1	Scott, Maynard	1978	U	455	6	450	P	418-430
[10](D-11-1)17bba-1	Currant Creek Irrigation Company	1951	I	730	16	668	P	353-365
								422-425
								431-437
								468-480
								483-489
								539-545
								547-552
								580-604
							X	668-730
(D-11-1)17cdd-1	Neilsen, Calvin	1971	I	392	16	392	P	43-45
								143-147
								171-173
								197-201
								201-357
(D-11-1)18aac-1	Currant Creek Irrigation Company	1954	I	510	12	—	P	193-308
								337-400
								475-480
(D-11-1)18dda-1	Kay, Melvin	1960	U	500	8	500	P	70-80
								243-255
								345-370
								445-450
(D-11-1)20aab-1	Neilson, Calvin	1973	I	311	16	311	P	130-311
(D-11-1)20bda-1	Newberry, J.	1935	U	165	4	165	—	—
(D-11-1)20bdd-1	Bartos	1980	H	280	6	280	—	—
(D-11-1)20cac-1	Neilson, Paul	1970	H	300	6	300	P	138-143
								155-160
								170-175
								265-275
(D-11-1)20dba-1	Walker, LuWayne	1979	H	192	6	181	P	159-167
(D-11-1)20dbb-1	Stringham, Forrest	—	H	—	6	—	—	—
(D-11-1)20dbc-1	Metz, Hoby Norman	1981	H	140	6	140	—	—
(D-11-1)21aaa-1	Jensen, William	1979	H	525	8,6	500	X	500-525
(D-11-1)21bbb-1	North Canyon Irrigation Company	1965	I	361	16	361	P	185-361
(D-11-1)21bcb-1	Kendall, Bruce	1978	H	305	8	305	—	—
(D-11-1)29cba-2	Wall, Norman	1980	H	300	6,4	170	—	—
(D-11-1)30bad-1	Kay, Loris	1890	S	73	1.5	—	—	—
(D-11-1)30bda-1	Keyte, Lauren	—	S	34	2	—	—	—
(D-11-1)30cbc-1	Micheal, Lee	1978	H	281	6	281	P	241-254
(D-11-1)31abc-1	Davies, Lorin P.	1899	H	125	2	—	—	—
(D-11-1)31abc-2	Davies, Lorin P.	1899	U	75	2	—	—	—
(D-11-1)33bdc-1	Brown, Ed	1977	U	265	8,6	265	P	250-265
(D-11-1)33cab-1	Mona Irrigation Company	1962	I	452	16	452	P	290-450
(D-12-1)5bab-1	Keith, Mike	1978	U	157	6	157	P	131-151

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)	Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
4,990	71.48	03-08-93	2,940 P	07-21-93	530	12.5	07-21-93	W,C
5,020	99.80	03-08-93	2,010 P	07-21-93	500	13.0	07-21-93	W,C
5,100	180.21	03-09-93	1,980 P	07-19-94	490	12.5	07-19-93	L,W
5,305	395.45	03-24-93	—	—	—	—	—	L,W
4,900	-14.5	04-08-65	56 F	09-09-93	470	—	09-09-93	W,D,C
4,965	58.58	03-03-93	575 P	08-02-93	440	13.0	08-02-93	L,W
4,882	-19.5	04-22-64	24 F	03-23-93	365	14.0	03-23-93	D
4,895	6.40	03-23-93	—	—	—	—	—	W
5,040	123.65	03-09-93	1,190 P	07-20-93	590	12.0	07-20-93	W,C,I
4,939	29.00	04-08-65	—	—	—	—	—	W
4,935	—	—	—	—	—	—	—	
4,935	—	—	—	—	—	—	—	
4,985	—	—	—	—	—	—	—	
4,970	—	—	—	—	—	—	—	
4,970	69.52	03-22-93	—	—	—	—	—	W
5,330	—	—	—	—	—	—	—	
5,040	166.61	04-08-65	2,050 P	07-15-81	520	12.5	07-15-81	W
5,095	188.80 R	06-17-92	—	—	—	—	—	
4,915	—	—	—	—	—	—	—	L
4,884	-8.4	03-22-93	.3 F	03-22-93	430	10.5	03-22-93	W,D,C
4,885	-6.3	03-03-93	4.0 F	03-03-93	600	11.0	03-03-94	W,D,C
4,925	—	—	—	—	—	—	—	L
4,892	-.37	03-22-93	.4 F	03-01-89	445	9.5	03-03-94	W,D,C
4,892	-1.25	10-21-64	.5 F	10-21-64	—	—	—	
5,130	221.37	03-09-93	—	—	—	—	—	W
5,140	231.04	03-02-81	3,220 P	08-02-93	460	10.5	07-07-92	W,C
5,032	124.87	03-22-93	—	—	—	—	—	W

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing		
					Diameter (inches)	Depth (feet)	Finish (feet)
(D-12-1)6ddb-1	Mortensen, Larry M.	1981	U	65	6	60	— —
(D-12-1)6ddd-1	Jasperson	1889	U	35	48	—	— —
(D-12-1)6ddd-2	Jasperson	—	H	—	8	—	— —
(D-12-1)7aab-1	Kay, Don	1981	S	85	6	65	— —
(D-12-1)8ccd-1	Nielson, Grant	1934	U	167	6	—	— —
(D-12-1)8cdd-1	Matheson, James R.	1983	U	100	6	100	P 80-100
[11] (D-12-1)17bdd-1	Ingram, E.E.	1920	U	35	1.5	—	— —
(D-12-1)17cad-4	Carter, Floyd	1991	H	165	6	161	— —
(D-12-1)17dba-2	Ricks	1987	H	181	6	180	P 170-180
(D-12-1)17dbb-1	Carter, Floyd	1991	I	—	6	—	— —
(D-12-1)17dbc-1	Carter, Floyd	—	I	—	8	—	— —
(D-12-1)17dcc-2	Dinkel	1966	H	215	8	185	P 64-74 124-138 164-170
(D-12-1)17dcd-1	Ostler, Norman	1896	S	70	6	—	— —
(D-12-1)19acb-1	Winn, Dean	1920	S	—	2	—	— —
(D-12-1)19acb-2	Winn, Dean	1920	S	—	2	—	— —
(D-12-1)19ccc-1	McPherson, Merle	—	S	100	2	—	— —
(D-12-1)19cdc-1	Garrett, R.R.	1897	S	246	2	—	P 204-220
(D-12-1)19dab-1	Jones, Ronald	1887	U	160	2	—	— —
(D-12-1)19dab-2	McPherson, Gordon	1957	U	24	3	—	— —
(D-12-1)19dba-1	Jones, Don	1979	U	70	8	70	— —
(D-12-1)19dba-2	McPherson, Gordon	1980	H	160	6	160	P 140-160
(D-12-1)19dbb-1	Wilkey, Mabel	1897	S	248	2	—	— —
(D-12-1)19dbb-2	Jones, Don	1979	U	50	8	50	— —
(D-12-1)20abd-1	Tolley, Allen	1956	H	321	8	321	P 27-28 105-107
(D-12-1)20adc-1	Phillipsen, Clarence	1971	H	110	6	110	P 90-110
(D-12-1)20bac-1	Jackson, Russell	1961	H	170	6	170	— —
(D-12-1)20ccc-1	Jones, Don	1973	U	450	16	450	P 310-311 339-397 406-425 430-431
(D-12-1)20ccc-2	Jones, Don	1977	I	490	16	490	P 230-490
(D-12-1)20ccd-1	Jackson, George	1979	H	120	6	120	P 100-120
(D-12-1)28cbc-1	Jones, Don	1979	U	160	8	145	— —
(D-12-1)28ccb-1	Jones, Don	1978	H	160	6	160	— —
(D-12-1)29abb-1	Jackson, Dale	1977	H	120	6	120	P 100-120
(D-12-1)29cad-1	Jones, Don	1972	I	303	16	300	P 100-150 209-277
(D-12-1)30aad-2	Jones, Don	1964	U	173	6	147	P 70-110 130-147
(D-12-1)30aad-3	Jones, Don	1973	U	155	8	155	P 70-110 130-155
(D-12-1)30add-1	Jones, Don	1968	I	264	12	264	P 60-95 160-240
(D-12-1)30cad-1	Nephi Airport	1947	H	100	6	100	P 90-100
(D-12-1)30daa-1	Jones, Don	1978	H	145	6	145	— —
(D-12-1)30dad-1	Bowles, Chad	1980	H	120	6	120	P 100-120
(D-12-1)30dcc-1	Staheli Brothers	—	U	40	6	—	— —

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)	Yield:	Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
4,925	—	—	—		—	—	—	—	
4,930	28.00	04-07-65	—		—	—	—	—	W
4,930	30.59 P	03-22-93	—		—	—	—	—	W
4,930	18.53	03-09-93	—		—	—	—	—	W
4,919	9.77	03-22-93	10	F,e	04-07-65	1,700	12.0	05-25-64	W,C
4,950	—	—	—		—	—	—	—	
4,932	.52	03-22-93	—		—	—	—	—	W
4,950	32.20 P	06-11-92	—		—	—	—	—	
4,965	65.75	03-19-93	—		—	—	—	—	W
4,955	26.70	03-24-93	—		—	—	—	—	W
4,950	19.70	03-24-93	—		—	—	—	—	W
4,970	47.17	03-19-93	—		—	—	—	—	L,W
4,980	49.57	09-24-93	—		—	—	—	—	W
4,960	-3.0	03-19-93	5.3	F	03-19-93	1,480	11.5	09-08-93	W,D,C,I
4,962	-3.0	09-24-93	1.3	F	09-24-93	—	—	—	W
4,963	-4.0	07-13-65	3.0	F,e	05-01-65	—	—	—	D
4,971	2.90	03-12-93	3.2	F,e	02-25-94	1,360	13.0	02-25-94	W,D,C
4,973	3.60	07-13-65	—		—	—	—	—	C
4,975	21.4	04-08-65	—		—	—	—	—	
	20.9	11-19-65							
4,970	19.29	05-20-92	—		—	—	—	—	
4,970	—	—	—		—	—	—	—	
4,965	-7.2	03-11-66	2.0	F,e	06-25-81	1,230	12.5	06-22-88	W,D,C
4,965	16.09	05-27-92	—		—	—	—	—	
4,987	28.68	04-05-65	—		—	—	—	—	W
5,015	—	—	—		—	—	—	—	
4,970	2.5	02-09-64	—		—	1,300	11.0	06-08-64	C
	.25	04-07-65							
4,999	—	—	—		—	—	—	—	
4,999	—	—	800	P,e	07-15-86	1,450	13.0	07-15-86	
5,005	49.72	03-03-93	—		—	—	—	—	W
5,078	118.13	03-03-93	—		—	—	—	—	W
5,082	127.32	03-03-93	—		—	—	—	—	W
5,015	—	—	—		—	—	—	—	
5,038	—	—	1,500	P	07-19-83	1,500	14.0	07-19-83	L,C,I
5,000	44.25	03-02-92	—		—	—	—	—	W
5,000	47.65	06-02-92	—		—	—	—	—	
5,018	38.05	09-19-68	1,220	P,e	07-13-92	1,480	11.0	07-13-92	
5,005	41.57	03-02-93	—		—	—	—	—	W
5,018	—	—	—		—	—	—	—	
5,025	—	—	—		—	—	—	—	
5,012	37.98	04-21-65	—		—	—	—	—	W

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing		
					Diameter (inches)	Depth (feet)	Finish (feet)
(D-12-1)31aab-1	Jackson, George	1947	I	270	12	270	P 194-214
(D-12-1)31cac-1	Garrett, Blake	—	I	—	14	—	— —
[12](D-12-1)31cba-1	McPherson, Eugene	1916	U	85	6	—	— —
(D-12-1)31cca-1	McPherson, Eugene	1924	S	335	6	—	— —
(D-12-1)31cda-1	Garrett, Blake	1976	H	137	6	137	P 117-137
(D-12-1)31dcd-1	Ostler, Allen	—	U	87	6	—	— —
(D-12-1)32abd-1	Hall, Jordan	1981	H	160	6	160	P 140-160
(D-12-1)32bbc-1	Pay, William	1972	H	161	6	161	P 140-161
(D-12-1)32dac-1	Nephi Rubber Products, Inc.	1947	U	300	10	300	P 200-300
(D-13-1)1cab-1	City of Nephi	1949	I	136	12	—	P 55-70 83-84
(D-13-1)3acc-1	Nephi Irrigation Co./City of Nephi	1961	U	280	20	229	P 131-135
(D-13-1)4cca-1	Nephi Irrigation Company	1963	I	375	20	371	P 160-371
(D-13-1)4ccb-1	City of Nephi	1953	U	258	16	258	P 152-187 193-258
(D-13-1)4cda-1	Nephi Irrigation Co./City of Nephi	1966	P	378	20	378	P 160-378
(D-13-1)5baa-1	McPherson, Steve	1986	H	160	6	160	P 140-160
(D-13-1)5ccd-1	McPherson	1985	H	140	6	140	P 100-140
(D-13-1)5dab-1	City of Nephi	1953	U	312	16	—	P 159-308
(D-13-1)5dda-1	Nephi Irrigation Company	1953	I	336	16	336	P 159-181 205-285 295-334
(D-13-1)5ddb-1	Nephi Irrigation Company	1954	I	344	16	344	P 134-342
(D-13-1)5ddb-2	Nephi Irrigation Company	1960	I	352	18	—	P 141-157 167-175 193-250 294-345
(D-13-1)5ddb-3	Nephi Irrigation Company	—	I	—	16	—	— —
(D-13-1)6ada-1	Jarrett, E.S.	1932	U	90	4	89	— —
(D-13-1)6ada-2	Jarrett, E.S.	1972	H	190	6	190	— —
(D-13-1)6bdc-1	Ostler, J.E.	1913	U	80	4	80	— —
(D-13-1)6bdc-3	Brown, Douglas	1962	U	200	6	200	— —
[13](D-13-1)6cbc-1	Nephi Irrigation Company	1935	U	995	12,10	150	P 55-95
(D-13-1)6dcc-1	Vickers, Terry	1986	H	—	6	—	— —
(D-13-1)6dcd-1	Harmon, Larry	1978	H	165	6	165	P 145-165
(D-13-1)6ddc-1	Harmon, John	1979	H	165	6	165	P 125-165
(D-13-1)7adb-1	Gahn, Harold	1973	H	170	8	168	P 100-168
(D-13-1)7bbd-2	LDS Church–Eleven Bar Ranch	1934	I	158	12	99	P 55-95
(D-13-1)7bdc-1	Jolley, Ruby	1978	H	162	6	162	P 142-162
(D-13-1)7cac-2	Jarrett, Dee	1956	I	200	16	200	P 65-198
(D-13-1)7cac-3	Jarrett, Dee	1940	H	60	6	—	— —
(D-13-1)7cba-1	Jarrett, Thayne	1976	S	180	6	180	P 165-180
(D-13-1)7dad-1	LDS Church–Canyon Rim Stake	1948	U	114	10	114	P 60-110
(D-13-1)7dad-2	LDS Church–Canyon Rim Stake	1961	U	228	16	228	P 90-105 147-165 178-181 198-207 217-221

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)		Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
5,022	58.27	03-03-93	550	P	08-11-77	1,400	12.5	08-11-77	W,C
5,035	64.40	03-03-93	2,500	P	07-22-93	1,010	12.5	07-22-93	W
5,017	36.75	03-08-93	—		—	1,080	11.0	06-08-64	W,C
5,025	51.98	03-12-93	—		—	—	—	—	W
5,035	—	—	—		—	—	—	—	
5,047	54.22	04-14-49	—		—	—	—	—	
	60.60	08-11-65							
5,070	100.83	03-08-93	—		—	1,050	17.0	08-04-93	W,C,I
5,045	—	—	—		—	—	—	—	
5,093	116.6 P	03-30-65	—		—	1,390	12.0	06-08-64	C
5,490	45.4	03-30-65	—		—	4,500	10.5	07-19-74	W,C
5,238	37.04	03-30-94	—		—	—	—	—	W
5,140	154.40	03-30-65	3,300	P,e	07-09-87	1,680	11.5	07-22-93	W,C,I
5,130	161.49	03-12-93	770	P	08-10-78	1,450	11.0	07-19-76	W,C
5,140	170.51	04-13-93	2,600	P	07-14-92	1,750	11.5	07-14-92	W
5,087	—	—	—		—	—	—	—	
5,085	105.83	03-03-93	—		—	—	—	—	W
5,109	126.88	03-30-65	—		—	1,480	11.0	08-11-77	W,C
5,121	149.40	03-09-93	2,270	P	07-21-93	1,370	11.5	07-21-93	W,C
5,116	136.6	04-06-64	1,710	P	07-08-92	1,610	11.0	07-08-92	L,W,C
5,116	143.49	03-24-93	2,020	P	07-08-92	1,480	11.5	07-09-90	W,C
5,116	146.99	03-03-93	3,570	P	07-08-92	1,560	11.0	07-08-92	W,C,I
5,055	73.5	04-01-65	—		—	—	—	—	W
5,055	84.38	03-03-93	—		—	—	—	—	W
5,035	52.63	03-03-93	—		—	—	—	—	W
5,033	50.2	05-02-62	—		—	—	—	—	
5,023	11.95	03-02-93	—		—	—	—	—	W
5,045	61.75	03-08-93	—		—	—	—	—	W
5,055	—	—	—		—	—	—	—	
5,058	80.33	03-03-93	—		—	—	—	—	W
5,059	—	—	—		—	—	—	—	
5,020	44.18	03-03-93	410	P	08-02-93	1,520	10.0	08-02-93	W
5,035	—	—	—		—	—	—	—	
5,037	57.69	04-13-93	920	P	06-28-77	1,500	11.0	06-28-77	W,C
5,036	44.8	03-20-62	—		—	—	—	—	
	36.1	06-11-64							
5,032	59.26	03-03-93	—		—	—	—	—	W
5,060	66.9	03-29-65	—		—	—	—	—	W
5,070	75.07	03-04-93	—		—	—	—	—	W,C

Table 1. Records of selected wells in Juab Valley, Utah—Continued

Location	Owner or user	Year well constructed	Primary use of water	Depth drilled (feet)	Casing			
					Diameter (inches)	Depth (feet)	Finish	(feet)
(D-13-1)7dad-3	LDS Church–Canyon Rim Stake	1970	U	402	20	402	P	85-110
								138-185
								194-225
								231-250
								255-257
								272-277
								297-324
								345-348
								357-376
(D-13-1)7dbc-1	Jarrett, Dee	1961	I	210	16	210	P	60-100
								130-205
(D-13-1)7dda-1	LDS Church–Eleven Bar Ranch	1950	I	145	12	145	P	62-108
								128-132
(D-13-1)7ddd-1	LDS Church–Eleven Bar Ranch	—	I	—	12	—	—	—
(D-13-1)8aac-1	Nephi Processing Plant	1951	U	258	8	258	P	210-220
								225-258
(D-13-1)8abc-1	Killiam, Verne	1978	S	182	6	182	P	162-182
(D-13-1)8acc-1	Jenkins, Charles	1979	I	348	16	348	P	100-348
(D-13-1)8acc-2	Jenkins, Charles	1978	H	182	6	182	P	160-182
(D-13-1)8bdc-1	LDS Church–Eleven Bar Ranch	—	I	—	12	—	—	—
(D-13-1)8dba-1	Jenkins, Charles	1978	H	182	6	182	P	162-182
(D-13-1)9dcd-1	Harmon, M.L.	1953	U	440	6	440	P	350-440
(D-13-1)17bac-1	Morgan, Charles W.	1979	H	200	6	200	P	187-200
(D-13-1)17bdd-1	Orgill Brothers	1905	H	90	6	90	—	—
(D-13-1)17cda-1	LDS Church	1981	U	320	12	250	S	120-250
(D-13-1)18acc-2	Robertson, Blake	1956	H	159	6	—	—	—
(D-13-1)18bbc-1	Jerrett, Dee	1945	I	[14]235	12,8	235	P	40-41
								134-136
(D-13-1)18cba-2	Batton, James	1981	H	130	6	130	P	120-130
(D-14-1)6dbb-1	Utah State Road Commission	1916	U	306	4	285	—	—
(D-14-1)30add-1	Shepherd, Delwin R.	1953	I	312	14	312	P	194-224
								266-282
								290-303
(D-14-1)30dcb-1	Levan Irrigation Company	1972	I	550	20,12	549	P	188-548
(D-14-1)31aab-1	Levan Town	1962	P	505	10	505	P	210-505
(D-14-1)31ada-1	Levan Irrigation Company	1959	I	405	16	405	P	215-405
(D-14-1)31bcb-1	Levan Irrigation Company	1968	I	472	20	472	P	150-197
								243-352
								360-365
								380-450
(D-14-1)31dab-1	Mangelson, Golden	1972	I	420	16	420	P	190-415
(D-15-1)6cab-1	Mangelson, Golden	1972	I	315	16	315	P	120-315

[1] Previously reported as (C-12-1)13dba-1 (Bjorklund, 1967, table 4).
[2] Previously reported as (C-13-1)12bbd-1 (Bjorklund, 1967, table 4).
[3] Previously reported as (C-14-1)11cdd-1 (Bjorklund and Robinson, 1968, table 4).
[4] Well deepened in 1962 from 567 feet to 840 feet.
[5] Previously reported as (C-15-1)3abb-2 (Bjorklund and Robinson, 1968, table 4).
[6] Previously reported as (C-15-1)25bcb-1 (Bjorklund and Robinson, 1968, table 4)
[7] Previously reported as (C-15-1)26adb-1 (Bjorklund and Robinson, 1968, table 4).
[8] Previously reported as (C-15-1)26adc-1 (Bjorklund and Robinson, 1968, table 4).

Altitude of land surface (feet)	Water level: Above (-) or below land surface (feet)	Water level: Date	Yield: Rate (gal/min)		Yield: Date	Physical properties: Specific conductance (µS/cm)	Physical properties: Temperature (°C)	Physical properties: Date	Other data available
5,065	83.94	03-03-93	1,770	P	07-18-83	—	—	—	L,W
5,045	70.68	04-13-93	1,380	P	07-15-93	—	—	—	W,C
5,065	71.76	03-04-93	1,160	P	07-18-83	1,160	10.5	07-18-83	W,C
5,065	68.90	03-04-93	790	P	07-08-92	1,940	10.5	07-08-92	W
5,112	—	—	—		—	—	—	—	C
5,098	—	—	—		—	—	—	—	
5,090	117.21	03-04-93	—		—	—	—	—	W
5,092	—	—	—		—	—	—	—	
5,085	108.98	03-03-93	1,610	P	07-14-92	—	—	—	W
5,094	118.41 R	03-09-93	—		—	—	—	—	W
5,340	339.8	06-22-65	—		—	—	—	—	
5,073	95.06	03-04-93	—		—	—	—	—	W
5,070	21.50	03-04-93	—		—	3,900	12.0	07-20-72	W,C
5,079	34.18	03-24-93	—		—	—	—	—	W
5,037	60.10	03-04-93	—		—	—	—	—	W,C,I
5,027	45.60	03-02-93	—		—	—	—	—	L,W
5,035	—	—	—		—	—	—	—	
5,345	170.10	03-12-93	—		—	—	—	—	W
5,325	202.03	03-02-93	840	P	08-02-93	930	13.0	07-22-93	W,C
5,310	187.15	03-23-93	—		—	1,300	14.5	07-14-77	L,W
5,340	248.39	09-28-93	—		—	—	—	—	W
5,367	204.65	03-27-63	1,670	P	07-20-93	1,230	13.0	07-15-92	C
5,280	—	—	1,150	P	07-20-93	1,260	13.0	07-20-93	
5,340	233.96	03-02-93	490	P	07-14-92	1,440	12.0	07-14-92	W,C
5,252	—	—	1,120	P	07-14-92	1,750	13.0	07-19-93	C,I

[9] Well deepened in 1974 from 352 feet to 405 feet.
[10] Previously reported as (D-11-1)17bbb-1 (Bjorklund, 1967, table 4).
[11] Previously reported as (D-12-1)17bdc-2 (Bjorklund, 1967, table 4).
[12] Previously reported as (D-12-1)31cbb-1 (Bjorklund, 1967, table 4).
[13] Previously reported as (D-13-1)6cbb-1 (Bjorklund, 1967, table 4).
[14] Well deepened in 1948 from 136 feet to 235 feet.

Table 2. Drillers' logs of selected wells in Juab Valley, Utah

[See figure 1 for an explanation of the numbering system for hydrologic-data sites]

Thickness: In feet.
Depth: Depth to bottom of interval, in feet below land surface. Total depth may be less than well depth reported in table 1.

