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SELECTED HYDROLOGIC DATA, UINTA BASIN AREA, UTAH AND COLORADO

By J. W. Hood, J. C. Mundorff, and Don Price

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ENGLISH-TO-METRIC CONVERSION FACTORS

Numbers are given in this report in English units followed by metric units. The conversion factors used are shown to four significant figures. In the text, however, the metric equivalents are shown only to the number of significant figures consistent with the accuracy of the number in English units

English Units (Multiply)	Abbreviation	(by)	Metric Units (to obtain)	Abbreviation
Acres		0.4047	Square hectometres	hm^2
Acre-feet	acre-ft	.001233	Cubic hectometres	hm^3
Cubic feet per second	ft^3/s	.02832	Cubic metres per second	m^3/s
Feet	ft	.3048	Metres	m
Gallons per minute	gal/min	.06309	Litres per second	1/s
Inches	in	25.40	Millimetres	mm
Miles	mi	1.609	Kilometres	km
Square miles	mi^2 or sq mi	2.590	Square kilometres	km^2

Chemical concentration and water temperature are given only in metric units. Chemical concentration of major constituents is given in milligrams per litre (mg/l, MG/L). Chemical concentration of minor constituents is given in micrograms per litre (ug/l, UG/L). One thousand micrograms per litre is equivalent to 1 milligram per litre. For concentrations less than 7,000 mg/l, the numerical value is about the same as for concentrations in the English unit, parts per million.

Water temperature is given in degrees Celsius (°C), which can be converted to degrees Fahrenheit (°F) by the following equation: °F = 1.8(°C) + 32.

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INTRODUCTION

The Uinta Basin area in northeastern Utah and northwestern Colorado covers an area of slightly more than 10,000 mi^2 (25,900 km^2). More than 95 percent of the basin is in Utah, thus most of the data in this report apply to Utah. Most of the water wells are concentrated in populated areas along the lower parts of the basin; records of only a representative number of these water sources are included in this report.

This report presents consolidated listings of data selected for use in hydrologic studies in the Uinta Basin area through June 1974. The data are principally taken from three studies made during 1971-74 by the U.S. Geological Survey in cooperation with the Utah Department of Natural Resources, Division of Water Rights. Also incorporated in this report are data collected since 1935 by the Geological Survey and other organizations. This report is intended to make data conveniently available and to supplement interpretive reports that will be published separately. For some data sites, the volume of data is too great for complete inclusion here. For these sites, data summaries are provided, and for greater detail the reader is referred to the sources listed under Selected references.

DATA-SITE NUMBERING SYSTEMS

Well- and spring-numbering systems

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. By the land-survey system, the State is divided into four quadrants by the Salt Lake base line and meridian, and these quadrants are designated by the uppercase 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

