

**SELECTED HYDROLOGIC DATA FOR THE BEAVER DAM WASH
AREA, WASHINGTON COUNTY, UTAH, LINCOLN COUNTY,
NEVADA, AND MOHAVE COUNTY, ARIZONA, 1991-95**

By Michael Enright

U.S. GEOLOGICAL SURVEY

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CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATED WATER-QUALITY UNITS

Multiply	By	To obtain
acre-foot (acre-ft)	1,233	cubic meter
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second
gallon per minute (gal/min)	0.06308	liter per second
inch (in.)	25.4	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
square mile (mi ²)	2.590	square kilometer
ton	0.9072	metric ton or megagram

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

$$^{\circ}\text{F} = 1.8(^{\circ}\text{C}) + 32.$$

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.

Chemical concentration and water temperature are reported only in metric units. 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.

Specific conductance is reported in microsiemens per centimeter at 25 degrees Celsius (µS/cm).

SELECTED HYDROLOGIC DATA FOR THE BEAVER DAM WASH AREA, WASHINGTON COUNTY, UTAH, LINCOLN COUNTY, NEVADA, AND MOHAVE COUNTY, ARIZONA, 1991-95

By Michael Enright

ABSTRACT

The hydrologic data in this report were collected in Beaver Dam Wash and adjacent areas of Washington County, Utah, Lincoln County, Nevada, and Mohave County, Arizona, from 1991 to 1995; some historical data from as far back as 1932 are included for comparative purposes. The data include records of about 100 wells, drillers' and geologic logs of selected wells, and results of chemical analyses of water from wells, springs, and surface-water sites. Discharge, water temperature, and specific-conductance measurements are reported for 33 surface-water and spring sites. Daily mean discharge data are reported for two U.S. Geological Survey streamflow-gaging stations on Beaver Dam Wash (1992-95). The data were collected as part of a study done by the U.S. Geological Survey in cooperation with the Utah Department of Natural Resources, Division of Water Resources; the Nevada Department of Conservation and Natural Resources; and the Arizona Department of Water Resources.

INTRODUCTION

This report contains hydrologic data collected in the Beaver Dam Wash area of Washington County, Utah, Lincoln County, Nevada, and Mohave County, Arizona, during 1991-95. Some historical data collected from as far back as 1932 also are included. Most of the data were collected for a study done by the U.S. Geological Survey in cooperation with the Utah Department of Natural Resources, Division of Water Resources; the Nevada Department of Conservation and Natural Resources; and the Arizona Department of Water Resources. Some data from the Bureau of Land Management also are included in this report. Some of the earlier data were published previously by Glancy

and VanDenburgh (1969), Sandberg and Sultz (1985), and Johnson (1995). The study was done to improve the understanding of the hydrology of the area and provide officials with information to help them manage the water resources of the area.

The study area is flanked on the east by the Beaver Dam Mountains, on the west by the Tule Springs Hills, on the south by the Virgin Mountains, and on the north by the Clover Mountains (pl. 1). The study area is in the three corners area of Utah, Nevada, and Arizona and is within the Basin and Range Physiographic Province. The study area includes about 820 mi².

Information about selected wells and springs, including well completion data, water levels, drillers' and geologic logs, and results of chemical analyses is contained in tables 1, 2, and 3. Surface-water and spring site data are listed in tables 4, 5, 6, and 7. Hydrologic-data sites are shown on plate 1. The numbering systems for hydrologic-data sites used in this report are shown in figure 1.

REFERENCES CITED

- Glancy, P.A., and VanDenburgh, A.S., 1969, Water-resources appraisal of the lower Virgin River Valley area, Nevada, Arizona, and Utah: Nevada Department of Conservation and Natural Resources, Division of Water Resources, Water Resources-Reconnaissance Series Report 51, 87 p.
- Sandberg, G.W., and Sultz, L.G., 1985, Reconnaissance of the quality of surface water in the upper Virgin River Basin, Utah, Arizona, and Nevada, 1981-82: Utah Department of Natural Resources Technical Publication No. 83, 69 p.
- Johnson, Lee, 1995, The Beaver Dam Wash surface water quality intensive survey, November 1993-September 1994: Arizona Department of Environmental Quality, Open-File Report No. 95-4, 22 p.

EXPLANATION

Separate numbering systems are used in this report for data-collection sites in Utah, Nevada, Arizona, and in the Arizona part of the Navajo Indian Reservation. The numbering systems for the three States are based on the system of the Bureau of Land Management for land subdivision, which uses survey, quadrant, township, range, section, and position within the section to locate data-collection sites.

Each survey is divided into four quadrants by the intersection of a principal meridian and base line: the uppercase letter A denotes the northeast quadrant; B, the northwest quadrant; C, the southwest quadrant; and D, the southeast quadrant. Nevada does not use this part of the system. Townships are numbered starting at the base line and increase northward and southward. Ranges are numbered starting at the principal meridian and increase eastward and westward. A township defined by township and range numbers is subdivided into 36 sections and numbered as shown. Each section is subdivided into quarter sections, quarter-quarter sections, and quarter-quarter-quarter sections, which specify the location to within a 10-acre tract. For each subdivision of the section, the lowercase letter a denotes the northeast quarter; b, the northwest quarter; c, the southwest quarter; and d, the southeast quarter.

Utah

In Utah, the Bureau of Land Management system of land subdivision is used with two surveys. The Salt Lake Meridian and Salt Lake Base Line are used for all of Utah except for a small area in the northeast part of the State where the Uintah Meridian and Uintah Base Line are used.

The Utah number has the same format as the Arizona number. If there is no letter before the parentheses, the Salt Lake Meridian and Salt Lake Base Line apply. A well site has a number and three letters added as a suffix after the parentheses if a quarter-quarter-quarter section is given. A spring site has a capital letter "S" after the suffix. All other site numbers do not have a suffix.

Nevada

In Nevada, the number used from left to right specifies the township north or south of the Mt. Diablo Base Line, the range east of the Mt. Diablo Meridian, the section, and the subdivision of the section. The subdivision of the section is the same as in Utah and Arizona except that Nevada sections are subdivided four times to specify the location to within a 2.5-acre tract. The suffix is used in the same manner as in Arizona. For example, a well located within the SW1/4NW1/4SW1/4SW1/4 section 32, Township 8 South, Range 71 East, would have the number S8 E71 32ddbd1.

Arizona

The numbering system used in Arizona, except on the Navajo Indian Reservation, is based on the Bureau of Land Management system of land subdivision and the Gila and Salt River Meridian and Gila and Salt River Base Line. Within the parentheses, the capital letter denotes the quadrant and is followed by the township and range numbers. The section number is next, followed by three lowercase letters denoting the quarter section, the quarter-quarter section, and the quarter-quarter-quarter section. If there is more than one data-collection site in the 10-acre tract, consecutive numbers beginning with 1 are added as suffixes, and a spring site has a capital letter "S" after the suffix.

Figure 1. Numbering systems used for hydrologic-data sites in Utah, Nevada, and Arizona.

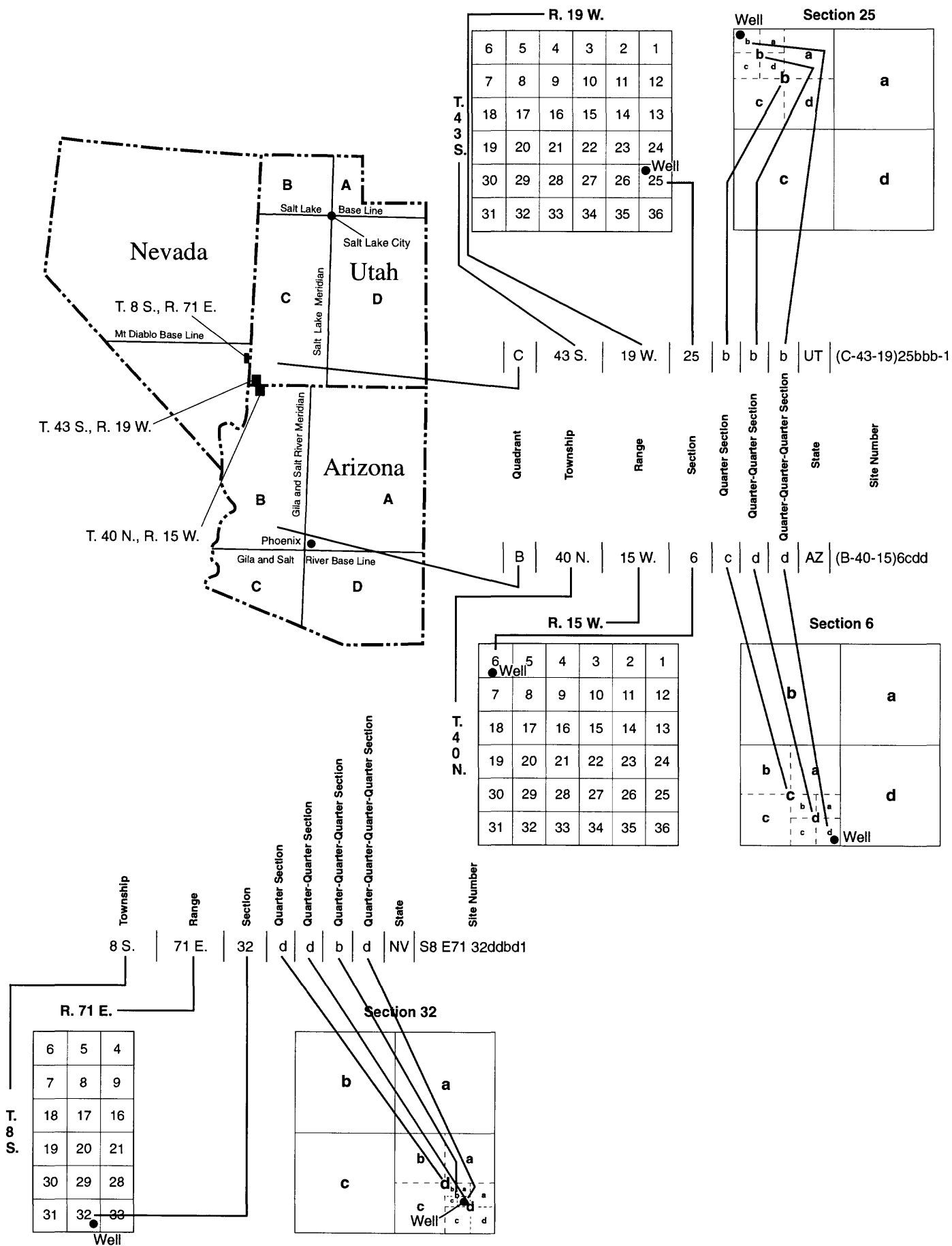


Figure 1. Numbering systems used for hydrologic-data sites in Utah, Nevada, and Arizona—Continued.

Table 1. Records of selected wells in the Beaver Dam Wash area, Utah, Nevada, and Arizona

[—, no data]

Location: See figure 1 for explanation of numbering systems used for hydrologic-data sites.

Owner or user: Last known owner or user.

Year drilled: R, reported by owner.

Depth of well: R, reported by owner.

Geologic source of water: NS, Navajo Sandstone; CF, Channel fill; MC, Muddy Creek Formation; PR-C, Paleozoic rocks, primarily carbonate; PMC, Tertiary gravels and Quaternary alluvial-fan and tufa deposits that overlie the Muddy Creek Formation.

Casing: R, reported by owner; Finish: P, perforated, upper and lower limits of perforations reported in feet below land surface; O, open end or section left uncased; S, screened interval, in feet below land surface.

Altitude of land surface: Surveyed altitudes are reported in feet and decimal fractions; altitudes interpolated from topographic maps are reported in feet.

Water level: Measured water levels reported in feet, tenths, and hundredths; R, reported but not measured by U.S. Geological Survey; + indicates water level above land surface.

Yield: Rate: R, reported, not measured by U.S. Geological Survey; gal/min, gallons per minute.

Other data available: C, chemical analysis (table 3); D, well destroyed; L, drillers' log (table 2).

Location	Owner or user	Year drilled	Depth of well (feet)	Geologic source of water	Casing			Altitude of land surface (feet)	Water level		Yield		Other data available	
					Dia- meter (inches)	Depth (feet)	Finish Type Interval (feet)		Below land surface (feet)	Date	Rate (gal/min)	Date		
Utah wells														
(C-40-18)15dbd-1	U.S. Geological Survey	1993	998	NS	4	968	S	927-967	4,400	829.64	11-30-93	—	—	L
(C-40-19)3adc-1	H. Fletcher	1956	70	CF	12	70	—	—	3,880	14 11.77 10.87	08-56 05-17-93 02-18-94	225 R	—	—
3dcc-1	H. Fletcher	1956	68	CF	12	68	—	—	3,810	9 9.16 8.79	09-56 05-17-93 02-18-94	—	—	—
5acd-1	El Rancho Motoqua	—	120 R	CF	—	—	—	—	3,620	15.53 22.49	05-17-93 02-18-94	—	—	—
5dac-1	El Rancho Motoqua	1978	120 R	CF	10 R	120 R	—	—	3,620	12.32 21.48	05-17-93 02-18-94	—	—	—
17bdd-1	H. Fletcher	—	—	CF	16 R	—	—	—	3,505	7.60 7.27	05-17-93 02-18-94	2,600 R	—	—
(C-41-19)6bbc-1	Bureau of Land Management	1979	150	MC	6	150	P	70-150	3,410	86.05 85.86	12-01-94 02-16-94	32	03-15-79	L
8cdc-1	U.S. Geological Survey	1993	979	MC/PR-C	4	979	S	938-978	3,120	7.59 5.49 6.01	12-07-93 01-20-94 02-16-94	10	12-02-93	C,L
17bdd-1	Bureau of Land Management	—	35	—	8	35	—	—	3,096	1.12 3.33	05-18-93 02-16-94	—	—	—
(C-42-19)7cbc-1	Lytle Ranch	1991	400	MC	8	400	P	305-400	2,770	+21	R 03-15-91	—	—	—
(C-42-20)24aab-1	D. Iverson	1966	80	CF	16	80	P	25-75	2,687	16.28 8.30	11-14-67 10-12-93	—	—	L
(C-43-18)7d	Utah Emergency Relief	1935	630	—	—	—	—	—	3,400	dry	1935	—	—	L
(C-43-19)20bdc-1	Bureau of Land Management	1958	137	CF	6	—	—	—	2,304	84	R 02-58	—	—	C
25bbb-1	U.S. Geological Survey	1993	818	MC	4	818	S	777-817	2,790	763.99	02-26-94	<1	12-09-93	L

Table 1. Records of selected wells in the Beaver Dam Wash area, Utah, Nevada, and Arizona—Continued