Material	Thickness	Depth
[1](C-12-1)13dbd-1		
Log by J. and J. Well Drilling Co.		
Topsoil	4	4
Clay, blue	11	15
Gravel, small (water bearing)	10	25
Clay, red	6	31
Gravel, large	6	37
Clay, red	32	69
Gravel, large	27	96
Clay, red	7	103
Gravel, large	1.5	104.5
Clay, red	5.5	110
(C-12-1)36abd-1		
Log by Ben B. Gardner		
Topsoil	5	5
Clay, red	33	38
Gravel, water	7	45
Clay, red	10	55
Boulders	4	59
Clay, red	5	64
Gravel, water	4	68
Conglomerate	2	70
Gravel, water	6	76
Clay, red	17	93
Gravel, red clay	30	123
Gravel, water	3	126
Conglomerate	5	131
Gravel, water	15	146
Clay, red	33	179
Gravel, water	2	181
Clay, red	9	190
Sand	4	194
Gravel, water	10	204
Clay, red	1	205
(C-13-1)12adc-1		
Log by Scott Stephenson Drilling Co.		
Surface	3	3
Clay, sand, red	15	18
Sand, water	5	23
Clay, sand, red	32	55
Gravel	28	83
Clay, brown, sticky	51	134
Gravel	24	158
Clay, brown	2	160
(C-13-1)23bab-1		
Log by Scott Stephenson Drilling Co.		
Boulders	38	38
(C-13-1)23bab-1—Continued		
Gravel and boulders (water at 98 feet)	60	98
Clay, gravel and boulders	40	138
Clay and gravel	4	142
Sand, red, gravel and boulders	10	152
(C-14-1)22ddc-1		
Log by Scott Stephenson Drilling Co.		
Surface	3	3
Clay, sandy	72	75
Clay, brown	20	95
Gravel	3	98
Clay, sandy, pink	37	135
Gravel, clay showing	5	140
Clay	5	145
Clay, sand, stratified	120	265
Clay	40	305
Sand, gravel	12	317
Clay, sand, stratified	23	340
Clay	53	393
Sand, gravel	4	397
Clay, hardpan, layers	93	490
(C-14-1)25bdd-1		
Log by Preston C. Bradshaw		
Clay	27	27
Clay and gravel	3	30
Clay, sandy	6	36
Clay	34	70
Clay and gravel (water)	3	73
Gravel	14	87
Clay	11	98
Gravel	3	101
Clay	7	108
Gravel	4	112
Clay	45	157
Clay and gravel	6	163
Clay	8	171
Gravel	4	175
Clay	25	200
Gravel	27	227
(C-14-1)26aba-1		
Log by Scott Stephenson Drilling Co.		
Surface	40	40
Clay, grey	80	120
Clay, brown	25	145
Gravel, surface water at 145 feet	15	160
Clay and sand	10	170
Clay and gravel	10	180

Table 2. Drillers' logs of selected wells in Juab Valley, Utah—Continued

Material	Thickness	Depth
(C-14-1)26aba-1—Continued		
Gravel, good	17	197
Clay and gravel in layers	15	212
Clay	101	313
Clay and gravel, small layers	53	366
Clay, silt, and gravel	94	460
Gravel	5	465
Clay	30	495
Clay and gravel, cemented	9	504
Clay and gravel, brown, layers	14	518
Clay, grey and gravel in layers	14	532
Gravel, good	8	540
Clay, brown	18	558
Gravel	7	565
Clay, brown	2	567
Gravel	0	567
No log	28	595
Clay	30	625
Gravel, cemented	7	632
Clay, silt	38	670
Clay, chalk	10	680
Clay, silt and small gravel showng	30	710
Clay, silt and gravel mixed in layers	10	720
Clay, silt and gravel, drilled hard	120	840
(C-15-1)1caa-1		
Log by Scott Stephenson Drilling Co.		
Surface	15	15
Gravel	25	40
Clay and gravel	7	47
Gravel	17	64
Clay and sand	6	70
Gravel, water at 75 feet	19	89
Clay and gravel	23	112
Gravel, water good	36	148
Clay and sand	48	196
Gravel	27	223
Clay and sand	8	231
Gravel, some cemented	18	249
Conglomerate	3	252
(C-15-1)3abb-2		
Log by Scott Stephenson Drilling Co.		
Surface	14	14
Gravel, water at 14 feet	3	17
Clay, brown	27	44
Clay and gravel	6	50
Clay, brown	7	57
Gravel	13	70
Clay, sand and gravel in layers, water	22	92
Clay, brown	17	109
Clay, light colored	26	135
Clay, brown, and small gravel in layers	112	247
Clay, gravel and boulders, cemented layers	195	442
Clay, grey and gravel showing	13	455
Clay and conglomerate in layers	38	493
(C-15-1)9add-1		
Log by Hershel Woodhouse		
Topsoil	2	2
Clay, brown	12	14
Clay, gravel and cobbles	11	25
Sand and gravel, water	10	35
Clay, sand and gravel, some water	35	70
Clay, blue	15	85
Gravel, water	2	87
Clay and sand	33	120
Sand, some water	5	125
Sand, cement, solid	3	128
Clay and sand, brown	17	145
Silt, brown	12	157
Sand and gravel, some water	13	170
Clay and sand, solid	15	185
Sand, some water	2	187
Clay, brown	18	205
Clay and sand, blue	15	220
Sand and gravel, some water	15	235
Clay and gravel, solid	20	255
(C-15-1)10acc-1		
Log by Scott Stephenson Drilling Co.		
Surface	5	5
Clay and sand	10	15
Sand and gravel	13	28
Clay	7	35
Clay and gravel	33	68
Clay, sand and gravel	17	85
Clay	25	110
Sand and gravel	12	122
Clay	9	131
Clay, sand and gravel	82	213
Clay and sand	22	235
Clay	9	244
Clay, sand and gravel, stratified	15	259
Clay	15	274
Clay, sand and gravel	2	276
Sand and gravel	14	290
Clay, sand and gravel	35	325
Gravel	5	330
Clay and gravel	10	340
Clay, sand and gravel	15	355
(C-15-1)16bad-1		
Log by J. Thomas Woodhouse and Sons		
Topsoil	3	3
Clay, brown	32	35
Gravel, water bearing	18	53
Clay, brown	3	56
Clay, gravel mixture	14	70
Sand, brown	5	75
Gravel, cement type	3	78
Clay and gravel mixed	15	93

Table 2. Drillers' logs of selected wells in Juab Valley, Utah—Continued

Material	Thickness	Depth
(C-15-1)16bad-1—Continued		
Gravel	2	95
Clay, red, sandy	9	104
Clay, blue and gravel	16	120
Gravel and blue clay mixture	7	127
Clay and gravel, tight mixture	40	167
Gravel, flow	13	180
Sand, white	7	187
Gravel, large, flow	5	192
Clay, brown, sandy	8	200
Sand and pea gravel, flow	18	218
(C-15-1)35abd-1		
Log by Burt Drilling Co.		
Clay, silt and gravel	19	19
Clay and gravel	53	72
Conglomerate	23	95
Bedrock	3	98
Conglomerate	67	165
Gravel, cemented	15	180
Sand and gravel, little water	60	240
Sand and gravel, looser with water	60	300
Sand, gravel and cobbles, more water	40	340
(C-16-1)3cdd-1		
Log by J. Thomas Woodhouse Drilling		
Clay	40	40
Boulders	4	44
Clay and gravel	6	50
Gravel and cobbles	5	55
Clay	5	60
Gravel and boulders	10	70
Clay and gravel	9	79
Clay and sand	10	89
Gravel and cobbles	6	95
Clay and gravel	25	120
Clay, gravel and cobbles	30	150
Clay, sand and gravel	50	200
Clay and gravel, water level 231 feet	33	233
Gravel	19	252
No log	8	260
Sand	15	275
Sand and gravel	5	280
Clay, sand and gravel, ribbons	45	325
Clay, tan	25	350
Clay, tan and gravel	30	380
Clay, tan	20	400
Sand, and gravel, water	5	405
(D-10-1)22dcc- 3		
Log by Jensen Construction and Drilling Co.		
Topsoil	2	2
Clay with scattered rock	82	84
Boulders	11	95
Gravel	9	104
Clay, sandy with some rock	20	124
Clay and cobbles	22	146
(D-10-1)27bcd-1		
Log by Binning Drilling Co.		
Clay	20	20
Clay and boulders	40	60
Clay	140	200
Bedrock	100	300
Bedrock, fractured with little water	20	320
Bedrock	30	350
Sand and gravel	10	360
Sand and gravel, water	40	400
Conglomerate, water (good)	8	408
(D-11-1)4bad-2		
Log by Jensen Construction and Drilling Co.		
Clay	12	12
Boulders	4	16
Clay and boulders	24	40
Cobbles	17	57
Clay	27	84
Boulders	3	87
Clay	5	92
Boulders	2	94
Clay	2	96
Boulders	7	103
Clay	2	105
Clay and boulders	22	127
Cobbles	14	141
Clay	20	161
(D-11-1)4cad-1		
Log by Scott Stephenson Drilling Co.		
Surface	22	22
Boulders	4	26
Clay and sand, water at 70 feet	52	78
Gravel	2	80
Clay, silt, and gravel, thin layers	25	105
Clay, no water	50	155
Clay and gravel, mixed	10	165
Clay	17	182
Gravel	8	190
Clay and gravel, mixed	15	205
Clay	13	218
Clay and gravel	7	225
Clay	7	232
Clay and gravel showing	13	245
Clay, grey, sandy	25	270
Clay, light colored	3	273
Gravel, cemented	7	280
Clay	45	325

Table 2. Drillers' logs of selected wells in Juab Valley, Utah—Continued

Material	Thickness	Depth
(D-11-1)8cba-1		
Log by J. S. Lee and Sons		
Top soil	3	3
Gravel	6	9
Clay, brown	13	22
Gravel and rock	16	38
Clay	3	41
Rock and clay	7	48
Clay, red	9	57
Sand and gravel	3	60
Clay, blue	108	168
Gravel	2	170
Clay, gray	32	202
Gravel	2	204
Clay	9	213
Gravel	2	215
Clay, blue	41	256
Gravel and water	2	258
Clay, gray	25	283
Gravel and water	6	289
Clay	2	291
Gravel and water	14	305
Clay	10	315
Gravel and water	6	321
Clay, brown	21	342
Gravel and water	7	349
Clay, brown	24	373
Gravel and water	5	378
Hard pan	5	383
Clay	3	386
Gravel and water	1	387
Gravel and sand	8	395
Clay, brown	24	419
Gravel, hard pan	5	424
Clay	5	429
Gravel and clay	9	438
Clay	21	459
Gravel and water	4	463
Clay	42	505
Gravel and water	8	513
Clay	2	515
Gravel and water	16	531
Clay and gravel	4	535
Gravel and water	2	537
Clay and gravel	14	551
Clay	29	580
(D-11-1)16cbd-1		
Log by Scott Stephenson Drilling Co.		
Surface	3	3
Gravel, loose with clay showing	77	80
Gravel and boulders	15	95
Gravel	40	135
Gravel, boulders and clay showing	50	185
Clay, sand and gravel, water at 202 feet	17	202
(D-11-1)16cbd-1—Continued		
Gravel, water bearing	16	218
Clay and gravel	3	221
Gravel	39	260
Gravel with clay showing	13	273
Gravel	17	290
Conglomerate	20	310
Gravel	25	335
Conglomerate	5	340
Gravel	15	355
Clay and gravel	29	384
(D-11-1)16ddd-1		
Log by Ballard Drilling Co.		
Sand and gravel	1	1
Gravel and boulders	19	20
Sand and gravel	12	32
Gravel and boulders	16	48
Sand and gravel	4	52
Clay, sand and gravel	8	60
Sand and gravel	45	105
Clay, sand and gravel	6	111
Sand and gravel	39	150
Clay, sand and gravel	2	152
Gravel	13	165
Sand and gravel	42	207
Clay, sand and gravel	2	209
Sand and gravel	61	270
Gravel and boulders	22	292
Sand and gravel	40	332
Clay and gravel	13	345
Sand and gravel	30	375
Gravel and boulders	20	395
Sand and gravel with small streaks of clay	20	415
Sand and gravel, water	5	420
Clay and gravel	22	442
Sand and gravel, water	13	455
(D-11-1)17cdd-1		
Log by Moss Drilling Co.		
Top soil	7	7
Boulders	8	15
Clay, red	15	30
Gravel	4	34
Clay, grey	9	43
Gravel	2	45
Clay, grey	46	91
Gravel, 2-inch	9	100
Clay, grey	43	143
Clay	4	147
Clay, grey	24	171
Gravel	2	173
Clay, grey	24	197
Gravel	4	201

Table 2. Drillers' logs of selected wells in Juab Valley, Utah—Continued

Material	Thickness	Depth
(D-11-1)17cdd-1—Continued		
Clay, grey	53	254
Gravel, 1-inch	7	261
Clay, grey	4	265
Gravel, 2-inch	7	272
Clay, red	24	296
Clay	2	298
Clay, grey	32	330
Gravel, 2-inch	27	357
Clay, grey	35	392
(D-11-1)29cba-2		
Log by Basin and Range		
Top soil	6	6
Clay, brown, sticky	11	17
Boulders, surface water	8	25
Clay, blue	37	62
Clay, brownish orange	5	67
Clay, blue	43	110
Sand, grey	8	118
Clay, brown, sticky	25	143
Clay, grey to brown	25	168
Gravel, good water	5	173
Clay, blue	17	190
Clay, brown, no water 173 to 300 feet	110	300
(D-11-1)30cbc-1		
Log by Ballard Drilling Co.		
Top soil	8	8
Clay, sand and gravel	7	15
Clay, grey	10	25
Clay, red	25	50
Sand, water	3	53
Clay, brown	6	59
Sand	11	70
Clay with streaks of gravel	28	98
Clay, red with streaks of gravel	7	105
Clay, red	15	120
Clay, red with streaks of gravel	30	150
Clay, sand and gravel	10	160
Clay and gravel	17	177
Clay, red and gravel	44	221
Clay, blue and gravel	17	238
Quicksand, red, water	2	240
Clay, red	2	242
Sand and gravel, water	8	250
Clay, sandy, brown	31	281
(D-12-1)17dcc-2		
Log by Charles A. Holland		
Silt, brown	6	6
Clay, yellow and gravel	30	36
Clay, grey	2	38
Sand and gravel, water	7	45
Clay, sand and gravel	19	64

Material	Thickness	Depth
(D-12-1)17dcc-2—Continued		
Sand and gravel, water	10	74
Clay, sand and gravel	6	80
Clay, brown and yellow, and gravel	9	89
Clay, brown, sand and gravel	35	124
Sand and gravel, water	14	138
Clay, grey, sand and gravel	18	156
Clay, greenish grey	4	160
Conglomerate, grey	3	163
Sand and gravel, water	11	174
Clay and conglomerate	3	177
Clay and gravel	11	188
Clay	12	200
Clay and gravel	12	212
Conglomerate	3	215
(D-12-1)29cad-1		
Log by Binning Drilling Co.		
Clay	20	20
Clay and gravel	10	30
Gravel	20	50
Gravel and boulders	20	70
Gravel, cobbles and boulders	15	85
Sand, gravel and cobbles, water	5	90
Clay and gravel	5	95
Gravel and cobbles, water	25	120
Gravel, water	10	130
Gravel	10	140
Clay, red and gravel	10	150
Clay	10	160
Clay, red	16	176
Clay, red and gravel	17	193
Clay and gravel	16	209
Gravel and cobbles, water	31	240
Sand, gravel and cobbles, water	16	256
Sand and gravel	8	264
Clay and gravel	13	277
Clay, red and gravel	23	300
Gravel, water	3	303
(D-13-1)5ddb-1		
Log by Robinson Drilling Co.		
Clay, yellow	28	28
Conglomerate	84	112
Clay, sandy	20	132
Sand and gravel, water	3	135
Conglomerate	10	145
Sand and boulders, water	15	160
Boulders	10	170
Conglomerate, hard, grey	60	230
Conglomerate, loose, some water	3	233
Conglomerate, hard	2	235
Conglomerate, loose, water bearing	3	238
Gravel, water	8	246
Boulders	4	250

Table 2. Drillers' logs of selected wells in Juab Valley, Utah—Continued

Material	Thickness	Depth
(D-13-1)5ddb-1—Continued		
Conglomerate, tight	10	260
Rocks	4	264
Conglomerate, hard	5	269
Conglomerate, tight, no water	19	288
Gravel, coarse, water	7	295
Gravel, large and rocks, some water	3	298
Conglomerate, tight	29	327
Gravel, water	12	339
Clay, red	1	340
Conglomerate, tight	4	344
(D-13-1)7dad-3		
Log by Scott Stephenson Drilling Co.		
Surface	40	40
Clay and sand	20	60
Gravel, dry	5	65
Clay and gravel, mixed	20	85
Clay, red and gravel, mixed	17	102
Silt and gravel	8	110
Clay	9	119
Clay and gravel	17	136
Gravel, good	22	158
Clay and gravel	22	180
Gravel, good	7	187
Clay, red and gravel	8	195
Gravel, some cemented	10	205
Gravel	10	215
Clay and gravel	6	221
Clay	8	229
Gravel	28	257
Clay	1	258
Gravel	1	259
Clay	36	295
Gravel, good	10	305
Silt and small gravel	18	323
Clay	34	357
Clay and gravel, stratified	25	382
Clay	20	402
(D-13-1)18bbc-1		
Log by J. Thomas Woodhouse		
Top soil	3	3
Clay, red	22	25
Sand, fine and water	4	29
Clay, red	10.5	39.5
Gravel, water	2.5	42
(D-13-1)18bbc-1—Continued		
Clay, red	28	70
Clay, red and some gravel mixed in	64	134
Gravel, water	2	136
Clay, red	20	156
Gravel and water	3	159
Clay, red and gravel	45	204
Gravel	2	206
Clay, red	28	234
Gravel and water	1	235
(D-14-1)30dcb-1		
Log by Scott Stephenson Drilling Co.		
Surface	22	22
Clay, silt and small gravel	143	165
Clay and silt	13	178
Clay and gravel, water at 190 feet	12	190
Gravel	10	200
Clay and gravel	20	220
Gravel, good	23	243
Clay and gravel	5	248
Clay	39	287
Clay and gravel	13	300
Clay	12	312
Gravel, cemented	5	317
Clay	21	338
Clay and small gravel, alluvium	32	370
Clay	15	385
Gravel, cemented	3	388
Clay	34	422
Clay and gravel, cemented	19	441
Clay	11	452
Gravel, cemented	3	455
Clay	6	461
Gravel, cemented	2	463
Clay and small gravel	13	476
Clay	4	480
Gravel, cemented	4	484
Clay and cemented gravel	6	490
Clay and gravel, alluvium layers	45	535
Clay, red	15	550

[1] Previously reported as (C-12-1)13dba-1 (Bjorklund, 1967, table 4).

Table 3. Water levels in selected wells in Juab Valley, Utah

Location: See figure 1 for an explanation of the numbering system for hydrologic-data sites.
Water level: In feet above (-) or below land surface; R, well recently pumped; S, nearby well being pumped; E, estimated; P, well being pumped when water level was measured.

Location	Date	Water level
(C-11-1)24ddd-1	04-13-1964	31.90
	05-22-1964	33.70
	07-22-1964	31.90
	10-06-1964	32.00
	03-17-1965	32.08
	03-01-1983	28.34
	03-06-1984	26.99
	09-04-1984	23.45
	03-05-1985	25.02
	09-17-1985	25.49
	03-10-1986	26.50
	09-02-1986	26.51
	03-02-1987	27.20
	09-14-1987	27.86
	03-02-1988	28.03
	09-07-1988	27.96
	03-01-1989	27.99
	09-06-1989	27.62
	03-01-1990	28.18
	09-04-1990	28.53
	03-05-1991	28.26
	09-17-1991	28.76
	03-02-1992	28.56
	09-22-1992	29.48
	03-03-1993	28.67
	04-30-1993	27.29
	05-27-1993	27.16
	06-29-1993	27.36
	07-27-1993	27.58
	08-26-1993	27.80
	09-28-1993	28.35
	10-26-1993	28.57
	11-29-1993	28.58
	12-21-1993	28.15
	01-27-1994	28.75
	02-25-1994	28.69
	03-03-1994	28.70
	03-28-1994	28.76
[1] (C-12-1)13dbd-1	04-06-1965	-18.7
	06-15-1965	-21.6
	05-19-1992	-14.8
	03-19-1993	-15.9
	09-10-1993	-14.8
(C-12-1)13dcd-1	06-23-1964	-13.2
	04-06-1965	-15.2
	06-15-1965	-18.5
	05-19-1992	-10.7
	06-03-1992	-10.4
(C-12-1)13dcd-1—Continued	03-19-1993	-11.9
	09-10-1993	-10.6
(C-12-1)14add-1	06-22-1964	59.9
	05-19-1992	56.06
	03-19-1993	51.81
	09-20-1993	56.39
(C-12-1)24baa-1	06-23-1964	-10.5
	08-03-1964	-10.5
	04-06-1965	-13.9
	06-22-1965	-14.4
	07-07-1965	-13.7
	08-02-1965	-12.5
	09-09-1965	-11.9
	10-14-1965	-14.4
	11-03-1965	-14.7
	12-01-1965	-16.5
	01-06-1966	-15.6
	02-10-1966	-16.4
	03-11-1966	-16.4
	04-07-1966	-16.3
	09-14-1966	-8.4
	03-08-1967	-12.9
	03-08-1968	-13.8
	09-23-1968	-14.8
	02-27-1969	-18.2
	03-06-1969	-18.2
	09-10-1969	-15.8
	03-03-1970	-19.1
	09-09-1970	-14.3
	03-02-1971	-18.9
	09-09-1971	-13.7
	03-03-1972	-19.4
	09-22-1972	-9.0
	03-07-1973	-14.8
	10-12-1973	-16.2
	03-07-1974	-19.8
	09-11-1974	-13.9
	03-12-1975	-17.6
	09-16-1975	-14.9
	03-05-1976	-19.1
	09-01-1976	-10.6
	03-04-1977	-16.2
	08-31-1977	-6.4
	03-03-1978	-13.2
	08-31-1978	-11.1
	03-08-1979	-16.6
	09-05-1979	-11.9
	03-04-1980	-17.1

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(C-12-1)24baa-1—Continued	09-09-1980	-16.8
	03-02-1981	-20.8
	09-09-1981	-13.6
	03-03-1982	-18.4
	09-14-1982	-16.5
	03-01-1983	-21.3
	09-02-1983	-23.9
	03-06-1984	-24.4
	09-04-1984	-25.5
	03-05-1985	-25.6
	09-17-1985	-23.5
	03-11-1986	-23.5
	09-02-1986	-22.5
	03-02-1987	-23.3
	09-14-1987	-18.5
	03-02-1988	-19.4
	09-07-1988	-14.0
	03-01-1989	-16.8
	09-06-1989	-10.5
	03-01-1990	-15.4
	09-04-1990	-6.1
	03-05-1991	-12.4
	09-17-1991	-1.78
	03-02-1992	-13.0
	09-23-1992	-3.6
	03-03-1993	-8.8
	09-10-1993	-8.4
	03-02-1994	-13.6
(C-12-1)24dba-1	06-24-1964	-15.9
	04-06-1965	-18.9
	05-19-1992	-8.1
	03-19-1993	-9.5
	04-29-1993	-10.4
	05-24-1993	-9.5
	06-28-1993	-10.4
	07-27-1993	-8.5
	08-25-1993	-8.6
	09-10-1993	-8.2
	10-26-1993	-12.5
	12-21-1993	-14.4
	01-27-1994	-15.5
	02-25-1994	-15.9
	03-30-1994	-16.3
(C-12-1)24ddc-1	11-20-1935	-4.33
	04-14-1949	-13.0
	04-06-1965	-7.8
	07-13-1965	-7.2
(C-12-1)24ddc-2	06-29-1964	1.8
	05-14-1992	2.7
	03-19-1993	2.34
	09-20-1993	3.17
(C-12-1)24ddd-1	03-12-1993	-1.19
	09-10-1993	-.35
(C-12-1)25aab-1	06-25-1964	1.4
	04-05-1965	0
	07-13-1965	.9
	05-14-1992	2.86
	03-19-1993	.95
	09-21-1993	-.39
(C-12-1)25bdd-1	11-19-1965	10.30
	05-20-1992	8.09
	03-09-1993	7.45
	09-21-1993	7.82
(C-12-1)35dba-1	08-12-1965	8.0
	06-01-1992	7.06
	03-09-1993	6.90
	09-21-1993	7.97
(C-12-1)36aaa-1	04-08-1965	19.9
	11-19-1965	20.5
	05-20-1992	13.13
(C-12-1)36abd-1	06-04-1964	25.4
	04-01-1965	28.50
	07-22-1965	28.6
	08-03-1965	27.95
	06-01-1992	26.40
	03-09-1993	27.97
	09-24-1993	24.99
(C-12-1)36caa-1	07-08-1964	23.9
	04-05-1965	24.70
	08-03-1965	23.83
(C-12-1)36dcb-1	04-14-1949	13.68
	07-01-1964	11.9
	04-01-1965	19.30
	06-01-1992	18.99
	03-24-1993	20.74
	04-29-1993	20.44
	05-24-1993	13.43
	06-29-1993	11.15
	07-26-1993	11.55
	08-25-1993	12.38
	09-28-1993	13.17
	10-28-1993	11.99
	11-23-1993	12.54
	12-21-1993	12.56
	01-26-1994	12.62
	02-25-1994	11.51
	03-28-1994	12.41

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(C-12-1)36dcb-2	09-16-1993	23.35	
	09-28-1993	12.99	
	10-28-1993	11.96	
	11-23-1993	11.86	
	12-21-1993	12.25	
	01-26-1994	12.25	
	02-25-1994	10.45	
	03-28-1994	12.13	
(C-13-1)1cdd-1	04-14-1949	12.47	
	03-22-1951	13.80	
	12-13-1951	15.90	
(C-13-1)1daa-1	03-21-1958	23.26	
	12-19-1958	22.32	
	03-23-1959	22.29	
	12-18-1959	31.02	
	03-24-1960	30.67	
	04-13-1961	33.87	
	06-04-1964	29.2	
	11-19-1964	32.85	
	03-31-1965	31.38	
	06-01-1992	34.80	
	03-08-1993	37.25	
	09-21-1993	27.65	
(C-13-1)2ada-1	06-01-1992	10.20	
	03-04-1993	9.66	
	09-21-1993	9.55	
(C-13-1)3ada-1	03-09-1993	69.30	R
	09-27-1993	69.24	
(C-13-1)3dad-1	07-27-1964	105.6	
	04-01-1965	105.10	
	03-09-1993	95.60	
	09-27-1993	95.63	
(C-13-1)11bbc-2	06-04-1992	49.14	
	03-09-1993	50.39	
	04-28-1993	50.40	
	05-24-1993	50.40	
	06-29-1993	50.39	
	07-26-1993	50.40	
	08-25-1993	50.42	
	09-28-1993	50.40	
	10-26-1993	50.48	
	11-23-1993	50.45	
	12-21-1993	50.39	
	01-26-1994	50.32	
	02-23-1994	50.26	
	03-28-1994	50.27	
(C-13-1)12acc-1	07-09-1964	9.4	
	03-31-1965	9.6	
	06-08-1992	13.81	
	03-08-1993	17.29	
	04-29-1993	14.09	
	05-24-1993	9.31	
	06-24-1993	7.37	
	06-28-1993	7.66	
	07-26-1993	8.81	
	08-24-1993	7.81	
	09-28-1993	9.36	
	10-27-1993	7.83	
	11-23-1993	6.84	
	12-21-1993	6.47	
	01-26-1994	5.67	
	02-25-1994	5.79	
	03-28-1994	4.24	
(C-13-1)12adc-1	06-29-1992	61.19	R
	03-08-1993	37.70	
	09-20-1993	35.40	
[2] (C-13-1)12bdb-1	06-08-1992	8.05	
	03-08-1993	8.43	
(C-13-1)12dbb-1	06-09-1992	41.75	
	03-08-1993	24.41	
	09-21-1993	22.57	
(C-13-1)14bdc-1	06-04-1992	11.10	
	03-04-1993	13.83	
	09-20-1993	15.45	
(C-13-1)14caa-1	09-17-1993	30.58	
	09-20-1993	25.78	
	10-27-1993	25.47	
	11-22-1993	25.46	
	12-20-1993	25.51	
	01-26-1994	25.46	
	02-23-1994	25.48	
	03-28-1994	25.31	
(C-13-1)14dbb-1	04-13-1949	31.40	
	04-15-1949	31.16	
	04-17-1964	23.5	
	06-11-1964	36.00	
	03-04-1980	23.42	
	09-09-1980	22.23	
	03-02-1981	21.45	
	09-09-1981	21.72	
	03-02-1982	21.24	
	09-15-1982	20.92	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(C-13-1)14dbb-1—Continued	03-01-1983	20.25
	09-02-1983	18.80
	03-08-1984	17.58
	09-04-1984	15.75
	03-05-1985	14.52
	09-18-1985	13.12
	03-11-1986	12.30
	09-03-1986	12.00
	03-02-1987	11.50
	09-14-1987	11.50
	03-04-1988	11.04
	09-08-1988	11.14
	03-02-1989	10.72
	09-06-1989	11.09
	03-01-1990	10.97
	09-05-1990	11.44
	03-04-1991	11.48
	09-17-1991	11.98
	03-02-1992	11.87
	09-23-1992	12.98
	03-03-1993	12.89
	09-20-1993	12.78
	03-02-1994	12.74
(C-13-1)22acb-1	06-04-1992	82.33
	03-08-1993	74.20
	09-20-1993	64.63
(C-13-1)23add-1	04-13-1949	21.98
	03-22-1951	20.45
	10-17-1951	21.19
	12-02-1954	17.55
	01-10-1964	20.3
	03-31-1965	19.65
(C-13-1)23bab-1	06-04-1992	63.53
	03-04-1993	64.70
	04-28-1993	64.79
	05-24-1993	64.71
	06-29-1993	64.77
	07-26-1993	64.78
	08-24-1993	64.68
	09-28-1993	64.74
	10-27-1993	64.82
	11-22-1993	64.68
	12-20-1993	63.76
	01-26-1994	64.73
	02-23-1994	64.74
	03-28-1994	65.03
(C-13-1)23cdc-1	04-17-1962	98.2
	04-24-1963	97.00
	03-31-1965	99.80
(C-13-1)23cdc-1—Continued	06-10-1992	72.90
	03-08-1993	73.95
(C-13-1)23dbb-1	07-10-1964	18.7
	03-31-1965	21.35
	06-10-1992	8.98
	03-08-1993	9.35
	09-20-1993	10.16
[3] (C-14-1)14bad-1	05-03-1962	72.29
	09-10-1962	72.31
	12-04-1962	72.43
	01-23-1963	72.50
	02-26-1963	72.15
	03-27-1963	72.10
	04-24-1963	72.17
	05-21-1963	72.07
	06-14-1963	71.91
	07-17-1963	71.94
	08-27-1963	72.31
	10-07-1963	72.14
	11-06-1963	71.86
	12-13-1963	72.08
	04-15-1964	71.95
	07-15-1964	71.90
	07-21-1964	72.44
	09-29-1964	71.83
	12-15-1964	71.69
	03-04-1965	71.87
	03-29-1965	71.90
	09-15-1965	71.60
	03-14-1966	71.34
	09-19-1966	71.40
	03-07-1967	71.10
	03-06-1968	69.83
	09-19-1968	69.79
	03-05-1969	69.69
	09-10-1969	69.59
	03-04-1970	69.26
	09-10-1970	70.15
	03-03-1971	68.38
	09-09-1971	69.03
	03-02-1972	68.66
	09-21-1972	68.50
	03-07-1973	68.35
	10-12-1973	67.92
	03-07-1974	58.79
	09-12-1974	66.83
	03-11-1975	65.40
	09-16-1975	65.94
	03-04-1976	65.74
	09-01-1976	66.17
	03-04-1977	65.58