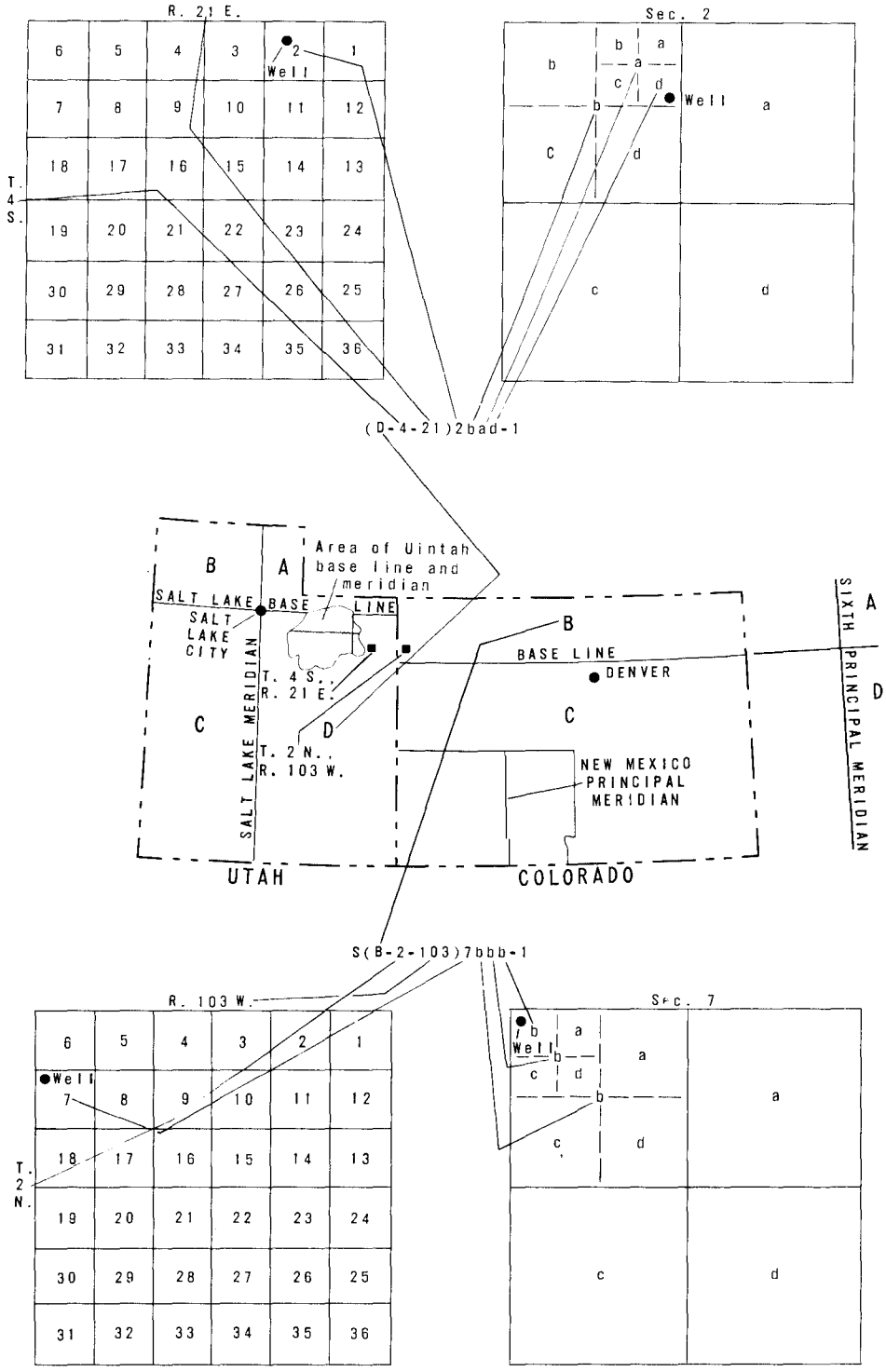

Figure 1.—Well- and spring-numbering systems used in Utah and Colorado.

the quarter-quarter-quarter section--generally 10 acres (4 hm^2);[1] the letters a, b, c, and d indicate, respectively, the northeast, northwest, southwest, and southeast quarters of each subdivision. In tables reproduced from computer listings (for example, table 2), all letters are uppercase. The number after the letters is the serial number of the well or spring within the 10-acre (4-hm^2) tract; the letter S preceding the serial number denotes a spring. If a well or spring cannot be located within a 10-acre (4-hm^2) tract, one or two location letters are used and the serial number is omitted. Thus (D-4-21)2bad-1 designates the first well constructed or visited in the SE¼NE¼NW¼ sec. 2, T. 4 S., R. 21 E., and (A-1-21)33bdd-S1 designates a spring in the SE¼SE¼NW¼ sec. 33, T. 1 N., R. 21 E. Other sites were hydrologic data were collected are numbered and no serial number is used. In table 7, the location within the section is further refined by a fourth letter designating the 2½-acre (1-hm^2) tract. The numbering system is illustrated in figure 1.