Location	Owner or user	Year drilled	Depth of well (feet)	Geologic source of water	Casing			Altitude of land surface (feet)	Water level		Yield		Other data available
					Dia- meter (inches)	Depth (feet)	Finish Type Interval (feet)		Below land surface (feet)	Date	Rate (gal/min)	Date	
Nevada wells													
S8 E71 32ddbd	Bureau of Land Management	1949	61	CF	6	61	—	3,290	35.21 18.70 19.84	11-14-67 04-15-93 02-16-94	10 R	—	—
Arizona wells													
(B-39-16)11ddc	W. Broomfield	1975	390	PMC	14	385	P 270-385	1,909	275.90 276.70 261.80	11-04-76 02-05-91 02-11-94	500 R	—	—
(B-40-15)3abb1	B. Reber	1967	105	PMC	14	27	O 27-105	1,916	21.8	11-16-67	—	—	C,D
3abb2	B. Reber	1991	75	PMC	12	27	O 27-75	1,916	20.78 20.42 20.24	02-06-93 05-13-93 02-09-94	300 R	—	C
3abd	C. Bell	1981	117	PMC	8	117	—	1,950	51.30 51.13 50.65 50.50	R 03-27-91 02-09-93 05-13-93 02-08-94	—	—	—
3bac2	B. Reber	1988	465	PMC	6	465	P 425-445	1,910	37.07 63.59 63.16 61.64	R 03-27-91 02-06-93 05-13-93 02-09-94	—	—	—
4abb	Sodell Company	1989	90	PMC	8	90	P 60-85	1,860	54.9 57.03 58.18	02-09-93 05-14-93 02-09-94	150 R	—	—
4acd	Saguaro Company	1991	490	PMC	6	250	P 20-120	1,880	14.18	02-09-94	75 R	—	L
14bda	Bureau of Land Management #5	1990	9.5	CF	2	9.5	S 6.5-9.5	1,788	1.25 2.58	R 02-16-93 02-15-94	—	—	—
14bdb1	Bureau of Land Management #4	1990	8.5	CF	2	8.5	S 5.5-8.5	1,788	.08 .24	R 02-16-93 02-15-94	—	—	—
14bdc1	Bureau of Land Management #2	1990	11.5	CF	2	11.5	S 8.5-11.5	1,789	.60 1.92	R 02-16-93 02-15-94	—	—	—
14bdc2	Bureau of Land Management #3	1990	8.0	CF	2	8.0	S 5-8	1,788	+33 +33	R 02-16-93 02-15-94	—	—	—
14bdc3	Bureau of Land Management #1	1990	8.5	CF	2	8.5	S 5.5-8.5	1,785	+33	R 01-14-93	—	—	—
14bdc4	Bureau of Land Management #6	1990	10.6	CF	2	10.6	S 7.6-10.6	1,788	1.50 4.00	R 02-16-93 02-15-94	—	—	—
5aaa1	C. Evans	1930 R	—	CF	6	—	—	1,850	19.67 17.80	06-15-93 02-09-94	—	—	—
5aaa3	C. Evans	1991	98	PMC, MC	8	98	P 40-98	1,865	40.6	R 07-23-91	—	—	L
5aab1	B. Evans	1988	40	CF	12	40	P 20-37	1,828	9.90 10.12 8.74	R 02-05-91 06-15-93 02-09-94	—	—	—
5aab2	C. Evans	1987	70	CF	8	70	P 40-70	1,825	5.66 5.62 4.50	04-14-93 06-15-93 02-09-94	—	—	—
5aad	C. Evans	1930 R	60	CF	16	60	—	1,825	4.99 5.00 3.94	04-14-93 06-15-93 02-09-94	1,200 R	—	—

Table 1. Records of selected wells in the Beaver Dam Wash area, Utah, Nevada, and Arizona—Continued

Location	Owner or user	Year drilled	Depth of well (feet)	Geologic source of water	Casing			Altitude of land surface (feet)	Water level		Yield		Other data available
					Dia- meter (inches)	Depth (feet)	Finish Type Interval (feet)		Below land surface (feet)	Date	Rate (gal/min)	Date	
Arizona wells—Continued													
(B-40-15)5aba	B. Evans	1955	54	CF	16	54	P 27-52	1,840	18.0 17.18 16.56	R 02-05-91 06-15-93 02-09-94	—	—	—
5abb1	Beaver Dam Properties	1991	115	CF	16	100	P 25-75	1,850	18.52 17.94	06-16-93 02-09-94	1,100	02-05-91	—
5abb2	Beaver Dam Properties	1991	175	CF	16	100	P 20-65	1,845	12.35 11.85	06-16-93 02-09-94	1,000	03-05-91	—
5abd1	B. Evans	1955	60	CF	14	60	P 45-55	1,845	18.80 17.30 16.90	11-03-76 06-15-93 02-15-94	30	03-31-55	C
5abd2	Beaver Dam Water Company	1955	48	CF	10	48	P 30-45	1,842	17.30	R 02-07-91	—	—	C
5ada1	Beaver Dam Water Company	1989	100	CF	16	100	P 37-90	1,822	10	R 07-13-89	—	—	—
5ada2	Beaver Dam Water Company	1989	100	CF	16	100	P 35-90	1,822	10	R 07-30-89	—	—	L
5adb1	Beaver Dam Water Company	—	—	CF	48	—	—	1,830	18.00	11-03-76	—	—	—
5adb2	Beaver Dam Water Company	1990	60	CF	16	60	P 20-45	1,820	8.60	R 02-05-91	—	—	—
5adb3	Beaver Dam Water Company	1989	60	CF	16	60	P 30-58	1,820	9.10	R 02-05-91	—	—	—
5baa	D. Giebink	1987	80	CF	8	77	P 65-77	1,860	25	R 02-26-87	—	—	L
5bab	V. Richardson	1938	90	CF	16	90	P 25-50	1,875	25.0 34.20 20.97 21.47 21.37	R 11-15-67 11-03-76 02-10-93 05-16-93 02-10-94	—	—	C
5dad	Littlefield Water Company	—	—	CF	—	—	—	1,880	—	—	—	—	—
6cdd	U.S. Geological Survey	1993	599	MC	4	599	S 468-488 S 508-518 S 588-598	2,040	266.07 267.10 267.08	01-21-94 02-15-94 02-28-94	6	11-09-93	C,L
(B-41-15)8ada	Bureau of Land Management	1993	600	MC	4	600	S 590-600	2,285	383.38 383.23 381.43 383.42 382.80 380.02 380.43 381.25	02-04-93 04-02-93 R 04-08-93 05-14-93 R 08-02-93 R 11-05-93 R 11-06-93 02-09-94	3	04-02-93	C,L
9dad	Bureau of Land Management	1992	380	—	—	—	—	2,180	dry	11-16-92	—	—	L
28abd	Bureau of Land Management	1992	360	PMC, MC	4	360	S 320-330	2,075	201.36 203.04 202.06 202.92 202.70 201.80 201.53 201.70	R 11-17-92 02-04-93 04-08-93 04-13-93 05-14-93 R 08-02-93 R 11-05-93 02-09-94	—	—	C,L

Table 1. Records of selected wells in the Beaver Dam Wash area, Utah, Nevada, and Arizona—Continued

Location	Owner or user	Year drilled	Depth of well (feet)	Geologic source of water	Casing			Altitude of land surface (feet)	Water level		Yield		Other data available		
					Dia- meter (inches)	Depth (feet)	Type		Interval (feet)	Below land surface (feet)	Date	Rate (gal/min)		Date	
															Finish
Arizona wells—Continued															
(B-41-15)29cbc	Biasi Farms	—	175	CF	14	67	P	37-67	1,907.7	18.0 13.40 7.88	R — —	02-06-91 02-05-93 02-08-94	940	06-15-93	C,L
29cbd	Biasi Farms	1966	130	CF	16	100	P	34-43	1,900	10.60 4.88 5.36 4.89	R — — —	02-05-93 05-15-93 01-19-94 02-08-94	—	—	L
29ccb	Biasi Farms	1977	95	CF	16	76	P	35-72	1,906.5	17.10 12.45 6.20 7.38 6.90	R — — — —	02-06-91 02-05-93 05-15-93 01-19-94 02-08-94	—	—	L
29ccc1	Biasi Farms	1967	119	CF	8	119	P	50-82	1,902.6	16.67 12.83 12.35	R — —	02-06-93 01-19-94 02-08-94	—	—	L
29ccc2	Biasi Farms	1981	93	CF	16	91	P	25-83	1,901.7	15.15 10.11 11.28 10.72	R — — —	02-06-93 05-15-93 01-19-94 02-08-94	850	—	L
29ccd	Biasi Farms	1981	90	CF	16	89	P	20-78	1,898.1	18.60 15.47 10.71 11.75 11.28	R — — — —	02-06-91 02-05-93 05-15-93 01-19-94 02-08-94	650	—	L
29cdc	Biasi Farms	1981	85	CF	16	81	P	30-70	1,885	8.03 7.56	R —	01-19-94 02-08-94	500	—	L
29dac	Biasi Farms	1990	630	CF, MC	18,12	630	P	90-600	1,964.9	89.28 87.57 81.70 81.42	R — — —	02-05-93 05-15-93 01-19-94 02-08-94	550	03-09-94	L
29dbd	Biasi Farms	1966	230	CF, MC	14	230	P	102-112 134-146 193-200	1,960	100	R	02-66	—	—	D
29dda	Biasi Farms	—	170	CF	8	140	P	113-129	1,960	105	R	—	30	—	—
29ddc	Biasi Farms	1967	300	CF, MC	14	—	—	—	1,942.7	98 75.56 66.45 66.31	R — — —	06-67 02-05-93 01-19-94 02-08-94	—	—	C,L
30aca	Biasi Farms	—	350	CF, MC	16	350	P	10-350	1,920	10.00 9.68	R —	01-19-94 02-08-94	300	—	—
30dda	Santa Clara Cattle Company	1965	106	CF	10	106	P	35-65 90-100	1,905	35	R	06-13-65	—	—	L
31bbd	Bureau of Land Management	1992	400	—	—	—	—	—	2,155	dry	—	11-14-92	—	—	L
32aad	Biasi Farms	1980	165	CF	6	120	—	—	1,920	85	R	10-80	—	—	—
32abb	Biasi Farms	1965	240	CF, MC	14	240	P	120-240	1,946	85	R	02-25-65	—	—	D
32ada	A. Wharton	—	—	CF	12	—	—	—	1,920	65.30 59.07	R —	02-05-91 02-16-94	—	—	—
32bbc3	J. Merrihew	1969	85	CF	16	80	P	40-72	1,900	19.74 15.79 16.09	R — —	02-06-93 05-13-93 02-10-94	1,000	—	L

Table 1. Records of selected wells in the Beaver Dam Wash area, Utah, Nevada, and Arizona—Continued

Location	Owner or user	Year drilled	Depth of well (feet)	Geologic source of water	Casing				Altitude of land surface (feet)	Water level		Yield		Other data available
					Dia- meter (inches)	Depth (feet)	Finish			Below land surface (feet)	Date	Rate (gal/min)	Date	
							Type	Interval (feet)						
Arizona wells—Continued														
(B-41-15)32bca2	J. Merrihew	1949	101	CF	16	101	P	23-68	1,890	26.66 20.60 R 17.02 14.19 13.92	11-15-67 02-06-91 02-06-93 05-13-93 02-10-94	700	06-18-93	C,L
32cab	Mitchell	1974	60	CF	12	60	P	25-60	1,880	10.69	02-10-94	—	—	—
32cda	L. Jones	1974	60	CF	12	60	P	40-60	1,875	12.98 18.64	02-10-93 02-10-94	—	—	—
32dba	S. Layton	1989	86	CF	8	86	P	61-83	1,880	21.76 21.89 20.35	02-09-93 05-12-93 02-15-94	—	—	—
32dba	S. Layton	1972	64	CF	14	64	P	38-63	1,880	21.90 R 18.07 18.38 19.50	02-05-91 02-09-93 05-12-93 02-15-94	600 R	—	—
32dbb	S. Layton	1951	91	CF	16	91	P P	26-38 56-70	1,870	22.0 R 17.37 17.99 17.18	09-28-51 02-09-93 05-12-93 02-15-94	800 R	—	L
32dbc1	E. Broussard	1955	57	CF	16	57	P	30-54	1,872	26.0 13.30 14.12 14.30	11-15-67 02-10-93 05-13-93 02-10-94	—	—	—
32dbc2	E. Broussard	1981	65	CF	10	65	P	30-65	1,870	16.58 17.77 17.88	02-10-93 05-13-93 02-10-94	—	—	—
32dcb	H. Blackmore	1987	50	CF	8	50	P	30-50	1,875	19.68 20.28 20.48	02-10-93 05-13-93 02-10-94	—	—	—
33bac	T. Stoddard	1984	293	MC	6	255	P	230-255	2,050	200	R 03-13-84	—	—	C,L
33bcc	Sunshiners Corporation	1984	107	CF	10	102	—	—	1,910	60.90 62.75 59.91 55.10	02-05-91 02-09-93 05-12-93 02-15-94	375 R	03-01-63	—
33bcd	A. Schenk	1994	120	CF	8	120	P	60-120	1,910	57.45	02-16-94	—	—	—
33bdc1	Chellies Nuts and Nursery	1985	160	CF	8	160	P	120-160	1,900	60	R 11-16-85	—	—	—
33cab	Chellies Nuts and Nursery	1968	98	PMC, CF	8	98	P	78-95	1,910	60.10 R 59.95 54.75	02-05-91 05-12-93 02-10-94	40	03-04-68	C,L
33cac	Arizona DOT	1977	150	PMC, CF	8	120	—	—	1,895	56.10 R 56.88 52.59	02-05-91 02-10-93 02-10-94	—	—	C
33cbb	Sunshiners Corporation	—	150	CF	8	150	—	—	1,905	57.50 R 58.64 55.95 52.12	02-05-91 02-10-93 05-12-93 02-15-94	—	—	—
33cbc1	A. Mitchell	1991	108	CF	8	108	P	80-105	1,900	57.00 52.18	02-10-93 02-10-94	—	—	—
33cbc2	B. King	1978	100	CF	8	—	—	—	1,901	56.25 54.45	02-09-93 05-12-93	—	—	—

Table 1. Records of selected wells in the Beaver Dam Wash area, Utah, Nevada, and Arizona—Continued

Location	Owner or user	Year drilled	Depth of well (feet)	Geologic source of water	Casing			Altitude of land surface (feet)	Water level		Yield		Other data available
					Dia- meter (inches)	Depth (feet)	Finish Type Interval (feet)		Below land surface (feet)	Date	Rate (gal/min)	Date	
Arizona wells—Continued													
(B-41-15)33cbc3	H. Crowell	1985	127	CF	8	127	P 70-90	1,898	56.70	02-05-91	—	—	—
									57.74	02-10-93			
									52.86	02-10-94			
33cbd1	Chellies Nuts and Nursery	1976	90	PMC, CF	8	90	—	1,900	64.2	11-03-76	—	—	—
33cbd3	D. Pollock	1983	118	CF	8	118	P 68-85	1,885	51.64	02-10-93	—	—	—
									50.02	05-12-93			
									44.48	02-10-94			
33cbd2	F. Lewis	1965	145	CF	8	145	P 80-90	1,895	53.36	02-10-93	—	—	C
									51.64	05-12-93			
									48.41	02-10-94			
34cca	W. Wall	1969	100	CF	14	100	P 40-95	1,823	25.0	03-17-69	380	06-15-93	C
									24.55	02-10-93			
									25.49	02-09-94			
34ccb	W. Wall	—	—	CF	6	—	—	1,820	18.82	02-10-93	—	—	—
34dcc	B. Reber	1986	100	PMC	8	100	—	1,860	53.82	02-09-93	—	—	—
									53.58	05-13-93			
									55.31	02-09-94			
36bdd	V. Knight	1993	405	MC, PMC	8	405	P 360-375	2,080	200	01-25-93	—	—	L
36cba	T. Cheney	1992	235	MC, PMC	8	235	P 195-235	2,010	120.62	02-07-93	—	—	—
									119.51	02-08-94			
36ccc	D. Smith	1992	360	MC, PMC	8	360	P 150-360	2,065	135.95	02-07-93	12	08-02-92	—
									134.17	05-13-93			
									133.78	02-08-94			
(B-41-16)1cca	Bureau of Land Management	1992	76	CF	8	20	O	2,110	25.0	10-29-92	—	—	—
									16.8	11-19-92			
									12.10	02-04-93			
									3.45	04-02-93			
									3.54	04-08-93			
									3.78	05-14-93			
									4.1	08-02-93			
									3.67	02-15-94			
2ddb	Arizona State Land Dept.	—	94	CF	4	94	—	2,115	12.15	02-04-93	—	—	—
									3.02	05-14-93			
									2.95	02-15-94			
12abc	D. Gardner	1978	90	CF	6	90	P 50-75	2,067	27.38	02-04-93	—	—	—
									12.30	05-14-93			
									14.75	02-15-94			
13ada	Arizona State Land Dept.	—	176	CF	16	176	—	2,022	51.94	02-06-93	—	—	—
									35.57	06-16-93			
					df				36.74	02-09-94			

¹Monthly water-level and water-quality data available through the Bureau of Land Management.

Table 2. Drillers' and geologic logs of selected wells in the Beaver Dam Wash area, Utah and Arizona

Location: See figure 1 for explanation of numbering systems used for hydrologic-data sites.

Thickness: In feet.

Depth: Depth to bottom of interval, in feet below land surface.