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(C-14-1)14bad-1—Continued	08-31-1977	69.91
	03-03-1978	68.90
	08-31-1978	68.82
	03-07-1979	64.86
	09-05-1979	64.64
	03-04-1980	63.26
	09-05-1980	63.17
	03-02-1981	62.62
	09-09-1981	62.45
	03-02-1982	62.10
	09-15-1982	61.85
	03-01-1983	59.10
	09-01-1983	57.97
	03-14-1984	56.73
	09-04-1984	55.14
	03-06-1985	53.18
	09-18-1985	50.13
	03-11-1986	48.42
	09-03-1986	47.44
	03-03-1987	47.20
	09-03-1987	46.26
	03-03-1988	46.07
	09-08-1988	45.62
	03-02-1989	45.03
	09-07-1989	44.86
	09-05-1990	44.06
	03-04-1991	43.86
	09-18-1991	43.88
	03-03-1992	43.85
	09-25-1992	43.97
	09-28-1993	44.14
	03-01-1994	44.24
(C-14-1)22ddc-1	03-24-1993	67.18
	09-28-1993	68.94
(C-14-1)25bdd-1	03-21-1951	51.40
	10-19-1951	61.23
	05-06-1952	61.75
	12-01-1952	50.77
	03-10-1953	49.02
	03-22-1954	48.48
	12-03-1954	49.90
	03-14-1955	51.19
	11-28-1955	60.28
	03-22-1956	61.58
	12-03-1956	63.75
	04-04-1957	66.07
	12-09-1957	59.87
	03-21-1958	59.47
	12-19-1958	55.37
	03-23-1959	56.16
	12-18-1959	61.66
(C-14-1)25bdd-1—Continued	03-24-1960	62.63
	04-13-1961	67.52
	12-09-1961	59.87
	12-13-1962	63.47
	12-17-1962	63.28
	01-23-1963	63.52
	02-26-1963	65.50
	03-04-1963	63.55
	03-27-1963	63.52
	04-24-1963	63.99
	05-21-1963	68.70
	06-14-1963	69.96
	07-17-1963	70.72
	08-27-1963	68.52
	10-07-1963	70.06
	11-06-1963	67.25
	12-03-1963	66.94
	12-13-1963	66.72
	04-15-1964	66.81
	07-21-1964	71.40
	09-29-1964	66.55
	10-22-1964	66.35
	12-14-1964	65.41
	03-04-1965	64.94
	09-15-1965	64.10
	03-14-1966	60.55
	09-19-1966	71.33
	03-07-1967	66.82
	11-28-1967	65.67
	03-05-1968	64.62
	09-19-1968	62.62
	03-05-1969	57.59
	09-10-1969	61.55
	03-04-1970	52.99
	09-10-1970	71.75
	03-04-1971	57.04
	09-09-1971	68.43
	03-02-1972	57.04
	09-21-1972	74.95
	03-07-1973	63.36
	10-12-1973	48.69
	03-06-1974	45.14
	09-12-1974	48.16
	03-11-1975	47.68
	09-16-1975	51.63
	03-04-1976	49.28
	09-01-1976	61.44
	03-04-1977	55.75
	08-31-1977	65.03
	03-03-1978	64.21
	08-31-1978	60.18
	03-07-1979	58.55
	09-05-1979	58.01

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(C-14-1)25bdd-1—Continued	03-04-1980	57.40
	09-09-1980	43.78
	03-02-1981	44.52
	09-09-1981	52.42
	03-02-1982	51.40
	09-15-1982	49.57
	03-01-1983	47.13
	09-01-1983	27.12
	03-08-1984	27.95
	09-04-1984	16.90
	03-06-1985	22.43
	09-18-1985	24.61
	03-04-1986	27.55
	09-03-1986	19.64
	03-02-1987	25.08
	09-04-1987	37.65
	03-03-1988	40.12
	09-08-1988	49.50
	03-02-1989	50.68
	09-07-1989	58.46
	03-02-1990	59.35
	09-05-1990	65.19
	03-04-1991	65.64
	09-18-1991	69.25
	03-03-1992	69.44
	09-25-1992	75.49
	03-02-1993	76.69
	09-29-1993	73.29
	03-01-1994	71.86
(C-14-1)26aba-1	04-10-1963	28.40
	04-24-1963	29.10
	04-22-1965	30.85
	06-18-1992	59.43
	03-26-1993	45.80
	04-13-1993	45.09
	09-28-1993	62.64
(C-14-1)26bbb-1	04-24-1963	24.58
	06-18-1992	19.53
	03-24-1993	20.96
	09-28-1993	21.57
(C-14-1)26dca-1	07-06-1992	97.18
	03-26-1993	64.80
	09-30-1993	85.23
(C-14-1)26dcd-2	03-04-1980	35.36
	09-09-1980	30.87
	03-02-1981	27.12
	09-09-1981	37.75
	03-02-1982	31.56
	09-15-1982	40.90
(C-14-1)26dcd-2—Continued	03-02-1983	27.32
	09-01-1983	16.54
	03-08-1984	13.90
	09-04-1984	14.78
	03-06-1985	13.47
	09-18-1985	22.97
	03-11-1986	15.08
	09-03-1986	15.35
	03-02-1987	14.43
	09-04-1987	32.77
	03-03-1988	24.18
	09-08-1988	40.98
	03-02-1989	31.47
	03-02-1990	40.95
	09-05-1990	56.73
	03-04-1991	44.76
	09-18-1991	64.79
	03-03-1992	49.18
	09-25-1992	61.33
	03-02-1993	55.56
	04-28-1993	48.67
	05-26-1993	54.82
	06-28-1993	61.66
	07-26-1993	63.51
	08-24-1993	68.15
	09-29-1993	55.84
	10-27-1993	50.98
	11-22-1993	50.41
	12-20-1993	50.82
	01-24-1994	51.14
	02-23-1994	52.04
	03-01-1994	52.01
	03-30-1994	51.37
(C-14-1)27aaa-1	05-03-1962	43.06
	09-10-1962	42.50
	12-06-1962	41.95
	01-23-1963	41.81
	02-26-1963	41.67
	03-27-1963	41.60
	04-24-1963	41.67
	05-21-1963	42.89
	06-14-1963	43.53
	07-17-1963	43.33
	08-27-1963	43.53
	10-07-1963	43.28
	11-06-1963	43.23
	12-13-1963	43.16
	04-15-1964	42.76
	07-21-1964	44.59
	09-29-1964	43.53
	12-15-1964	43.03
	03-04-1965	42.83

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(C-14-1)27aaa-1—Continued	09-15-1965	43.41	
	03-14-1966	42.24	
	09-19-1966	43.47	
	03-07-1967	42.63	
	03-06-1968	42.27	
	09-19-1968	43.10	
	03-05-1969	41.68	
	09-10-1969	43.85	
	03-04-1970	40.28	
	09-10-1970	44.89	
	03-03-1971	41.10	
	09-09-1971	41.56	
	03-02-1972	40.16	
	09-21-1972	42.70	
	03-06-1973	40.33	
	10-12-1973	39.56	
	03-07-1974	37.97	
	09-12-1974	38.90	
	03-11-1975	37.56	
	09-16-1975	38.27	
	03-04-1976	36.33	
	09-01-1976	38.64	
	03-04-1977	36.75	
	08-31-1977	41.73	
	03-03-1978	39.03	
	08-31-1978	41.31	
	03-07-1979	40.56	
	09-05-1979	44.39	S
	03-04-1980	40.44	
	09-09-1980	41.93	
	03-02-1981	37.48	
	09-09-1981	39.72	
	03-02-1982	38.03	
	09-15-1982	39.98	
	03-01-1983	36.24	
	09-01-1983	34.15	
	03-08-1984	31.51	
	09-04-1984	29.60	
	03-06-1985	27.55	
	09-18-1985	28.47	
	03-11-1986	25.60	
	09-03-1986	25.73	
	03-03-1987	24.51	
	09-04-1987	26.25	
	03-03-1988	25.38	
	09-08-1988	28.31	
	03-02-1989	26.47	
	09-07-1989	29.97	
	03-02-1990	29.01	
	09-05-1990	32.81	
	03-04-1991	31.33	
	09-18-1991	35.08	
	03-03-1992	32.60	

Location	Date	Water level
(C-14-1)27aaa-1—Continued	09-25-1992	36.70
	03-02-1993	35.80
	09-28-1993	38.55
	03-01-1994	35.94
(C-15-1)2baa-1	04-28-1992	53.50
	03-26-1993	59.03
(C-15-1)2bba-2	04-28-1992	43.88
	03-26-1993	42.08
	09-28-1993	55.71
[4] (C-15-1)3abb-1	04-09-1963	10.07
	04-22-1965	9.70
	03-22-1966	9.5
	04-28-1992	19.51
	03-26-1993	18.13
	09-30-1993	30.06
(C-15-1)3abb-2	04-28-1992	19.54
	03-26-1993	19.43
(C-15-1)4adb-1	06-23-1992	12.39
	03-24-1993	10.92
	09-28-1993	13.78
(C-15-1)4ddd-3	06-19-1992	13.35
	03-24-1993	12.14
	04-27-1993	12.00
	05-26-1993	13.53
	06-28-1993	16.69
	07-26-1993	17.68
	08-24-1993	17.14
	09-29-1993	14.96
	10-27-1993	14.74
	11-22-1993	13.90
	12-20-1993	13.59
	01-24-1994	13.27
	02-23-1994	13.02
	03-30-1994	12.70
(C-15-1)5dbb-1	03-01-1993	30.68
	09-28-1993	78.44
(C-15-1)10aab-1	03-24-1993	flowing
	04-27-1993	flowing
	05-26-1993	15.94
	06-28-1993	24.29
	07-26-1993	28.84
	08-24-1993	29.84
	09-29-1993	16.74
	10-20-1993	13.19
	11-22-1993	9.50

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(C-15-1)10aab-1—Continued	12-20-1993	7.45	
	01-24-1994	flowing	
	02-23-1994	flowing	
	03-30-1994	flowing	
(C-15-1)10acc-1	09-15-1993	20.74	
	10-25-1993	13.33	
(C-15-1)10bda-1	06-23-1992	19.08	
	03-24-1993	11.50	
	09-29-1993	21.42	S
	10-25-1993	15.38	
(C-15-1)10bdd-2	09-15-1993	13.37	
	09-29-1993	13.52	
	10-25-1993	13.48	
	11-22-1993	12.80	
	12-20-1993	12.10	
	01-24-1994	11.18	
	02-23-1994	10.32	
	03-30-1994	9.13	
(C-15-1)10cad-1	06-23-1992	12.50	
	03-25-1993	6.15	
	09-29-1993	12.15	S
(C-15-1)10dba-2	06-23-1992	14.70	
	03-25-1993	2.04	
	09-28-1993	10.38	
(C-15-1)11baa-1	03-21-1951	7.07	
	09-13-1961	19.27	
	09-10-1962	15.36	
	12-17-1962	13.79	
	01-23-1963	13.70	
	02-27-1963	13.66	
	03-27-1963	13.60	
	06-09-1963	16.03	
	06-14-1963	14.58	
	07-28-1963	17.10	
	09-06-1963	16.80	
	10-07-1963	16.23	
	11-06-1963	16.22	
	12-13-1963	15.67	
	04-15-1964	15.53	
	07-21-1964	18.45	
	09-29-1964	16.20	
	12-15-1964	15.32	
	03-04-1965	15.03	
	03-06-1968	15.25	
	03-05-1969	11.69	
	03-04-1970	9.90	
	03-03-1971	11.65	

Location	Date	Water level
(C-15-1)11baa-1—Continued	03-02-1972	12.08
	09-21-1972	23.38
	03-06-1973	16.25
	10-12-1973	13.50
	03-06-1974	9.99
	03-11-1975	10.58
	03-04-1976	12.85
	09-01-1976	29.10
	03-03-1977	16.26
	03-03-1978	22.43
	03-07-1979	19.82
	09-05-1979	28.74
	03-05-1980	17.78
	09-09-1980	16.16
	03-03-1981	10.43
	09-08-1981	22.33
	03-02-1982	14.50
	09-15-1982	23.02
	03-02-1983	12.50
	09-01-1983	2.15
	09-18-1985	1.85
	09-04-1987	10.30
	03-03-1988	6.50
	09-08-1988	18.51
	03-02-1989	12.01
	09-07-1989	28.66
	03-02-1990	17.81
	09-05-1990	42.25
	03-04-1991	25.43
	09-18-1991	42.78
	03-03-1992	28.28
	03-02-1993	34.91
	09-30-1993	45.55
	03-01-1994	31.67
(C-15-1)11bab-1	11-09-1938	2.42
	12-22-1938	2.50
	02-28-1939	2.45
	04-15-1939	2.58
	06-18-1939	2.78
	08-24-1939	3.94
	10-13-1939	4.24
	12-01-1939	4.63
	02-06-1940	4.96
	03-27-1940	5.15
	06-03-1940	4.31
	12-03-1940	2.68
	03-19-1941	2.27
	03-26-1942	-.98
	07-20-1942	-3.15
	12-19-1942	-4.00
	03-26-1943	-3.73
	12-18-1943	-1.74

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(C-15-1)11bab-1—Continued	03-20-1944	-1.15
	12-02-1944	-2.85
	12-04-1945	-4.68
	08-31-1951	2.57
	12-01-1952	-2.33
	03-10-1953	-3.97
	12-16-1953	-3.68
	03-22-1954	-3.59
	12-03-1954	-2.65
	03-14-1955	-1.82
	11-28-1955	1.23
	03-22-1956	1.48
	12-03-1956	4.80
	04-04-1957	4.99
	12-09-1957	1.72
	03-21-1958	.96
	12-19-1958	-1.35
	03-23-1959	-1.13
	12-18-1959	2.60
	03-24-1960	3.07
	04-13-1961	6.78
	03-08-1962	9.18
	09-10-1962	6.76
	12-13-1962	4.17
	03-04-1963	4.33
	12-03-1963	7.10
	10-22-1964	8.37
	12-14-1964	6.93
	03-04-1965	6.35
	09-15-1965	15.20
	03-14-1966	3.75
	09-19-1966	13.24
	03-07-1967	6.98
	11-28-1967	7.29
	03-06-1968	6.34
	09-19-1968	6.65
	02-26-1969	2.02
	03-05-1969	2.01
	09-10-1969	2.74
	03-04-1970	-.33
	09-10-1970	7.47
	03-03-1971	2.17
	09-08-1971	8.29
	03-02-1972	2.92
	09-21-1972	15.68
	03-06-1973	8.40
	10-12-1973	5.55
	03-06-1974	1.07
	09-12-1974	18.37
	03-11-1975	2.28
	09-16-1975	21.14
	03-04-1976	3.90
	09-01-1976	19.71
(C-15-1)11bab-1—Continued	03-03-1977	7.90
	08-31-1977	32.20
	03-03-1978	14.54
	08-31-1978	31.60
	03-07-1979	11.85
	09-05-1979	19.53
	03-04-1980	11.06
	09-09-1980	9.21
	03-03-1981	3.02
	09-08-1981	15.17
	03-02-1982	7.15
	09-15-1982	15.46
	03-02-1983	5.16
	09-01-1983	-5.8
	03-08-1984	-8.6
	09-04-1984	-11.1
	03-12-1985	-12.3
	09-18-1985	-3.9
	03-11-1986	-9.8
	09-03-1986	-8.7
	03-03-1987	-10.0
	03-03-1988	-1.3
	09-08-1988	12.36
	03-02-1989	5.55
	09-07-1989	22.15
	03-02-1990	12.51
	09-05-1990	34.07
	03-04-1991	18.00
	09-18-1991	34.30
	03-03-1992	20.88
(C-15-1)12aba-1	08-08-1935	61.10
	09-20-1935	61.20
	10-08-1935	61.22
	11-20-1935	61.34
	01-23-1936	61.47
	03-04-1936	61.60
	05-01-1936	61.55
	06-20-1936	62.16
	08-08-1936	61.38
	10-03-1936	61.30
	11-30-1936	60.92
	04-13-1937	60.57
	06-10-1937	60.37
	08-01-1937	59.97
	09-24-1937	59.70
	11-02-1937	59.47
	12-21-1937	59.30
	02-25-1938	59.15
	04-07-1938	59.05
	06-02-1938	58.81
	08-26-1938	58.47
	11-09-1938	57.95

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(C-15-1)12aba-1—Continued	12-22-1938	57.72
	02-28-1939	57.95
	04-15-1939	58.15
	06-18-1939	57.93
	08-24-1939	58.08
	10-13-1939	58.22
	12-01-1939	58.35
	02-06-1940	60.36
	03-27-1940	58.84
	06-03-1940	58.77
	12-03-1940	58.11
	03-19-1941	57.64
	12-06-1941	55.80
	03-26-1942	55.17
	07-20-1942	53.49
	12-19-1942	55.73
	03-26-1943	51.43
	12-18-1943	52.21
	03-20-1944	52.63
	12-02-1944	51.68
	04-04-1945	53.21
	12-04-1945	50.94
	03-11-1946	50.44
	12-19-1946	51.56
	03-28-1947	52.13
	12-14-1947	53.37
	03-18-1948	52.66
	12-15-1948	55.57
	04-04-1949	53.30
	12-05-1949	53.55
	03-31-1950	53.85
	12-04-1950	54.14
	03-21-1951	54.52
	08-31-1951	55.13
	10-19-1951	56.24
	11-07-1951	57.15
	12-13-1951	55.58
	05-06-1952	55.58
	12-01-1952	51.08
	03-10-1953	50.33
	12-16-1953	48.59
	03-22-1954	48.56
	12-03-1954	49.97
	03-14-1955	50.85
	11-28-1955	53.78
	03-22-1956	54.07
	12-03-1956	56.28
	04-04-1957	56.86
	12-09-1957	55.25
	03-21-1958	54.64
	12-19-1958	52.18
	03-23-1959	51.87
	12-18-1959	53.73
(C-15-1)12aba-1—Continued	03-24-1960	54.39
	04-13-1961	57.97
	03-08-1962	60.48
	12-13-1962	58.31
	03-04-1963	58.05
	12-03-1963	59.07
	10-22-1964	59.52
	12-14-1964	59.45
	03-04-1965	59.28
	09-15-1965	58.48
	03-14-1966	57.34
	09-16-1966	58.72
	03-07-1967	59.15
	11-28-1967	59.60
	03-06-1968	59.34
	09-19-1968	57.55
	02-26-1969	56.00
	03-05-1969	55.97
	09-10-1969	53.28
	03-04-1970	52.20
	09-10-1970	53.21
	03-03-1971	53.86
	09-08-1971	54.84
	03-02-1972	54.89
	09-21-1972	58.79
	03-06-1973	59.33
	10-12-1973	57.44
	03-06-1974	54.53
	09-12-1974	55.44
	03-11-1975	53.32
	09-16-1975	54.44
	03-04-1976	54.24
	09-01-1976	58.51
	03-03-1977	57.00
	08-31-1977	60.69
	03-03-1978	60.51
	08-31-1978	61.93
	03-07-1979	60.60
	06-25-1979	61.44
	07-05-1979	61.75
	08-05-1979	61.81
	09-15-1979	60.63
	10-05-1979	60.40
	11-05-1979	60.30
	12-05-1979	60.00
	01-05-1980	59.93
	02-05-1980	59.86
	03-05-1980	59.53
	04-05-1980	59.33
	05-05-1980	59.02
	06-05-1980	57.13
	07-05-1980	57.64
	08-05-1980	57.25

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(C-15-1)12aba-1—Continued	09-05-1980	55.92	
	10-05-1980	55.38	
	11-05-1980	54.97	
	12-05-1980	54.48	
	01-05-1981	54.03	
	02-05-1981	53.69	
	03-05-1981	53.44	
	04-05-1981	53.16	
	05-05-1981	53.11	
	06-05-1981	54.48	
	07-05-1981	55.68	
	08-05-1981	55.93	
	09-05-1981	55.96	
	10-05-1981	55.72	
	11-05-1981	55.83	
	12-05-1981	55.98	
	01-05-1982	56.06	
	02-05-1982	56.15	
	03-05-1982	56.13	
	04-05-1982	56.08	
	05-05-1982	56.05	
	06-05-1982	56.45	
	07-05-1982	57.96	
	08-05-1982	58.70	
	09-05-1982	58.37	
	10-05-1982	57.92	
	11-05-1982	57.53	
	12-05-1982	57.20	
	01-05-1983	56.82	
	02-05-1983	56.38	
	03-05-1983	55.91	
	04-05-1983	55.09	
	05-05-1983	53.58	
	06-05-1983	49.77	
	07-05-1983	46.27	
	08-05-1983	43.90	
	09-05-1983	42.36	
	10-05-1983	41.35	
	11-05-1983	40.43	
	12-05-1983	39.40	
	01-05-1984	38.59	
	02-05-1984	37.27	
	03-05-1984	36.70	
	04-05-1984	36.17	
	05-05-1984	35.13	
	06-05-1984	34.01	
	07-05-1984	32.58	
	08-05-1984	30.86	
	09-05-1984	29.76	
	10-05-1984	29.43	
	11-05-1984	29.09	
	12-05-1984	28.83	
	01-05-1985	28.84	
	02-05-1985	28.89	
	03-05-1985	29.10	
	04-05-1985	28.70	E
	05-05-1985	28.50	E
	06-05-1985	29.00	E
	07-05-1985	30.37	
	08-05-1985	30.96	
	09-05-1985	31.46	
	10-05-1985	32.29	
	11-05-1985	32.93	
	12-05-1985	33.47	
	01-05-1986	33.87	
	02-05-1986	34.04	
	03-05-1986	34.24	
	04-05-1986	34.25	
	05-05-1986	33.78	
	06-05-1986	33.11	
	07-05-1986	33.43	
	08-05-1986	33.31	
	09-05-1986	33.51	
	10-05-1986	33.86	
	11-05-1986	33.99	
	12-05-1986	34.22	
	01-05-1987	34.37	
	02-05-1987	34.79	
	03-05-1987	35.03	
	04-05-1987	35.31	
	05-05-1987	36.28	
	06-05-1987	38.11	
	07-05-1987	41.00	
	08-05-1987	42.37	
	09-05-1987	43.77	
	10-05-1987	44.72	
	11-05-1987	45.09	
	12-05-1987	45.45	
	01-05-1988	45.73	
	02-05-1988	46.08	
	03-05-1988	46.20	
	04-05-1988	46.35	
	05-05-1988	46.49	
	06-05-1988	48.08	
	07-05-1988	49.95	
	08-05-1988	51.32	
	09-05-1988	52.42	
	10-05-1988	53.25	
	11-05-1988	53.80	
	12-05-1988	54.30	
	01-05-1989	54.45	
	02-05-1989	54.57	
	03-05-1989	54.62	
	04-05-1989	54.61	
	05-05-1989	55.65	
	06-05-1989	57.45	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(C-15-1)12aba-1—Continued	07-05-1989	58.12
	08-05-1989	58.74
	09-05-1989	59.38
	10-05-1989	59.85
	11-05-1989	60.04
	12-05-1989	60.06
	01-05-1990	60.15
	02-05-1990	60.20
	03-05-1990	60.09
	04-05-1990	59.99
	05-05-1990	61.05
	06-05-1990	62.37
	07-05-1990	63.04
	08-05-1990	63.66
	09-05-1990	64.04
	10-05-1990	64.20
	11-05-1990	63.70
	12-05-1990	63.61
	01-05-1991	63.64
	02-05-1991	63.67
	03-05-1991	63.54
	04-05-1991	63.52
	05-05-1991	64.53
	06-05-1991	64.66
	07-05-1991	64.53
	08-05-1991	65.18
	09-05-1991	64.84
	10-05-1991	64.80
	11-05-1991	65.01
	12-05-1991	65.10
	01-05-1992	65.15
	02-05-1992	65.22
	03-05-1992	65.15
	04-05-1992	65.15
	05-05-1992	66.01
	06-05-1992	68.01
	07-05-1992	69.37
	08-05-1992	70.59
	09-05-1992	70.97
	10-05-1992	70.54
	11-05-1992	70.20
	12-05-1992	70.04
	01-05-1993	69.93
	02-05-1993	69.85
	03-05-1993	69.79
	04-05-1993	69.63
	05-05-1993	69.46
	06-05-1993	69.95
	07-05-1993	70.26
	08-05-1993	71.17
	09-05-1993	71.00
	10-05-1993	69.70
	11-05-1993	69.07
(C-15-1)12aba-1—Continued	12-05-1993	68.65
	01-05-1994	68.33
	02-05-1994	68.15
	03-05-1994	67.93
	04-05-1994	67.73
(C-15-1)15bcd-2	09-15-1993	13.34
	10-27-1993	8.72
	11-22-1993	8.05
	12-20-1993	7.28
	01-24-1994	7.19
	02-23-1994	6.84
	03-30-1994	6.65
(C-15-1)15dca-1	06-29-1992	1.80
	03-25-1993	1.46
	09-28-1993	3.91
(C-15-1)16dbb-1	09-15-1993	8.96
	10-27-1993	8.24
	11-22-1993	8.20
	12-20-1993	8.10
	01-24-1994	7.90
	02-23-1994	7.67
	03-30-1994	7.39
(C-15-1)17bbb-1	06-29-1992	82.22
	03-26-1993	80.51
	04-28-1993	80.80
	05-26-1993	80.90
	06-28-1993	80.99
	07-26-1993	81.05
	08-24-1993	81.10
	09-30-1993	81.13
	10-27-1993	81.15
	11-22-1993	81.10
	12-20-1993	81.19
	01-24-1994	80.99
	02-23-1994	80.99
	03-30-1994	80.86
(C-15-1)24abb-1	03-04-1980	110.29
	09-09-1980	106.61
	03-03-1981	103.11
	09-08-1981	104.53
	03-02-1982	104.93
	09-14-1982	105.85
	03-02-1983	104.74
	09-01-1983	93.13
	03-08-1984	88.77
	09-04-1984	81.95
	03-12-1985	83.08
	09-19-1985	84.96