In the Uinta Basin area, part of the southeast quadrant has been subdivided by the Uinta base line and meridian as shown in figure 1. Wells and springs in this land parcel are numbered in the same manner described above, but the numbers are preceded by the letter U. Thus, well U(C-1-2)4add-1 is in the SE¼SE¼NE¼ sec. 4, T. 1 S., R. 2 W., Uintah meridian.

In Colorado also, the well- and spring-numbering system is based on the cadastral land-survey system, and in the Uinta Basin area the system is referenced to the base line and the Sixth principal meridian and identified by the prefix letter S. Thus, well S(B-2-103)7bbb-1 is in the NW¼NW¼NW¼ sec. 7, T. 2 N., R. 103 W., Sixth principal meridian (fig. 1). In Colorado records, springs are not identified by the letter S preceding the serial number, but in this report, springs are so designated in order to clearly identify the nature of the water source.

In tables reproduced from computer listings the prefix letter T denotes a well located in a township whose number is one-half larger than the number given.

Gaging-station numbering system

The Geological Survey uses a nationwide system of numbering gaging stations by referring to the position of the station in a given major river basin. Gaging-station numbers are assigned in a downstream order along the main stems of the major streams, and all stations on a tributary stream that enters above a main-stem station are assigned numbers lower than that main-stem station. A similar order is followed in listing

---

[1] Although the basic land unit, the section, is theoretically 1-mi^2 (2.6 km^2), many sections are irregular. Such sections are subdivided into 10-acre (4-hm^2) 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.

stations on first rank, second rank, and other ranks of tributaries. The numbering system consists of an 8-digit number for each station, for example 09261000. The first two digits (09) represent the "part" number identifying the hydrologic region used by the Geological Survey for reporting surface hydrologic data. The Uinta Basin area is in Part 9, the Colorado River basin. The next six digits represent the location in a downstream order.

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Table 1.--Codes used in identifying aquifers or geologic units in tables 2, 3, 4, and 10

110WDBS	Windblown sand deposits of Holocene age
111ALVM	Alluvium of Holocene age
111LDLD	Landslide deposits of Quaternary (Holocene?) age
112ALVM	Alluvium of Pleistocene age
112OTSH	Fluvioglacial deposits (mainly glacial outwash) of Pleistocene age. Includes very coarse grained terrace deposits of uncertain age but very similar megascopically to glacial outwash
120TRTR	Undivided rocks of Tertiary age; includes volcanic rocks in far northwestern part of drainage basin
122BRPK	Browns Park Formation
123DCRV	Duchesne River Formation
124DGCK	Douglas Creek Member of the Green River Formation
124EOCN	Eocene Series
124FLGF	Flagstaff Member of the Green River Formation
124GDGC	Garden Gulch Member of Green River Formation
124GRRV	Green River Formation, undivided
124PCCK	Parachute Creek Member of the Green River Formation
124UINT	Uinta Formation
124WSTC	Wasatch Formation
125NRHR	North Horn Formation
200MNCS	Mancos Shale
210CRCS	Undivided rocks of Cretaceous age
211CSLG	Castlegate Sandstone of Mesaverde Group
211CTCK	Currant Creek Formation
211DKOT	Dakota Sandstone
211FRNR	Frontier Sandstone Member of the Mancos Shale
211MVRD	Mesaverde Group
217BRCN	Burro Canyon Formation
217MWRY	Mowry Shale
220NVJO	Glen Canyon Sandstone (south of Uinta Mountains) previously called Navajo Sandstone; part equivalent to Nugget Sandstone
221CRTS	Curtis Formation
221ENRD	Entrada Sandstone
221MRSN	Morrison Formation
221TCRK	Twin Creek Limestone
227NGGT	Nugget Sandstone
230MNKP	Moenkopi Formation
230TRSC	Undivided rocks of Triassic age
231CHNL	Chinle Formation
231SRMP	Gartra Grit Member of the Chinle Formation (in Uinta Basin); previously called the Shinarump Conglomerate Member
237WDSD	Woodside Formation
310PRKC	Park City Formation
310PSPR	Phosphoria Formation
310WEBR	Weber Quartzite (or Sandstone or Formation)
324MRGN	Morgan Formation
330MSSP	Undivided rocks of Mississippian age
331HMBG	Humbug Formation
331MDSN	Madison Group
400MUTL	Mutual Formation
400UNMN	Uinta Mountain Group