Material	Thickness	Depth	Material	Thickness	Depth
LOGS OF UTAH WELLS					
(C-40-18)15dbd-1			(C-42-20)24aab-1		
Log by Walter Holmes and Susan Thiros, U.S. Geological Survey Altitude 4,400 feet			Log by Ballard Drilling Altitude 2,687 feet		
Soil.....	5	5	Clay and sand.....	20	20
Sandstone, reddish brown.....	83	88	Gravel.....	35	55
Sandstone, red.....	5	93	Clay and gravel.....	25	80
Sandstone, reddish brown, some white flakes 945-960 feet.....	905	998	(C-43-18)7d		
(C-41-19)6bbc-1			Altitude 3,400 feet		
Log by Stephenson Drilling Altitude 3,410 feet					
Soil.....	2	2	Gravel, cemented.....	25	25
Clay, sand, and gravel.....	13	15	Gravel and clay.....	75	100
Clay, cobbles and boulders.....	12	27	Gravel, cemented.....	200	300
Clay, red.....	23	50	Lime, black.....	18	318
Clay and sand, white.....	5	55	Gravel, cemented.....	22	340
Clay, orange, sticky.....	19	74	Gravel, lime, black.....	20	360
Shale, hard, red.....	3	77	Gravel.....	40	400
Clay, red.....	8	85	Lime, black.....	35	435
Sand and shale in thin layers.....	11	96	Quartzite, hard.....	35	470
Clay, red.....	5	101	Gravel, cemented, pink.....	30	500
Clay, with soft shale layers, red.....	24	125	Limestone.....	60	560
Sandstone, fractured.....	10	135	Gravel, cemented.....	70	630
Shale, soft, red.....	15	150	(C-43-19)25bbb-1		
(C-41-19)8cdc-1			Log by Walter Holmes,		
Log by Walter Holmes and Dale Wilberg, U.S. Geological Survey Altitude 3,120 feet			U.S. Geological Survey		
Sand and gravel.....	13	13	Altitude 2,790 feet		
Gravel.....	26	39	Silt, sand, gravel, cobbles, and boulders,		
Clay and gravel, Muddy Creek Formation.....	26	65	reddish brown, poorly sorted.....		
Clay and sand, brown.....	5	70	100 100		
Clay, silt and sand, light reddish brown.....	25	95	Sand and gravel, some clay.....		
Gravel, alternating gravel and fine grain lenses.....	25	120	108 208		
Clay and gravel.....	30	150	Silt to boulders, poorly sorted.....		
Gravel, and some clay.....	2	152	112 320		
Clay and gravel, in alternating lenses.....	88	240	Clay, silt, and sand, grey, increasing clay, and		
Clay, sand, and gravel, light reddish brown, 75 percent clay.....	266	266	large sand.....		
Gravel.....	114	380	18 338		
Clay, light reddish brown.....	10	390	Clay, silt, and sand, pale brown, possible		
Clay and sand, light reddish brown.....	170	560	Muddy Creek Formation.....		
Gravel.....	20	580	356 694		
Clay and sand.....	220	800	Sand.....		
Silt and sand, light reddish brown.....	75	875	2 696		
Clay.....	55	930	Clay, some sand mixed with clay.....		
Sand and gravel, small.....	10	940	104 800		
Shale, greenish grey, possibly Supai Formation.....	39	979	Cobbles.....		
			18 818		
			LOGS OF ARIZONA WELLS		
			(B-40-15)4acd		
			Log by Ballard Drilling		
			Altitude 1,880 feet		
			Clay and gravel.....		
			6 6		
			Limestone (water at 20 feet) ¹		
			15 21		
			Clay, red.....		
			7 28		
			Limestone ¹		
			37 65		
			Clay, red.....		
			10 75		
			Clay and gravel.....		
			10 85		
			Gravel, cemented.....		
			20 105		
			Clay and gravel.....		
			15 120		
			Gravel, cemented.....		
			30 150		
			Clay and gravel.....		
			55 205		
			Gravel, cemented.....		
			85 290		

Table 2. Drillers' and geologic logs of selected wells in the Beaver Dam Wash area, Utah and Arizona—Continued

Material	Thickness	Depth	Material	Thickness	Depth
(B-40-15)4acd—Continued			(B-40-15)6cdd—Continued		
Clay, red.....	15	305	Silt and sand, with gravel and clay bed at 340-341 feet.....	6	344
Gravel, cemented	115	420	Clay with beds of silt and sand at 353 and 360 feet.....	36	380
Clay, red.....	70	490	Sand and gravel, with clay and silt	28	408
(B-40-15)5aaa3			Clay, with silt and sand.....	63	471
Log by S. Budo			Sand and gravel, sand course to fine.....	24	495
Altitude 1,865 feet			Clay and silt, sand and gravel bed at 510 feet.....	23	518
Sand and gravel, loose; grey, grey green, black, and reddish brown, some well cemented sand lenses	30	30	Silt and sand, with gravel beds at 520 and 528 feet	20	538
Conglomerate, cemented gravel volcanic pebbles in gravel, pink reddish brown.....	20	50	Clay, silt, and sand beds.....	52	590
Gravel similar to above with little cementing, clean with good gradation, good water zone ..	10	60	Sand, with some gravel.....	9	599
Gravel, with volcanic pebbles in a clay matrix.....	10	70	(B-41-15)8ada		
Gravel, no clay matrix, good water zone	5	75	Log by Paul Summers,		
Gravel, larger (.75-1.25 inches) with clay matrix ..	19	94	Bureau of Land Management		
Clay.....	4	98	Altitude 2,285 feet		
(B-40-15)5ada2			Sand, fine, tan	20	20
Log by Ballard Drilling			Gravel, (.1 to 0.3 inch) composed of various rock types, grey	200	220
Altitude 1,822 feet			Gravel and sand, grey	20	240
Sand and gravel.....	30	30	Gravel, rounded, (.3-.5 inch) grey, pebbles	140	380
Sand.....	5	35	Sand and gravel.....	10	390
Sand and gravel.....	65	100	Gravel, small grey.....	10	400
(B-40-15)5baa			Gravel, with sand	10	410
Log by Penrod Drilling			Sand and gravel, small, grey.....	10	420
Altitude 1,860 feet			Gravel, large, grey.....	30	450
Topsoil	8	8	Sand and gravel.....	30	480
Sand and boulders.....	24	32	Clay, sandy, red, possible Muddy Creek Formation contact	20	500
Sand and gravel.....	44	76	Sand, reddish.....	20	520
Bentonite, reddish brown	4	80	Sand, some clay, reddish.....	10	530
(B-40-15)6cdd			Clay, sandy, reddish.....	10	540
Log by Dale Wilberg,			Sand, some gravel, red-brown	10	550
U.S. Geological Survey			Clay, sandy.....	40	590
Altitude 2,040 feet			Sand with some clay	10	600
Silt and clay, white, dry reacts with acid,	15	15	(B-41-15)9dad		
Silt and sand, with some clay and gravel, pink.....	18	33	Log by Paul Summers,		
Clay, silt, sand, and some gravel, yellowish brown	21	54	Bureau of Land Management		
Sand and gravel.....	7	61	Altitude 2,180 feet		
Silt and clay, with sand beds (4-40 inches thick) reddish brown	60	121	Gravel and sand, grey	20	20
Sand and gravel.....	21	142	Gravel, some sand, grey	80	100
Sand with some silt and clay sand, fine to medium	43	185	Sand, some gravel	30	130
Sand, fine to medium, with one thin gravel bed ..	25	210	Gravel and sand.....	110	240
Clay and silt; coarser beds 227 and 233 feet.....	31	241	Sand with some gravel.....	110	350
Silt and sand.....	36	277	Sand, brown	30	380
Clay with variable amounts of silt and sand	41	318			
Sand and gravel pea size	10	328			
Clay and silt	10	338			

Table 2. Drillers' and geologic logs of selected wells in the Beaver Dam Wash area, Utah and Arizona—Continued

Material	Thickness	Depth	Material	Thickness	Depth
(B-41-15)28abd			(B-41-15)29ccd		
Log by Paul Summers			Log by Ballard Drilling		
Bureau of Land Management			Altitude 1,898.1 feet		
Altitude 2,075 feet			Sand and gravel, some clay.....16 16		
Sand, loose tan.....10		10	Sand and gravel, (water).....62		78
Gravel, some sand, grey.....60		70	Clay and sand.....12		90
Sand, clayey, some gravel.....30		100	(B-41-15)29cdc		
Sand, with some gravel, tan-grey.....50		150	Log by Ballard Drilling		
Gravel, with some sand, grey.....50		200	Altitude 1,885 feet		
Sand, gravel, and some clay, red.....10		210	Sand.....3 3		
Clay, sandy, some gravel, red.....90		300	Sand and gravel.....8 11		
Gravel, clayey sand, red.....20		320	Sand and gravel (water).....59 70		
Sand and gravel, small, red.....40		360	Clay and sand.....15 85		
(B-41-15)29cbc			(B-41-15)29dac		
Log by Ballard Drilling			Log by Bruno Biasi		
Altitude 1,907.7 feet			Altitude 1,964.9 feet		
Sand and gravel.....28		28	Cobbles and gravel, some sand.....60 60		
Sand and gravel (some water).....9		37	Clay and sand, fine.....40 100		
Sand and gravel (water).....30		67	Sand and fine gravel.....50 150		
Clay, sandy.....23		90	Clay.....20 170		
Sand (water).....5		95	Sand and fine gravel.....10 180		
Clay and sand.....5		100	Clay and fine sand.....70 250		
Sand with clay streaks.....75		175	Sand and fine gravel.....20 270		
(B-41-15)29cbd			Clay.....45 315		
Log by Ballard Drilling			Sand.....20 335		
Altitude 1,900 feet			Clay and fine sand.....75 410		
Clay and sand.....34		34	Sand and fine gravel.....10 420		
Gravel (water).....9		43	Clay and fine sand.....105 525		
Clay.....87		130	Sand and fine gravel.....10 535		
(B-41-15)29ccb			Clay and fine sand.....80 615		
Log by Ballard Drilling			Gravel, coarse (cemented).....15 630		
Altitude 1,906.5 feet			(B-41-15)29ddc		
Sand and gravel (water at 35 feet).....72		72	Log by Ballard Drilling		
Clay, sandy.....23		95	Altitude 1,942.7 feet		
(B-41-15)29ccc1			Clay.....6 6		
Log by Ballard Drilling			Gravel, (dry).....84 90		
Altitude 1,902.6 feet			Clay, sandy.....28 118		
Sand.....30		30	Sand and gravel.....12 130		
Gravel.....11		41	Clay, sandy.....10 140		
Sand.....37		78	Sand with some gravel.....6 146		
Gravel, cemented.....6		84	Clay, sandy.....13 159		
Clay.....35		119	Gravel.....6 165		
(B-41-15)29ccc2			Clay and gravel.....7 172		
Log by Ballard Drilling			Clay.....58 230		
Altitude 1,901.7 feet			Gravel.....14 244		
Sand and gravel, with some clay.....70		70	Clay.....6 250		
Clay with sand and gravel.....3		73	Gravel.....4 254		
Sand and gravel.....10		83	Clay.....10 264		
Clay.....10		93	Sand and gravel.....11 275		
			Clay.....25 300		

Table 3. Chemical analyses of water from selected wells and springs in the Beaver Dam Wash area, Utah, Nevada, and Arizona

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

Location and (or) spring name: See figure 1 for explanation of numbering systems used for hydrologic-data sites; S, number in parentheses is Analyzing agency: USGS, U.S. Geological Survey; BLM, Bureau of Land Management; ADEQ, Arizona Department of Environmental Quality. Geologic source of water: PMC, Tertiary gravels and Quaternary alluvial-fan and tufa deposits that overlie the Muddy Creek Formation; CF, PC, Precambrian rocks.

Discharge: gal/min, gallons per minute; e, estimated.

Temperature: °C, degrees Celsius.

Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius; all data rounded to USGS standards.

Location and (or) spring name	Analyzing agency	Date	Geologic source of water	Discharge (gal/min)	Temperature water (°C)	Specific conductance (µS/cm)	pH, field (standard units)	Alkalinity (mg/L as CaCO ₃)	Bicarbonate (mg/L as HCO ₃)	Nitrogen, nitrate, total (mg/L as N)	Nitrogen, NO ₂ +NO ₃ , dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as PO ₄)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as CaCO ₃)	Hardness, noncarbonate (mg/L as CaCO ₃)
(B-40-15) 3abb1	USGS	11-16-67	PMC	—	—	3,800	7.6	377	460	—	—	—	—	1,600	1,300
3abb2	USGS	06-16-93	PMC	—	26.0	3,580	6.9	—	—	—	.460	.070	—	1,400	—
4dbdS1	USGS	11-04-76	PMC	50	26.0	3,500	7.5	456	456	—	.26	.01	—	1,600	1,200
5abd1	USGS	06-15-93	CF	—	20.5	650	7.4	—	—	—	1.20	.100	—	250	—
5abd2	USGS	02-07-91	CF	—	20.0	665	8.2	211	257	—	1.7	—	.01	270	54
5bab	USGS	11-15-67	CF	—	20.0	800	7.4	205	250	—	—	—	—	360	150
	USGS	06-16-93	—	—	21.0	640	7.5	—	—	—	1.60	.090	—	270	—
6cdd	USGS	01-21-94	MC	6 e	22.0	590	7.8	—	—	—	.920	.050	—	170	—
(B-41-15) 8ada	USGS	04-02-93	MC	3	25.0	580	7.9	—	—	—	—	.020	—	200	—
28abd	BLM	11-12-92	PMC,MC	—	—	2,300	—	—	—	—	—	—	—	—	—
29cbc	USGS	06-16-93	CF	940	19.0	510	7.6	—	—	—	.480	.100	—	210	—
	USGS	02-27-94	—	—	—	535	—	—	—	—	—	—	—	—	—
29ddc	USGS	11-15-67	CF,MC	—	—	440	—	—	—	—	—	—	—	130	—
32bca2	USGS	06-18-93	CF	700	20.0	620	7.5	—	—	—	1.20	.010	—	250	—
32dddS1	ADEQ	11-24-93	CF	45 e	13.5	670	7.9	—	—	.47	—	—	—	—	—
Unnamed springs in Beaver Dam (S26)	ADEQ	12-21-93	—	45 e	13.0	640	7.6	—	—	.50	—	—	—	—	—
	ADEQ	01-25-94	—	45 e	13.0	620	7.3	—	—	.55	—	—	—	—	—
	ADEQ	02-23-94	—	15	19.0	580	7.5	—	—	<.1	—	—	—	—	—
	ADEQ	03-30-94	—	45 e	21.0	550	7.6	—	—	.45	—	—	—	—	—
	ADEQ	06-07-94	—	—	20.5	630	7.6	—	—	.22	—	—	—	—	—
(S27) 32dddS2	ADEQ	11-24-93	CF	45 e	12.0	700	7.5	—	—	.62	—	—	—	—	—
	ADEQ	12-21-93	—	45 e	8.0	740	7.7	—	—	.67	—	—	—	—	—
	ADEQ	01-25-94	—	45 e	11.0	700	7.5	—	—	.56	—	—	—	—	—
	ADEQ	02-23-94	—	90 e	18.0	630	7.5	—	—	.48	—	—	—	—	—
	ADEQ	03-30-94	—	45 e	21.0	—	7.8	—	—	.34	—	—	—	—	—
	ADEQ	06-07-94	—	45 e	22.5	640	7.7	—	—	.25	—	—	—	—	—
(S28) 32dddS3	ADEQ	11-24-93	CF	45 e	13.5	740	7.7	—	—	.92	—	—	—	—	—
	ADEQ	12-21-93	—	45 e	10.0	700	7.6	—	—	.91	—	—	—	—	—
	ADEQ	01-25-94	—	45 e	12.5	660	7.4	—	—	.78	—	—	—	—	—
	ADEQ	02-23-94	—	90 e	21.0	580	7.4	—	—	.67	—	—	—	—	—
	ADEQ	03-30-94	—	45 e	22.5	580	7.5	—	—	.49	—	—	—	—	—
	ADEQ	06-07-94	—	—	21.5	600	7.3	—	—	.47	—	—	—	—	—
33bac	USGS	06-17-93	MC	—	21.5	2,720	7.2	—	—	—	1.30	.020	—	950	—
33cab	USGS	11-03-76	PMC,CF	—	—	2,350	7.2	248	300	—	1.50	.90	.030	1,000	760
	USGS	01-22-94	—	—	—	1,930	7.5	—	—	—	3.30	<.010	—	590	—
33cac	USGS	06-13-89	PMC,CF	—	22.0	3,200	7.3	283	—	—	.9	—	.01	1,200	930
	USGS	05-02-90	—	—	22.0	3,180	7.0	351	—	—	.9	—	.01	1,100	750
	USGS	02-07-91	—	—	22.0	3,200	7.4	291	355	—	.8	—	.01	1,100	860
	USGS	06-23-92	—	—	23.0	3,200	7.2	298	364	—	.8	—	.01	1,100	760
	USGS	04-13-93	—	—	22.5	3,300	7.2	303	—	—	.7	—	.01	1,200	940
33cbd2	USGS	11-14-67	PMC,CF	—	—	2,100	7.9	244	300	—	—	—	—	810	560
	USGS	11-03-76	—	—	—	1,000	7.5	194	240	—	2.10	—	.020	390	200

surface-water or spring site number used in table 5 and on plate 1.