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(C-15-1)24abb-1—Continued	04-02-1986	87.10	
	09-03-1986	86.28	
	03-03-1987	87.93	
	09-04-1987	92.48	
	03-03-1988	95.11	
	09-08-1988	99.36	
	03-02-1989	101.58	
	09-07-1989	106.72	
	03-02-1990	109.06	
	09-05-1990	112.55	
	03-04-1991	114.65	
	09-18-1991	117.57	
	03-03-1992	118.26	
	09-25-1992	121.63	
	03-02-1993	123.16	
	09-29-1993	124.10	
	03-01-1994	123.29	
(C-15-1)24cad-1	03-25-1993	98.20	
	09-29-1993	99.60	
[5] (C-15-1)26adc-1	04-29-1992	67.85	
	03-25-1993	70.84	
	09-30-1993	70.60	R
[6] (C-15-1)26dab-1	05-23-1963	86.65	
	04-22-1965	90.15	
	03-22-1966	88.95	
	03-07-1967	89.32	
	03-06-1968	89.62	
	03-05-1969	86.14	
	03-04-1970	83.84	
	03-03-1971	84.06	
	03-02-1972	85.05	
	09-21-1972	85.05	
	03-06-1973	87.45	
	03-06-1974	81.54	
	03-11-1975	79.45	
	03-04-1976	78.66	
	03-03-1977	82.00	
	03-03-1981	82.27	
(C-15-1)27adb-1	04-29-1992	15.76	
	03-25-1993	18.42	
	09-29-1993	18.48	R
(C-15-1)29bdc-1	07-02-1992	35.70	
	03-25-1993	35.80	
	09-29-1993	36.17	
(C-15-1)33aab-1	04-25-1963	30.02	
	04-27-1992	22.41	
	03-25-1993	23.30	
	09-30-1993	24.04	
(C-15-1)33acd-1	03-03-1963	48.96	
	03-30-1963	48.96	
	03-22-1965	49.95	
	03-22-1966	49.26	
	03-07-1967	49.90	
	03-06-1968	50.57	
	03-04-1970	46.12	
	03-03-1971	46.17	
	03-02-1972	45.58	
	09-21-1972	49.36	
	04-27-1992	28.26	
	03-25-1993	28.95	
	09-30-1993	29.76	
(C-15-1)35abd-1	04-29-1992	145.68	
	03-25-1993	149.54	
	09-30-1993	146.69	
(C-16-1)3cda-1	04-04-1963	205.64	
	04-27-1992	182.82	
	03-25-1993	184.89	
	04-27-1993	185.19	
	05-26-1993	185.46	
	06-28-1993	181.21	
	07-26-1993	182.19	
	08-24-1993	183.16	
	09-29-1993	184.11	
	10-27-1993	184.65	
	11-22-1993	184.92	
	12-20-1993	185.19	
	01-24-1994	185.38	
	02-23-1994	185.52	
	03-30-1994	185.74	
(C-16-1)4aad-1	04-25-1963	113.45	
	03-25-1993	92.04	
	09-30-1993	92.46	
(D-10-1)22dcc-3	05-07-1992	78.13	
	03-08-1993	81.57	
	04-30-1993	82.02	
	06-29-1993	82.42	
	07-27-1993	82.63	
	08-26-1993	82.85	
	09-27-1993	83.03	
	10-26-1993	83.33	
	11-29-1993	83.52	
	12-21-1993	83.75	
	01-27-1994	84.00	
	02-25-1994	84.09	
	03-28-1994	84.38	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-10-1)27bac-1	02-24-1964	25.5
	04-06-1964	20.5
	05-21-1964	22.8
	07-23-1964	18.3
	10-07-1964	15.3
	03-03-1965	20.0
	05-07-1992	12.90
(D-10-1)28dab-1	10-07-1964	49.6
	03-17-1965	49.94
	05-01-1992	33.68
	03-08-1993	39.90
	09-20-1993	39.90
(D-10-1)33bad-1	04-30-1993	141.10
	05-28-1993	141.56
	06-29-1993	141.97
	07-27-1993	142.50
	08-26-1993	142.95
	09-27-1993	143.30
	10-26-1993	143.81
	11-29-1993	143.94
	12-21-1993	144.34
	01-27-1994	144.95
	03-28-1994	145.86
(D-11-1)4baa-1	05-07-1992	13.27
	03-08-1993	14.64
	09-20-1993	15.19
(D-11-1)4bad-1	03-22-1964	13.20
	11-18-1964	15.94
	12-09-1964	15.93
	02-02-1965	15.98
	03-03-1965	15.94
	04-15-1965	15.90
	05-05-1965	15.88
	06-04-1965	15.98
	07-06-1965	16.22
	08-02-1965	16.36
	09-09-1965	16.54
	10-14-1965	16.67
	11-02-1965	16.64
	12-01-1965	16.61
	01-01-1966	16.56
	02-10-1966	16.38
	03-11-1966	16.23
	04-07-1966	16.28
	09-14-1966	17.58
	03-08-1967	17.32
	11-28-1967	18.28
	03-07-1968	17.81
	09-17-1968	18.18
(D-11-1)4bad-1—Continued	02-25-1969	16.52
	03-06-1969	16.55
	09-10-1969	17.09
	03-03-1970	16.80
	09-09-1970	17.56
	03-02-1971	16.77
	09-09-1971	17.00
	03-01-1972	15.95
	09-21-1972	16.79
	03-08-1973	16.44
	10-12-1973	15.65
	03-07-1974	13.85
	09-11-1974	14.42
	03-12-1975	14.87
	09-16-1975	13.15
	03-05-1976	12.97
	09-01-1976	17.93
	03-08-1979	15.25
	03-03-1980	17.24
	03-02-1981	16.09
	03-01-1983	12.98
	03-06-1984	11.49
	03-05-1985	3.89
	03-02-1987	8.42
	03-02-1988	12.73
	03-01-1989	13.60
	03-01-1990	14.70
	03-04-1991	15.24
(D-11-1)4bad-2	03-08-1979	16.78
	03-03-1980	17.65
	09-08-1980	16.57
	03-02-1981	14.60
	09-09-1981	14.53
	03-03-1982	13.41
	09-14-1982	12.63
	03-01-1983	10.26
	09-01-1983	8.38
	03-06-1984	5.12
	09-04-1984	4.33
	03-05-1985	.98
	09-17-1985	5.12
	03-10-1986	4.80
	09-02-1986	6.92
	03-02-1987	6.04
	09-14-1987	7.54
	03-02-1988	7.46
	09-07-1988	7.90
	03-01-1989	7.78
	09-06-1989	8.49
	03-01-1990	9.23
	09-04-1990	9.94
	03-05-1991	11.43

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-11-1)4bad-2—Continued	09-17-1991	11.21	
	03-02-1992	11.33	
	09-22-1992	12.38	
	03-03-1993	13.01	
	09-20-1993	13.02	R
	03-03-1994	12.24	
(D-11-1)4bdb-1	05-08-1992	98.74	
	03-08-1993	97.42	
	04-30-1993	97.25	
	06-29-1993	96.93	
	07-27-1993	96.87	
	08-26-1993	96.81	
	09-27-1993	96.70	
	10-26-1993	96.63	
	11-29-1993	96.54	
	12-21-1993	96.30	
	01-26-1994	96.39	
	02-25-1994	96.28	
	03-28-1994	96.19	
(D-11-1)4cac-1	04-14-1949	20.24	
	03-22-1951	19.39	
	12-13-1951	19.68	
	05-06-1952	15.98	
	12-01-1952	18.09	
	03-10-1953	17.85	
	03-27-1954	19.10	
	12-03-1954	20.15	
	03-14-1955	22.94	
	11-28-1955	20.11	
	03-12-1956	19.11	
	12-03-1956	22.97	
	04-04-1957	20.45	
	12-09-1957	22.27	
	03-21-1958	18.57	
	12-19-1958	20.28	
	03-23-1959	19.78	
	12-18-1959	19.65	
	03-24-1960	16.76	
	04-13-1961	20.28	
	03-08-1962	19.36	
	12-13-1962	21.16	
	03-04-1963	22.19	
	12-03-1963	25.22	
	02-26-1964	23.7	
	05-21-1964	21.2	
	07-21-1964	25.3	
	10-21-1964	26.97	
	12-09-1964	25.56	
	01-21-1965	25.60	
	03-03-1965	25.27	
	04-09-1965	23.70	
(D-11-1)4cac-1—Continued	05-05-1965	22.88	
	06-04-1965	23.49	
	07-06-1965	24.97	
	08-02-1965	27.82	
	09-09-1965	28.28	
	10-14-1965	29.00	
	11-02-1965	26.72	
	12-01-1965	25.12	
	01-06-1966	23.98	
	02-10-1966	23.60	
	03-11-1966	22.92	
	04-07-1966	22.49	
	09-14-1966	32.30	
	03-08-1967	24.40	
	09-17-1968	30.61	
	03-06-1969	24.93	
	03-03-1970	19.78	
	09-09-1970	25.59	
	03-02-1971	23.72	
	09-09-1971	28.51	
	09-21-1972	34.78	
	03-08-1973	40.66	
	09-11-1974	37.63	
	03-12-1975	27.06	
	09-16-1975	33.82	
	03-05-1976	24.85	
	09-01-1976	37.54	
	03-04-1977	23.96	
	08-31-1977	56.91	
	03-03-1978	32.27	
	08-31-1978	42.35	
	03-08-1979	16.80	
	09-05-1979	60.25	R
	03-03-1980	27.75	
	09-08-1980	35.27	R
	03-02-1981	31.67	R
	09-09-1981	33.05	R
	03-03-1982	18.67	
	09-14-1982	36.40	
	03-01-1983	19.61	
	09-01-1983	17.30	
	09-04-1984	11.97	
(D-11-1)4cad-1	03-02-1971	55.97	
	09-09-1971	62.18	
	03-01-1972	53.41	
	09-21-1972	69.58	
	03-08-1973	58.83	
	03-07-1974	48.10	
	09-11-1974	68.25	
	03-12-1975	55.21	
	09-16-1975	69.20	
	03-05-1976	54.58	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-11-1)4cad-1—Continued	09-01-1976	72.24	
	03-04-1977	59.51	
	08-31-1977	78.73	
	03-03-1978	63.94	
	03-07-1979	58.20	
	03-03-1980	59.40	
	03-02-1981	50.53	
	03-03-1982	51.43	
	03-01-1983	44.55	
	09-01-1983	32.38	
	03-06-1984	30.14	
	09-04-1984	24.02	
	03-05-1985	27.63	
	09-17-1985	33.48	
	03-10-1986	35.30	
	09-02-1986	35.98	
	03-02-1987	35.46	
	09-14-1987	41.52	
	03-02-1988	41.16	
	09-07-1988	49.65	
	03-01-1989	45.10	
	09-06-1989	58.04	
	03-01-1990	50.71	
	03-05-1991	56.43	
	03-02-1992	56.48	
	03-12-1993	60.27	
	03-03-1994	53.85	
(D-11-1)4cca-1	05-21-1964	18.1	
	05-08-1992	23.06	
	03-08-1993	15.57	
	09-20-1993	21.79	R
(D-11-1)4ccc-1	04-09-1964	7.9	
	05-21-1964	7.1	
	06-03-1964	35.3	P
	07-21-1964	39.3	P
	10-07-1964	14.8	
	04-09-1965	7.03	
	05-19-1965	7.1	
	05-08-1992	15.10	
	03-08-1993	11.43	
	09-20-1993	18.32	
(D-11-1)8aad-1	01-15-1956	.48	
	02-05-1956	.73	
	03-05-1956	.93	
	04-05-1956	1.12	
	05-05-1956	.66	
	06-05-1956	3.55	
	07-10-1956	5.60	
	08-05-1956	6.56	
	09-05-1956	7.48	

Location	Date	Water level
(D-11-1)8aad-1—Continued	10-05-1956	8.55
	11-10-1956	5.44
	12-05-1956	4.94
	01-05-1957	4.84
	03-05-1957	4.63
	04-05-1957	4.58
	05-10-1957	3.28
	06-05-1957	2.14
	07-05-1957	2.77
	08-05-1957	4.27
	09-05-1957	4.27
	10-05-1957	4.74
	11-05-1957	.28
	12-05-1957	1.43
	05-05-1958	5.71
	06-10-1958	2.37
	07-05-1958	2.83
	08-05-1958	2.29
	09-05-1958	.73
	10-05-1958	2.26
	12-05-1958	3.61
	01-10-1959	4.84
	02-05-1959	5.18
	03-05-1959	5.10
	04-05-1959	5.41
	05-05-1959	4.40
	06-05-1959	.90
	07-31-1959	1.75
	08-05-1959	1.70
	09-05-1959	3.29
	10-05-1959	2.32
	11-10-1959	.22
	12-05-1959	.72
	01-10-1960	1.40
	02-25-1960	1.82
	03-05-1960	1.79
	04-05-1960	1.24
	05-05-1960	1.56
	06-05-1960	5.53
	07-15-1960	7.87
	08-10-1960	9.81
	09-05-1960	11.06
	10-05-1960	9.23
	12-25-1960	6.80
	01-20-1961	6.67
	02-05-1961	6.62
	03-05-1961	6.58
	04-05-1961	6.64
	05-05-1961	9.03
	06-05-1961	12.32
	07-05-1961	13.49
	03-05-1962	8.52
	04-25-1962	8.03

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-11-1)8aad-1—Continued	06-20-1962	13.21
	07-05-1962	14.17
	08-05-1962	17.93
	09-05-1962	18.90
	10-05-1962	13.98
	11-10-1962	11.65
	12-05-1962	10.50
	02-05-1963	8.43
	04-05-1963	7.87
	05-10-1963	10.72
	06-05-1963	15.10
	07-05-1963	16.73
	08-10-1963	19.47
	09-10-1963	21.35
	10-05-1963	19.70
	11-05-1963	15.86
	12-05-1963	14.49
	01-05-1964	13.73
	02-05-1964	13.18
	03-05-1964	12.50
	04-05-1964	11.86
	05-05-1964	11.23
	06-05-1964	15.56
	07-05-1964	16.30
	08-05-1964	19.31
	09-10-1964	22.09
	10-05-1964	18.77
	11-05-1964	16.51
	12-05-1964	14.73
	01-05-1965	13.58
	02-05-1965	12.66
	03-05-1965	11.98
	04-05-1965	11.12
	05-05-1965	11.31
	06-15-1965	18.19
	07-15-1965	21.25
	08-05-1965	21.65
	09-05-1965	22.45
	10-05-1965	20.50
	11-05-1965	18.23
	12-05-1965	15.34
	01-31-1966	12.89
	02-05-1966	12.76
	03-10-1966	11.73
	04-30-1966	13.90
	05-05-1966	16.50
	06-05-1966	20.93
	02-10-1967	16.85
	03-05-1967	16.28
	04-05-1967	14.96
	05-05-1967	15.20
	07-31-1967	23.89
(D-11-1)8aad-1—Continued	03-10-1968	15.72
	04-20-1968	14.47
	05-15-1968	13.90
	06-05-1968	16.15
	07-05-1968	19.92
	08-05-1968	23.33
	09-05-1968	23.27
	10-05-1968	22.34
	11-05-1968	18.40
	12-25-1968	14.88
	01-05-1969	14.55
	02-28-1969	12.30
	03-05-1969	12.07
	04-05-1969	10.86
	05-05-1969	10.62
	06-05-1969	17.51
	07-05-1969	16.18
	08-05-1969	16.61
	09-05-1969	21.55
	10-05-1969	18.50
	11-05-1969	15.24
	12-20-1969	12.86
	02-05-1970	11.21
	03-05-1970	10.27
	04-05-1970	9.48
	05-15-1970	9.90
	06-05-1970	15.10
	07-05-1970	16.15
	09-15-1970	20.02
	11-05-1970	16.25
	01-25-1971	12.23
	02-05-1971	11.81
	03-05-1971	10.81
	04-05-1971	9.90
	05-05-1971	8.87
	06-05-1971	12.02
	07-05-1971	16.62
	08-05-1971	19.91
	09-05-1971	17.95
	10-05-1971	15.15
	11-05-1971	13.29
	12-05-1971	11.67
	01-05-1972	10.47
	02-05-1972	9.36
	03-05-1972	8.60
	04-05-1972	7.73
	05-05-1972	7.88
	06-05-1972	17.08
	07-05-1972	22.08
	08-15-1972	26.62
	09-05-1972	26.35
	10-05-1972	24.82

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-11-1)8aad-1—Continued	11-05-1972	20.59
	12-05-1972	18.52
	01-05-1973	17.14
	02-05-1973	16.12
	04-05-1973	13.61
	05-05-1973	12.38
	06-10-1973	15.90
	07-05-1973	15.24
	08-05-1973	17.03
	09-05-1973	16.58
	10-05-1973	10.96
	11-05-1973	8.36
	12-05-1973	6.83
	01-05-1974	5.60
	02-05-1974	4.68
	03-05-1974	4.06
	08-25-1974	24.60
	09-05-1974	26.05
	10-05-1974	24.57
	11-05-1974	18.33
	12-05-1974	15.68
	01-05-1975	13.95
	02-05-1975	12.58
	03-05-1975	11.26
	04-05-1975	10.21
	05-05-1975	9.48
	06-05-1975	14.96
	07-05-1975	18.28
	08-05-1975	21.53
	09-05-1975	25.53
	10-05-1975	22.72
	11-05-1975	17.81
	12-05-1975	15.00
	01-05-1976	13.06
	02-05-1976	11.35
	03-05-1976	10.07
	04-05-1976	8.60
	05-05-1976	7.67
	06-05-1976	17.75
	07-05-1976	24.03
	08-05-1976	26.57
	09-05-1976	29.82
	10-05-1976	25.42
	11-05-1976	20.80
	12-05-1976	18.56
	01-05-1977	16.90
	02-05-1977	15.82
	03-05-1977	14.83
	04-05-1977	13.88
	05-05-1977	20.69
	06-05-1977	25.13
	07-05-1977	32.23
	08-05-1977	34.87
(D-11-1)8aad-1—Continued	09-05-1977	33.64
	10-05-1977	28.92
	11-05-1977	24.65
	12-05-1977	22.83
	01-05-1978	21.26
	02-05-1978	19.97
	03-05-1978	18.89
	04-05-1978	17.83
	05-05-1978	16.57
	06-05-1978	20.21
	07-05-1978	23.20
	08-05-1978	28.90
	09-05-1978	31.86
	10-05-1978	24.78
	11-05-1978	20.60
	12-05-1978	17.83
	01-05-1979	16.20
	02-05-1979	14.63
	03-05-1979	13.25
	04-05-1979	11.97
	05-05-1979	11.27
	06-05-1979	18.39
	07-05-1979	23.60
	08-05-1979	28.79
	09-05-1979	30.47
	10-05-1979	27.77
	11-05-1979	21.88
	12-05-1979	19.14
	01-05-1980	17.08
	02-05-1980	15.61
	03-05-1980	14.01
	04-05-1980	12.64
	05-05-1980	11.73
	06-05-1980	15.30
	07-05-1980	18.60
	08-05-1980	19.02
	09-05-1980	21.50
	10-05-1980	16.11
	11-05-1980	12.01
	12-05-1980	9.62
	01-05-1981	7.96
	02-05-1981	6.65
	03-05-1981	5.77
	04-05-1981	4.93
	05-05-1981	5.03
	06-05-1981	6.32
	07-05-1981	14.05
	08-05-1981	18.73
	09-05-1981	20.61
	10-05-1981	15.16
	11-05-1981	11.48
	12-05-1981	9.65
	01-05-1982	8.26

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-11-1)8aad-1—Continued	02-05-1982	7.40	
	03-05-1982	6.43	
	04-05-1982	5.27	
	05-05-1982	4.31	
	06-05-1982	7.02	
	07-05-1982	10.74	
	08-05-1982	8.22	
	09-05-1982	12.75	
	03-01-1983	.81	
	09-01-1983	-1.60	
	09-07-1988	5.35	
	03-01-1989	1.09	
	09-06-1989	14.03	S
	03-01-1990	5.89	
	09-04-1990	23.86	
	03-05-1991	11.63	
	09-17-1991	23.20	
	03-02-1992	11.79	
	09-22-1992	25.80	
	03-03-1993	15.51	
	04-30-1993	14.11	
	06-29-1993	18.43	
	07-27-1993	22.47	
	08-26-1993	26.53	
	09-27-1993	20.27	
	10-26-1993	15.80	
	11-29-1993	13.17	
	12-21-1993	12.04	
	01-26-1994	10.47	
	02-25-1994	8.76	
	03-02-1994	9.19	
	03-28-1994	8.39	
(D-11-1)8add-1	02-26-1964	16.5	
	04-06-1964	15.7	
	05-21-1964	15.5	
	07-21-1964	22.7	
	10-07-1964	23.2	
	03-03-1965	15.8	
	04-09-1965	14.7	
(D-11-1)8bcd-1	04-13-1964	-28.3	
	04-29-1964	-28.8	
	05-25-1964	-28.2	
	04-09-1965	-27.3	
(D-11-1)8bda-1	08-01-1935	-43.8	
	06-01-1956	-33.8	
	04-04-1964	-20.7	
	05-25-1964	-21.9	
	07-21-1964	-18.1	
	10-16-1964	-16.3	
	04-09-1965	-22.2	
(D-11-1)8cab-1	04-30-1956	-26.6	
	05-05-1956	-26.5	
	05-10-1956	-27.0	
	05-15-1956	-26.9	
	05-20-1956	-27.0	
	05-25-1956	-26.4	
	05-31-1956	-26.3	
	06-04-1956	-26.2	
	04-14-1964	-14.3	
	04-29-1964	-14.8	
	05-20-1964	-15.0	
	04-14-1965	-14.6	
(D-11-1)8cba-1	04-13-1964	-25.3	
	04-30-1964	-25.7	
	05-25-1964	-26.2	
	04-14-1965	-26.7	
(D-11-1)8cdb-1	04-14-1949	1.98	
	04-09-1965	2.68	
	05-08-1992	3.08	
	03-22-1993	2.27	
	09-20-1993	3.33	
(D-11-1)9bbb-2	06-03-1964	38.6	R
	05-18-1965	6.98	
	03-08-1993	9.02	
(D-11-1)9bbb-3	05-11-1992	17.22	
	03-08-1993	11.95	
	09-20-1993	20.37	S
(D-11-1)9bbb-4	08-01-1935	-5.9	
	08-31-1935	-6.4	
	10-08-1935	-6.8	
	11-19-1935	-6.8	
	12-14-1935	-6.8	
	01-23-1936	-6.7	
	03-05-1936	-6.8	
	05-01-1936	-6.4	
	06-20-1936	-6.8	
	08-08-1936	-7.7	
	10-03-1936	-7.9	
	11-30-1936	-8.6	
	02-04-1937	-8.4	
	04-13-1937	-8.6	
	06-10-1937	-8.2	
	08-01-1937	-9.2	
	10-04-1937	-9.2	
	11-02-1937	-10.0	
	12-12-1937	-10.8	
	02-25-1938	-10.3	
	04-06-1938	-10.2	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-11-1)9bbb-4—Continued	06-02-1938	-8.7	
	08-26-1938	-11.4	
	10-09-1938	-11.1	
	12-23-1938	-12.4	
	03-04-1939	-12.2	
	04-14-1939	-11.8	
	06-19-1939	-9.4	
	08-24-1939	-8.8	
	10-13-1939	-9.1	
	12-01-1939	-8.6	
	02-06-1940	-8.4	
	03-27-1940	-8.1	
	06-03-1940	-7.5	
	12-03-1940	-10.3	
	03-08-1941	-9.7	
	12-06-1941	-14.6	
	03-26-1942	-14.0	
	07-20-1942	-14.8	
	12-26-1942	-14.9	
	03-24-1943	-14.5	
	12-08-1943	-10.5	
	03-20-1944	-9.6	
	12-02-1944	-12.8	
	04-04-1945	-13.5	
	12-04-1945	-13.8	
	03-11-1946	-13.2	
	12-19-1946	-11.4	
	03-28-1947	-13.6	
	12-14-1947	-13.3	
	03-18-1948	-12.3	
	07-11-1948	-11.2	
	04-04-1949	-12.2	
	12-13-1949	-11.7	
	03-31-1950	-11.5	
	12-11-1950	-9.8	
	12-13-1951	-6.0	
	05-06-1952	-4.9	
	12-01-1952	-11.7	
	03-10-1953	-11.6	
	03-27-1954	-8.2	
	03-14-1955	-3.0	
	10-26-1955	1.2	
	11-18-1955	1.1	
	12-28-1955	.5	
	03-12-1956	.4	
	03-30-1956	.53	
	04-05-1956	.60	
	04-26-1956	.22	
	07-20-1956	5.46	
	09-26-1956	7.80	
	11-08-1956	4.36	
	04-04-1957	4.33	
	12-09-1957	-2.58	
(D-11-1)9bbb-4—Continued	02-14-1958	-4.5	
	03-21-1958	-5.5	
	03-23-1959	-7.5	
	03-24-1960	-4.6	
	04-13-1961	4.90	
	03-08-1962	6.50	
	12-13-1962	7.82	
	03-04-1963	6.01	
	12-03-1963	12.20	
	10-21-1964	15.81	
	12-09-1964	12.11	
	02-02-1965	10.47	
	03-03-1965	9.61	
	05-05-1965	8.21	
	05-18-1965	8.62	
	06-04-1965	13.48	
	07-06-1965	16.92	
	08-02-1965	20.33	
	09-09-1965	19.82	
	10-14-1965	20.69	
	11-02-1965	15.97	
	12-01-1965	13.27	
	01-06-1966	11.50	
	02-10-1966	10.35	
	03-11-1966	9.59	
	04-07-1966	9.10	
	09-14-1966	23.18	
	03-08-1967	13.52	
	11-28-1967	18.41	
	03-07-1968	14.43	
(D-11-1)9bbb-5	06-03-1964	12.6	
	05-18-1965	7.09	
	03-08-1993	11.38	R
	09-20-1993	19.37	R
(D-11-1)9cbc-1	04-06-1964	65.3	
	10-15-1964	75.4	
	03-03-1965	68.0	
	04-08-1965	66.85	
	03-08-1993	71.48	
	09-20-1993	76.00	
(D-11-1)9cca-1	11-09-1955	86.1	
	04-06-1964	96.1	
	10-15-1964	115.2	
	03-03-1965	96.5	
	04-08-1965	95.3	
	05-21-1965	96.1	
	03-08-1993	99.80	
	09-20-1993	104.62	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-11-1)16cbd-1	03-09-1993	180.21
	09-20-1993	183.80
	03-24-1993	395.45
	04-30-1993	393.75
	05-28-1993	395.63
	07-29-1993	397.43
	08-26-1993	400.04
	09-28-1993	398.63
	10-26-1993	396.22
	11-29-1993	393.78
	12-21-1993	393.54
	01-27-1994	391.25
	03-03-1994	389.87
	03-28-1994	389.86
[7] (D-11-1)17bba-1	04-16-1956	-23
	05-20-1964	-15.2
	07-21-1964	-11.1
	10-16-1964	-9.0
	04-08-1965	-14.5
(D-11-1)17cdd-1	03-18-1975	54.02
	09-16-1975	52.20
	03-05-1976	52.80
	03-04-1977	57.64
	03-03-1978	61.69
	03-08-1979	55.93
	03-03-1980	56.72
	09-08-1980	41.90
	03-02-1981	48.57
	09-09-1981	60.74
	03-03-1982	49.33
	09-14-1982	51.12
	03-01-1983	41.63
	09-01-1983	26.80
	03-06-1984	27.24
	09-04-1984	19.94
	03-05-1985	24.54
	09-17-1985	30.48
	03-10-1986	32.10
	09-02-1986	32.39
	03-02-1987	32.57
	09-14-1987	38.78
	03-02-1988	38.43
	09-07-1988	46.26
	03-01-1989	42.70
	09-06-1989	54.59
	03-01-1990	48.85
	03-05-1991	54.56
	09-17-1991	63.46
	03-02-1992	54.76
	09-22-1992	66.88
	03-03-1993	58.58
(D-11-1)17cdd-1—Continued	09-20-1993	61.65
	03-02-1994	51.98
(D-11-1)18dda-1	04-07-1964	12.7
	05-21-1964	11.3
	07-22-1964	11.8
	10-08-1964	12.2
	04-03-1965	15.9
	06-07-1965	12.24
	05-12-1992	11.84
	03-23-1993	6.40
	09-20-1993	6.68
(D-11-1)20aab-1	03-09-1993	123.65
	09-20-1993	126.65
(D-11-1)20bda-1	04-14-1949	12.35
	03-22-1951	12.37
	04-15-1964	29.50
	05-27-1964	28.70
	07-21-1964	31.80
	10-14-1964	34.70
	04-08-1965	29.00
(D-11-1)20dbc-1	06-22-1992	72.19
	03-22-1993	69.52
	09-24-1993	71.74
(D-11-1)21bbb-1	03-16-1965	167.25
	03-30-1965	166.91
	04-08-1965	166.61
	06-08-1965	167.34
(D-11-1)30bad-1	04-21-1964	-8.4
	04-08-1965	-7.4
	07-08-1965	-7.4
	05-14-1992	-8.5
	03-22-1993	-8.4
	09-09-1993	-7.9
(D-11-1)30bda-1	04-08-1965	-7.3
	07-08-1965	-6.8
	08-03-1965	-6.7
	09-09-1965	-6.9
	10-14-1965	-7.2
	11-03-1965	-6.8
	12-01-1965	-6.0
	01-01-1966	-7.0
	02-10-1966	-7.3
	03-11-1966	-7.8
	04-07-1966	-7.4
	09-14-1966	-6.8
	03-08-1967	-7.5