Location: See data-site numbering systems in text. D, well deepened, or S, well plugged back, in year shown as year constructed.
Owner: Owner at time well was visited by U.S. Geological Survey personnel, or name listed by driller in State Well Driller's Report or given in other records of the Utah State Engineer.
Well depth: Code following depth; 1, measured; 3, reported by well driller; 6, reported by well owner or source other than well driller.
Casing depth: From land surface at well to bottom of blank casing. Well may have open hole, screen, or perforated pipe to greater depth.
Well finish: F, gravel-walled with perforated pipe; G, gravel-walled with commercial screen; H, horizontal collector pipe or gallery; O, open-ended pipe with no perforations; P, pipe perforated with acetylene torch or with Mills knife; S, commercial screen; T, sand point; W, walled or shored; X, open hole below blank casing.
Major aquifer: See table 1 for explanation of code.
Water-bearing material: Lithology: A, alluvium; B, unclassified sedimentary rock; C, conglomerate; F, shale; G, gravel; L, limestone; O, fine-grained metamorphic rock; P, clay; Q, silt; R, sand and gravel; S, sand; U, unconsolidated sediment; and V, sandstone. If two symbols are present, the first represents an adjective: 2, fine-grained; 3, medium-grained; 4, coarse-grained; 5, very coarse grained; 6, clayey; 7, silty; 8, sandy; F, iron-stained or iron-cemented; J, jointed or fractured; O, cavernous; S, soft; X, crossbedded; Y, shaly. The symbol 5R is used in this report to indicate glacial outwash composed of boulders, cobbles, sand, and gravel.