Channel fill; MC, Muddy Creek Formation; TV, Tertiary volcanics; MR, Mesozoic rocks; PR-C, Paleozoic rocks, primarily carbonate;

Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium+Potassium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO ₄)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO ₂)	Boron, dissolved (µg/L as B)	Iron, dissolved (µg/L as Fe)	Manganese, dissolved (µg/L as Mn)	Solids, sum of constituents, dissolved (mg/L)	Solids, dissolved (tons per acre-foot)	Alkalinity, lab (mg/L as CaCO ₃)
450	120	—	310	—	430	1,300	—	—	—	—	—	—	—	—
380	110	280	—	15	450	1,200	1.2	15	1,200	70	20	2,600	3.54	248
430	130	290	35	—	390	1,300	1.1	16	1,100	10	—	2,800	3.9	374
69	20	33	—	4	19	100	.60	36	80	6	<1	407	.55	200
70	22	36	—	4.1	22	98	.60	36	90	5	1.0	423	—	212
96	28	—	24	—	43	140	—	—	—	—	—	—	—	—
70	22	36	—	4.4	20	100	.70	40	90	6	<1	425	.58	208
40	18	58	—	4.4	20	93	.70	30	110	<3	33	382	.52	190
54	16	43	—	4.2	21	85	.60	32	90	5	44	367	.50	185
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	17	26	—	3.8	13	71	.60	33	60	<3	<1	328	.45	176
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	14	—	—	—	29	95	—	—	—	—	—	—	—	—
67	20	33	—	4.2	19	98	.70	37	80	3	<1	403	.55	198
—	—	—	—	4.6	18	—	—	—	—	—	—	422	—	—
—	—	—	—	—	19	—	—	—	—	—	—	426	—	—
—	—	—	—	—	19	—	—	—	—	—	—	424	—	—
—	—	—	—	—	17	—	—	—	—	—	—	421	—	—
—	—	—	—	—	18	—	—	—	—	—	—	408	—	—
—	—	—	—	—	15	—	—	—	—	—	—	424	—	—
—	—	—	—	4.6	21	—	—	—	—	—	—	463	—	—
—	—	—	—	—	22	—	—	—	—	—	—	456	—	—
—	—	—	—	—	20	—	—	—	—	—	—	448	—	—
—	—	—	—	—	18	—	—	—	—	—	—	435	—	—
—	—	—	—	—	19	—	—	—	—	—	—	424	—	—
—	—	—	—	—	14	—	—	—	—	—	—	433	—	—
—	—	—	—	4.8	22	—	—	—	—	—	—	465	—	—
—	—	—	—	—	21	—	—	—	—	—	—	454	—	—
—	—	—	—	—	19	—	—	—	—	—	—	443	—	—
—	—	—	—	—	18	—	—	—	—	—	—	422	—	—
—	—	—	—	—	18	—	—	—	—	—	—	414	—	—
—	—	—	—	—	13	—	—	—	—	—	—	425	—	—
230	92	230	—	20	370	730	.60	31	940	20	<10	1,820	2.48	189
240	99	240	—	12	360	750	.40	30	910	<10	—	1,890	2.67	—
140	58	170	—	8	230	460	.50	32	570	48	13	1,230	1.67	193
270	130	270	—	16	400	910	.40	33	1,100	50	10	2,210	—	286
260	110	270	—	16	390	790	.01	34	1,100	40	10	2,090	—	283
260	120	280	—	16	390	1,100	.30	31	1,200	10	10	2,380	—	288
260	100	290	—	18	390	900	.20	34	1,200	20	10	2,180	—	298
300	120	280	—	16	410	950	.50	32	1,200	10	10	2,290	—	293
190	79	—	160	—	250	530	—	—	—	—	—	—	—	—
100	35	56	—	5.4	77	230	.60	32	190	<10	—	662	.91	—

Table 3. Chemical analyses of water from selected wells and springs in the Beaver Dam Wash area, Utah, Nevada, and Arizona

Location and (or) spring name	Analyzing agency	Date	Geologic source of water	Discharge (gal/min)	Temperature water (°C)	Specific conductance (µS/cm)	pH, field (standard units)	Alkalinity (mg/L as CaCO ₃)	Bicarbonate (mg/L as HCO ₃)	Nitrogen, nitrate, total (mg/L as N)	Nitrogen, NO ₂ +NO ₃ , dissolved (mg/L as N)	Phosphorus, dissolved (mg/L as PO ₄)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as CaCO ₃)	Hardness, noncarbonate (mg/L as CaCO ₃)
(B-41-15) 34cca	USGS	06-17-93	CF	380	23.0	3,350	7.0	—	—	—	0.450	0.070	—	1,400	—
(B-41-16) 1cca	BLM	11-03-92	MC	—	18	460	—	—	—	—	—	—	—	—	—
(C-38-19) 36dbc-S1 Polecat Spring	BLM	10-29-76	TV	—	—	900	8.1	372	454	—	—	—	—	462	—
(C-39-19) 34daa-1 (mine tunnel)	USGS	08-18-93	TV	—	22.5	660	7.6	—	—	—	.39	.01	—	300	—
(C-40-18) 21cca-S1 Cole Spring	BLM	10-20-76	MR	—	—	1,640	7.7	180	—	—	—	—	—	1,250	—
	BLM	09-19-80		.5 e	27.0	2,600	7.4	182	222	—	—	—	—	1,570	—
	BLM	05-27-81		—	—	—	—	—	—	.47	—	—	—	1,460	—
	BLM	06-25-82		1-3 e	—	—	—	—	—	—	—	—	—	1,390	—
29cac-S1 Jackson Spring	BLM	12-13-77	MR	8	—	450	7.8	188	—	.52	—	—	—	201	—
(C-40-19) 7acc-S1 Dodge Spring	BLM	12-13-77	TV	.25	—	750	7.6	125	—	.22	—	—	—	391	—
	BLM	09-19-80		—	23.0	1,150	6.8	—	—	—	—	—	—	—	—
13ccc-S1 Red Hollow Spring	BLM	02-28-78	MR	—	—	1,150	—	—	—	.90	—	—	—	440	—
	BLM	04-05-78		—	—	—	—	295	295	.38	—	—	—	184	—
29aac-S1 Bentley Spring	BLM	05-04-81	CF	5-10 e	—	—	—	—	—	.05	—	—	—	260	—
	BLM	08-25-82		—	—	—	—	—	—	.06	—	—	—	750	—
	BLM	08-18-93		—	18.0	580	8.1	—	—	—	.05	—	—	250	—
(C-41-19) 8cdc-1	USGS	01-20-94	MC,PR-C	10	19.0	640	9.3	—	—	—	.730	1.60	—	75	—
17bdd-S1	USGS	08-18-93	PR-C	520	19.0	460	7.9	—	—	—	.09	.02	—	210	—
36cac-S1 Badger Spring	BLM	04-05-78	PC	—	—	—	—	160	160	.07	—	—	—	154	—
(C-42-18) 7cab-S1 Indian Spring	BLM	12-21-77	PC	.50	—	1,550	7.6	177	—	1.11	—	—	—	259	—
	BLM	04-05-78		—	—	—	—	—	—	—	—	—	—	158	—
	BLM	09-24-80		—	20.0	—	—	326	397	—	—	—	—	769	—
	BLM	05-21-81		5-10 e	—	—	—	—	—	—	—	—	—	240	—
	BLM	06-25-82		—	—	—	—	—	—	—	—	—	—	288	—
17bbd-S1 Grapevine Spring	BLM	03-10-77	PR-C	—	—	1,130	7.3	—	—	—	—	—	—	226	—
	BLM	05-24-79		10-15 e	18.0	490	8.06	231	281	.03	—	—	—	699	—
30cdb-S1 Welcome Spring	BLM	02-19-76	PC	—	—	942	7.7	419	—	—	—	—	—	417	—
	BLM	12-13-77		.75	—	850	8.0	274	—	1.98	—	—	—	193	—
	BLM	09-24-80		—	20.0	900	—	280	342	—	—	—	—	388	—
	BLM	05-15-81		5-10 e	—	—	—	—	—	.75	—	—	—	388	—
	BLM	06-25-82		1-3 e	—	—	—	—	—	—	—	—	—	339	—
33bab-S1 Summit Spring	BLM	03-01-76	PC	—	—	630	7.5	266	—	—	—	—	—	358	—
	BLM	08-27-76		—	—	1,020	—	194	237	—	—	—	—	348	—
	BLM	12-13-77		.5	—	816	—	—	—	—	—	—	—	—	—
	BLM	04-11-80		—	20.0	—	—	184	—	.45	—	.086	—	429	—
(C-42-19) 13bbb-S1 Crazy Spring	BLM	09-24-80	PC	—	28	950	—	370	451	—	—	—	—	317	—
	BLM	05-21-81		5-10 e	—	—	—	—	—	.05	—	—	—	447	—
	BLM	07-01-82		—	—	—	—	—	—	—	—	—	—	395	—
24bcc-S1 Middle Spring	BLM	09-24-80	PC	—	24.0	850	—	—	—	—	—	—	—	316	—
	BLM	05-15-81		5-10 e	—	—	—	—	—	.33	—	—	—	320	—
	BLM	06-25-82		1 e	—	—	—	—	—	—	—	—	—	—	—
(C-43-19) 20bdc-1	BLM	03-01-76	CF	—	—	640	7.7	213	260	—	—	—	—	280	—
	BLM	07-02-81		—	—	—	—	—	—	.05	—	—	—	262	—
	BLM	06-25-82		—	21.0	—	—	—	—	<1	—	—	—	218	—
S9 E70 02DDAB Snow Spring	USGS	01-20-94	MR	4.8	18.0	600	8.0	—	—	—	—	—	—	230	—

—Continued

Calcium, dis-solved (mg/L as Ca)	Magne-sium, dis-solved (mg/L as Mg)	Sodium, dis-solved (mg/L as Na)	Sodium+ Potas-sium, dis-solved (mg/L as Na)	Potas-sium, dis-solved (mg/L as K)	Chlo-ride, dis-solved (mg/L as Cl)	Sulfate, dis-solved (mg/L as SO ₄)	Fluo-ride, dis-solved (mg/L as F)	Silica, dis-solved (mg/L as SiO ₂)	Boron, dis-solved (µg/L as B)	Iron, dis-solved (µg/L as Fe)	Manga-nese, dis-solved (µg/L as Mn)	Solids, sum of consti-tuents, dis-solved (mg/L)	Solids, dis-solved (tons per acre-foot)	Alka-linity, lab (mg/L as CaCO ₃)
320	150	310	—	23	390	1,100	0.50	32	1,300	80	<10	2,510	3.41	303
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
128	—	26.5	—	.85	28	114	—	—	—	—	—	—	—	—
69	30	22	—	1.9	30	88	.3	20	50	4.0	1.0	398	—	226
336	—	34.6	—	3.69	72	945	—	—	—	—	—	—	—	—
—	—	42	—	—	—	1,700	—	—	—	—	—	—	—	—
—	—	42	—	—	80	1,270	—	—	—	—	—	—	—	—
—	—	30	—	—	72	1,280	—	—	—	—	—	—	—	—
52.8	—	27	—	2	59	6	—	—	—	—	<1	—	—	—
96.8	—	36	—	3	33	31	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
69.7	2.3	120	—	2	380	170	—	—	—	—	—	890	1.21	—
—	—	25	—	—	22	97	—	—	—	—	—	—	—	—
—	—	22	—	—	18	72	—	—	—	—	—	—	—	—
70	18	24	—	3	22	86	.5	34	60	5.0	5.0	376	—	199
27	1.9	110	—	6.2	22	99	.30	31	70	3	<1	421	.57	200
61	1.2	21	—	3.2	12	59	.5	35	40	14	3.0	315	—	181
57.8	2.3	121	—	9.5	470	131	—	—	—	—	—	870	1.18	—
—	—	45	—	—	17	19	—	—	—	—	—	—	—	—
59.8	2.1	92.8	—	2.9	—	—	—	—	—	<1	—	—	—	—
164	—	99	—	6	41	690	—	—	—	—	—	—	—	—
—	—	34	—	—	13	17	—	—	—	—	—	—	—	—
—	—	49	—	—	—	31	—	—	—	—	—	—	—	—
46	27	131	—	5.5	11	26	—	—	—	—	—	385	.52	—
240	—	24	—	4.5	35	370	—	—	—	—	—	—	—	—
90	—	46	—	1.7	50	110	—	—	—	—	—	—	—	—
77.2	.013	62	—	3	45	102	—	—	—	—	.01	453	.62	—
—	—	73	—	—	52	113	—	—	—	—	—	—	—	—
—	—	54	—	—	44	104	—	—	—	—	—	—	—	—
—	—	54	—	—	—	96	—	—	—	—	—	—	—	—
74	42	89	—	7.3	80	180	—	43	—	—	—	632	.86	—
98	—	38	—	2.5	42	135	—	—	—	—	<1	—	—	—
95	—	—	—	—	42	109	—	—	—	—	<1	—	—	—
—	—	42	—	—	—	95	—	—	—	—	—	—	—	—
—	—	62	—	—	43	78	—	—	—	—	—	—	—	—
—	—	50	—	—	39	59	—	—	—	—	—	—	—	—
—	—	59	—	—	—	92	—	—	—	—	—	—	—	—
—	—	72	—	—	49	91	—	—	—	—	—	—	—	—
—	—	56	—	—	41	97	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75	22	31	—	5	24	140	—	—	—	28	7	—	—	—
—	—	56	—	—	33	149	.84	—	—	—	—	458	—	—
—	—	30	—	—	17	68	.68	—	—	—	—	422	—	—
31	37	36	—	1.9	38	45	.3	23	190	10	2.0	364	—	185

Table 4. Chemical analyses of water from selected surface-water sites in the Beaver Dam Wash area, Utah, Nevada, and

[mg/L, milligrams per liter; µg/L, micrograms per liter; —, no data; <, less than; ND, not detected]

Description: (S1), surface-water or spring site number used in table 5 and on plate 1.

Analyzing agency: USGS, U.S. Geological Survey; NEV, State of Nevada; ADEQ, Arizona Department of Environmental Quality; BLM,

Temperature: °C, degrees Celsius.

Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius; all data rounded to U.S. Geological Survey standards.

Solids, sum of constituents, dissolved: e, estimated.