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-11-1)30bda-1—Continued	03-07-1968	-7.6
	09-18-1968	-7.7
	02-27-1969	-8.5
	03-06-1969	-8.5
	09-11-1969	-7.8
	03-03-1970	-8.7
	09-09-1970	-7.9
	03-02-1971	-8.4
	09-09-1971	-8.3
	03-03-1972	-9.1
	09-22-1972	-7.2
	03-08-1973	-7.9
	10-12-1973	-8.5
	09-11-1974	-8.4
	03-12-1975	-9.0
	09-16-1975	-7.4
	03-05-1976	-8.7
	09-01-1976	-7.3
	03-04-1977	-6.7
	08-31-1977	-6.6
	03-03-1978	-7.0
	08-31-1978	-7.1
	03-08-1979	-7.6
	09-05-1979	-6.8
	03-03-1980	-7.9
	09-08-1980	-8.1
	09-09-1981	-7.5
	09-14-1982	-8.2
	03-06-1984	-9.3
	09-14-1987	-7.6
	09-07-1988	-6.7
	03-01-1989	-7.6
	09-06-1989	-6.2
	03-01-1990	-7.5
	09-04-1990	-6.3
	03-05-1991	-7.0
	09-17-1991	-6.5
	03-02-1992	-7.0
	09-22-1992	-5.5
	03-03-1993	-6.3
	09-09-1993	-6.7
	03-03-1994	-7.9
(D-11-1)31abc-1	05-01-1936	-1.45
	06-20-1936	-1.76
	08-08-1936	-1.86
	10-03-1936	-1.92
	11-30-1936	-2.05
	04-13-1937	-2.18
	06-10-1937	-2.40
	08-01-1937	-2.53
	09-23-1937	-2.63
	11-02-1937	-2.60
(D-11-1)31abc-1—Continued	12-21-1937	-2.47
	02-25-1938	-2.35
	04-06-1938	-2.43
	06-02-1938	-2.56
	08-26-1938	-2.60
	10-09-1938	-2.80
	12-23-1938	-2.75
	04-14-1939	-2.77
	06-19-1939	-2.45
	08-24-1939	-1.52
	10-13-1939	-1.44
	12-01-1939	-1.43
	02-06-1940	-1.76
	03-27-1940	-2.00
	06-03-1940	-1.97
	12-03-1940	-2.50
	03-18-1941	-2.65
	12-06-1941	-3.88
	03-26-1942	-2.07
	07-20-1942	-3.30
	12-26-1942	-3.10
	03-14-1943	-3.29
	12-18-1943	-1.76
	03-20-1944	-1.15
	12-02-1944	-2.78
	04-04-1945	-2.75
	12-04-1945	-2.52
	03-11-1946	-3.35
	12-19-1946	-2.30
	03-25-1947	-3.27
	12-14-1947	-3.35
	03-18-1948	-3.68
	12-15-1948	-2.65
	04-04-1949	-2.92
	12-13-1949	-2.27
	03-31-1950	-2.72
	12-11-1950	-2.32
	03-22-1951	-2.30
	12-13-1951	-1.74
	05-06-1952	-3.38
	12-01-1952	-3.53
	03-10-1953	-4.03
	12-16-1953	-2.34
	03-27-1954	-3.00
	12-03-1954	-1.62
	03-14-1955	-1.85
	11-08-1955	-1.21
	03-22-1956	-1.58
	12-03-1956	-.98
	04-04-1957	-1.50
	12-09-1957	-2.17
	03-21-1958	-2.08
	03-23-1959	-1.96

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-11-1)31abc-1—Continued	03-24-1960	-1.15
	04-13-1961	-.72
	03-08-1962	-.44
	12-13-1962	-1.05
	03-04-1963	-1.05
	12-03-1963	-.23
	10-21-1964	-.10
	12-09-1964	-.30
	02-02-1965	-.53
	03-03-1965	-.70
	05-05-1965	-.75
	06-04-1965	-.45
	07-06-1965	-.30
	08-02-1965	-.30
	09-09-1965	-.20
	10-14-1965	-.30
	11-03-1965	-.30
	12-01-1965	-.70
	01-06-1966	-.70
	02-10-1966	-.90
	03-11-1966	-1.00
	04-07-1966	-1.10
	03-08-1967	-.50
	03-07-1968	-.73
	02-27-1969	-1.60
	03-06-1969	-1.62
	03-03-1970	-1.78
	09-09-1970	-1.66
	03-02-1971	-1.72
	09-09-1971	-1.70
	03-03-1972	-1.76
	03-08-1973	-.85
	10-12-1973	-1.48
	03-07-1974	-2.80
	09-11-1974	-1.07
	03-12-1975	-1.50
	09-16-1975	-.75
	03-05-1976	-1.77
	09-01-1976	-.14
	03-04-1977	-.45
	08-31-1977	.73
	03-03-1978	.15
	08-31-1978	-.59
	03-08-1979	-1.20
	09-05-1979	-.59
	03-03-1980	-1.14
	09-08-1980	-2.35
	03-02-1981	-2.72
	09-09-1981	-1.40
	03-02-1982	-2.43
	09-14-1982	-1.73
	03-01-1983	-4.06
	09-02-1983	-7.0
(D-11-1)31abc-1—Continued	03-06-1984	-4.80
	09-04-1984	-7.10
	03-05-1985	-4.82
	09-17-1985	-3.30
	03-10-1986	-3.10
	09-02-1986	-3.10
	03-02-1987	-3.56
	09-14-1987	-2.00
	03-02-1988	-2.13
	09-07-1988	-1.39
	03-01-1989	-1.59
	09-06-1989	-.59
	03-01-1990	-.91
	09-04-1990	.10
	03-05-1991	-.63
	09-17-1991	-.10
	03-02-1992	-.62
	03-22-1993	-.37
	09-24-1993	-.65
	03-03-1994	-1.4
(D-11-1)33bdc-1	05-13-1992	222.29
	03-09-1993	221.37
	04-30-1993	221.58
	05-28-1993	221.14
	06-29-1993	219.11
	07-27-1993	221.27
	08-26-1993	221.71
	09-28-1993	219.78
	10-26-1993	219.10
	11-29-1993	218.99
	12-21-1993	218.25
	01-26-1994	217.89
	03-03-1994	217.85
	03-28-1994	217.84
(D-11-1)33cab-1	05-15-1962	240.5
	04-08-1964	236.2
	10-06-1964	238.0
	04-07-1965	236.10
	03-05-1980	232.93
	03-02-1981	231.04
(D-12-1)5bab-1	06-30-1992	126.83
	03-22-1993	124.87
	09-24-1993	123.70
(D-12-1)6ddd-1	04-15-1964	28.00
	05-22-1964	29.10
	07-22-1964	28.90
	10-06-1964	30.50
	04-07-1965	28.00

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-12-1)6ddd-2	05-27-1992	30.94	P
	03-22-1993	30.59	P
	09-24-1993	29.43	
(D-12-1)7aab-1	05-27-1992	18.82	
	03-09-1993	18.53	
	04-30-1993	17.84	
	05-28-1993	18.52	
	06-29-1993	17.24	
	07-27-1993	16.75	
	08-26-1993	17.77	
	09-28-1993	17.52	
	10-26-1993	16.90	
	11-29-1993	16.30	
	12-21-1993	16.25	
	02-26-1994	16.16	
(D-12-1)8ccd-1	05-25-1964	-11.5	
	07-22-1964	-7.7	
	10-14-1964	-7.6	
	04-07-1965	-12.3	
	06-30-1992	12.37	
	03-22-1993	9.77	
	09-20-1993	9.10	
[8] (D-12-1)17bdd-1	07-20-1965	-.52	
	06-11-1992	.84	
	03-22-1993	.52	
	09-20-1993	1.72	
(D-12-1)17dba-2	06-30-1992	67.19	
	03-19-1993	65.75	
	09-24-1993	64.82	R
(D-12-1)17dbb-1	06-11-1992	25.56	
	03-24-1993	26.70	
	09-24-1993	26.10	
(D-12-1)17dbc-1	06-11-1992	18.92	
	03-24-1993	19.70	
	04-30-1993	19.27	
	05-28-1993	19.48	
	06-29-1993	19.18	
	07-27-1993	19.14	
	08-26-1993	19.31	
	09-24-1993	19.33	
	10-26-1993	18.60	
	11-23-1993	17.80	
	12-21-1993	17.58	
	01-26-1994	17.01	
	02-25-1994	16.54	
	03-28-1994	15.97	
(D-12-1)17dcc-2	06-11-1992	45.09	
	03-19-1993	47.17	
	09-24-1993	44.13	
(D-12-1)17dcd-1	04-14-1949	34.55	
	03-22-1951	37.45	
	12-03-1954	36.17	
	03-14-1955	35.13	
	12-09-1957	37.32	
	03-21-1958	36.15	
	12-19-1958	35.60	
	03-23-1959	35.42	
	12-18-1959	40.85	
	03-24-1960	40.50	
	04-13-1961	42.78	
	03-03-1964	43.4	
	04-09-1964	43.8	
	04-07-1965	45.60	
	06-11-1992	48.00	
	09-24-1993	49.57	
(D-12-1)19acb-1	07-14-1965	-10.2	
	05-27-1992	2.0	
	03-19-1993	-3.0	
	09-08-1993	-1.25	
(D-12-1)19acb-2	06-26-1964	-5.2	
	04-07-1965	-9.1	
	07-14-1965	-8.6	
	05-27-1992	2.5	
	09-24-1993	-3.0	
(D-12-1)19cdc-1	11-20-1935	-1.1	
	12-14-1935	-1.1	
	01-23-1936	-1.5	
	05-01-1936	-2.8	
	06-20-1936	-8.0	
	08-08-1936	-10.0	
	10-02-1936	-9.9	
	11-30-1936	-10.1	
	04-13-1937	-10.8	
	06-10-1937	-14.8	
	08-01-1937	-17.2	
	09-24-1937	-16.6	
	11-02-1937	-16.1	
	12-21-1937	-15.7	
	02-25-1938	-15.3	
	04-07-1938	-15.2	
	06-02-1938	-17.4	
	08-26-1938	-19.0	
	10-09-1938	-17.9	
	12-23-1938	-17.4	
	04-14-1939	-17.1	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-12-1)19cdc-1—Continued	06-19-1939	-16.0
	08-24-1939	-14.8
	10-13-1939	-13.5
	12-01-1939	-12.8
	02-06-1940	-12.2
	03-27-1940	-12.7
	06-03-1940	-14.8
	12-03-1940	-14.3
	03-18-1941	-14.7
	12-06-1941	-21.5
	07-20-1942	-23.8
	12-26-1942	-21.3
	03-24-1943	-21.2
	12-18-1943	-16.2
	12-02-1944	-18.6
	04-04-1945	-19.5
	12-04-1945	-21.1
	03-11-1946	-20.4
	12-19-1946	-18.7
	03-28-1947	-17.6
	12-14-1947	-17.4
	04-06-1963	-6.5
	04-09-1964	-5.7
	05-26-1964	-6.6
	10-06-1964	5.2
	04-06-1965	-6.5
	05-15-1965	-7.1
	06-04-1965	-8.0
	06-23-1965	-9.8
	06-25-1965	-10.1
	06-26-1965	-9.4
	06-28-1965	-8.4
	07-01-1965	-8.5
	07-02-1965	-7.8
	07-06-1965	-7.4
	07-08-1965	-6.4
	07-13-1965	-5.7
	07-15-1965	-5.4
	07-20-1965	-4.4
	07-22-1965	-3.7
	07-24-1965	-3.4
	07-26-1965	-2.9
	08-02-1965	-1.87
	08-07-1965	-.95
	08-10-1965	-.50
	08-12-1965	-.25
	08-18-1965	.52
	08-25-1965	1.17
	09-09-1965	2.55
	09-15-1965	3.15
	09-26-1965	-.05
	10-09-1965	-2.9
	10-14-1965	-3.9
(D-12-1)19cdc-1—Continued	10-21-1965	-4.7
	11-03-1965	-6.3
	12-01-1965	-8.5
	01-06-1966	-10.1
	02-10-1966	-11.4
	03-11-1966	-11.4
	04-07-1966	-11.9
	09-14-1966	10.98
	03-08-1967	-5.6
	03-06-1968	-7.5
	09-23-1968	-8.5
	02-27-1969	-15.2
	03-06-1969	-15.3
	03-03-1970	-20.2
	09-09-1970	-13.4
	03-04-1971	-17.1
	09-09-1971	-2.25
	03-03-1972	-17.8
	09-22-1972	9.9
	03-07-1973	-9.3
	10-12-1973	-11.8
	03-07-1974	-19.8
	03-12-1975	-14.3
	09-16-1975	-5.84
	03-05-1976	-19.5
	09-01-1976	6.09
	03-04-1977	-11.6
	08-03-1977	16.06
	03-03-1978	-3.16
	08-31-1978	1.32
	03-08-1979	-13.2
	09-05-1979	3.84
	03-04-1980	-14.0
	09-09-1980	-12.7
	03-02-1981	-23.9
	09-09-1981	-3.55
	03-03-1982	-17.1
	09-14-1982	-10.4
	03-01-1983	-24.0
	09-02-1983	-33.6
	03-06-1984	-36.3
	09-04-1984	-41.0
	03-05-1985	-38.6
	09-17-1985	-33.9
	03-11-1986	-32.6
	09-02-1986	-30.3
	03-02-1987	-32.5
	09-14-1987	-16.9
	03-02-1988	-21.3
	09-07-1988	-4.57
	03-01-1989	-15.4
	09-06-1989	3.41
	03-01-1990	-9.0

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-12-1)19cdc-1—Continued	09-04-1990	17.32	
	03-05-1991	-2.28	
	09-17-1991	14.65	
	03-02-1992	-2.53	
	09-22-1992	19.78	
	03-12-1993	2.90	
	04-29-1993	.78	
	05-24-1993	1.84	
	06-28-1993	1.00	
	07-26-1993	5.43	
	08-25-1993	5.86	
	09-28-1993	1.75	
	10-26-1993	-3.1	
	12-21-1993	-5.6	
	01-27-1994	-7.8	
	02-25-1994	-8.2	
	03-02-1994	-8.9	
	03-30-1994	-8.7	
(D-12-1)19dbb-1	04-14-1949	-16.5	
	03-22-1951	-14.1	
	05-06-1952	-13.3	
	12-01-1952	-22.1	
	03-10-1953	-21.6	
	03-27-1954	-19.8	
	12-03-1954	-14.0	
	03-22-1956	-9.9	
	12-03-1956	-7.1	
	04-04-1957	-9.1	
	12-09-1957	-15.2	
	03-21-1958	-15.4	
	03-23-1959	-16.7	
	03-24-1960	-9.0	
	12-13-1962	-9.6	
	03-04-1963	-10.6	
	12-03-1963	-4.4	
	10-21-1964	-1.4	
	12-09-1964	-4.7	
	02-02-1965	-6.3	
	03-03-1965	-5.8	
	04-07-1965	-9.3	
	05-05-1965	-4.8	
	06-04-1965	-7.1	
	07-06-1965	-5.6	
	08-02-1965	-3.3	
	09-09-1965	-1.4	
	10-14-1965	-3.5	
	11-03-1965	-5.2	
	12-01-1965	-6.4	
	01-06-1966	-7.0	
	02-17-1966	-6.8	
	03-11-1966	-7.2	
	04-07-1966	-8.4	
(D-12-1)20abd-1	04-14-1964	30.1	
	05-22-1964	28.8	
	04-05-1965	28.68	
(D-12-1)20ccd-1	06-02-1992	46.32	R
	03-03-1993	49.72	
	09-24-1993	45.99	
(D-12-1)28cbc-1	06-18-1992	122.23	
	03-03-1993	118.13	
	09-27-1993	115.35	
(D-12-1)28ccb-1	06-18-1992	132.95	
	03-03-1993	127.32	
	09-29-1993	124.39	
(D-12-1)30aad-2	10-14-1964	45.70	
	04-05-1965	42.02	
	07-21-1965	40.10	
	09-09-1970	32.29	
	03-02-1971	30.82	
	09-09-1971	33.12	
	03-03-1972	30.82	
	09-22-1972	41.14	
	03-07-1973	36.98	
	10-12-1973	32.65	
	03-07-1974	28.28	
	09-11-1974	34.24	
	03-12-1975	31.97	
	09-16-1975	32.07	
	03-05-1976	28.44	
	09-01-1976	36.71	
	03-04-1977	34.48	
	08-31-1977	45.37	
	03-03-1978	42.43	
	08-31-1978	38.84	
	03-08-1979	33.81	
	09-05-1979	35.67	
	03-04-1980	32.66	
	09-09-1980	26.99	S
	03-02-1981	23.79	
	09-09-1981	30.40	
	03-03-1982	28.75	
	09-14-1982	26.41	
	03-01-1983	23.37	
	09-02-1983	15.67	
	03-06-1984	12.88	
	09-04-1984	8.95	
	03-05-1985	10.15	
	09-17-1985	14.62	
	03-11-1986	14.95	
	09-03-1986	14.66	
	03-02-1987	15.70	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-12-1)30aad-2—Continued	09-14-1987	24.26
	03-02-1988	24.47
	09-07-1988	30.52
	03-01-1989	29.91
	09-06-1989	38.22
	03-01-1990	36.27
	09-04-1990	46.14
	03-05-1991	43.60
	09-17-1991	50.57
	03-02-1992	44.25
	09-22-1992	55.52
(D-12-1)30cad-1	03-11-1964	33.80
	04-09-1964	33.20
	05-22-1964	32.00
	04-05-1965	31.61
	03-05-1976	23.30
	03-14-1977	26.96
	08-31-1977	37.52
	03-03-1978	34.71
	08-31-1978	30.63
	03-08-1979	25.70
	09-05-1979	28.15
	03-04-1980	24.74
	09-09-1980	19.60
	03-02-1981	16.75
	09-09-1981	23.49
	03-03-1982	21.43
	09-14-1982	19.68
	03-01-1983	15.20
	09-02-1983	8.53
	03-06-1984	5.45
	09-04-1984	5.80
	09-17-1985	7.20
	03-11-1986	7.49
	09-14-1987	17.00
	03-02-1988	17.69
	09-07-1988	24.07
	03-02-1989	22.88
	09-06-1989	30.94
	03-01-1990	28.80
	09-04-1990	37.81
	03-05-1991	35.26
	09-17-1991	41.33
	03-02-1992	35.64
	09-23-1992	47.23
	03-02-1993	41.57
	09-29-1993	36.26
	03-03-1994	30.61
(D-12-1)30dcc-1	04-13-1949	30.52
	06-04-1964	40.2
	04-05-1965	40.0
	04-21-1965	37.98
(D-12-1)31aab-1	02-19-1962	56.9
	04-09-1964	50.0
	05-22-1964	48.6
	04-05-1965	48.4
	08-25-1965	54.08
	06-02-1992	67.40
	03-03-1993	58.27
	09-24-1993	56.09
(D-12-1)31cac-1	03-03-1993	64.40
	09-21-1993	62.47
[9] (D-12-1)31cba-1	04-14-1949	28.30
	02-25-1962	48.8
	04-09-1964	50.0
	11-05-1964	40.60
	04-05-1965	36.0
	06-03-1992	34.82
	03-08-1993	36.75
	09-21-1993	29.60
(D-12-1)31cca-1	04-14-1949	30.48
	04-05-1950	31.79
	12-13-1950	32.85
	02-23-1951	33.53
	06-09-1951	33.99
	12-13-1951	47.28
	12-01-1952	26.10
	03-10-1953	25.88
	03-27-1954	29.36
	12-03-1954	25.85
	03-14-1955	36.78
	11-28-1955	41.60
	03-22-1956	40.62
	12-03-1956	43.43
	04-04-1957	42.07
	12-09-1957	34.70
	03-21-1958	34.29
	12-19-1958	32.48
	03-23-1959	32.28
	12-18-1959	41.15
	03-24-1960	40.94
	04-13-1961	44.06
	03-08-1962	50.49
	12-13-1962	42.98
	03-04-1963	41.00
	12-03-1963	48.20
	11-04-1964	51.95
	12-09-1964	46.46
	02-02-1965	44.00
	03-03-1965	43.17
	04-01-1965	42.10
	05-05-1965	41.17

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-12-1)31cca-1—Continued	06-04-1965	40.31	
	07-07-1965	42.20	
	08-02-1965	47.92	
	09-09-1965	52.52	
	10-14-1965	45.38	
	11-03-1965	42.97	
	12-01-1965	40.44	
	01-06-1966	39.02	
	02-17-1966	38.00	
	03-11-1966	37.54	
	04-07-1966	37.18	
	09-14-1966	61.07	
	03-07-1967	43.28	
	11-28-1967	45.68	
	03-06-1968	41.24	
	09-19-1968	40.67	
	02-25-1969	33.24	
	03-05-1969	33.28	
	09-10-1969	40.64	
	03-03-1970	28.20	
	09-11-1970	46.81	
	03-08-1971	31.33	
	09-09-1971	47.67	
	03-01-1972	31.13	
	09-22-1972	60.30	
	03-07-1973	39.32	
	03-07-1974	28.35	
	03-12-1975	34.26	
	03-04-1976	28.92	
	03-04-1977	37.37	
	03-03-1978	45.94	
	03-08-1979	34.62	
	03-04-1980	34.65	
	03-02-1981	24.30	
	03-03-1982	31.50	
	03-01-1983	24.25	
	03-14-1984	11.80	
	03-20-1985	8.77	
	03-11-1986	14.64	
	03-02-1987	14.80	
	03-02-1988	26.34	
	03-02-1989	32.17	
	03-05-1991	47.17	
	03-02-1992	51.68	
	03-12-1993	51.98	
	09-21-1993	50.82	
	03-02-1994	39.76	
(D-12-1)32abd-1	06-15-1992	109.48	R
	03-08-1993	100.83	
	09-24-1993	98.15	

Location	Date	Water level
(D-13-1)1cab-1	03-21-1962	46.9
	02-02-1964	52.8
	04-06-1964	53.1
	03-30-1965	45.4
(D-13-1)3acc-1	02-27-1964	37.5
	04-06-1964	37.7
	03-30-1965	37.55
	12-02-1965	37.78
	05-26-1993	37.19
	06-28-1993	37.13
	07-26-1993	37.49
	08-25-1993	37.64
	09-28-1993	37.43
	10-26-1993	37.17
	11-22-1993	37.00
	12-21-1993	36.92
	01-26-1994	36.92
	02-23-1994	36.90
	03-30-1994	37.04
(D-13-1)4cca-1	05-04-1963	158.40
	02-28-1964	157.00
	05-27-1964	153.70
	03-30-1965	154.40
(D-13-1)4ccb-1	07-06-1954	139.82
	12-03-1954	144.50
	03-14-1955	145.46
	05-31-1955	145.03
	11-28-1955	150.49
	09-20-1956	159.35
	12-03-1956	152.26
	12-09-1957	142.65
	03-21-1958	142.59
	12-19-1958	140.42
	03-23-1959	140.53
	09-18-1959	161.28
	12-18-1959	150.92
	03-24-1960	149.55
	04-13-1961	152.97
	03-08-1962	154.71
	12-13-1962	150.95
	03-04-1963	149.61
	12-03-1963	155.78
	02-28-1964	153.7
	05-27-1964	150.8
	10-22-1964	161.89
	12-09-1964	163.45
	02-02-1965	152.95
	03-03-1965	152.09
	03-30-1965	151.27
	05-12-1965	150.13

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-13-1)4ccb-1—Continued	06-04-1965	148.80
	06-23-1965	147.80
	07-01-1965	152.49
	10-14-1965	153.58
	11-03-1965	151.33
	12-02-1965	148.89
	01-06-1966	146.49
	02-17-1966	146.75
	03-14-1966	146.32
	04-07-1966	146.04
	09-14-1966	171.50
	03-07-1967	152.52
	03-06-1968	150.15
	09-19-1968	148.60
	02-27-1969	141.78
	03-06-1969	141.57
	09-11-1969	154.58
	03-04-1970	136.33
	03-04-1971	139.53
	03-03-1972	142.29
	03-07-1973	148.09
	03-06-1974	136.35
	03-12-1975	142.88
	03-05-1976	137.20
	03-04-1977	145.95
	03-06-1978	154.90
	03-08-1979	142.77
	03-05-1980	142.93
	09-09-1980	146.73
	03-02-1981	132.23
	09-09-1981	159.50
	10-02-1981	150.54
	11-17-1981	143.39
	12-29-1981	141.50
	01-20-1982	140.92
	03-03-1982	139.80
	04-23-1982	138.30
	05-18-1982	136.52
	06-03-1982	133.95
	07-06-1982	135.05
	08-04-1982	145.94
	09-14-1982	150.71
	10-05-1982	141.45
	11-17-1982	134.67
	12-15-1982	133.87
	01-18-1983	132.40
	02-03-1983	132.22
	03-01-1983	132.13
	04-13-1983	132.06
	05-04-1983	131.23
	05-07-1983	130.03
	07-19-1983	123.50
	08-16-1983	122.27
(D-13-1)4ccb-1—Continued	09-02-1983	119.26
	10-19-1983	116.25
	11-04-1983	116.19
	03-06-1984	118.99
	09-04-1984	112.73
	03-05-1985	115.33
	09-18-1985	120.72
	03-11-1986	122.22
	09-03-1986	123.95
	03-02-1987	122.47
	09-14-1987	140.80
	03-04-1988	134.99
	03-02-1989	140.88
	09-07-1989	164.22
	03-04-1991	155.85
	09-17-1991	174.10
	03-03-1992	155.22
	03-12-1993	161.49
(D-13-1)4cda-1	03-11-1977	156.72
	04-26-1977	162.23
	05-06-1977	170.67
	08-31-1977	192.85
	03-06-1978	165.67
	04-13-1993	170.51
(D-13-1)5ccd-1	06-22-1992	110.54
	03-03-1993	105.83
	09-27-1993	96.82
(D-13-1)5dab-1	07-06-1954	112.00
	12-03-1954	117.30
	03-14-1955	118.38
	05-31-1955	118.63
	09-26-1955	126.49
	09-30-1955	125.95
	10-05-1955	125.41
	11-05-1955	123.76
	12-05-1955	123.22
	01-05-1956	122.91
	02-05-1956	122.47
	03-05-1956	122.37
	04-05-1956	122.11
	05-05-1956	121.57
	06-05-1956	125.52
	07-05-1956	128.50
	08-05-1956	130.56
	09-05-1956	132.29
	10-05-1956	128.31
	11-05-1956	126.10
	12-05-1956	125.14
	01-05-1957	124.73
	02-05-1957	124.61

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-13-1)5dab-1—Continued	03-05-1957	124.35	
	04-05-1957	123.70	
	05-05-1957	122.96	
	06-05-1957	119.79	
	07-05-1957	115.66	
	08-05-1957	118.25	
	09-05-1957	121.62	
	10-05-1957	118.00	
	11-05-1957	116.11	
	12-05-1957	115.45	
	01-05-1958	115.83	
	02-05-1958	115.86	
	03-05-1958	115.55	
	04-15-1958	115.46	
	05-05-1958	114.55	
	06-05-1958	111.05	
	07-05-1958	112.79	
	08-05-1958	116.35	
	09-05-1958	118.94	
	10-31-1958	114.32	
	11-05-1958	114.10	
	12-05-1958	113.43	
	01-05-1959	113.23	
	02-05-1959	113.35	
	03-05-1959	113.44	
	04-08-1964	135.5	
	03-30-1965	126.88	
(D-13-1)5dda-1	07-06-1954	126.96	
	05-31-1955	134.55	
	09-26-1955	143.06	
	09-20-1956	147.57	
	09-18-1959	149.38	R
	02-27-1964	142.5	
	03-30-1965	139.82	
	03-09-1993	149.40	
	09-30-1993	145.03	
(D-13-1)5ddb-1	05-31-1955	130.10	
	09-26-1955	138.00	
	03-22-1956	129.69	
	09-20-1957	142.97	
	09-18-1959	144.93	
	04-06-1964	136.6	
(D-13-1)5ddb-2	02-28-1964	136.6	
	03-23-1964	135.7	
	03-30-1965	134.00	
	03-24-1993	143.49	
(D-13-1)5ddb-3	03-03-1993	146.99	
	09-30-1993	142.40	

Location	Date	Water level
(D-13-1)6ada-1	04-13-1964	75.2
	05-22-1964	73.6
	04-01-1965	73.5
(D-13-1)6ada-2	06-08-1992	84.64
	03-03-1993	84.38
	09-27-1993	75.13
(D-13-1)6bdc-1	07-08-1964	43.2
	06-22-1992	50.98
	03-03-1993	52.63
	09-24-1993	41.56
[10](D-13-1)6cbc-1	08-01-1935	41.24
	08-31-1935	41.49
	10-08-1935	41.84
	11-20-1935	41.95
	12-14-1935	41.84
	01-23-1936	41.03
	03-04-1936	40.83
	05-01-1936	39.40
	06-20-1936	35.18
	08-08-1936	32.85
	10-03-1936	32.63
	11-30-1936	32.12
	02-04-1937	31.22
	04-13-1937	30.02
	06-10-1937	25.37
	08-01-1937	24.15
	08-25-1937	24.30
	09-24-1937	24.79
	11-02-1937	24.96
	12-21-1937	24.68
	02-25-1938	24.45
	04-07-1938	24.07
	06-02-1938	20.92
	07-10-1938	21.45
	08-26-1938	22.50
	10-09-1938	23.40
	12-22-1938	21.50
	02-28-1939	21.81
	04-14-1939	21.93
	06-19-1939	23.75
	08-24-1939	25.98
	10-13-1939	27.23
	12-02-1939	27.52
	02-06-1940	27.09
	03-27-1940	26.04
	06-03-1940	24.74
	08-08-1940	24.61
	08-25-1940	25.00
	09-07-1940	25.32
	11-01-1940	27.10

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-13-1)6cbc-1—Continued	11-26-1940	25.50
	12-03-1940	25.28
	01-06-1941	24.50
	01-28-1941	24.40
	02-27-1941	22.50
	03-18-1941	23.19
	04-01-1941	23.30
	04-27-1941	21.80
	05-27-1941	17.50
	06-30-1941	18.00
	07-29-1941	18.50
	09-24-1941	18.84
	11-11-1941	18.41
	12-06-1941	17.91
	03-26-1942	17.04
	06-02-1942	14.25
	07-07-1942	15.75
	07-20-1942	16.08
	11-10-1942	18.41
	12-21-1942	18.54
	03-24-1943	18.86
	12-17-1943	23.93
	03-20-1944	22.61
	12-02-1944	21.96
	04-04-1945	14.27
	12-04-1945	17.08
	03-11-1946	16.85
	06-04-1946	14.60
	12-19-1946	17.94
	03-28-1947	15.37
	04-25-1947	15.85
	05-22-1947	14.81
	09-10-1947	16.42
	12-14-1947	17.38
	03-18-1948	17.30
	05-19-1948	18.55
	07-11-1948	21.20
	10-10-1948	24.19
	12-15-1948	24.70
	02-25-1949	25.10
	04-04-1949	24.09
	12-05-1949	24.70
	02-07-1950	24.67
	03-31-1950	23.90
	04-05-1950	25.61
	06-29-1950	26.25
	12-04-1950	28.52
	03-22-1951	27.50
	06-09-1951	27.80
	10-18-1951	30.97
	12-13-1951	30.81
	05-07-1952	24.74
	12-01-1952	16.61
(D-13-1)6cbc-1—Continued	03-10-1953	18.73
	12-16-1953	20.12
	03-27-1954	22.56
	12-03-1954	27.82
	03-14-1955	27.22
	11-28-1955	31.87
	03-22-1956	29.88
	06-06-1956	29.52
	12-03-1956	33.49
	04-04-1957	31.44
	12-09-1957	25.68
	03-21-1958	24.62
	12-19-1958	23.57
	03-23-1959	23.61
	12-18-1959	32.58
	03-24-1960	32.23
	04-13-1961	35.47
	03-08-1962	37.02
	12-13-1962	32.52
	03-04-1963	32.30
	12-03-1963	35.30
	10-22-1964	33.63
	12-09-1964	33.95
	02-02-1965	32.85
	03-03-1965	32.80
	03-31-1965	32.50
	05-05-1965	30.75
	06-04-1965	29.69
	07-07-1965	27.63
	08-02-1965	27.62
	09-09-1965	27.77
	10-14-1965	28.37
	11-03-1965	28.78
	12-01-1965	28.61
	01-06-1966	28.54
	02-17-1966	28.42
	03-14-1966	28.21
	04-07-1966	27.91
	09-14-1966	32.55
	03-08-1967	33.50
	11-28-1967	32.11
	03-06-1968	31.26
	09-19-1968	24.07
	02-25-1969	24.83
	03-05-1969	24.85
	09-10-1969	15.96
	03-03-1970	20.87
	09-11-1970	20.44
	03-04-1971	22.50
	09-09-1971	20.32
	03-01-1972	22.87
	09-22-1972	27.02
	03-07-1973	28.91

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-13-1)6cbc-1—Continued	10-12-1973	16.92
	03-05-1974	19.18
	09-11-1974	20.28
	03-12-1975	25.88
	09-16-1975	17.11
	03-03-1976	20.23
	09-01-1976	23.75
	03-03-1977	29.44
	08-31-1977	33.14
	03-03-1978	35.88
	08-31-1978	21.32
	03-07-1979	25.99
	09-05-1979	20.65
	03-04-1980	24.92
	09-09-1980	11.90
	03-02-1981	18.24
	09-09-1981	19.52
	03-02-1982	23.81
	09-14-1982	14.18
	03-01-1983	17.27
	09-02-1983	6.50
	03-06-1984	10.20
	09-04-1984	4.77
	03-05-1985	8.96
	09-18-1985	9.07
	03-11-1986	11.97
	09-03-1986	6.59
	03-02-1987	12.61
	09-14-1987	17.80
	03-04-1988	21.95
	09-08-1988	23.08
	03-02-1989	26.15
	09-06-1989	29.68
	03-01-1990	30.80
	09-04-1990	40.61
	03-04-1991	36.26
	09-17-1991	39.84
	03-03-1992	34.83
	09-23-1992	42.33
(D-13-1)6dcc-1	03-08-1993	61.75
	09-21-1993	50.37
(D-13-1)6ddc-1	06-17-1992	79.00
	03-03-1993	80.33
	09-27-1993	69.30
(D-13-1)7bbd-2	04-14-1949	29.60
	12-13-1950	34.15
	03-22-1951	33.10
	07-03-1951	38.80
	10-17-1951	39.97
	12-13-1951	40.17
(D-13-1)7bbd-2—Continued	05-07-1952	28.22
	12-01-1952	22.60
	03-10-1953	23.66
	12-16-1953	25.75
	03-27-1954	26.60
	12-03-1954	33.67
	03-14-1955	33.67
	11-28-1955	38.41
	03-22-1956	35.04
	12-03-1956	41.03
	04-04-1957	38.62
	12-09-1957	30.04
	03-21-1958	29.71
	12-19-1958	28.90
	03-23-1959	28.77
	12-18-1959	38.85
	03-24-1960	38.03
	04-13-1961	41.43
	03-08-1962	45.00
	12-13-1962	37.09
	03-04-1963	37.62
	12-03-1963	40.42
	10-22-1964	39.20
	12-09-1964	45.02
	02-02-1965	38.57
	03-03-1965	39.28
	03-31-1965	37.50
	05-12-1965	35.82
	06-04-1965	33.43
	07-07-1965	32.73
	08-03-1965	31.45
	09-15-1965	32.60
	10-14-1965	33.44
	11-03-1965	33.86
	12-02-1965	34.08
	01-06-1966	33.94
	02-17-1966	33.82
	03-14-1966	33.29
	04-07-1966	32.88
	09-14-1966	37.57
	03-08-1967	38.65
	11-28-1967	36.83
	03-06-1968	36.52
	09-19-1968	29.28
	02-26-1969	28.48
	03-05-1969	28.39
	09-10-1969	20.72
	03-04-1970	25.01
	09-10-1970	24.78
	03-04-1971	26.45
	09-09-1971	24.52
	03-03-1972	27.18
	09-22-1972	31.53

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-13-1)7bbd-2—Continued	03-07-1973	34.74	
	10-12-1973	20.62	
	03-07-1974	24.08	
	03-12-1975	30.47	
	03-04-1976	25.68	
	03-04-1977	35.05	
	03-06-1978	41.23	
	03-07-1979	32.08	
	09-05-1979	26.55	
	03-04-1980	29.78	
	09-09-1980	18.44	
	03-02-1981	23.91	
	03-03-1982	29.24	
	09-14-1982	21.38	
	03-01-1983	23.60	
	03-06-1984	14.34	
	09-04-1984	8.57	
	03-05-1985	13.67	
	09-18-1985	14.54	
	03-11-1986	16.70	
	09-03-1986	11.70	
	03-02-1987	17.48	
	09-14-1987	23.80	
	03-04-1988	27.47	
	09-08-1988	29.87	
	03-02-1989	31.37	
	09-06-1989	35.18	
	03-01-1990	36.29	
	03-04-1991	40.78	
	09-17-1991	39.27	
	03-02-1992	40.10	
	09-23-1992	44.17	
	03-03-1993	44.18	
	09-20-1993	32.46	
	03-02-1994	33.50	
(D-13-1)7cac-2	03-04-1964	52.5	
	04-07-1964	51.3	
	05-27-1964	78.4	R
	08-19-1965	59.72	
	04-13-1993	57.69	
	09-21-1993	56.31	
(D-13-1)7cba-1	06-08-1992	82.65	
	03-03-1993	59.26	
	09-21-1993	56.29	
(D-13-1)7dad-1	04-14-1949	57.3	
	03-22-1951	60.40	
	04-07-1964	68.8	
	03-29-1965	66.9	
(D-13-1)7dad-2	03-04-1964	67.6	
	03-29-1965	65.3	
	06-15-1992	72.88	
	03-04-1993	75.07	
	04-28-1993	72.28	
	05-24-1993	66.64	
	06-29-1993	61.13	
	07-26-1993	60.14	
	08-24-1993	62.27	
	09-28-1993	63.77	
	10-28-1993	64.06	
	11-23-1993	64.06	
	12-21-1993	63.93	
	01-26-1994	63.86	
	02-25-1994	63.82	
	03-28-1994	63.84	
(D-13-1)7dad-3	09-06-1989	79.52	
	03-01-1990	70.18	
	09-05-1990	97.61	
	03-04-1991	78.20	
	09-17-1991	90.41	
	03-02-1992	77.41	
	06-15-1992	99.96	
	09-23-1992	101.10	
	03-03-1993	83.94	
	09-21-1993	66.84	
	03-02-1994	66.73	
(D-13-1)7dbc-1	03-04-1964	62.9	
	04-07-1964	61.6	
	05-27-1964	61.7	
	03-31-1965	59.95	
	08-19-1965	71.13	
	04-13-1993	70.68	
	09-21-1993	68.18	
(D-13-1)7dda-1	04-07-1964	69.0	
	03-29-1965	65.7	
	03-04-1993	71.76	
	09-21-1993	60.12	
(D-13-1)7ddd-1	06-15-1992	66.85	
	03-04-1993	68.90	
(D-13-1)8acc-1	03-04-1993	117.21	
	09-21-1993	114.00	
(D-13-1)8bdc-1	03-03-1993	108.98	
	09-21-1993	105.19	

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level	
(D-13-1)8dba-1	06-17-1992	135.56	R
	03-09-1993	118.41	R
	09-21-1993	114.12	
(D-13-1)17bac-1	06-10-1992	116.20	R
	03-04-1993	95.06	
	09-27-1993	90.97	
(D-13-1)17bdd-1	04-24-1963	17.88	
	04-07-1964	19.1	
	03-29-1965	17.6	
	06-18-1992	14.68	
	03-04-1993	21.50	
	09-27-1993	15.78	
(D-13-1)17cda-1	03-24-1993	34.18	
	04-28-1993	34.20	
	05-24-1993	34.13	
	06-29-1993	34.09	
	07-26-1993	34.12	
	08-24-1993	34.21	
	09-27-1993	34.38	
	10-26-1993	34.29	
	11-22-1993	33.91	
	12-20-1993	33.90	
	01-26-1994	33.57	
	02-23-1994	33.36	
	03-28-1994	33.14	
(D-13-1)18acc-2	03-08-1962	60.0	
	04-07-1964	56.2	
	03-25-1965	52.0	
	06-10-1992	79.70	
	03-04-1993	60.10	
	09-21-1993	57.03	
(D-13-1)18bbc-1	04-13-1949	30.70	
	12-13-1950	32.70	
	03-22-1951	34.10	
	07-03-1951	18.22	
	10-17-1951	35.13	
	05-07-1952	35.51	
	12-01-1952	24.06	
	03-10-1953	24.10	
	03-27-1954	25.34	
	12-03-1954	32.18	
	03-14-1955	32.80	
	11-28-1955	37.60	
	03-22-1956	36.60	
	12-03-1956	38.49	
	04-04-1957	37.23	
	12-09-1957	30.15	
	03-21-1958	29.77	

Location	Date	Water level
(D-13-1)18bbc-1—Continued	03-23-1959	27.70
	12-18-1959	38.93
	03-26-1960	37.35
	04-13-1961	39.91
	12-13-1962	38.40
	03-04-1963	37.18
	12-03-1963	43.82
	03-29-1964	39.2
	05-27-1964	40.2
	10-22-1964	46.10
	12-09-1964	41.62
	02-02-1965	39.25
	03-03-1965	38.70
	03-29-1965	39.20
	05-12-1965	43.21
	06-04-1965	42.46
	07-07-1965	47.62
	08-03-1965	49.66
	12-02-1965	35.50
	01-06-1966	34.30
	02-17-1966	33.50
	03-14-1966	33.80
	11-28-1967	36.12
	03-06-1968	37.09
	09-19-1968	39.58
	02-26-1969	29.30
	03-05-1969	29.24
	09-10-1969	39.35
	03-04-1970	24.63
	09-10-1970	25.60
	03-04-1971	27.52
	09-09-1971	47.32
	03-03-1972	27.25
	03-07-1973	35.13
	03-12-1975	30.33
	03-04-1976	24.75
	03-04-1977	32.77
	03-06-1978	40.65
	03-08-1979	33.02
	03-04-1980	29.63
	03-02-1981	20.02
	03-03-1982	26.99
	03-01-1983	19.96
	03-08-1984	7.98
	03-05-1985	4.40
	03-11-1986	9.57
	03-02-1987	10.20
	03-04-1988	20.94
	03-02-1989	26.22
	03-01-1990	33.15
	03-04-1991	36.23
	03-02-1992	39.33
	03-02-1993	45.60

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-13-1)18bbc-1—Continued	09-21-1993	42.97
	03-02-1994	33.57
(D-14-1)6dbb-1	03-16-1965	216.35
	07-01-1965	220.70
	03-14-1977	210.35
	08-31-1977	211.41
	03-03-1978	211.14
	08-31-1978	212.55
	03-07-1979	210.75
	09-05-1979	210.27
	03-04-1980	210.04
	09-09-1980	206.69
	03-02-1981	205.35
	09-09-1981	205.53
	03-02-1982	205.03
	09-15-1982	203.84
	03-01-1983	202.73
	09-02-1983	195.73
	03-14-1984	191.60
	09-04-1984	183.60
	03-06-1985	178.49
	09-18-1985	172.61
	03-11-1986	169.41
	09-03-1986	165.26
	03-02-1987	162.24
	09-04-1987	160.90
	03-03-1988	160.20
	09-08-1988	160.01
	03-02-1989	159.75
	09-07-1989	160.61
	03-02-1990	161.54
	09-05-1990	162.77
	03-04-1991	163.95
	09-18-1991	165.49
	03-03-1992	166.46
	06-25-1992	167.51
	09-23-1992	168.44
	03-12-1993	170.10
	04-27-1993	170.43
	05-26-1993	170.41
	06-28-1993	170.36
	07-26-1993	170.76
	08-24-1993	170.89
	09-29-1993	171.29
	10-27-1993	171.56
	11-22-1993	171.46
	12-20-1993	171.89
	01-26-1994	171.91
	02-23-1994	172.16
	03-01-1994	172.32
	03-30-1994	172.43
(D-14-1)30add-1	04-09-1963	157.99
	03-04-1976	150.42
	03-04-1977	159.83
	03-03-1978	173.13
	03-07-1979	166.63
	03-04-1980	167.17
	09-09-1980	156.88
	03-02-1981	149.65
	09-09-1981	162.06
	03-02-1982	157.73
	09-15-1982	160.72
	03-02-1983	153.13
	09-01-1983	124.97
	03-08-1984	117.05
	09-04-1984	109.10
	03-06-1985	111.37
	09-18-1985	122.78
	03-04-1986	117.26
	09-03-1986	109.39
	03-02-1987	116.69
	09-04-1987	141.46
	03-03-1988	139.58
	09-08-1988	157.11
	09-07-1989	173.75
	03-02-1990	165.86
	03-04-1991	175.54
	09-18-1991	187.33
	03-03-1992	178.93
	09-23-1992	193.80
	03-02-1993	202.03
	09-21-1993	193.71
	03-01-1994	181.85
(D-14-1)30dcb-1	03-23-1993	187.15
	04-27-1993	186.99
	05-26-1993	195.30
	06-28-1993	205.49
	07-26-1993	211.75
	08-24-1993	216.78
	09-29-1993	206.18
	10-27-1993	197.18
	11-22-1993	193.17
	12-20-1993	190.40
	01-26-1994	186.58
	02-23-1994	184.44
	03-30-1994	182.50
(D-14-1)31aab-1	03-27-1962	180.78
	03-27-1963	204.65
	04-22-1965	203.86
	09-28-1993	248.39

Table 3. Water levels in selected wells in Juab Valley, Utah—Continued

Location	Date	Water level
(D-14-1)31dab-1	03-14-1977	188.22
	03-31-1978	201.45
	03-07-1979	193.62
	09-05-1979	212.79
	03-04-1980	194.52
	09-09-1980	191.98
	03-02-1981	179.30
	09-08-1981	202.10
	03-02-1982	187.56
	09-15-1982	201.80
	03-02-1983	182.37
	09-01-1983	158.73
	03-08-1984	154.00
	09-04-1984	144.90
	03-06-1985	144.92
	09-18-1985	158.90
	03-04-1986	153.77
	09-03-1986	150.79
	03-02-1987	152.40
	09-04-1987	179.80
	03-03-1988	172.52
	03-02-1989	184.49
	09-07-1989	214.83
	03-02-1990	196.89
	09-05-1990	228.66
	03-04-1991	217.13
	09-18-1991	228.74
	03-03-1992	209.45
(D-14-1)31dab-1—Continued	09-23-1992	234.26
	03-02-1993	233.96
	04-27-1993	215.03
	05-26-1993	216.79
	06-28-1993	222.94
	07-26-1993	232.32
	08-24-1993	236.97
	09-29-1993	229.70
	10-27-1993	225.34
	11-22-1993	221.46
	12-20-1993	218.48
	01-24-1994	214.89
	03-01-1994	212.41
	03-30-1994	210.53

[1] Previously reported as (C-12-1)13dba-1 (Bjorklund, 1967, table 4).
[2] Previously reported as (C-13-1)12bdd-1 (Bjorklund, 1967, table 4).
[3] Previously reported as (C-14-1)11cdd-1 (Bjorklund and Robinson, 1968, table 4).
[4] Previously reported as (C-15-1)3abb-2 (Bjorklund and Robinson, 1968, table 4).
[5] Previously reported as (C-15-1)26adb-1 (Bjorklund and Robinson, 1968, table 4).
[6] Previously reported as (C-15-1)26adc-1 (Bjorklund and Robinson, 1968, table 4).
[7] Previously reported as (D-11-1)17bbb-1 (Bjorklund, 1967, table 4).
[8] Previously reported as (D-12-1)17bdc-2 (Bjorklund, 1967, table 4).
[9] Previously reported as (D-12-1)31cbb-1 (Bjorklund, 1967, table 4).
[10] Previously reported as (D-13-1)6cbb-1 (Bjorklund, 1967, table 4).

Table 4. Discharge of selected flowing wells in Juab Valley, Utah

Location: See figure 1 for an explanation of the numbering system for hydrologic-data sites.
Discharge: Measured except where noted E, estimated; R, reported.

Location	Date	Discharge (gallons per minute)	
[1] (C-12-1)13dbd-1	04-06-65	80	E
	05-19-92	1.8	
	03-19-93	13	
	09-10-93	12	
(C-12-1)13dcd-1	06-24-64	80	E
	05-19-92	5.2	
	03-19-93	3.2	
	09-10-93	3.0	
(C-12-1)24aab-1	06-22-65	5.0	E
	09-10-93	2.4	
(C-12-1)24baa-1	04-06-65	80	E
	06-07-74	80	
	07-16-75	2.0	
	06-24-76	2.0	
	06-26-79	3.3	
	09-02-86	3.7	
	09-07-88	1.9	
	03-01-89	1.8	
	09-06-89	1.9	
	07-11-90	1.5	
	07-12-91	1.2	
	09-23-92	6.0	
	03-03-93	20	
	09-10-93	17	
	03-02-94	27	
(C-12-1)24dba-1	04-06-65	80	E
	05-19-92	4.3	
	03-19-93	18	
	04-29-93	20	
	05-24-93	20	
	06-28-93	18	
	07-27-93	16	
	08-25-93	11	
	09-10-93	13	
	10-26-93	19	
	11-29-93	17	
	12-21-93	16	
	01-27-94	24	
	02-25-94	19	
(C-12-1)24ddc-1	11-20-35	1.1	
	04-06-65	.5	
(C-13-1)23add-1	03-08-93	10	
	09-08-93	9.2	
	12-14-93	8.0	
(C-15-1)10cad-1	10-30-58	200	R
	05-02-63	80	E
	07-18-90	119	
	07-11-91	160	E
(C-15-1)16baa-1	05-28-63	200	E
	08-03-92	130	
	09-08-93	145	
(C-15-1)16bad-1	05-28-63	140	E
	08-03-92	50	
	09-08-93	45	E
(D-11-1) 8bcd-1	04-09-65	300	
	06-17-92	157	
	07-16-92	139	
	03-23-93	190	
	09-09-93	150	
(D-11-1) 8bda-1	04-09-65	20	
	03-23-93	4.0	E
(D-11-1) 8cab-1	04-14-65	150	
	06-17-92	102	
	07-16-92	84	
(D-11-1) 8cba-1	05-25-64	150	
	06-17-92	157	
	07-16-92	161	
	03-23-93	193	
	04-30-93	192	
	05-28-93	180	
	06-29-93	182	
	07-16-93	178	
	09-09-93	167	
	10-26-93	190	
	11-29-93	167	
	12-21-93	161	
	01-27-94	200	
	02-25-94	184	
(D-11-1) 9bbb-4	10-08-35	50	
	06-20-36	45	
	08-08-36	48	
	10-03-36	45	
	06-02-38	80	
	06-19-39	60	
	07-11-48	60	
[2] (D-11-1)17bba-1	05-20-64	150	
	07-28-92	61	
	09-09-93	56	
(D-11-1)18aac -1	04-22-64	150	E
	05-12-92	23	
	07-29-92	17	
	03-23-93	24	
	09-09-93	18	
(D-11-1)30bad-1	04-08-65	2.0	E
	03-22-93	.3	
	09-09-93	3.8	

Table 4. Discharge of selected flowing wells in Juab Valley, Utah—Continued

Location	Date	Discharge (gallons per minute)
(D-11-1)30bda-1	04-08-65	5.0 E
	09-07-88	4.6
	09-06-89	3.5
	09-04-90	3.2
	09-22-92	3.7
	03-03-93	4.0
	09-09-93	3.8
	03-03-94	4.8
(D-11-1)31abc-1	05-05-65	.1 E
	09-02-86	.7
	09-07-88	.3
	03-01-89	.4
	09-06-89	.05
(D-12-1)19acb-1	03-19-93	5.3
	09-08-93	2.0
(D-12-1)19ccc-1	05-01-65	3.0 E
	07-13-68	.3 E
(D-12-1)19cdc-1	10-02-36	11
	04-13-37	12
	08-01-37	15
	10-21-65	4.0 E
	09-02-86	2.6
	09-07-88	2.1
	01-27-94	1.3
	02-25-94	3.2 E
(D-12-1)19dbb-1	03-03-65	.3
	06-07-74	3.0
	07-16-75	1.3
	06-24-76	.5
	06-29-78	.3
	06-25-81	2.0 E

[1] Previously reported as (C-12-1)13dba-1 (Bjorklund, 1967, table 4).
[2] Previously reported as (D-11-1)17bbb-1 (Bjorklund, 1967, table 4).

Table 5. Records of selected springs in Juab Valley, Utah

[—, no spring name or data]

Location: See figure 1 for an explanation of the numbering system for hydrologic-data sites.

Probable source of water: Probable geologic unit from which spring discharges: Tv, volcanic deposits of Tertiary age; Qal, undivided alluvial, colluvial, and lacustrine deposits of Quaternary age; Q, mixed alluvial deposits of Quaternary age; Ja, Arapien Shale of Jurassic age; P, undivided formations of Paleozoic age; Ki, Indianola Group of Cretaceous age; Mz, undivided formation of Mesozoic age.

Discharge: E, estimated.

Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius.

Water temperature: °C, degrees Celsius.

Other data available: C, chemical analysis (table 6); I, chemical analysis for sulfide and isotopes (table 8).