Description	Analyzing agency	Date	Temperature water (°C)	Specific conductance (µS/cm)	pH, field (standard units)	Nitrogen, nitrate, total (mg/L as N)	Nitrogen, NO ₂ +NO ₃ , dissolved (mg/L as N)	Phosphate, ortho, dissolved (mg/L as PO ₄)	Phosphate, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as CaCO ₃)	Calcium, dissolved (mg/L as Ca)
Virgin River at Littlefield	USGS	12-01-59	18.0	1,780	7.7	—	—	—	—	730	220
	USGS	11-30-84	15.5	2,600	7.9	.790	—	—	—	1,000	270
	USGS	12-24-84	10.5	2,600	8.0	—	—	—	—	920	250
	USGS	01-25-85	10.0	2,500	7.9	—	—	—	—	870	230
	USGS	02-25-85	12.5	2,450	8.0	.870	—	—	—	840	220
	USGS	03-28-85	14.0	2,400	7.6	—	—	—	—	870	230
	USGS	04-25-85	12.5	2,080	7.9	—	—	—	—	710	190
	USGS	05-29-85	17.5	1,900	7.9	.490	—	—	—	630	170
	USGS	06-25-85	24.5	3,400	8.0	—	—	—	—	1,200	330
	USGS	07-29-85	26.0	3,300	7.8	—	—	—	—	1,300	330
	USGS	08-27-85	25.0	3,530	7.9	.400	—	—	—	1,200	300
	USGS	09-26-85	26.5	3,380	7.8	—	—	—	—	1,300	350
	USGS	10-18-85	23.0	3,550	7.9	—	—	—	—	1,300	350
	USGS	11-25-85	20.0	3,590	7.9	.620	.630	.09	.030	1,200	310
	USGS	12-30-85	13.5	2,660	8.0	—	—	—	—	840	220
	USGS	01-27-86	12.0	—	7.9	—	—	—	—	880	230
	USGS	02-25-86	13.0	2,600	7.6	.670	—	—	—	880	220
	USGS	03-26-86	17.0	2,490	7.6	—	—	—	—	860	220
	USGS	04-28-86	19.5	2,580	7.9	—	—	—	—	860	230
	USGS	05-27-86	20.5	2,710	8.0	.590	—	—	—	850	210
USGS	06-11-86	24.0	2,720	7.8	—	—	—	—	850	210	
USGS	07-28-86	27.5	3,410	7.8	—	—	—	—	1,400	360	
USGS	08-26-86	26.5	—	7.6	.500	—	—	—	1,200	330	
USGS	09-26-86	27.0	3,600	7.7	—	—	—	—	1,000	280	
Virgin River above Beaver Dam Wash	USGS	08-28-81	29.0	3,620	7.2	1.20	1.20	.06	.020	1,600	420
	USGS	10-21-81	16.5	3,130	7.8	.870	.870	—	<.010	1,200	320
	USGS	05-10-82	19.0	1,620	7.8	.460	.460	.06	.020	620	170
	USGS	09-03-82	21.5	3,670	7.7	.850	.850	—	<.010	1,600	420
Virgin River below springs in Virgin River Gorge	USGS	08-28-81	27.5	3,690	7.4	.330	.330	—	<.020	1,600	440
	USGS	09-03-82	21.5	3,650	7.5	.420	.420	.03	.010	1,300	340
Beaver Dam Wash at mouth, near Beaver Dam (S32)	NEV	05-29-32	—	—	—	—	—	—	—	280	74
	USGS	04-22-50	—	620	—	—	2.2	—	—	280	72
	USGS	09-30-55	23.0	670	8.1	—	3.4	—	—	280	80
	USGS	11-15-67	18.0	700	—	—	—	—	—	310	—
	USGS	08-28-81	21.5	980	7.4	1.90	1.9	.09	.030	350	95
	USGS	10-21-81	17.5	770	7.9	2.20	2.2	—	<.010	320	87
	USGS	02-10-82	17.5	800	7.5	1.70	1.7	.03	.010	290	80
	USGS	05-10-82	20.0	750	7.8	1.20	1.2	.06	.020	300	81
	USGS	09-03-82	21.5	840	7.6	1.20	1.2	.03	.010	300	80
	ADEQ	11-23-93	17.0	760	8.0	—	1.1	—	—	—	96
	ADEQ	12-20-93	13.5	900	8.0	—	1.0	—	—	—	—
	ADEQ	01-26-94	6.0	860	8.2	—	.9	—	—	—	—
	ADEQ	02-22-94	20.0	780	7.6	—	1.1	—	—	—	97
	ADEQ	03-29-94	25.0	750	8.0	—	.9	—	—	—	—
	ADEQ	06-07-94	22.5	790	8.0	—	.6	—	—	—	84
ADEQ	07-27-94	24.5	710	7.8	—	.7	—	—	—	—	
ADEQ	09-19-94	23.0	730	7.8	—	.7	—	—	—	75	

and Arizona

Bureau of Land Management.

Magne- sium, dis- solved (mg/L as Mg)	Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Chlo- ride, dis- solved (mg/L as Cl)	Sulfate, dis- solved (mg/L as SO ₄)	Fluo- ride, dis- solved (mg/L as F)	Silica, dis- solved (mg/L as SiO ₂)	Boron, dis- solved (µg/L as B)	Manga- nese, dis- solved (µg/L as Mn)	Solids, sum of consti- tuents, dis- solved (mg/L)	Solids, dis- solved (tons per acre-foot)	Alka- linity, lab (mg/L as CaCO ₃)
44	140	13	160	590	0.50	11	—	—	1,290	1.96	181
78	230	23	330	750	.80	18	—	—	1,820	2.48	193
72	240	20	340	710	.70	20	—	—	1,820	2.30	283
71	230	18	310	680	.70	20	—	—	1,740	2.42	304
70	230	18	300	590	.70	18	—	—	1,650	2.37	335
71	220	18	290	630	.50	18	—	—	1,670	2.28	317
56	180	15	250	510	.60	16	—	—	1,310	1.82	161
49	150	15	210	450	.50	14	—	—	1,230	1.74	283
100	290	31	470	1,100	.90	19	—	—	2,410	3.41	110
110	270	28	400	1,100	1.0	20	—	—	2,400	3.44	232
110	310	29	370	1,000	.90	19	—	—	2,290	3.58	245
100	270	28	380	1,100	.90	18	—	—	2,390	3.45	243
110	360	33	520	1,100	.90	19	—	—	2,650	3.63	259
100	360	39	490	1,100	.90	20	—	—	2,570	3.51	237
71	260	20	360	720	.70	18	—	—	1,810	2.46	234
75	280	22	390	800	.80	18	—	—	1,980	2.71	270
81	250	20	350	760	.70	19	—	—	1,860	2.50	268
75	220	19	310	660	.70	20	—	—	1,680	2.35	253
69	250	22	340	680	.80	17	—	—	—	—	—
80	250	20	320	720	.80	17	—	—	1,760	2.68	240
79	250	21	350	840	.70	18	—	—	1,860	2.68	157
110	280	29	360	1,100	1.0	20	—	—	2,390	3.41	212
100	270	27	400	1,100	1.0	20	—	—	2,390	3.41	235
80	380	30	510	1,200	.80	15	—	—	2,610	3.62	198
130	290	30	480	1,200	.80	18	1,200	—	2,720	3.70	240
98	280	24	420	920	.80	16	880	—	2,200	3.00	200
46	130	12	180	430	.40	14	390	—	1,120	1.52	220
130	300	29	430	1,300	.90	18	1,100	—	2,790	3.80	269
130	280	28	470	1,200	.90	17	1,000	—	2,660	3.62	160
120	300	30	430	1,200	.80	18	1,000	110	2,610	3.55	287
22	—	—	27	102	—	40	—	—	454	—	288
24	—	—	20	85	—	40	—	—	394	—	258
20	—	—	26	93	—	56	—	—	420 ^e	—	274
—	—	—	38	109	—	—	—	—	440 ^e	—	—
28	72	5.3	44	240	.50	38	290	—	652	.89	200
25	51	6.6	32	140	.60	39	20	—	529	.72	230
23	45	5.4	12	130	.70	37	60	—	479	.65	230
24	55	4.7	31	150	.70	39	130	—	523	.71	220
24	59	5.0	32	170	.60	36	160	—	538	.73	210
27	46	4.8	37	176	.66	—	110	ND	646	—	216
—	—	—	38	—	—	—	—	—	—	—	—
—	—	—	36	—	—	—	—	—	—	—	—
29	45	5.6	33	170	.63	—	120	ND	633	—	213
—	—	—	34	—	—	—	—	—	—	—	—
25	46	5.1	32	127	.67	—	170	ND	581	—	213
—	—	—	29	—	—	—	—	—	—	—	—
24	44	5.8	29	142	.7	—	130	ND	586	—	216

Table 4. Chemical analyses of water from selected surface-water sites in the Beaver Dam Wash area, Utah, Nevada, and

Description	Analyzing agency	Date	Temperature water (°C)	Specific conductance (µS/cm)	pH, field (standard units)	Nitrogen, nitrate, total (mg/L as N)	Nitrogen, NO ₂ +NO ₃ , dissolved (mg/L as N)	Phosphate, ortho, dissolved (mg/L as PO ₄)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as CaCO ₃)	Calcium, dissolved (mg/L as Ca)
Beaver Dam Wash 0.5 mile above mouth (S31)	ADEQ	11-25-93	15.0	870	8.2	—	1.1	—	—	—	—
	ADEQ	12-22-93	15.0	890	—	—	1.1	—	—	—	—
	ADEQ	01-27-94	18.0	790	7.8	—	.9	—	—	—	—
	ADEQ	02-24-94	22.0	720	7.5	—	—	—	—	—	—
	ADEQ	03-31-94	23.0	650	7.5	—	.9	—	—	—	—
	ADEQ	06-08-94	21.0	690	7.6	—	.7	—	—	—	—
	ADEQ	07-27-94	25.0	700	7.2	—	.8	—	—	—	—
	ADEQ	09-20-94	21.0	710	8.0	—	.7	—	—	—	—
Beaver Dam Wash 0.6 mile above mouth (S30)	ADEQ	11-25-93	15.5	730	8.1	—	1.2	—	—	—	—
	ADEQ	12-23-93	13.5	900	7.7	—	1.1	—	—	—	—
	ADEQ	01-27-94	18.0	780	7.6	—	1.0	—	—	—	—
	ADEQ	02-24-94	21.0	700	7.5	—	1.1	—	—	—	—
	ADEQ	03-31-94	23.0	570	7.5	—	.9	—	—	—	—
	ADEQ	06-07-94	21.0	690	7.5	—	.7	—	—	—	—
	ADEQ	07-27-94	26.0	690	7.5	—	.8	—	—	—	—
	ADEQ	09-20-94	20.5	720	7.0	—	.7	—	—	—	—
Beaver Dam Wash At Beaver Dam, Arizona, at Highway 91 bridge and USGS Gage 0.8 mile above mouth (S29)	USGS	04-14-93	20.0	660	8.2	.760	.7	—	—	270	74
	ADEQ	11-25-93	13.5	770	7.7	—	.7	—	—	—	—
	ADEQ	12-22-93	15.0	680	7.3	—	.6	—	—	—	—
	ADEQ	01-27-94	16.0	630	7.8	—	.5	—	—	—	—
	ADEQ	02-24-94	20.0	610	7.4	—	.6	—	—	—	—
	ADEQ	03-31-94	21.5	590	7.5	—	.4	—	—	—	—
	ADEQ	06-08-94	20.0	610	7.6	—	.3	—	—	—	—
	ADEQ	07-27-94	26.5	580	7.5	—	.4	—	—	—	—
Beaver Dam Wash below Welcome Creek, 6.5 miles above mouth (S23)	ADEQ	03-30-94	19.0	475	8.5	—	ND	—	—	—	—
	ADEQ	06-07-94	30.0	460	8.4	—	ND	—	—	—	—
	ADEQ	07-26-94	25.5	495	8.1	—	ND	—	—	—	—
	ADEQ	09-21-94	17.0	530	7.9	—	ND	—	—	—	—
Beaver Dam Wash near Welcome Creek, 6.9 miles above mouth (S22)	USGS	04-14-93	20.0	550	8.5	.390	.390	—	—	230	64
Beaver Dam Wash below Bull Valley Wash	USGS	08-28-81	22.0	610	7.8	.130	.130	.06	.020	280	77
Beaver Dam Wash below Motoqua, Utah, at road crossing, 30.5 miles above mouth (S11)	USGS	11-16-67	15.0	410	—	—	—	—	—	240	46
	USGS	08-18-81	24.5	690	7.8	.190	.190	.09	.030	280	74
	USGS	05-11-82	16.0	445	8.4	—	<.100	.03	.010	210	58
	USGS	04-02-93	15.0	430	8.6	—	—	—	—	—	—
Beaver Dam Wash about 2 miles above Motoqua, Utah, 32.6 miles above mouth (S8)	BLM	02-17-76	12.0	350	8.1	<.05	—	.005	—	159	42
	BLM	07-28-76	23.0	320	7.9	.037	—	.026	—	145	46
	BLM	10-20-76	—	360	9.0	.079	—	—	—	187	54
	BLM	02-18-77	—	380	8.0	.254	—	—	—	168	47
	BLM	08-15-78	22.0	540	—	.03	—	<.02	—	180	27
	BLM	06-04-80	19.0	620	8.5	.02	—	—	—	310	—
Beaver Dam Wash 5.5 miles above Motoqua, Utah, 36.5 miles above mouth (S3)	BLM	07-13-78	20.0	550	—	.10	—	<.02	—	181	33
	BLM	09-07-78	22.0	560	—	.04	—	<.02	—	171	31
	BLM	06-07-79	20.0	—	8.2	.03	—	—	—	296	93
	BLM	09-19-79	23.5	—	—	<.06	—	—	—	281	70
	BLM	12-07-79	12.0	—	—	<.17	—	<.07	—	213	78
	BLM	05-14-81	22.0	420	8.2	.13	—	—	—	195	—
Beaver Dam Wash at end of road north of Motoqua, Utah, 38 miles above mouth (S2)	USGS	08-18-81	24.0	375	8.0	.120	.120	.06	.020	190	54
	USGS	05-11-82	16.0	400	8.5	—	<.100	.03	.010	190	53
Beaver Dam Wash about 2.5 miles below Beaver Dam State Park, about 44 miles above mouth (S1)	BLM	08-10-76	17.5	345	7.8	.059	—	.010	—	163	45
Sheep Canyon Creek at Beaver Dam State Park	BLM	11-13-80	8.0	—	8.3	.05	—	—	—	119	—

Arizona—Continued

Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO ₄)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO ₂)	Boron, dissolved (µg/L as B)	Manganese, dissolved (µg/L as Mn)	Solids, sum of constituents, dissolved (mg/L)	Solids, dissolved (tons per acre-foot)	Alkalinity, lab (mg/L as CaCO ₃)
—	—	4.8	34	—	—	—	—	—	—	—	—
—	—	—	34	—	—	—	—	—	—	—	—
—	—	—	31	—	—	—	—	—	—	—	—
—	—	—	28	—	—	—	—	—	—	—	—
—	—	—	29	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	27	—	—	—	—	—	—	—	—
—	—	—	27	—	—	—	—	—	—	—	—
—	—	4.9	34	—	—	—	—	—	—	—	—
—	—	—	34	—	—	—	—	—	—	—	—
—	—	—	32	—	—	—	—	—	—	—	—
—	—	—	29	—	—	—	—	—	—	—	—
—	—	—	29	—	—	—	—	—	—	—	—
—	—	—	23	—	—	—	—	—	—	—	—
—	—	—	27	—	—	—	—	—	—	—	—
—	—	—	26	—	—	—	—	—	—	—	—
21	34	4.7	23	110	.60	37	70	64	418	.57	184
—	—	4.5	22	—	—	—	—	—	—	—	—
—	—	—	23	—	—	—	—	—	—	—	—
—	—	—	21	—	—	—	—	—	—	—	—
—	—	—	19	—	—	—	—	—	—	—	—
—	—	—	21	—	—	—	—	—	—	—	—
—	—	—	16	—	—	—	—	—	—	—	—
—	—	—	21	—	—	—	—	—	—	—	—
—	—	—	23	—	—	—	—	—	—	—	—
—	—	—	12	—	—	—	—	—	—	—	—
—	—	—	8.5	—	—	—	—	—	—	—	—
—	—	—	12	—	—	—	—	—	—	—	—
—	—	—	13	—	—	—	—	—	—	—	—
16	26	4.6	15	82	.50	35	60	3	355	.48	184
21	36	4.3	18	140	.70	37	60	—	455	.62	200
30	—	—	18	34	—	—	—	—	260	e	—
23	29	4.0	31	110	.50	38	50	—	424	.58	190
16	22	3.3	18	68	.60	31	30	—	319	.43	170
15	17	2.1	9.8	59	.30	29	40	15	276	.37	154
13	17	2.9	13	26	—	—	<.05	—	245	—	160
7.3	25	4.4	22	31	.62	46	—	.007	—	—	147
—	—	—	—	26	—	—	—	—	—	—	185
—	21	4.7	—	—	—	—	—	—	—	—	163
27	31	5.2	23	101	—	—	—	—	430	—	165
—	25	—	—	168	—	—	—	—	—	—	228
24	37	3.8	31	107	—	—	—	—	—	—	172
23	28	5.1	23	104	—	—	—	—	—	—	156
16	127	8.5	3	134	.547	—	—	<.01	—	—	188
—	26	8.0	1	92	—	—	—	.019	—	—	238
—	1	4.0	7	246	—	—	—	—	—	—	—
—	21	—	1	76	.54	—	—	—	—	—	—
14	26	4.7	2	81	.60	44	30	—	325	.44	130
13	21	3.6	1	59	.60	37	20	—	290	.39	150
12	21	3.9	2	14	.535	46	—	.015	—	—	171
—	—	—	—	—	—	—	—	—	—	—	249

Table 4. Chemical analyses of water from selected surface-water sites in the Beaver Dam Wash area, Utah, Nevada, and

Description	Analyzing agency	Date	Temperature water (°C)	Specific conductance (µS/cm)	pH, field (standard units)	Nitrogen, nitrate, total (mg/L as N)	Nitrogen, NO ₂ +NO ₃ , dissolved (mg/L as N)	Phosphate, ortho, dissolved (mg/L as PO ₄)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as CaCO ₃)	Calcium, dissolved (mg/L as Ca)
Beaver Dam Wash below Beaver Dam State Park	USGS	08-18-81	18.0	305	8.2	0.170	0.170	0.06	0.020	120	36
	USGS	05-07-82	19.0	270	8.4	—	<.100	.06	.020	170	55
East Fork of Beaver Dam Wash 1 mile below Goldstrike mine	BLM	02-18-76	14.0	475	8.5	.01	—	.05	—	206	54
East Fork of Beaver Dam Wash 1 mile above Goldstrike mine	BLM	02-18-76	12.0	460	8.4	<.05	—	.042	—	206	54
Bull Canyon at East Fork of Beaver Dam Wash (S9)	BLM	07-28-76	17.0	540	7.5	.048	—	.090	—	295	78

Arizona—Continued

Magne- sium, dis- solved (mg/L as Mg)	Sodium, dis- solved (mg/L as Na)	Potas- sium, dis- solved (mg/L as K)	Chlo- ride, dis- solved (mg/L as Cl)	Sulfate, dis- solved (mg/L as SO ₄)	Fluo- ride, dis- solved (mg/L as F)	Silica, dis- solved (mg/L as SiO ₂)	Boron, dis- solved (µg/L as B)	Manga- nese, dis- solved (µg/L as Mn)	Solids, sum of consti- tuents, dis- solved (mg/L)	Solids, dis- solved (tons per acre-foot)	Alka- linity, lab (mg/L as CaCO ₃)
6.5	19	5.8	15	<5.0	.50	54	30	—	218	0.30	130
7.6	19	5.0	10	6.0	.50	42	30	—	223	.30	130
17	28	1.6	23	31	—	—	.1	—	—	—	232
17	29	1.3	2	17	—	—	<.05	—	—	—	246
24	42	1.1	3	11	.32	52	—	.10	—	—	3,310

Table 5. Discharge, temperature, and specific conductance of water from selected surface-water and spring sites in the Beaver Dam Wash area, Utah and Arizona

[—, no data]

Surface-water or spring site number: See plate 1 for location of site.

Location: See figure 1 for explanation of numbering systems used for hydrologic-data sites. Listed in downstream order.

Data Source: BLM, Bureau of Land Management; USGS, U.S. Geological Survey; ADEQ, Arizona Department of Environmental Quality.

Discharge: ft³/s, cubic feet per second; e, estimated; all data rounded to U.S. Geological Survey standards.

Specific conductance: μS/cm, microsiemens per centimeter at 25 degrees Celsius; all data rounded to U.S. Geological Survey standards.

Temperature: °C, degrees Celsius.

Surface-water or spring site number	Location	Description	Data source	Date	Discharge (ft ³ /s)	Specific conductance (μS/cm)	Temperature (°C)
S1	(C-38-20)25aaa	Beaver Dam Wash about 2.5 miles below Beaver Dam State Park, about 44 miles above mouth	BLM	08-10-1976	2.0	345	17.5
S2	(C-39-19)7bac	Beaver Dam Wash, at end of road north of Motoqua, Utah, 38 miles above mouth	USGS	10-20-1993	4.78	530	9.0
S3	18ddb	Beaver Dam Wash 5.5 miles above Motoqua, Utah, 36.5 miles above mouth	BLM	08-15-1978	8.2	—	23.0
			BLM	09-07-1978	3.4	560	22.0
			BLM	05-14-1981	4.6	420	22.0
			BLM	04-12-1990	4.93	—	—
			BLM	05-16-1990	3.98	—	—
			BLM	06-20-1990	1.73	—	—
			BLM	07-17-1990	2.30	—	—
			BLM	08-28-1990	1.37	—	—
			BLM	09-17-1990	1.78	—	—
			BLM	10-24-1990	4.11	—	—
			BLM	11-21-1990	4.73	—	—
			BLM	12-21-1990	2.42	—	—
			BLM	01-17-1991	5.51	—	—
			BLM	12-21-1990	2.42	—	—
			BLM	02-22-1991	4.74	—	—
			BLM	03-22-1991	16.2	—	—
			BLM	03-27-1991	19.7	—	—
BLM	05-10-1991	5.40	—	—			
BLM	06-21-1991	1.91	—	—			
BLM	07-16-1991	.82	—	—			
BLM	08-13-1991	1.09	—	—			
BLM	09-09-1991	2.55	—	—			
S4	20cbd	Slaughter Creek, 36.4 miles above mouth	USGS	10-20-1993	.25	680	9.0
S5	29bad	Beaver Dam Wash upstream of houses, 34.9 miles above mouth	USGS	08-04-1993	2.92	—	20.5
			USGS	10-20-1993	5.04	570	13.0
S6	29dcc	Tributary to Beaver Dam Wash, 34.2 miles above mouth	USGS	10-20-1993	.02	—	—
S7	32caa	Cain Spring inflow, 33.6 miles above mouth	USGS	08-04-1993	.64	—	23.0
			USGS	10-20-1993	.72	630	22.0
S8	(C-40-19)5ddb	Beaver Dam Wash about 2 miles above Motoqua, Utah, 32.6 miles above mouth	BLM	07-28-1976	3.0	320	23.0
			BLM	08-15-1978	6.7	540	22.0

Table 5. Discharge, temperature, and specific conductance of water from selected surface-water and spring sites in the Beaver Dam Wash area, Utah and Arizona—Continued

Surface-water or spring site number	Location	Description	Data source	Date	Discharge (ft ³ /s)	Specific conductance (μS/cm)	Temperature (°C)
S9	(C-39-18)9adb	Bull Canyon on East Fork of Beaver Dam Wash	BLM	07-28-1976	0.1	540	17.0
S10	(C-40-19)17acb	East Fork of Beaver Dam Wash above confluence with Beaver Dam Wash, 30.6 miles above mouth	USGS	02-22-1967	0		
			USGS	08-28-1981	0		
			USGS	05-11-1982	0		
			USGS	04-02-1993	25.9	430	15
			USGS	05-18-1993	2.89	560	24.5
			USGS	06-02-1993	.93	590	14.5
			USGS	08-04-1993	1.61	—	23
S11	17bdd	Beaver Dam Wash below Motoqua, Utah, at road crossing, 30.5 miles above mouth	USGS	08-18-1981	2.0	690	24.5
			USGS	05-11-1982	2.0	445	16.0
			BLM	04-12-1990	2.98	—	—
			BLM	05-16-1990	1.39	—	—
			BLM	06-20-1990	.42	—	—
			BLM	07-17-1990	0	—	—
			BLM	08-28-1990	0	—	—
			BLM	09-17-1990	0	—	—
			BLM	10-24-1990	0	—	—
			BLM	11-21-1990	0	—	—
			BLM	12-21-1990	.79	—	—
			BLM	01-17-1991	2.38	—	—
			BLM	02-22-1991	1.69	—	—
			BLM	03-22-1991	27.4	—	—
			BLM	03-27-1991	27.5	—	—
			BLM	05-10-1991	2.49	—	—
			BLM	06-21-1991	1.57	—	—
			BLM	07-16-1991	.16	—	—
			USGS	04-02-1993	161	—	—
			USGS	04-14-1993	94.7	—	10.5
USGS	04-16-1993	83.9	—	9.5			
USGS	05-18-1993	26.3	—	21.5			
USGS	06-02-1993	17.8	640	14.5			
USGS	08-04-1993	2.70	—	18			
USGS	10-20-1993	7.20	680	19.0			
S12	19aba	Beaver Dam Wash upstream of Bentley Spring, 29.0 miles above mouth	USGS	10-20-1993	5.85	630	—
S13	29aac	Beaver Dam Wash downstream of Bentley Spring, 28.5 miles above mouth	USGS	08-18-1993	2.39	580	18
			USGS	10-20-1993	6.70	630	—
S14	(C-41-19)17baa	Beaver Dam Wash west of Jackson Wash well, (C-41-19)17bdd-1, 25.1 miles above mouth	USGS	04-14-1993	79.8	—	—
			USGS	04-16-1993	64.1	—	13
—	17bdd	Spring near Beaver Dam Wash and Jackson Wash confluence	USGS	04-16-1993	4.00	—	17
			USGS	05-18-1993	3.35	—	16
			USGS	08-18-1993	1.16	460	19
			USGS	10-20-1993	.76	500	14
			USGS	11-23-1993	.91	—	14

Table 5. Discharge, temperature, and specific conductance of water from selected surface-water and spring sites in the Beaver Dam Wash area, Utah and Arizona—Continued

Surface-water or spring site number	Location	Description	Data source	Date	Discharge (ft ³ /s)	Specific conductance (μS/cm)	Temperature (°C)
S15	(C-41-19) 17cdb	Beaver Dam Wash below confluence with spring, 24.1 miles above mouth	USGS	10-20-1993	1.78	540	15.0
S16	(C-42-19) 6bdc	Beaver Dam Wash at Lytle Ranch at south boundary fence, 19.8 miles above mouth	BLM	05-16-1990	5.71	—	—
			BLM	07-17-1990	1.90	—	—
			BLM	08-28-1990	2.72	—	—
			BLM	09-17-1990	1.85	—	—
			BLM	10-24-1990	2.13	—	—
			BLM	11-21-1990	3.39	—	—
			BLM	01-17-1991	3.03	—	—
			BLM	03-27-1991	3.11	—	—
			BLM	05-10-1991	2.45	—	—
			BLM	06-21-1991	1.61	—	—
			BLM	07-16-1991	1.24	—	—
			USGS	03-09-1993	289.0	—	14.5
			USGS	03-13-1993	230.0	450	12
			USGS	04-14-1993	81.7	—	15.5
			USGS	04-16-1993	77.0	—	18.5
			USGS	04-27-1993	53.3	—	7
USGS	05-31-1993	11.9	—	18			
USGS	08-03-1993	7.00	—	24.5			
USGS	10-10-1993	5.44	—	22.5			
USGS	10-20-1993	6.41	—	17.0			
USGS	11-11-1993	8.10	—	14			
S17	6cac	Lytle Ranch diversion from Beaver Dam Wash, 19.8 miles above mouth	USGS	10-10-1993	.83	—	22.5
			USGS	10-20-1993	.83	—	—
		Beaver Dam Wash below Bull Valley Wash	USGS	08-28-1981	3.4	610	22.0
			USGS	05-11-1982	0	—	—
S18	(C-42-20) 13aab	Diversion from Beaver Dam Wash, 18.4 miles above mouth	USGS	10-21-1993	1.19	—	12.5
S19	13aab	Beaver Dam Wash at Lytle Ranch, 18.4 miles above mouth	BLM	11-16-1992	—	305	—
			USGS	02-08-1993	253	360	10
			USGS	10-21-1993	5.39	—	12.5
S20	36add	Beaver Dam Wash, 14.8 miles above mouth	USGS	02-08-1993	33.7	—	—
			USGS	03-09-1993	248	—	14.5
			USGS	04-14-1993	68.7	530	14.0
			USGS	04-16-1993	59.6	520	13.0
			USGS	10-21-1993	1.31	—	15.0
S21	(C-43-19) 20cbb	Beaver Dam Wash west of Beaver Dam Well, (C-43-19)20bdc-1, 10.5 miles above mouth	USGS	04-14-1993	23.9	550	22.5
			USGS	04-16-1993	18.9	540	19.5
			USGS	10-21-1993	0	—	—
S22	(B-41-16) 1ccb	Beaver Dam Wash near Welcome Creek, 6.9 miles above mouth	USGS	04-14-1993	23.6	550	20.0
			USGS	04-16-1993	20.2	560	26.5
			USGS	05-15-1993	13.5	—	—
			USGS	10-21-1993	3.59	520	20.0
			USGS	03-30-1994	3.15	475	19
			USGS	06-07-1994	1.63	460	30
			USGS	07-26-1994	.76	495	25.5
			USGS	09-21-1994	.60	530	17

Table 5. Discharge, temperature, and specific conductance of water from selected surface-water and spring sites in the Beaver Dam Wash area, Utah and Arizona—Continued

Surface-water or spring site number	Location	Description	Data source	Date	Discharge (ft ³ /s)	Specific conductance (μS/cm)	Temperature (°C)
S23	(B-41-16) 12bac	Beaver Dam Wash below Welcome Creek, 6.5 miles above mouth	USGS	10-21-1993	1.94	540	20
S24	12daa	Beaver Dam Wash below Welcome Creek, 5.9 miles above mouth	USGS	10-21-1993	0	—	—
S25	(B-41-15) 32ddd	Beaver Dam Wash about 0.3 mile upstream of Highway 91 bridge	USGS	10-21-1993	0	—	—
S26	32dddS1	Beaver Dam Wash at spring 0.3 mile upstream of Highway 91 bridge	ADEQ	11-24-1993	—	670	13.5
			ADEQ	12-21-1993	.1	640	13
			ADEQ	01-25-1994	.1	620	13
			ADEQ	02-23-1994	.1	580	19
			ADEQ	03-30-1994	.03	550	21
			ADEQ	06-07-1994	.1	630	21
S27	32dddS2	Beaver Dam Wash at spring 0.3 mile upstream of Highway 91 bridge	ADEQ	11-24-1993	.1	700	12
			ADEQ	12-21-1993	.1	740	8
			ADEQ	01-25-1994	.1	700	11
			ADEQ	02-23-1994	.2	630	18
			ADEQ	03-30-1994	.1	590	21
			ADEQ	06-07-1994	.1	640	22.5
S28	32dddS3	Beaver Dam Wash at spring 0.3 mile upstream of Highway 91 bridge	ADEQ	11-24-1993	—	740	13.5
			ADEQ	12-21-1993	.1	700	10
			ADEQ	01-25-1994	.1	670	12.5
			ADEQ	02-23-1994	.1	580	21
			ADEQ	03-30-1994	.2	580	22.5
			ADEQ	06-07-1994	.1	600	22
S29	(B-40-15) 5aab	Beaver Dam Wash at Beaver Dam, Arizona, at Highway 91 bridge and USGS gage, 0.8 mile above mouth	USGS	12-19-1992	.30	—	—
			USGS	01-12-1993	2.00	—	—
			USGS	01-15-1993	211	—	—
			USGS	01-18-1993	2,160	—	—
			USGS	01-24-1993	2.50	—	—
			USGS	02-05-1993	3.37	—	—
			USGS	02-08-1993	1.53	640	15.5
			USGS	02-12-1993	3.87	—	—
			USGS	02-20-1993	581	—	—
			USGS	02-24-1993	9.10	—	—
			USGS	03-31-1993	59.3	—	—
			USGS	04-14-1993	3.43	660	18.0
			USGS	04-16-1993	3.09	660	22.0
			USGS	04-28-1993	2.89	—	—
			USGS	05-26-1993	2.54	—	—
			USGS	06-01-1993	2.03	640	24.5
			USGS	07-20-1993	2.00	—	—
			USGS	08-02-1993	1.81	—	22.5
			USGS	08-25-1993	2.11	—	—
			USGS	10-05-1993	2.54	—	—
USGS	10-21-1993	2.88	650	18			
USGS	11-23-1993	2.87	—	—			
ADEQ	11-25-1993	2.84	770	13.5			
ADEQ	12-22-1993	2.91	680	15			

Table 5. Discharge, temperature, and specific conductance of water from selected surface-water and spring sites in the Beaver Dam Wash area, Utah and Arizona—Continued