Location	Spring name	Altitude of land surface (feet)	Probable source of water	Discharge (gallons per minute)	Specific conductance (µS/cm)	Water temperature (°C)	pH (standard units)	Date	Other data available
(C-11-1)15bca-S1	—	5,320	Tv	10	620	13.0	7.6	07-26-84	C
(C-12-1)12aab-S1	—	4,910	Qal	—	1,590	19.5	—	07-29-92	
(C-12-1)12aac-S1	—	4,910	Qal	1.3	1,690	20.0	7.2	07-15-65	C
				2.4	1,680	19.0	—	07-29-92	
(C-13-1) 3bcc-S1	Government Spring	5,370	Tv	—	970	15.0	7.4	08-06-93	C,I
(C-13-1)13bac-S1	—	5,007	Q	—	4,600	19.0	8.0	07-28-93	C,I
(C-13-1)33cac-S1	Orme Spring	5,987	Tv	2.0 E	1,450	10.0	7.7	04-25-63	C
				2.0	1,910	12.0	—	07-28-92	
(C-15-1)16bad-S1	—	5,076	Qal	44	1,640	11.5	—	08-03-92	C,I
				—	1,510	10.5	7.4	09-09-92	
(C-15-1)16bda-S1	—	5,076	Qal	—	1,530	10.5	7.4	09-09-92	C,I
(C-15-1)16cdb-S1	Palmer Spring	5,055	Qal	430	4,190	12.0	—	04-05-94	C,I
(C-15-1)36cdc-S1	Little Salt Creek -unnamed	5,480	Ja	—	1,260	18.0	8.1	09-14-92	C,I
(D-11-1)31aaa-S1	—	4,910	Qal	—	660	10.0	8.1	05-14-65	C,I
				250	680	12.0	—	06-24-93	
(D-12-1) 3bbc-S1	Clover Creek Spring	5,730	P	900 E	335	9.0	7.9	05-13-65	C
				—	360	9.5	—	08-10-92	
(D-12-1) 6ddc-S1	Burriston Pond -southeast springs	4,920	Qal	750	1,450	11.5	8.0	05-15-65	C,I
(D-12-1) 7ccd-S1	—	4,910	Qal	—	1,060	12.5	7.2	08-04-93	C,I
(D-13-2) 5cbd-S1	Bradley Spring	5,880	Ki	1,800	380	11.0	7.7	05-13-65	C
(D-14-1)33cbb-S1	Tunnel Spring	5,483	Mz	—	1,430	17.5	—	07-30-92	
(D-14-1)34cbb-S1	Rosebush Spring -middle	5,625	Mz	—	—	—	—	—	
(D-14-1)34cbb-S2	Rosebush Spring -lower	5,615	Mz	—	—	—	—	—	
(D-14-1)34cbd-S1	Rosebush Spring -upper	5,627	Mz	—	—	—	—	—	
(D-15-2)18bab-S1	Cobble Rock Spring	6,900	Ki	—	520	15.5	7.4	08-28-92	C,I

Table 6. Physical properties and results of chemical analyses of water from selected wells and springs in Juab Valley, Utah

[°C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; —, data were not collected or information was not available; <, less than]

Location: See figure 1 for an explanation of the numbering system for hydrologic-data sites.
Specific conductance: Measured in the field except where noted L, laboratory value; µS/cm, microsiemens per centimeter at 25 degrees
pH: Measured in the field except where noted L, laboratory value.
Alkalinity: Measured in field except where noted L, laboratory value.
Solids, sum of constituents, dissolved: Sum of constituents except where noted R, residue on evaporation at 180 degrees Celsius.

Location	Date sampled	Specific conductance (µS/cm)		pH (standard units)		Temperature (°C)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Sodium+potassium, dissolved (mg/L as Na)	Alkalinity (mg/L as $CaCO_3$)	
(C-11-1)15bca-S1	07-26-84	620		7.6		13.0	260	78	16	19	4.6	—	—	
(C-12-1)12aac-S1	07-15-65	1,690		7.2		20.0	280	69	27	—	—	230	—	
(C-12-1)13dcd-1	06-24-64	1,370		7.7		12.0	450	120	40	130	4.3	—	—	
(C-12-1)24baa-1	06-23-64	1,090		8.3		13.0	330	64	42	110	4.3	—	—	
	09-10-69	1,140		7.8		11.0	340	78	36	—	—	110	205	
	07-28-70	1,200		7.2		11.0	370	79	42	—	—	100	239	
	07-19-72	1,270		7.2		11.0	380	91	36	110	4.5	—	236	
	07-11-73	1,060		8.0		12.0	380	91	36	110	4.4	—	162	
	06-07-74	1,260		7.9		12.5	370	92	35	110	4.5	—	229	
	07-16-75	1,300		—		13.0	400	98	38	110	4.7	—	226	
	06-24-76	1,300		7.4		12.5	390	94	37	110	4.5	—	234	
	06-26-79	1,200		7.6		13.0	390	97	36	110	4.5	110	230	
	07-06-82	1,220		7.6		12.0	360	87	34	100	4.6	—	181	L
	07-15-86	1,240		7.4		12.5	360	86	35	110	4.3	—	207	L
	07-21-89	1,220		7.7		13.0	370	87	36	110	4.6	—	256	L
	07-08-92	1,240		7.6		12.0	360	88	35	110	4.2	—	216	L
	08-05-93	1,190	L	7.5	L	12.5	360	87	34	110	4.3	—	251	
(C-13-1)1cdd-1	10-18-51	1,030		7.9		—	330	72	37	—	—	97	239	
	07-20-72	1,080		7.4		10.0	330	75	34	91	3.0	—	226	
	07-19-76	1,100		7.7		11.5	350	80	36	93	3.2	—	228	
	06-26-79	1,020		7.6		13.0	340	71	40	96	3.1	99	220	
	07-09-82	1,040		7.5		11.0	320	72	34	85	3.1	—	226	L
	07-16-86	1,040		7.7		12.0	320	71	35	94	2.7	—	230	L
	08-23-89	920		7.7		11.5	300	67	31	83	2.7	—	219	L
	07-07-92	1,040		7.6		11.0	320	72	33	85	3.0	—	231	L
(C-13-1)1daa-2	08-04-93	1,540	L	7.7		13.0	490	140	35	140	3.6	—	419	
(C-13-1)3bcc-S1	08-06-93	970		7.4		15.0	490	120	46	38	5.0	—	142	L
(C-13-1)3dad-1	07-16-93	4,900		7.5		22.0	1,200	250	130	580	18	—	139	
(C-13-1)11bbc-1	10-17-51	1,610		7.7		—	460	110	44	—	—	180	—	
(C-13-1)11ddc-1	07-13-64	550		8.5		14.5	220	37	30	30	2.4	—	—	
(C-13-1)12acc-1	07-09-64	1,840		7.4		9.5	630	170	50	170	3.1	—	—	
(C-13-1)12adc-1	08-05-93	1,210	L	7.6		11.5	370	86	38	95	2.3	—	192	
(C-13-1)13bac-S1	07-28-93	4,600		8.0		19.0	1,100	170	170	340	4.7	—	405	
(C-13-1)14bdc-1	10-18-51	770		8.0		13.5	260	50	33	—	—	70	—	
(C-13-1)14dbb-1	08-15-51	770		—		14.5	250	52	29	—	—	69	—	
	06-11-64	770		8.5		14.0	250	55	27	65	5.0	—	—	
(C-13-1)23add-1	08-05-93	2,010		7.4		13.0	800	180	85	150	3.4	—	138	
(C-13-1)23cdc-1	08-15-51	870		—		15.5	290	58	36	—	—	66	—	
	06-11-64	880		8.7		—	300	59	38	59	3.1	—	—	
(C-13-1)33cac-S1	04-25-63	1,450		7.7		10.0	500	110	52	—	—	94	—	

Celsius.

Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)	Nitrogen, NO_2+NO_3, dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as P)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Selenium, dissolved (µg/L as Se)
34	40	0.30	—	54	388	0.130	—	70	3	14	<1
81	370	—	—	38	962 R	—	—	—	—	—	—
200	200	—	—	—	836	—	—	—	—	—	—
180	180	—	—	—	671	—	—	—	—	—	—
86	180	—	—	27	662	—	—	—	—	—	—
96	180	—	—	—	650	—	—	—	—	—	—
100	190	—	—	29	702	—	—	—	—	—	—
110	190	—	—	28	667	—	—	—	—	—	—
96	180	.20	—	30	712	6.10	—	50	—	—	—
100	190	.20	—	29	734	6.40	—	230	—	—	—
120	190	.20	—	26	745	5.30	—	60	—	—	—
110	190	.20	—	30	741	5.80	<.010	60	—	—	—
87	190	.20	—	28	664	5.60	.080	50	3	<1	—
94	210	.20	—	27	714	5.30	.030	60	10	<1	—
80	200	.20	—	29	722	4.90	.030	50	13	<1	—
84	190	.10	—	29	692	5.10	.030	60	<3	<1	—
81	180	.20	.14	28	695	5.00	.020	630	<3	<1	3
73	160	.20	—	28	614	—	—	0	—	—	—
72	160	—	—	25	595	—	—	—	—	—	—
80	170	.10	—	23	628	1.40	—	50	30	<10	—
74	170	.20	—	27	618	1.10	.020	50	—	—	—
72	160	.20	—	23	591	1.40	.040	40	56	20	—
76	150	.20	—	25	601	2.00	.020	60	4	4	—
78	130	.20	—	23	556	2.20	.020	60	14	1	—
76	150	.10	—	22	588	1.80	.030	60	8	<1	—
89	210	.20	.42	23	861	2.00	.020	40	9	<1	2
66	240	.30	.30	47	665	3.80	<.010	80	<3	<1	2
450	1,400	.90	.55	27	2,940	.82	.010	90	<10	30	<1
110	280	.40	—	24	964	—	—	0	—	—	—
25	78	—	—	—	291	—	—	—	—	—	—
150	310	—	—	—	1,100	—	—	—	—	—	—
77	210	.10	.42	19	664	5.10	<.010	80	29	3	7
550	880	.70	.39	25	3,740	.11	.080	270	20	90	9
50	93	.20	—	37	471	—	—	0	—	—	—
46	92	.20	—	54	477	—	—	0	—	—	—
49	92	—	—	—	423	—	—	—	—	—	—
140	570	.20	.46	18	1,280	13.0	<.010	80	<10	<10	14
65	140	.20	—	36	504	—	—	0	—	—	—
61	150	—	—	—	468	—	—	—	—	—	—
68	310	—	—	24	936 R	—	—	—	—	—	—

Table 6. Physical properties and results of chemical analyses of water from selected wells and springs in Juab Valley, Utah—

Location	Date sampled	Specific conductance (µS/cm)		pH (standard units)	Temperature (°C)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Sodium+potassium, dissolved (mg/L as Na)	Alkalinity (mg/L as $CaCO_3$)	
(C-14-1)14cac-1	05-17-65	2,930		7.7	12.5	1,000	130	170	—	—	240	200	
	07-20-72	2,930		7.2	12.0	980	130	160	240	3.6	—	204	
	07-15-75	2,900		—	14.0	890	110	150	240	3.8	—	137	
	08-25-93	3,250		7.5	13.0	1,200	150	190	250	.70	—	200	
(C-14-1)22ddc-1	09-02-92	6,020		7.3	22.5	2,300	260	400	490	6.8	—	256	
(C-14-1)36adb-1	09-01-92	1,270		7.7	12.5	610	140	63	48	2.9	—	276	
(C-15-1)1baa-1	08-27-92	1,140		7.2	12.0	530	130	50	44	2.1	—	286	
(C-15-1)10acc-1	08-26-92	1,760		7.2	15.0	680	150	75	110	3.2	—	179	
(C-15-1)10bdd-1	08-26-92	1,380		7.3	12.5	650	160	60	55	2.2	—	246	
(C-15-1)10cad-1	05-02-63	1,410		7.3	12.0	690	170	65	—	—	65	—	
(C-15-1)11baa-1	05-21-63	1,300		7.0	22.0	630	160	55	—	—	55	249	
	08-25-92	1,490		7.9	L 13.0	690	170	64	60	2.3	—	250	L
(C-15-1)12aaa-2	08-25-92	1,450		7.5	13.0	700	170	67	57	2.4	—	230	
(C-15-1)16baa-1	05-28-63	1,610		7.1	13.0	630	130	72	—	—	130	—	
	09-01-92	1,640		7.4	13.0	630	130	74	110	4.0	—	187	
(C-15-1)16bad-1	09-01-92	1,720		7.2	13.5	660	140	76	110	3.8	—	184	
(C-15-1)16bad-S1	09-09-92	1,510		7.4	10.5	650	150	68	95	4.9	—	262	
(C-15-1)16bda-S1	09-09-92	1,530		7.4	10.5	650	150	66	100	4.9	—	252	
(C-15-1)16cdb-S1	04-12-94	4,510	L	7.5	14.5	1,800	340	220	410	5.5	—	280	
[1](C-15-1)26adc-1	09-14-92	1,260		7.6	14.0	510	85	73	87	2.4	—	328	
(C-15-1)33acd-1	05-23-63	3,290		7.2	22.0	710	110	110	—	—	420	170	
(C-15-1)35abd-1	09-14-92	2,340		7.5	15.0	770	160	89	240	4.7	—	272	
(C-15-1)36cdc-S1	09-14-92	1,260		8.1	18.0	610	86	97	54	4.0	—	254	
(C-16-1)3cdd-1	11-01-63	880		7.5	13.5	400	56	63	—	—	53	—	
	09-21-92	1,860		7.6	14.5	700	98	110	99	3.1	—	375	L
(D-11-1)4cca-1	06-03-64	500		7.9	12.0	230	49	25	21	1.6	—	—	
(D-11-1)4ccc-1	08-15-51	480		—	12.0	230	49	26	—	—	16	—	
(D-11-1)4ccc-2	10-09-51	455		8.0	12.0	230	46	27	—	—	13	204	
	02-19-57	490		7.4	12.0	230	50	25	16	1.6	—	201	
(D-11-1)8bcd-1	05-25-64	375		8.5	13.5	170	31	23	13	1.2	—	—	
(D-11-1)8bda-1	02-19-57	405		7.3	13.0	200	42	23	10	1.4	—	—	
	05-25-64	410		7.8	13.0	200	44	23	10	1.2	—	—	
(D-11-1)8cab-1	02-19-57	425		7.5	14.5	200	40	24	14	1.4	—	—	
	05-20-64	425		8.4	14.5	210	43	24	14	1.6	—	—	
(D-11-1)8cba-1	07-16-93	460		7.6	14.0	200	43	22	15	1.8	—	168	
(D-11-1)9bbb-2	06-03-64	570		7.7	11.5	260	59	27	21	.80	—	—	
	07-27-93	520	L	7.8	12.0	250	53	28	13	1.0	—	201	
(D-11-1)9cbc-1	06-01-64	385		8.4	13.0	180	28	26	12	1.2	—	—	
(D-11-1)9cca-1	08-27-63	380		8.1	—	170	33	22	11	.80	—	—	
	06-03-64	500		7.7	13.0	240	57	23	12	1.2	—	—	
[2](D-11-1)17bba-1	02-19-57	400		7.6	14.5	170	37	19	18	1.6	—	—	
	05-20-64	395		8.5	14.5	170	35	21	18	1.6	—	—	
(D-11-1)20aab-1	07-27-93	580	L	7.6	12.0	270	65	26	17	1.0	—	220	
(D-11-1)30bad-1	05-26-64	430		8.0	10.5	190	49	17	16	3.9	—	—	
(D-11-1)30bda-1	05-26-64	540		7.8	10.5	220	53	21	25	4.7	—	—	
(D-11-1)31aaa-S1	05-14-65	660		8.1	10.0	340	72	38	—	—	13	—	
	07-29-93	650		7.6	13.0	320	75	32	10	2.6	—	257	
(D-11-1)31abc-1	05-14-65	435		8.1	13.0	210	47	22	—	—	13	—	
(D-11-1)33cab-1	06-01-64	385		8.1	11.0	190	45	19	6.7	.80	—	—	
	07-29-93	490		7.6	11.0	230	55	22	7.5	.70	—	189	

Continued

Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)		Nitrogen, NO_2+NO_3, dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as P)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Selenium, dissolved (µg/L as Se)
400	630	—	—	35	1,770		—	—	—	—	—	—
350	630	—	—	38	1,670		—	—	—	—	—	—
410	610	.30	—	11	1,640		6.00	—	180	—	—	—
370	670	.60	1.8	35	1,880		21.0	.030	230	<10	20	38
1,200	1,400	.20	3.3	48	3,980		5.00	.020	420	<10	10	62
340	60	.20	.070	18	851		2.90	<.010	90	3	<1	<1
260	56	.20	.060	15	749		4.50	<.010	70	9	<1	1
520	150	.20	.050	20	1,140		.290	<.010	90	6	<1	<1
400	80	.20	.080	15	929		2.00	<.010	90	40	3	3
480	71	—	—	14	1,070	R	—	—	—	—	—	—
400	61	—	—	14	899		—	—	—	—	—	—
420	110	.20	.090	15	1,000		2.80	<.010	80	4	<1	2
480	69	.20	.090	17	1,020		4.40	.010	90	7	<1	1
520	120	—	—	21	1,180	R	—	—	—	—	—	—
490	120	.30	.060	23	1,060		.26	<.010	120	8	<1	<1
480	160	.20	.060	22	1,100		.20	<.010	90	12	1	<1
440	100	.20	.22	18	1,050		3.10	<.010	160	<3	<1	3
430	100	.30	.12	17	1,030		3.10	<.010	160	<3	<1	3
1,200	800	.30	.44	22	3,180		2.10	.020	240	60	20	3
160	150	.30	.11	17	787		3.40	.010	150	32	<1	2
480	690	—	—	34	1,940		—	—	—	—	—	—
530	320	.30	.13	16	1,530		1.70	<.010	200	10	20	2
370	80	.40	.15	27	871		<.05	<.010	90	4	<1	<1
78	45	—	—	26	540	R	—	—	—	—	—	—
280	200	.20	.33	29	1,040		—	—	100	8	8	13
36	23	—	—	—	277		—	—	—	—	—	—
23	22	.80	—	19	282		—	—	0	—	—	—
21	18	.10	—	19	268		—	—	0	—	—	—
23	23	.10	—	17	279		—	—	0	—	—	—
57	12	—	—	—	213		—	—	—	—	—	—
20	9.0	.10	—	20	238		—	—	0	—	—	—
29	7.8	—	—	—	227		—	—	—	—	—	—
32	9.0	.10	—	19	247		—	—	0	—	—	—
43	13	—	—	—	243		—	—	—	—	—	—
55	8.7	.10	.030	20	268		.46	.030	30	<3	4	2
41	41	—	—	—	314		—	—	—	—	—	—
29	21	.10	.060	12	289		1.00	<.010	30	5	<1	2
45	16	—	—	—	209		—	—	—	—	—	—
47	12	—	—	—	205		—	—	—	—	—	—
41	15	—	—	—	270		—	—	—	—	—	—
34	11	.10	—	18	235		—	—	0	—	—	—
50	11	—	—	—	226		—	—	—	—	—	—
44	24	.10	.070	11	329		1.80	<.010	30	<3	3	3
13	13	—	—	—	233		—	—	—	—	—	—
29	46	—	—	—	288		—	—	—	—	—	—
40	12	—	—	11	371	R	—	—	—	—	—	—
33	15	.30	.040	11	366		4.50	.060	40	<3	5	3
39	9.1	—	—	27	262	R	—	—	—	—	—	—
32	8.9	—	—	—	208		—	—	—	—	—	—
36	14	.50	.050	7.6	261		1.10	.100	<10	<3	<1	4

Table 6. Physical properties and results of chemical analyses of water from selected wells and springs in Juab Valley, Utah—

Location	Date sampled	Specific conductance (µS/cm)		pH (standard units)	Temperature (°C)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Sodium+potassium, dissolved (mg/L as Na)	Alkalinity (mg/L as $CaCO_3$)	
(D-12-1)3bbc-S1	06-21-41	—		7.4	—	180	44	18	—	—	6.9	—	
	05-13-65	335		7.9	9.0	170	42	17	—	—	2.4	—	
(D-12-1)6ddc-S1	05-15-65	1,450		8.0	11.5	490	110	54	—	—	120	—	
	07-29-93	1,270	L	7.5	13.0	440	110	41	95	2.2	—	257	L
(D-12-1)7ccd-S1	08-04-93	1,060		7.2	12.5	410	110	33	130	3.9	—	358	
(D-12-1)8ccd-1	05-25-64	1,700		7.6	12.0	470	120	38	190	4.3	—	—	
(D-12-1)19acb-1	07-15-93	1,500		7.2	11.5	450	120	36	130	3.9	—	362	L
(D-12-1)19cdc-1	08-15-51	1,360		—	14.0	370	86	37	—	—	150	—	
	05-26-64	1,380		8.1	13.5	400	110	32	150	7.8	—	—	
(D-12-1)19dab-1	10-18-51	1,420		7.9	—	450	120	38	—	—	130	—	
(D-12-1)19dbb-1	10-18-51	1,210		8.1	13.0	330	75	34	—	—	130	207	
	09-11-69	1,210		7.8	11.0	320	76	32	—	—	130	218	
	07-28-70	1,200		7.3	11.0	310	63	36	—	—	150	210	
	07-11-73	1,240		7.7	12.0	310	76	30	130	3.6	—	202	
	06-07-74	1,240		8.0	12.5	310	76	30	130	3.8	—	202	
	07-16-75	1,250		—	13.0	330	81	32	130	3.9	—	199	
	06-24-76	1,300		7.4	13.0	310	75	30	130	3.8	—	203	
	06-29-78	1,200		7.4	12.0	330	79	32	130	3.8	—	190	
	06-26-79	1,250		—	13.0	—	—	—	—	—	—	—	
	06-25-81	1,300		7.5	12.0	310	75	30	130	3.9	—	190	L
	07-18-83	1,280		7.5	12.5	310	75	31	130	3.4	—	208	L
	07-15-86	1,250		7.6	13.0	310	73	30	130	3.4	—	202	L
(D-12-1)20bac-1	06-08-64	1,300		7.8	11.0	390	100	31	140	3.9	—	—	
(D-12-1)29cad-1	08-04-93	1,440	L	7.4	12.0	470	130	35	120	3.6	—	391	
(D-12-1)31aab-1	06-14-63	1,190		8.0	12.0	320	60	41	140	5.1	—	—	
[3](D-12-1)31cba-1	06-08-64	1,080		8.2	11.0	260	68	23	130	3.5	—	—	
(D-12-1)32abd-1	08-04-93	1,050		7.3	17.0	430	120	32	120	3.4	—	404	
(D-12-1)32dac-1	02-08-50	1,480		7.5	—	490	130	38	—	—	120	—	
	08-15-50	1,510		7.7	—	520	140	40	—	—	130	—	
	06-08-64	1,390		8.8	12.0	450	120	36	150	3.5	—	—	
(D-13-1)1cab-1	07-13-64	3,820		8.3	10.5	310	68	34	710	7.0	—	—	
(D-13-1)4cca-1	06-08-64	1,240		8.1	11.0	320	73	34	130	4.3	—	—	
	08-04-82	1,530		7.3	11.0	480	130	38	130	4.0	—	293	L
	07-23-85	1,510		7.3	11.5	510	140	39	130	4.3	—	365	L
	06-23-88	1,470	L	6.9	—	480	130	38	130	3.9	—	361	L
	07-12-91	1,530		7.5	12.0	490	130	39	140	3.7	—	290	L
	07-08-92	1,560		7.3	11.5	480	130	37	140	3.8	—	315	L
(D-13-1)4ccb-1	08-27-63	1,120		8.0	11.0	250	38	37	130	5.1	—	—	
	07-14-71	1,540		7.3	12.0	500	140	37	130	3.9	—	404	
	06-28-77	1,400		7.4	12.0	470	130	36	130	3.9	—	370	
	08-10-78	1,500		7.1	11.0	490	140	35	130	4.2	—	380	
	08-10-79	1,500		—	12.5	—	—	—	—	—	—	—	
(D-13-1)5dab-1	06-29-64	1,500		7.4	10.5	530	160	35	140	3.9	—	—	
(D-13-1)5dda-1	06-08-64	1,280		8.2	11.0	300	66	34	150	4.7	—	—	
	06-28-77	1,620		—	11.5	—	—	—	—	—	—	—	
(D-13-1)5ddb-1	06-24-64	1,410		7.9	11.0	360	81	39	150	4.3	—	—	
(D-13-1)5ddb-2	06-03-63	1,620		7.8	11.0	560	150	44	160	4.7	—	—	
	07-28-70	1,680		8.1	9.5	620	160	56	110	3.0	—	358	

Continued

Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)	Nitrogen, NO_2+NO_3, dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as P)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Selenium, dissolved (µg/L as Se)
24	15	0.80	—	21	204 R	—	—	—	—	—	—
18	2.7	.50	—	5.6	172 R	—	—	—	—	—	—
180	210	—	—	14	898 R	—	—	—	—	—	—
180	140	.20	.11	14	754	3.90	.050	60	<3	3	6
90	190	.20	.090	23	807	4.20	.020	50	41	3	2
230	290	—	—	—	1,030	—	—	—	—	—	—
89	190	.20	.10	25	833	4.90	.030	60	3	3	2
100	250	.20	—	34	802	—	—	0	—	—	—
170	250	—	—	—	837	—	—	—	—	—	—
89	210	0	—	27	839	—	—	0	—	—	—
88	220	.20	—	29	708	—	—	0	—	—	—
73	220	—	—	25	689	—	—	—	—	—	—
98	220	—	—	—	686	—	—	—	—	—	—
96	220	—	—	25	702	—	—	—	—	—	—
84	210	.20	—	27	686	.97	—	50	—	—	—
91	230	.20	—	25	717	1.00	—	90	—	—	—
88	220	.20	—	24	698	1.20	—	50	—	—	—
82	230	.10	—	25	701	1.30	—	50	—	—	—
—	—	—	—	—	715 R	—	—	—	—	—	—
85	240	.10	—	26	710	1.30	.020	40	<10	8	—
87	230	.20	—	25	713	1.40	.070	60	9	2	—
87	230	.20	—	25	707	1.70	.020	50	7	<1	—
170	200	—	—	—	782	—	—	—	—	—	—
86	180	.20	.80	22	821	3.60	.010	70	<3	<1	1
170	210	—	—	—	711	—	—	—	—	—	—
110	190	—	—	—	631	—	—	—	—	—	—
81	170	.20	.80	22	790	2.90	.010	640	6	3	1
86	190	.20	—	22	874 R	—	—	0	—	—	—
93	200	—	—	26	903	—	—	0	—	—	—
150	200	—	—	—	866	—	—	—	—	—	—
250	1,100	—	—	—	2,210	—	—	—	—	—	—
150	210	—	—	—	705	—	—	—	—	—	—
110	220	.20	—	24	862	6.70	.070	110	<3	<1	—
110	200	.20	—	23	904	8.80	.020	80	14	<1	—
110	180	.20	—	25	861	6.10	—	90	10	<1	—
120	220	.20	—	22	849	—	.020	100	6	<1	—
140	240	<.10	—	23	925	5.00	.020	100	<3	<1	—
120	200	—	—	—	610	—	—	—	—	—	—
98	220	—	—	—	871	—	—	—	—	—	—
92	190	.10	—	23	826	—	—	90	20	<10	—
97	200	.20	—	23	882	6.00	—	90	—	—	—
—	—	—	—	—	877 R	—	—	—	—	—	—
160	210	—	—	—	944	—	—	—	—	—	—
150	220	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	725	—	—	—	—	—	—
170	220	—	—	—	796	—	—	—	—	—	—
220	230	—	—	—	1,020	—	—	—	—	—	—
120	250	—	—	21	959	—	—	—	—	—	—

Table 6. Physical properties and results of chemical analyses of water from selected wells and springs in Juab Valley, Utah—