Surface-water or spring site number	Location	Description	Data source	Date	Discharge (ft ³ /s)	Specific conductance (μS/cm)	Temperature (°C)
S29	(B-40-15) 5aab—Continued		USGS	01-05-1994	3.19	—	—
			ADEQ	01-27-1994	3.34	630	16
			USGS	02-22-1994	3.00	—	—
			ADEQ	02-24-1994	3.85	610	20
			USGS	03-22-1994	3.05	—	—
			ADEQ	03-31-1994	3.01	590	21.5
			USGS	04-19-1994	3.04	—	—
			USGS	05-19-1994	2.75	—	—
			ADEQ	06-08-1994	2.86	610	20
			USGS	06-28-1994	2.78	—	—
			ADEQ	07-27-1994	2.20	580	26.5
			USGS	08-09-1994	2.21	—	—
			ADEQ	09-19-1994	2.08	650	22.5
			USGS	10-06-1994	2.68	—	—
USGS	03-12-1995	13,200 e	—	—			
—	5aad	Beaver Dam Wash 0.8 mile above mouth	USGS	07-02-1957	.37	—	—
			USGS	06-30-1958	.0	—	—
			USGS	02-22-1967	.0	—	—
S30	5ada	Beaver Dam Wash 0.6 mile above mouth	ADEQ	11-25-1993	8.31	730	15.5
			ADEQ	12-23-1993	8.59	900	13.5
			ADEQ	01-27-1994	9.62	780	18
			ADEQ	02-24-1994	9.06	700	21
			ADEQ	03-31-1994	9.37	570	23
			ADEQ	06-07-1994	8.25	690	21
			ADEQ	07-29-1994	7.22	690	26
			ADEQ	09-20-1994	7.93	720	20.5
S31	5add	Beaver Dam Wash 0.5 mile above mouth	ADEQ	11-25-1993	9.63	870	15
			ADEQ	12-22-1993	—	890	15
			ADEQ	01-27-1994	9.44	790	18
			ADEQ	02-24-1994	10.4	720	22
			ADEQ	03-31-1994	8.99	650	23
			ADEQ	06-08-1994	8.65	690	21
			ADEQ	09-20-1994	8.17	710	21
S32	4bdd	Beaver Dam Wash at mouth, near Beaver Dam	USGS	07-03-1946	4.02	—	—
			USGS	07-02-1947	3.69	—	—
			USGS	06-30-1949	4.15	—	—
			USGS	06-01-1950	3.03	—	—
			USGS	07-01-1950	2.26	—	—
			USGS	07-01-1951	3.25	—	—
			USGS	07-01-1952	4.81	—	—
			USGS	06-17-1953	3.48	—	—
			USGS	06-18-1954	5.55	—	—
			USGS	06-16-1955	3.39	—	—
			USGS	07-02-1957	2.82	—	—
			USGS	06-30-1958	.74	—	—
			USGS	02-22-1967	2.89	—	—
			USGS	02-08-1968	2.72	—	—
			USGS	08-28-1981	3.7	980	21.5
			USGS	10-21-1981	5.9	770	17.5
USGS	02-10-1982	5.0	800	17.5			

Table 5. Discharge, temperature, and specific conductance of water from selected surface-water and spring sites in the Beaver Dam Wash area, Utah and Arizona—Continued

Surface-water or spring site number	Location	Description	Data source	Date	Discharge (ft ³ /s)	Specific conductance (μS/cm)	Temperature (°C)
S32	(B-40-15) 4bdd—Continued		USGS	05-10-1982	4.0	750	20.0
			USGS	09-03-1982	5.2	840	21.5
			BLM	03-02-1990	8.36	—	—
			BLM	04-26-1990	9.50	720	20.0
			BLM	05-16-1990	7.88	720	20.5
			BLM	06-27-1990	5.91	700	22.0
			BLM	07-31-1990	7.33	700	21.0
			BLM	08-29-1990	6.60	720	22.0
			BLM	09-17-1990	6.11	740	23.0
			BLM	10-22-1990	5.66	700	20.0
			BLM	11-21-1990	6.63	710	19
			BLM	01-24-1991	8.32	660	18
			BLM	02-21-1991	7.83	670	18.5
			BLM	03-25-1991	10.1	640	17.5
			BLM	05-14-1991	8.00	570	20
			BLM	06-14-1991	6.94	630	—
			BLM	07-15-1991	6.22	650	18.5
			BLM	08-15-1991	5.72	700	23
			BLM	09-12-1991	5.60	690	21
			BLM	09-13-1991	5.59	—	—
			BLM	10-16-1991	7.30	740	22
			BLM	11-15-1991	7.36	590	18
			BLM	12-16-1991	8.89	640	20
			BLM	01-16-1992	9.20	610	—
			BLM	02-14-1992	9.95	580	20.5
			BLM	03-13-1992	8.86	680	24.5
			BLM	04-15-1992	9.00	680	24.5
			BLM	05-15-1992	6.82	730	26.5
			BLM	06-17-1992	6.44	580	25.5
			BLM	07-15-1992	7.50	540	27.0
			BLM	08-17-1992	4.91	620	26.0
			BLM	09-25-1992	5.26	580	24.0
			BLM	10-15-1992	4.49	580	24.0
			BLM	11-24-1992	7.70	600	19.5
			BLM	12-15-1992	7.70	660	17.0
			BLM	01-14-1993	10.3	540	18.5
			BLM	02-09-1993	9.53	620	17.0
			BLM	03-16-1993	29.1	500	18.5
			USGS	04-14-1993	10.0	750	17.5
			USGS	04-16-1993	9.26	770	19.5
			BLM	04-20-1993	9.09	730	22.5
			USGS	04-28-1993	9.40	—	—
			BLM	05-17-1993	8.64	740	25.5
			USGS	06-01-1993	7.74	780	24.5
			BLM	06-21-1993	6.83	560	24.5
			BLM	07-15-1993	8.38	1,280	25.5
			USGS	08-02-1993	6.84	—	21.0
			BLM	08-19-1993	8.14	780	25.5
			BLM	09-01-1993	9.98	—	—
			BLM	09-08-1993	8.64	—	—
			BLM	09-14-1993	7.35	790	25.5
	BLM	10-15-1993	9.09	910	22.5		
	USGS	10-21-1993	8.77	860	19		
	BLM	11-22-1993	10.5	990	17		
	USGS	11-23-1993	8.62	—	18.5		

Table 5. Discharge, temperature, and specific conductance of water from selected surface-water and spring sites in the Beaver Dam Wash area, Utah and Arizona—Continued

Surface-water or spring site number	Location	Description	Data source	Date	Discharge (ft ³ /s)	Specific conductance (μS/cm)	Temperature (°C)
S32	(B-40-15)4bdd—Continued		BLM	12-16-1993	8.76	810	17
			ADEQ	12-20-1993	9.89	900	13.5
			USGS	01-05-1994	8.94	—	17
			BLM	01-18-1994	10.6	830	18
			ADEQ	01-26-1994	10.2	860	6
			BLM	02-15-1994	10.8	1,010	19
			ADEQ	02-22-1994	11.8	780	20
			BLM	03-21-1994	10.6	1,080	21.0
			ADEQ	03-29-1994	8.32	750	25
			BLM	04-19-1994	8.61	860	22.5
			BLM	05-13-1994	8.34	1,000	23.5
			ADEQ	06-07-1994	9.38	790	23
			BLM	06-17-1994	8.73	620	24.5
			USGS	06-28-1994	7.28	—	—
			BLM	07-15-1994	7.18	760	24.5
			BLM	09-16-1994	6.62	710	23
			ADEQ	07-27-1994	8.05	710	24.5
			USGS	08-09-1994	8.52	—	—
			BLM	08-24-1994	6.23	730	24.5
			ADEQ	09-19-1994	11.6	730	23
			USGS	10-06-1994	6.58	—	—
			BLM	10-13-1994	7.05	690	20.5
			BLM	11-21-1994	10.8	710	17
			BLM	12-15-1994	10.9	760	18
			BLM	01-19-1995	11.3	970	18
			BLM	02-17-1995	13.6	700	20
			BLM	03-20-1995	16.6	700	23
			BLM	04-25-1995	11.6	650	23
			BLM	05-25-1995	9.14	710	23
			BLM	06-23-1995	8.05	680	26
			BLM	07-13-1995	7.28	540	26
			BLM	08-22-1995	8.33	810	23
	BLM	09-15-1995	8.61	690	24		
	BLM	10-17-1995	8.31	660	21		
	BLM	12-01-1995	9.26	660	18		
	BLM	12-12-1995	10.8	700	18		

Table 6. Daily mean discharge and monthly statistical summary of discharge from Beaver Dam Wash at Beaver Dam, Arizona, water years 1993-94

[Discharge in cubic feet per second; —, no data; e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Water year 1993												
1	—	—	—	—	—	5.9	44	2.8	2.1	3.5	2.6	1.2
2	—	—	—	—	—	5.5	38	2.9	1.3	3.5	2.5	1.1
3	—	—	—	—	—	5.8	29	3.0	1.2	3.1	1.8	.79
4	—	—	—	—	—	4.7	22	3.3	1.3	3.2	2.0	.80
5	—	—	—	—	—	2.8	20	3.2	1.8	3.0	2.0	.78
6	—	—	—	—	2.5	2.6	19	3.5	1.8	3.0	3.1	.76
7	—	—	—	—	1.8	5.7	11	3.4	1.7	2.8	4.8	.82
8	—	—	—	—	12	6.1	7.9	3.3	1.6	2.0	4.7	.89
9	—	—	—	—	1,730	5.3	7.0	3.2	2.0	2.0	3.4	.92
10	—	—	—	—	786	6.6	6.5	3.4	2.0	2.4	3.4	.93
11	—	—	—	—	22	6.5	6.4	3.5	2.3	1.9	2.5	.95
12	—	—	—	—	3.6	9.1	5.7	3.2	2.3	1.8	2.5	.92
13	—	—	—	—	3.2	6.5	3.8	2.9	2.4	1.9	2.4	.89
14	—	—	—	—	2.2	4.8	3.2	3.0	2.8	1.8	2.3	.92
15	—	—	—	—	.52	4.5	3.4	3.1	2.6	2.0	2.4	1.0
16	—	—	—	—	.25	4.2	3.3	3.2	2.8	2.2	2.3	1.1
17	—	—	—	—	.13	5.2	3.7	3.2	1.7	2.5	2.3	1.1
18	—	—	—	—	.11	17	4.0	3.0	2.0	2.1	2.3	1.1
19	—	—	—	—	308	31	3.8	3.0	2.4	2.1	2.2	1.2
20	—	—	—	—	1,020	27	3.5	3.0	2.4	1.8	2.3	1.2
21	—	—	—	—	53	20	3.8	2.9	2.6	2.0	2.5	1.1
22	—	—	—	—	9.8	23	4.0	2.9	2.6	2.7	2.6	1.0
23	—	—	—	—	5.4	21	3.7	2.7	2.5	3.4	2.5	1.0
24	—	—	—	—	7.0	23	3.3	2.6	2.8	3.2	2.2	1.0
25	—	—	—	—	7.6	30	3.4	2.8	2.5	3.3	2.0e	1.1
26	—	—	—	—	5.6	101	3.9	2.3	2.9	3.0	10 e	.97
27	—	—	—	—	9.5	159	3.4	2.1	3.1	2.8	2.0e	1.0
28	—	—	—	—	8.0	163	2.7	2.1	3.0	2.7	1.8e	1.3
29	—	—	—	—	—	107	2.8	2.1	3.5	3.7	1.5e	2.4
30	—	—	—	—	—	65	3.0	2.2	3.4	3.3	2.9	3.0
31	—	—	—	—	—	55	—	2.4	—	2.6	1.3	—
Total	—	—	—	—	—	933.8	279.2	90.2	69.4	81.3	85.1	33.24
Mean	—	—	—	—	—	30	9	2.6	2.3	2.6	3	1.1
Maximum	—	—	—	—	—	163	44	3.5	3.5	3.7	10	3.0
Minimum	—	—	—	—	—	2.6	2.7	2.1	1.2	1.8	1.3	.76
Total, in acre-feet	—	—	—	—	—	1,850	554	179	138	161	169	66

Table 6. Daily mean discharge and monthly statistical summary of discharge from Beaver Dam Wash at Beaver Dam, Arizona, water years 1993-94—Continued

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Water year 1994												
1	3.7	2.8	2.3	2.9	2.2	2.6	2.6	2.0	2.0	—	—	—
2	3.4	2.7	2.4	2.9	2.2	2.6	2.5	1.8	2.0	—	—	—
3	3.5	2.7	2.7	2.9	2.2	2.8	2.5	1.7	2.0	—	—	—
4	3.6	2.9	2.7	3.1	2.3	2.5	2.4	1.7	2.1	—	—	—
5	3.0	2.9	2.5	3.1	2.5	1.9	2.3	1.7	2.1	—	—	—
6	2.9	3.1	2.9	3.2	2.6	1.9	2.2	1.7	2.2	—	—	—
7	3.6	3.3	3.2	3.3	2.7	2.1	2.3	1.8	1.9	—	—	—
8	3.2	3.3	3.0	3.5	2.6	2.1	2.4	1.9	1.9	—	—	—
9	3.3	3.5	2.5	3.2	2.5	1.9	2.3	2.0	1.9	—	—	—
10	3.2	2.7	2.1	3.2	2.5	1.4	2.2	1.9	2.0	—	—	—
11	2.6	2.7	1.7	3.2	2.5	1.8	2.3	2.0	2.1	—	—	—
12	2.5	2.7	2.0	3.2	2.6	1.9	2.4	1.9	2.2	—	—	—
13	2.5	2.8	2.2	3.3	2.7	1.7	2.4	1.9	2.2	—	—	—
14	2.7	2.9	2.2	3.3	2.7	1.5	2.3	1.9	2.3	—	—	—
15	2.8	2.9	2.4	3.2	2.5	1.7	2.4	1.9	2.1	—	—	—
16	2.8	3.0	2.3	3.0	2.4	1.6	2.3	1.8	2.0	—	—	—
17	2.8	3.3	2.3	3.0	2.5	1.7	2.3	1.8	2.1	—	—	—
18	2.9	11	2.6	3.0	2.5	1.9	2.5	1.9	2.1	—	—	—
19	2.8	3.2	2.7	2.8	2.4	2.2	2.5	2.5	1.9	—	—	—
20	2.8	2.9	2.8	2.1	2.1	2.1	2.4	2.4	2.1	—	—	—
21	2.8	2.8	2.7	2.3	2.4	2.2	2.2	2.3	2.1	—	—	—
22	2.8	2.7	2.8	2.1	2.4	2.0	2.1	2.2	2.1	—	—	—
23	2.8	2.2	2.8	2.1	2.7	1.8	2.2	2.3	2.3	—	—	—
24	2.7	2.1	3.1	2.1	2.6	1.8	2.1	2.2	2.2	—	—	—
25	2.4	2.1	3.2	2.2	2.0	2.0	1.9	2.3	2.2	—	—	—
26	2.4	2.1	2.6	2.2	2.3	2.0	2.0	2.2	2.3	—	—	—
27	2.7	2.1	2.6	2.3	2.4	2.2	1.9	2.3	2.2	—	—	—
28	2.7	2.4	2.7	2.3	2.4	2.4	1.9	2.2	2.2	—	—	—
29	2.8	—	2.7	2.4	2.6	2.4	1.9	2.3	2.4	—	—	—
30	2.8	—	2.8	2.3	2.7	2.5	1.9	2.1	2.5	—	—	—
31	2.8	—	2.8	—	2.4	—	2.0	2.0	—	—	—	—
Total	90.3	85.8	80.3	83.7	76.1	61.2	69.6	62.6	63.7	—	—	—
Mean	2.9	3	2.6	2.8	2.4	2.0	2.2	2.0	2.1	—	—	—
Maximum	3.7	11	3.2	3.5	2.7	2.8	2.6	2.5	2.5	—	—	—
Minimum	2.4	2.1	1.7	2.1	2.0	1.4	1.9	1.7	1.9	—	—	—
Total, in acre-feet	179	170	159	166	151	121	138	124	126	—	—	—

Table 7. Daily mean discharge and monthly statistical summary of discharge from Beaver Dam Wash near Enterprise, Utah, water years 1992-95

[Discharge in cubic feet per second; e, estimated; —, no data]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Water year 1992												
1	2.0 e	3.0 e	2.5 e	2.3	4.8	21	74	6.0	3.8	0.50	0.69	1.7
2	2.0 e	3.0 e	2.5 e	3.0	4.8	23	59	6.1	3.7	.50	.93	1.5
3	2.0 e	3.0 e	2.2 e	3.0	4.8	161	42	5.1	3.0	.53	.82	1.3
4	2.0 e	3.0 e	2.2 e	3.0	4.8	189	41	5.3	2.6	.66	.76	1.4
5	2.0 e	3.0 e	2.2 e	3.1	4.8	67	39	11	2.7	.66	.83	1.5
6	2.0 e	2.7 e	2.2 e	6.2	4.8	44	37	11	2.1 e	.69	2.0	1.5
7	2.0 e	2.7 e	2.2 e	6.7	5.0	57	35	8.6	1.0	.67	7.3 e	1.4
8	2.0 e	2.7 e	2.2 e	6.7	6.3	56	31	7.0	1.9	.81	3.6	1.4
9	2.0 e	2.7 e	2.2 e	6.7	6.9	54	29	6.3	2.1	.87	1.9	1.5
10	2.0 e	2.5 e	2.5 e	5.7	15	66	26	5.6	1.6	1.1	1.2	1.7
11	2.0 e	2.5 e	2.5 e	3.6	70	59	22	6.0	1.5	1.3	1.3	1.7
12	2.0 e	2.5 e	2.5 e	3.5	115	46	21	6.0	1.5	1.2	1.0	2.1
13	2.0 e	2.5 e	2.5 e	3.5	146	38	19	5.0	1.2	2.7	.59	1.6
14	2.0 e	2.5 e	2.5 e	3.2	49	36	14	4.4	1.4	2.6	.53	1.3
15	2.0 e	3.0 e	2.5 e	3.2	31	33	12	4.1	1.8	1.8	.79	1.3
16	2.0 e	3.0 e	2.5 e	3.5 e	24	30	12	3.7	1.9	1.1	1.0	1.6
17	2.0 e	3.0 e	2.5 e	3.2	19	28	13	3.7	1.6	1.3	1.0	1.7
18	2.0 e	3.0 e	2.1	3.5	16	24	13	2.8	1.0	1.4	1.1	1.7
19	2.0 e	3.0 e	2.3	3.5	16	20	11	2.9	1.0	1.4	.96	1.8
20	2.0 e	3.0 e	2.5	4.6	16	17	9.6	3.0	1.4	1.0	.88	1.2
21	2.0 e	2.5 e	2.5	4.0	19	24	9.5	3.1	2.0	.78	1.0	1.2
22	2.0 e	2.5 e	2.5	3.9	27	41	9.1	3.9	1.8	.63	.81	1.4
23	2.5 e	2.5 e	2.5	3.9	32	1,100	8.2	4.4	1.5 e	.64	.66	1.6
24	3.0 e	2.5 e	2.5	4.1	24	87	8.1	4.7	.91	.53	.85	2.0
25	3.0 e	2.5 e	2.5	4.1	19	60	7.5	4.1	.97	.40	1.3	2.1
26	3.0 e	2.5 e	2.5	4.1	21	42	3.7	4.3	1.1	.46	1.9	2.0
27	3.5 e	2.5 e	2.5	4.1	19	57	3.4	3.9	1.3 e	.53	1.9	1.2
28	3.5 e	2.5 e	2.5	4.2	20	94	5.1	2.5	.53e	.68	1.8	1.3
29	3.5 e	2.5 e	2.5	4.2	20	77	6.2	3.4	.36	.69	1.6	1.5
30	3.5 e	2.5 e	2.8	4.3	—	69	5.5	3.8	.37	.59	1.4	1.2
31	3.0 e	—	2.7	4.8	—	69	—	3.7	—	.59	1.9	—
Total	72.5	81.3	75.3	127.4	765.0	1,799	625.9	155.4	49.64	29.31	44.30	46.4
Mean	2.3	2.7	2.4	4.1	26	58	21	5.0	1.6	1.0	1.4	1.6
Maximum	3.5	3.0	2.8	6.7	146	189	74	11	3.8	2.7	7.3	2.1
Minimum	2.0	2.5	2.1	2.3	4.8	17	3.4	2.5	.36	.40	.53	1.2
Total, in acre-feet	144	161	149	253	1,520	3,570	1,240	308	98	58	88	92

Table 7. Daily mean discharge and monthly statistical summary of discharge from Beaver Dam Wash near Enterprise, Utah, water years 1992-95—Continued

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Water year 1993												
1	0.76	3.6	3.0	6.6	6.1	70	67	13	4.6	1.8	0.86	1.8
2	.53	3.0	3.0	6.8	5.9	72	68	12	4.5	2.0	.79	1.7
3	.61	2.9	3.0	6.4	5.8	71	53	12	3.7	1.8	1.0	1.6
4	.89	2.7	3.0	4.8	5.3	74	49	11	4.1	1.8	1.2	1.3
5	2.0	2.7	3.0	4.5	5.3	78	49	11	4.5	1.6	.79	1.2
6	2.4	2.7	3.5	4.4	5.3	108	50	11	6.0	1.6	1.6	.79
7	2.4	2.8	4.0	5.6	5.4	159	41	10	7.5	1.7	1.8	.55
8	1.9	3.7	4.1	35	309	172	37	9.8	7.9	1.2	1.6	.79
9	1.7	3.8	4.1	18	316	200	37	9.4	7.2	1.2	1.4	.72
10	1.7	3.6	3.9	20	66	202	37	8.6	6.2	1.4	1.7	.79
11	2.1	3.2	3.5	18	23	222	35	8.6	5.8	1.4	1.8	.79
12	2.1	3.2	4.3	14	17	172	34	8.6	4.8	1.5	1.8	.79
13	2.1	3.2	3.3	13	13	88	28	8.6	4.0	1.6	1.6	.86
14	1.9	3.2	2.8	141	10	89	26	8.1	4.4	1.6	1.6	.86
15	1.7	3.0	2.7	76	9.0	112	24	7.9	4.3	1.4	1.2	.93
16	1.6	1.9	2.8	118	7.7	157	23	7.3	4.4	1.4	1.2	1.1
17	1.8	2.2	2.6	287	6.7	232	23	7.7	4.3	1.4	1.2	1.5
18	1.3	2.4	2.6	683	6.3	295	23	7.8	4.2	1.0	1.2	1.2
19	.91	2.7	2.9	92	542	136	23	7.4	4.3	1.2	.66	1.2
20	.82	2.7	2.5	31	939	100	21	7.0	3.9	1.4	.45	1.0
21	.99	2.7	2.6	16	262	104	20	7.0	3.9	1.2	.86	1.1
22	1.3	2.9	2.9	22	153	107	20	6.9	3.6	.60	.45	1.3
23	1.5	3.0	2.7	23	114	94	21	6.2	3.6	.86	.36	1.3
24	2.4	3.0	2.6	11	98	114	18	5.7	3.1	1.1	.32	1.3
25	3.2	3.0	2.7	9.0	81	160	16	5.7	2.3	1.0	.43	1.4
26	3.0	3.0	2.7	8.1	74	135	16	6.0	1.6	1.1	.79	1.3
27	3.0	3.0	2.7	8.1	74	149	16	5.9	1.7	1.1	1.0	1.2
28	2.8	3.2	3.5	8.1	73	93	15	5.7	1.6	1.1	1.3	1.2
29	2.8	3.1	7.6	8.0	—	71	14	5.3	1.9	1.2	.86	1.3
30	3.0	3.0	12	7.0	—	64	14	4.3	2.0	1.3	1.0	1.3
31	3.7	—	8.1	6.5	—	63	—	4.1	—	1.2	1.5	—
Total	58.91	89.1	114.7	1,711.9	3,232.8	3963	918	2,49.6	125.9	41.76	34.32	34.17
Mean	1.9	3.0	4	55	115	128	31	8	4.2	1.4	1.1	1.1
Maximum	3.7	3.8	12	683	939	295	68	13	7.9	2.0	1.8	1.8
Minimum	.53	1.9	2.5	4.4	5.3	63	14	4.1	1.6	.60	.32	.55
Total, in acre-feet	117	177	228	3,400	6,410	7,860	1,820	495	250	83	68	68

Table 7. Daily mean discharge and monthly statistical summary of discharge from Beaver Dam Wash near Enterprise, Utah, water years 1992-95—Continued

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Water year 1994												
1	1.2	2.4	3.9	3.3 e	3.3	7.8	6.9	5.2	2.6	0.46	0.36	0.87
2	1.2	2.6	3.9	3.3 e	3.3	10	6.3	4.6	2.4	.17	.32	.88
3	1.0	2.6	3.8	3.4 e	3.3	14	6.0	4.9	2.6	.09	.32	.66
4	.72	2.8	3.4	3.4 e	3.4	15	5.9	5.6	2.5	.10	.31	.27
5	1.1	3.0	3.4	3.4	3.6	16	5.9	6.3	2.1	.34	.30	.31
6	1.4	3.3	3.4	3.6	3.6	14	5.7	6.1	2.5	.42	.18	.51
7	1.6	3.9	3.4	3.6	4.4	17	5.7	6.0	2.5	.40	.02	.55
8	1.9	4.3	3.4	3.4	15	16	5.7	5.5	2.2	.40	.00	.62
9	1.9	4.4	3.6	3.5	11	12	6.5	5.5	2.0	.36	.08	.81
10	1.9	3.9	3.8	3.6	7.4	9.8	7.3	5.5	2.1	.11	.00	.94
11	1.9	3.9	3.8	3.6	5.9	9.2	7.3	5.5	1.9	.18	.11	1.0
12	2.0	4.0	4.0	3.6	5.1	9.6	7.1	5.4	1.2	.25	.11	1.0
13	2.1	4.4	4.3	3.6	4.7	8.9	6.8	5.0	2.0	.25	.02	1.0
14	2.2	4.5	4.2	3.6	4.4	8.5	6.8	4.5	2.2	.25	.05	1.1
15	2.4	4.1	3.9	3.8	4.3	8.5	6.4	3.3	1.7	.23	.21	1.2
16	2.4	3.6	3.9	3.7	4.3	8.0	6.1	3.3	1.2	.18	.78	1.2
17	2.3	3.6	3.9	3.6	12	8.0	5.5	3.5	1.3	.10	.93	1.1
18	2.5	3.6	4.8	3.6	22	7.8	5.7	3.4	1.1	.13	.97	.94
19	2.8	3.6	4.8	3.6	12	7.1	5.9	3.6	.75	.22	.91	.97
20	2.8	3.4	4.0	3.7	9.5	11	5.9	3.9	1.3	.24	15	1.3
21	2.8	3.1	3.7	3.8	6.9	12	5.9	3.9	1.6	.29	6.3	1.4
22	2.7	3.0	3.6	3.8	6.1	9.3	5.9	3.9	1.7	.29	1.7	.97
23	2.6	3.4	3.6	3.7	5.6	7.9	5.9	4.0	1.8	.26	1.5	1.3
24	2.6	3.4	3.6	3.6	5.5	7.1	6.4	4.0	1.7	.07	1.4	1.3
25	2.7	3.4	3.6	3.6	5.5	7.9	6.2	3.9	1.1	.06	1.0	1.2
26	2.7	3.4	3.6	3.8	6.8	9.5	6.8	3.9	.50	.20	.69	1.1
27	2.7	3.4	3.6	3.8	7.4	11	7.0	3.7	.68	.29	.59	1.1
28	2.5	3.6	3.6	3.8	8.2	10	7.3	2.9	.87	.34	.29	1.2
29	2.2	3.9	3.6	3.8	—	8.8	6.8	2.1	.83	.40	.55	1.6
30	2.3	3.9	3.4	3.7	—	7.4	6.5	2.5	.58	.44	.98	1.9
31	2.3	—	3.3	3.5	—	7.1	—	2.6	—	.43	.94	—
Total	65.42	106.4	116.8	111.8	194.5	316.2	190.1	134.0	49.51	7.95	36.92	30.30
Mean	2.1	3.6	3.8	3.6	7	10	6.3	4.3	1.6	.26	1	1.0
Maximum	2.8	4.5	4.8	3.8	22	17	7.3	6.3	2.6	.46	15	1.9
Minimum	.72	2.4	3.3	3.3	3.3	7.1	5.5	2.1	.50	.06	.00	.27
Total, in acre-feet	130	211	232	222	386	627	377	266	98	16	73	60

Table 7. Daily mean discharge and monthly statistical summary of discharge from Beaver Dam Wash near Enterprise, Utah, water years 1992-95—Continued

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Water year 1995												
1	2.0	3.0	4.3	5.3	15	80	14	11	7.9	7.0	1.2	0.69
2	1.9	3.4	4.3	4.7	24	88	14	11	7.7	5.2	1.3	1.1
3	1.7	4.3	4.3	4.2	26	112	14	9.9	7.7	5.8	.60 e	.80
4	2.6	4.1	4.3	4.1	22	67	13	9.7	6.9	4.3	.68	.77
5	3.1	4.0	4.3	5.0	19	58	13	9.9	7.0	4.1	1.1	1.0
6	3.1	3.8	4.3	4.4	17	150 e	12	11	6.6	3.8	1.3	1.0
7	3.0	3.8	4.6	4.1	16	120 e	12	10	7.0	3.4	.95	1.3
8	2.7	3.8	4.9	4.1	14	80 e	12	9.9	7.6	2.2	1.1	1.5
9	2.5	3.7	4.9	5.3	12	60 e	11	9.5	7.5	1.6	1.1	1.6
10	2.2	3.6	4.9	32	11	50 e	11	9.5	7.3	1.8	1.1	1.4
11	2.0	4.5	4.7	230	11	600 e	11	9.3	5.9	2.5	.50 e	1.3
12	2.1	6.1	4.3	74	10	200 e	11	9.5	5.2	3.2	.40 e	1.4
13	2.2	6.6	4.3	29	9.5	150 e	10	9.1	4.5	2.6	.93	1.3
14	2.7	5.6	4.3	27	533	110 e	9.9	7.2	5.5	2.5	1.5	1.2
15	4.6	4.7	4.3	50	195	70 e	10	7.1	4.5	2.2	1.6	1.2
16	5.4	4.2	4.3	32	52	50 e	9.7	7.2	4.8	1.9	1.4	.67
17	5.7	4.1	4.3	19	31	40	9.5	7.9	5.2	2.1	1.3	.54
18	4.5	4.7	4.2	14	29	31	13	7.8	5.5	2.6	1.3	.52
19	3.9	4.7	4.1	12	26	27	16	7.9	6.3	2.2	.74	1.2
20	3.7	4.1	4.0	10	27	27	15	8.2	5.4	2.2	.60	1.1
21	3.4	4.1	3.8	9.2	25	26	15	7.5	4.7	2.2	.94	.46
22	3.3	4.1	3.8	8.3	24	25	18	6.9	4.4	1.8	1.7	.82
23	3.3	4.1	3.8	7.6	25	23	23	6.9	4.2	1.4	1.4	.92
24	3.3	4.1	11	7.7	25	22	23	13	3.2	1.2	.99	.87
25	3.3	4.1	94	29	29	21	18	18	3.5	1.3	1.0	.95
26	3.3	4.4	41	50	29	20	14	18	3.3	1.1	.96	1.3
27	3.2	4.9	18	29	29	18	13	13	3.5	1.1	.40 e	1.3
28	3.1	4.7	11	20	40	18	12	10	3.1	1.2	.30 e	1.3
29	3.1	4.3	8.9	16	—	16	11	9.9	2.9	1.4	.30 e	1.4
30	2.8	4.3	7.8	14	—	15	11	8.6	4.5	1.5	.30 e	1.6
31	2.9	—	6.3	12	—	15	—	7.9	—	1.2	.40 e	—
Total	96.6	129.9	297.3	773.0	1325.5	2,389	399.1	302.3	163.3	78.6	29.39	32.51
Mean	3.1	4.3	10	25	47	80	13	10	5.4	2.5	1.0	1.1
Maximum	5.7	6.6	94	230	533	600	23	18	7.9	7.0	1.7	1.6
Minimum	1.7	3.0	3.8	4.1	9.5	15	9.5	6.9	2.9	1.1	.30	.46
Total, in acre-feet	192	258	590	1,530	2,630	4,740	792	600	324	156	58	64