Location	Date sampled	Specific conductance (µS/cm)	pH (standard units)	Temperature (°C)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Sodium+potassium, dissolved (mg/L as Na)	Alkalinity (mg/L as $CaCO_3$)	
(D-13-1)5ddb-2	07-19-72	1,730	7.0	10.0	540	150	41	150	4.2	—	330	
	07-11-73	1,560	8.0	10.0	510	140	40	150	4.0	—	374	
	06-07-74	1,590	7.5	11.0	510	140	40	150	4.2	—	313	
	07-16-75	1,550	—	11.0	490	160	23	160	4.2	—	390	
	07-19-76	1,600	7.4	11.0	500	130	42	150	4.3	—	362	
	06-28-77	1,600	7.4	11.0	510	140	40	150	4.1	—	340	
	08-10-78	1,550	7.2	11.0	540	150	41	150	4.5	—	330	
	08-10-79	1,700	—	11.5	—	—	—	—	—	—	—	
	07-09-87	1,670	7.4	11.0	510	140	39	150	3.7	—	381	L
	06-23-88	1,550	6.7	11.0	510	140	39	150	3.7	—	393	L
	07-12-91	1,320	7.2	12.5	490	130	39	140	4.0	—	306	L
	07-07-92	1,570	7.4	11.5	480	130	38	140	4.1	—	279	L
(D-13-1)5ddb-3	08-04-93	1,080	7.3	11.0	480	130	37	140	3.7	—	395	
(D-13-1)7cac-2	09-06-62	1,720	7.7	—	490	130	40	180	3.9	—	—	
(D-13-1)7dad-2	08-09-61	1,700	7.9	10.5	480	130	40	180	3.1	—	—	
	07-20-72	1,260	7.1	10.0	410	99	40	86	3.7	—	208	
	07-12-74	1,300	7.9	12.0	360	90	33	110	4.6	—	172	
	07-16-75	1,800	—	11.0	550	150	43	180	4.0	—	379	
	07-14-76	1,700	7.2	10.5	480	120	44	170	3.8	—	358	
	06-28-77	1,700	7.3	10.5	500	130	42	190	3.6	—	380	
	06-30-78	1,750	7.3	10.5	540	140	47	180	—	—	—	
	06-26-79	1,650	—	11.0	—	—	—	—	3.8	—	370	
	06-25-81	1,730	7.3	10.0	490	130	40	180	3.8	—	390	L
(D-13-1)7dbc-1	06-09-64	1,100	8.3	10.5	290	51	40	130	3.1	—	—	
	07-28-70	1,380	7.8	9.5	440	100	47	—	—	130	317	
	07-14-71	1,400	7.4	11.0	410	94	43	120	3.2	—	316	
	07-12-74	1,320	8.3	11.0	420	95	44	100	3.6	—	99	
	07-16-75	1,400	—	11.0	480	110	51	100	3.3	—	226	
	07-14-76	1,400	7.4	11.0	440	98	48	95	3.3	—	230	
	06-28-77	1,490	7.3	11.0	480	110	49	110	3.3	—	240	
	06-29-78	1,360	7.5	11.0	470	110	48	110	3.4	—	240	
	06-26-79	1,350	—	12.0	—	—	—	—	—	—	—	
	06-25-81	1,500	7.4	11.0	470	110	48	120	3.7	—	290	L
	06-23-88	1,430	7.0	11.5	470	110	48	130	3.1	—	328	L
	07-11-91	1,340	7.3	12.0	420	96	44	120	3.1	—	302	L
	07-27-93	1,370	7.3	11.5	410	98	41	110	2.9	—	292	L
(D-13-1)7dda-1	06-09-64	1,480	8.3	10.5	340	66	42	190	3.5	—	—	
	07-12-74	2,000	7.9	12.0	360	90	33	110	4.6	—	172	
	07-16-75	1,950	—	11.0	550	150	43	180	4.0	—	379	
	07-14-76	1,600	7.2	10.5	480	120	44	170	3.8	—	358	
	06-28-77	1,750	7.3	10.0	540	140	46	200	3.2	—	410	
	06-26-79	1,650	—	11.0	—	—	—	—	—	—	—	
	08-07-80	1,600	7.3	11.0	440	110	41	180	3.7	—	390	
	07-09-82	1,710	7.3	11.0	470	120	41	170	3.2	—	272	L
	07-17-86	1,560	7.3	10.5	420	110	36	160	2.9	—	411	L
(D-13-1)8aac-1	05-16-55	—	7.2	—	480	120	48	—	—	—	—	
(D-13-1)17bdd-1	08-09-61	1,810	8.0	—	480	100	55	210	1.2	—	—	
	07-28-70	3,630	7.6	12.0	1,300	300	130	—	—	320	439	
	07-14-71	3,880	7.1	12.0	1,300	320	130	280	2.0	—	445	
	07-15-75	2,400	—	14.0	740	190	65	230	9.6	—	413	
	07-13-76	2,000	7.5	21.0	630	140	67	190	3.2	—	431	

Continued

Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)		Nitrogen, NO_2+NO_3, dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as P)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Selenium, dissolved (µg/L as Se)
140	250	—	—	25	958		—	—	—	—	—	—
120	250	—	—	24	952		—	—	—	—	—	—
120	240	.10	—	27	915		—	—	110	—	—	—
110	250	.20	—	25	987		4.70	—	90	—	—	—
120	250	.20	—	23	965		6.40	—	70	30	<10	—
120	240	.10	—	23	924		—	—	80	<10	4	—
140	250	.20	—	24	999		9.60	—	90	—	—	—
—	—	—	—	—	1,040	R	—	—	—	—	—	—
120	240	.20	—	26	980		7.40	.020	100	5	<1	—
110	200	.20	—	26	930		5.80	.030	80	11	<1	—
130	220	.20	—	25	872		—	.150	90	11	<1	—
130	220	<.10	—	24	891		8.40	.020	100	<3	<1	—
100	190	.20	.10	24	878		4.90	—	80	3	<1	2
120	270	—	—	—	978		—	—	—	—	—	—
140	260	—	—	—	970		—	—	—	—	—	—
69	210	—	—	32	664		—	—	—	—	—	—
74	180	—	—	35	652		4.90	—	—	—	—	—
120	280	.20	—	27	1,060		7.00	—	320	—	—	—
110	270	.30	—	27	1,000		9.30	—	90	—	—	—
120	280	.20	—	26	1,020		—	—	100	20	<10	—
—	—	—	—	—	1,040		7.70	—	100	—	—	—
110	280	.20	—	27	986	R	—	—	—	—	—	—
120	260	.20	—	28	1,020		5.10	.030	80	<10	<1	—
120	200	—	—	—	643		—	—	—	—	—	—
80	220	—	—	26	808		—	—	—	—	—	—
59	230	—	—	—	739		—	—	—	—	—	—
69	220	.10	—	28	662		9.50	—	80	—	—	—
85	240	.10	—	25	799		11.0	—	200	—	—	—
77	230	.30	—	24	787		10.0	—	60	—	—	—
90	230	.10	—	24	759		—	—	60	<10	<10	—
97	230	.10	—	26	803		8.20	—	70	—	—	—
—	—	—	—	—	887	R	—	—	—	—	—	—
100	240	.10	—	26	856		7.60	.020	230	<10	<1	—
92	200	.20	—	27	835		6.40	.030	70	11	1	—
82	190	.20	—	25	741		—	.030	80	10	<1	—
82	190	.10	.18	24	744		4.70	.060	80	<3	<1	4
170	280	—	—	—	864		—	—	—	—	—	—
74	180	—	—	35	652		4.90	—	—	—	—	—
120	280	—	—	27	1,060		7.00	—	—	—	—	—
110	270	.30	—	27	1,000		9.30	—	—	—	—	—
130	280	.20	—	25	1,070		—	—	110	<10	<10	—
—	—	—	—	—	1,040	R	—	—	—	—	—	—
110	260	.30	—	26	986		4.80	.040	90	0	0	—
120	250	.20	—	27	913		4.20	.040	100	<3	<1	—
110	210	.30	—	26	926		5.40	.030	110	11	1	—
—	220	0	—	10	852	R	—	—	40	—	—	—
190	240	—	—	—	1,040		—	—	—	—	—	—
340	610	—	—	37	3,050	R	—		—	—	—	—
200	900	—	—	—	2,100		—	—	—	—	—	—
220	310	.20	—	42	1,500		42.0	—	730	—	—	—
150	270	.20	—	35	1,210		21.0	—	230	—	—	—

Table 6. Physical properties and results of chemical analyses of water from selected wells and springs in Juab Valley, Utah—

Location	Date sampled	Specific conductance (µS/cm)		pH (standard units)	Temperature (°C)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Sodium+potassium, dissolved (mg/L as Na)	Alkalinity (mg/L as $CaCO_3$)	
(D-13-1)18acc-2	08-06-93	710	L	7.7	14.0	290	59	34	34	1.6	—	189	
(D-13-2)5cbd-S1	05-13-65	380		7.7	11.0	190	63	8.8	—	—	8.9	—	
(D-14-1)30add-1	08-28-92	960		7.4	13.0	470	110	47	29	2.7	—	232	
(D-14-1)31ada-1	05-28-63	1,350		7.0	13.0	690	180	57	—	—	47	243	
	08-28-92	1,170		7.3	12.5	570	150	48	40	2.0	—	256	
(D-14-1)31dab-1	07-15-75	1,300		—	13.0	630	160	57	48	2.2	—	281	
	07-13-76	1,250		7.2	12.0	630	170	50	46	2.2	—	283	
	06-27-77	1,300		7.3	12.5	650	170	54	47	2.3	—	270	
	06-29-78	1,150		7.3	12.5	580	150	50	44	2.2	—	230	
	06-25-79	1,150		—	12.5	—	—	—	—	—	—	—	
	06-24-81	1,200		7.2	11.0	520	130	47	42	2.3	—	290	L
	08-23-89	1,180		7.4	11.5	600	150	54	48	2.0	—	277	L
(D-15-1)6cab-1	08-24-92	1,610		7.1	13.0	800	200	72	73	2.6	—	252	
(D-15-2)18bab-S1	08-28-92	520		7.4	15.5	280	72	24	5.4	1.2	—	248	

[1] Previously reported as (C-15-1)26adb-1 (Bjorklund and Robinson, 1968, table 4).
[2] Previously reported as (D-11-1)17bbb-1 (Bjorklund, 1967, table 4).
[3] Previously reported as (D-12-1)31cbb-1 (Bjorklund, 1967, table 4).

Continued

Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)	Nitrogen, NO_2+NO_3, dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as P)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Selenium, dissolved (µg/L as Se)
30	94	0.20	0.17	18	398	3.30	0.020	40	7	29	2
.6	8.2	.40	—	11	213 R	—	—	—	—	—	—
220	41	.20	.060	18	623	3.60	.020	80	5	<1	<1
460	53	—	—	13	964	—	—	—	—	—	—
340	51	.20	.060	14	806	1.70	.020	90	6	<1	<1
340	55	.20	—	13	856	2.70	—	90	—	—	—
340	59	.20	—	12	860	2.50	—	80	—	—	—
360	57	.20	—	13	866	—	—	80	20	<10	—
—	59	.20	—	13	758	2.70	—	70	—	—	—
—	—	—	—	—	860 R	—	—	—	—	—	—
250	61	.20	—	13	731	2.50	.010	50	<10	1	—
370	53	.20	—	12	864	1.90	<.010	80	32	4	—
490	130	.10	.21	15	1,190	14.0	<.010	90	13	2	4
22	6.9	.10	.02	8.5	290	.21	<.010	<10	3	<1	<1

Table 7. Physical properties and results of chemical analyses of water from selected surface-water sites in Juab Valley, Utah

[°C, degrees Celsius; mg/L, milligrams per liter; µg/L, micrograms per liter; <, less than; —, no data]

Location: See figure 1 for an explanation of the numbering system for hydrologic-data sites.
Specific conductance: Measured in the field except where noted L, laboratory value; µS/cm, microsiemens per centimeter at 25
Alkalinity: Laboratory value except where noted F, field value.
Solids, sum of constituents, dissolved: Sum of constituents except where noted R, residue on evaporation at 180 degrees Celsius.

Location	Date	Specific conductance (µS/cm)	pH, field (standard units)	Temperature (°C)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Alkalinity (mg/L as $CaCO_3$)	Sulfate, dissolved (mg/L as SO_4)
North Creek near Mona, at (D-11-1)15dad	07-27-93	426 L	8.6	14.0	210	54	18	2.6	0.60	170	30
Willow Creek near Mona, at (D-12-1) 4daa	07-29-93	320	8.4	11.0	170	49	12	1.5	.40	154	7.7
Currant Creek near Mona, at (D-12-1)6acb, streamflow-gaging station 10146400	11-17-93	1,050	8.2	7.0	—	—	—	—	—	—	—
	03-08-94	2,230	8.3	8.0	590	—	—	—	—	—	—
Salt Creek at Nephi, at (D-13-1)3adc, streamflow-gaging station 10146000	02-03-71	1,100	7.8	4.0	280	79	19	140	2.3	201 F	70
	08-04-93	1,460	8.0	17.0	280	74	23	250	2.9	245	110
	11-17-93	7,180	8.3	6.0	—	—	—	—	—	—	—
	03-07-94	1,470	8.4	11.0	240	—	—	—	—	—	—
Chicken Creek near Levan, at (D-14-1)33cab, streamflow-gaging station 10219200	09-10-92	925	8.2	15.5	330	68	40	74	1.7	170	200
	11-17-93	890	8.4	3.0	—	—	—	—	—	—	—
	03-07-94	750	8.5	9.0	140	—	—	—	—	—	—
Chicken Creek Reservoir outlet at (C-15-1)19dbd	11-17-93	1,320	8.6	2.0	—	—	—	—	—	—	—
Chicken Creek at campground, at (D-15-1)11aba	09-10-92	445	8.4	11.5	230	56	23	11	1.1	221	12

degrees Celsius.

Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Silica, dissolved (mg/L as SiO_2)	Solids, sum of constituents, dissolved (mg/L)	Nitrogen, NO_2+NO_3, dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as P)	Arsenic, dissolved (µg/L as As)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Selenium, dissolved (µg/L as Se)
2.6	0.10	<0.010	6.8	217	<0.050	<0.010	—	<10	5	3	<1
1.2	.10	<.010	5.2	171	.400	.050	—	<10	<3	3	<1
—	—	—	—	604 R	2.00	—	<1	40	<10	—	3
—	—	—	—	1,340 R	1.20	—	2	80	20	40	3
—	—	—	—	—	—	—	—	—	—	—	—
350	.30	.060	15	973	.093	<.010	—	70	<3	4	<1
—	—	—	—	5,470 R	.100	—	2	460	50	—	2
—	—	—	—	814 R	<.050	—	<1	50	4	3	1
110	.20	.020	9.0	593	.110	<.010	—	60	9	<1	<1
—	—	—	—	496 R	.110	—	<1	40	<10	—	<1
—	—	—	—	430 R	<.050	—	<1	40	3	<1	<1
—	—	—	—	718 R	.180	—	<1	30	20	—	2
8.6	.10	<.010	9.0	141	1.10	<.010	—	20	3	2	<1

Table 8. Results of chemical analyses for sulfide and isotopes in water from selected wells, springs, and surface-water sites and in rock sample, Juab Valley, Utah

[mg/L, milligrams per liter; per mil, parts per thousand; TU, tritium units; —, no data]

Location: See figure 1 for an explanation of the numbering system for hydrologic-data sites.

Location	Date	Sulfide, total (mg/L as S)	H-2/H-1 stable isotope ratio, per mil	O-18/O-16 stable isotope ratio, per mil	S-34/S-32 stable isotope ratio, per mil	Tritium in water molecules (TU)
(C-12-1)24baa-1	08-05-93	—	-123.0	-16.39	—	—
(C-13-1)1daa-2	08-04-93	—	-123.0	-16.15	—	—
(C-13-1)3bcc-S1	08-06-93	—	-120.0	-16.34	—	—
(C-13-1)3dad-1	07-16-93	—	-122.0	-16.29	—	—
(C-13-1)12adc-1	08-05-93	—	-120.0	-16.18	—	—
(C-13-1)13bac-S1	07-28-93	—	-114.0	-15.13	—	—
(C-13-1)23add-1	08-05-93	—	-119.0	-15.66	—	—
(C-14-1)22ddc-1	09-02-92	—	-123.0	-15.91	—	—
(C-15-1)1baa-1	08-27-92	—	-120.0	-15.85	—	—
	08-19-93	0	—	—	14.60	—
(C-15-1)10acc-1	08-26-92	—	-124.0	-16.27	—	—
(C-15-1)10bdd-1	08-26-92	—	-122.0	-16.09	—	—
(C-15-1)16baa-1	09-01-92	—	-125.0	-16.35	—	—
(C-15-1)16bad-1	09-01-92	—	-125.0	-16.31	—	—
	08-19-93	.006	—	—	15.90	—
(C-15-1)16bad-S1	08-19-93	.015	—	—	14.50	—
(C-15-1)16bda-S1	09-09-92	—	-123.0	-15.87	—	—
	03-10-94	—	—	—	—	12.8
	04-06-94	—	-119.8	-15.86	—	—
(C-15-1)16cdb-S1	04-06-94	—	-120.0	-15.79	—	—
(C-15-1)35abd-1	09-14-92	—	-119.0	-15.54	—	—
(C-15-1)36cdc-S1	09-14-92	—	-123.0	-15.79	—	—
(D-11-1)8cba-1	07-16-93	—	-123.0	-16.51	—	—
	03-03-94	—	—	—	—	1.1
(D-11-1)20aab-1	07-15-81	—	-122.0	-16.00	—	—
	07-27-93	—	-120.0	-16.06	—	—
(D-11-1)31aaa-S1	07-29-93	—	-118.0	-16.37	—	—
(D-12-1)6ddc-S1	07-29-93	—	-121.0	-16.44	—	—
	03-03-94	—	—	—	—	21.7
	04-12-94	—	-120.5	-16.12	—	—
(D-12-1)7ccd-S1	08-04-93	—	-122.0	-16.33	—	—
(D-12-1)19acb-1	07-15-93	—	-121.0	-16.31	—	—
(D-12-1)29cad-1	08-04-93	—	-120.0	-16.25	—	—
(D-12-1)32abd-1	08-04-93	—	-119.0	-16.31	—	—
(D-13-1)4cca-1	07-15-81	—	-121.0	-16.10	—	—
(D-13-1)5ddb- 3	08-04-93	—	-120.0	-16.24	—	—
(D-13-1)18acc-2	08-06-93	—	-120.0	-16.07	—	—
(D-15-1)6cab-1	08-24-92	—	-122.0	-15.68	—	—
(D-15-2)18bab-S1	08-28-92	—	-127.0	-16.69	—	—
	09-13-94	—	—	—	7.45	—

Table 8. Results of chemical analyses for sulfide and radioisotopes in water from selected wells, springs, and surface-water sites and in rock sample, Juab Valley, Utah—Continued

Location	Date	Sulfide, total (mg/L as S)	H-2/H-1 stable isotope ratio, per mil	O-18/O-16 stable isotope ratio, per mil	S-34/S-32 stable isotope ratio, per mil	Tritium in water molecules (TU)
North Creek near Mona, at (D-11-1)15dad	07-27-93	—	-118.0	-16.35	—	—
Willow Creek near Mona, at (D-12-1)4daa	07-29-93	—	-120.0	-16.67	—	—
Salt Creek at Nephi,	08-04-93	—	-115.0	-14.34	—	—
at (D-13-1)3adc, streamflow-gaging station 10146000	04-21-94	—	-120.2	-16.34	—	—
Pigeon Creek at (D-14-1)25dda	09-18-92	—	-121.0	-16.09	—	—
Chicken Creek near Levan,	09-10-92	—	-119.0	-15.35	—	—
at (D-14-1)33cab	08-19-93	—	—	—	13.10	—
streamflow-gaging station 10219200	04-21-94	—	-120.1	-15.88	—	—
Chicken Creek at campground at (D-15-1)11aba	09-10-92	—	-120.0	-15.84	—	—
Gypsum rock sample from Arapien Shale, at (D-14-1)33dbb	08-19-93	—	—	—	17.40	—

Table 9. Discharge, temperature, and specific conductance of water from selected canals and Salt Creek, Juab Valley, Utah

[—, no data]

Site number: See figure 2 for location of discharge measurement sites; T, turnout; C, main stem of concrete-lined canal; CT, turnout from concrete-lined canal; CR, return-flow point to concrete-lined canal; D, main stem of dirt-lined canal; DT, turnout from dirt-lined canal; S, Salt Creek; R, return-flow point; H, South Highline Canal.

Discharge: e, estimated from recorder at site.

Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius.

Site number	Date	Time (24-hour)	Discharge (cubic feet per second)	Water temperature (degrees Celsius)	Specific conductance (µS/cm)
			Concrete-lined canal		
T-7	08-09-93	1245	3.08	—	—
C-1	08-09-93	1325	3.06	14.5	1,200
C-2	08-09-93	1400	2.68	15.5	1,200
CT-1	08-09-93	—	.04	—	—
CR-1	08-09-93	1450	2.99	12.5	1,360
CT-2	08-09-93	1510	.93	14.0	1,300
C-3	08-09-93	1550	3.61	14.0	1,280
			Dirt-lined canal		
D-1	08-09-93	1647	4.92	15.0	1,190
DT-1	08-09-93	1710	.17	15.0	1,170
D-2	08-09-93	1725	5.26	15.0	1,170
DT-2	08-09-93	—	0	—	—
D-3	08-09-93	—	0	—	—
			Concrete-lined canal		
T-7	08-10-93	0955	3.01e	—	—
C-1	08-10-93	1050	3.54	14.5	1,270
C-2	08-10-93	1115	2.85	15.0	1,315
CT-1	08-10-93	—	0	—	—
CR-1	08-10-93	1445	2.84	12.0	1,360
CT-2	08-10-93	1230	.90	—	—
C-3	08-10-93	1250	3.38	14.0	1,290
			Dirt-lined canal		
D-1	08-10-93	1400	5.69	15.0	1,200
DT-1	08-10-93	1450	.34	16.0	1,200
D-2	08-10-93	1500	6.18	16.0	1,200
DT-2	08-10-93	1540	.11	—	—
D-3	08-10-93	1525	4.60	15.5	1,210
			Concrete-lined canal		
T-7	08-11-93	0954	2.94	—	—
C-1	08-11-93	1100	2.96	14.0	1,240
C-2	08-11-93	1125	2.02	15.5	1,240
CT-1	08-11-93	—	0	—	—
CR-1	08-11-93	1300	2.16	12.5	1,370
CT-2	08-11-93	—	.05	—	—
C-3	08-11-93	1330	2.91	14.5	1,310

Table 9. Discharge, temperature, and specific conductance of water from selected canals and Salt Creek, Juab Valley, Utah—Continued

Site number	Date	Time (24-hour)	Discharge (cubic feet per second)	Water temperature (degrees Celsius)	Specific conductance (µS/cm)
			Dirt-lined canal		
D-1	08-11-93	1355	5.40	16.0	1,240
DT-1	08-11-93	—	.34	—	—
D-2	08-11-93	1450	5.92	16.5	1,240
DT-2	08-11-93	—	.11	—	—
D-3	08-11-93	1520	4.95	17.0	1,240
			Salt Creek		
S-1	11-03-93	1215	5.71	7.5	1,320
R-1	11-03-93	1355	10.0	8.0	930
T-1	11-03-93	1116	.01	13.0	945
S-2	11-03-93	1525	15.59	8.5	1,000
T-2	11-03-93	1225	.34	9.0	1,020
S-3	11-03-93	1625	14.33	9.0	987
T-3	11-03-93	1710	7.67	8.5	995
S-4	11-03-93	1750	8.16	8.5	1,000
T-4	11-03-93	1355	2.52	9.0	1,020
T-5	11-03-93	1455	1.24	9.0	990
T-6	11-03-93	1530	1.16	9.0	950
S-5	11-03-93	1605	1.96	—	—
T-7	11-03-93	1620	.67	—	—
S-6	11-03-93	1645	1.64	8.5	1,000
H-1	11-03-93	1310	.43	9.5	940
S-1	11-04-93	0905	5.38	6.0	1,320
R-1	11-04-93	1105	10.14	8.0	940
T-1	11-04-93	—	0	—	—
S-2	11-04-93	1245	15.60	9.0	990
T-2	11-04-93	1030	.45	8.0	1,010
S-3	11-04-93	1350	13.58	9.0	990
T-3	11-04-93	1510	7.51	9.0	990
S-4	11-04-93	1630	7.55	8.5	980
T-4	11-04-93	1220	2.40	8.0	—
T-5	11-04-93	1310	1.18	9.0	1,000
T-6	11-04-93	1350	1.10	9.0	980
S-5	11-04-93	1430	2.16	—	—
T-7	11-04-93	1500	.75	9.5	980
S-6	11-04-93	1530	1.58	9.5	970
H-1	11-04-93	1115	.46	6.5	980
S-1	11-05-94	0900	5.39	—	—
R-1	11-05-94	1005	9.34	—	—
T-1	11-05-94	—	0	—	—
S-2	11-05-94	1110	15.08	—	—
T-2	11-05-94	0912	.40	—	—

Table 9. Discharge, temperature, and specific conductance of water from selected canals and Salt Creek, Juab Valley, Utah—Continued

Site number	Date	Time (24-hour)	Discharge (cubic feet per second)	Water temperature (degrees Celsius)	Specific conductance (µS/cm)
			Salt Creek—Continued		
S-3	11-05-94	1230	13.87	—	—
T-3	11-05-94	1315	6.77	—	—
S-4	11-05-94	1425	7.63	—	—
T-4	11-05-94	1015	2.42	—	—
T-5	11-05-94	1047	1.34	—	—
T-6	11-05-94	1117	1.14	—	—
S-5	11-05-94	1150	2.16	—	—
T-7	11-05-94	1212	.75	—	—
S-6	11-05-94	1236	1.53	—	—
H-1	11-05-94	0947	.39	—	—

Table 10. Discharge, temperature, specific conductance, and pH of water from the West Creek area and selected wells along West Creek, Juab Valley, Utah

[—, no data]

Site number: See figure 2 for location of discharge measurement sites; IW, discharge from flowing well; W, West Creek; I, inflow.
Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius.

Site number	Date	Discharge (gallons per minute)	Temperature (degrees Celsius)	Specific conductance (µS/cm)	pH (standard units)
IW-1	12-14-93	8.0	11.5	2,310	—
IW-2	12-14-93	16.0	11.5	2,850	—
W- 1	06-10-93	—	31.0	3,000	7.8
	12-14-93	10.0	0	3,400	—
W- 2	12-14-93	0	—	—	—
W- 3	12-14-93	0	—	—	—
I- 3a	12-14-93	80	3.5	3,000	—
I- 3b	12-14-93	115	4.0	2,820	—
W- 4	06-10-93	—	28.5	3,000	8.0
	12-14-93	149	0	9,500	—
I- 4	12-14-93	100	0	1,080	—
W- 5	06-10-93	—	26.0	4,000	8.2
W- 6	04-12-94	—	20.0	13,500	—
W- 7	04-29-93	—	19.0	7,100	—
	05-24-93	6,020	17.0	1,000	8.1
	06-10-93	—	27.0	4,500	7.8
	06-28-93	—	26.0	2,860	—
	08-25-93	—	23.0	4,200	—
	09-28-93	—	15.5	3,970	—
	10-26-93	—	11.5	2,990	—
	11-23-93	—	1.0	1,770	—
	12-14-93	410	0	5,670	—
	01-27-94	—	4.0	6,010	—
	02-25-94	—	5.0	6,120	—
	03-30-94	—	15.0	7,030	—