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
(D- 1-20)12DCA 1	US FOREST SERV	1962	160 3	90	6	P	400MUTL	FO	--
(D- 1-21)27CBB 1	US FOREST SERV	1967	58 3	--	6	P	122BRPK	R	--
(D- 1-22) 7AAC 1	US FOREST SERV	1969	98 3	--	7	X	400MUTL	V	--
(D- 1-24)33CBA 1		--	--	--	36	W	111ALVM	6R	--
(D- 2-22)27ADD 1	BUR LAND MANAGE	1967	270 6	130	4	X	310PRKC	--	--
(D- 2-22)29DCD 1	STAUFFER CHEM	1952	630 3	167	12	X	310WEBR	V	463
(D- 2-22)32BCB 1	STAUFFER CHEM	1951	368 3	30	12	X	DO	V	338
(D- 2-22)32BCB 2	STAUFFER CHEM	1951	87 3	42	12	X	DO	V	45
(D- 2-22)32BCB 3	STAUFFER CHEM	1960	1573 1	91	12	X	DO	V	1480
(D- 2-22)33DAA 1	BUR LAND MANAGE	1967	--	40	--	X	310PRKC	--	--
(D- 2-22)36DDB 1	W B SEARLE	1970	64 3	64	6	O	112OTSH	G	--
(D- 2-23) 6CAA 1	W B SEARLE	1923	--	--	18	W	122BRPK	R	--
(D- 2-23) 9BAD 1	L H REMINGTON	1960	115 3	79	6	X	230MNKP	V	35
(D- 2-23)15DDD 1	F G WILLIS	1945	30 3	18	4	--	122BRPK	6R	--
(D- 2-24) 7DBB 1	K I GOODRICH	1943	86 3	21	8	X	DO	V	78
(D- 2-24) 9CAA 1	H E DAVIS	1946	99 3	23	8	P	DO	S	--
(D- 3-19)13BAB 1	BLAINE HAMILTON	1965	200 3	16	7	X	220NVJO	V	--
(D- 3-19)19DBA 1	J D CLERICO	1959	240 3	110	6	X	211DKOT	--	130
(D- 3-19)19DBB 1	J D CLERICO	1973	200 3	47	6	X	DO	V	153
(D- 3-19)21AAC 1	P J MARTINSEN	1964	304 3	40	6	X	220NVJO	--	264
(D- 3-19)21ABA 1	P J MARTINSEN	1967	415 3	40	6	X	DO	XV	375
(D- 3-19)21ACA 1	C S MARTINSEN	1960	100 3	40	6	X	DO	XV	--
(D- 3-19)21ADC 1	P J MARTINSEN	1970	85 3	66	6	X	DO	XV	19
(D- 3-19)21ADD 1	C S MARTINSEN	1962	302 3	42	7	X	DO	XV	260
(D- 3-19)21DBD 1	LYNN MARTINSEN	1956	960 3	--	--	--	DO	XV	--
(D- 3-19)21DCA 1	LYNN MARTINSEN	1961	305 3	80	7	X	221MRSN	V	225
(D- 3-19)22CAC 1	J P PERRY	1959	100 3	11	6	X	220NVJO	XV	89
(D- 3-19)22CDA 1	FROST BROS	1963	40 6	--	6	X	DO	XV	--
(D- 3-19)22DAC 1	FROST BROS	1960	200 3	8	6	X	DO	XV	192
(D- 3-19)22DCB 1	FROST BROS	1969	60 3	20	4	X	DO	XV	40
(D- 3-19)23BBB 1	ORSON JOHNSON	1963	226 3	24	6	X	DO	V	202
(D- 3-20) 5CCB 1	US BUR RECLAM	1944	93 1	--	--	W	112OTSH	R	--
(D- 3-20) 5CCC 1	US SOIL CON SER	1965	170 3	5	6	P	DO	5R	165
(D- 3-20) 8DAD 1	US SOIL CON SER	1965	56 3	44	6	P	DO	5R	6
(D- 3-20)15BCA 1	LDS CHURCH	1934	52 6	--	8	--	DO	5U	--
(D- 3-20)16ACD 1	J N MERKLEY	1973	80 3	66	6	X	112OTSH	5R	14
(D- 3-20)17BDB 1	MORGAN MERKLEY	1957	545 3	315	5	X	237WDSD	--	--
(D- 3-20)22AAB 1	LYNN MECHAM	1973	67 3	67	6	O	112OTSH	5R	--
(D- 3-20)22AAD 1	W C MANSFIELD	1973	200 3	21	6	X	231SRMP	V	179
(D- 3-20)25ABC 1	US SOIL CON SER	1965	65 6	4	6	P	112OTSH	R	32
(D- 3-20)25ABC 2	US SOIL CON SER	1965	32 1	5	12	P	230TRSC	5R	27
(D- 3-21)12CCB 1	SYDNEY CORP	1930	125 1	--	10	--	231SRMP	XV	--
(D- 3-21)13BDB 1D	M A FREESTONE	1972	150 3	130	7	X	220NVJO	3V	--
(D- 3-21)20BAA 1	LESTER BINGHAM	1932	210 6	148	8	X	310WEBR	V	62
(D- 3-21)28DBA 1	BUR LAND MANAGE	1932	2552 3	1318	10	X	DO	V	1230
(D- 3-21)30CBD 1	H T PELTIER	1946	300 3	247	4	X	230TRSC	V	53
(D- 3-21)30CBD 1D	H T PELTIER	1949	380 3	247	4	--	231SRMP	V	133
(D- 3-21)30DCD 1	L HULLINGER	1932	138 6	60	8	X	220NVJO	JV	78
(D- 3-21)30DDC 1	L HULLINGER	1947	2715 6	214	12	X	310WEBR	V	2260
(D- 3-21)30DDC 2	L HULLINGER	1954	1230 6	103	15	X	DO	--	--
(D- 3-21)32CCB 1	A D LYNN	1973	39 3	39	6	O	112OTSH	5R	--
(D- 3-21)32CCB 1D	A D LYNN	1973	300 3	40	6	X	220NVJO	V	89
							231CHNL	V	170
(D- 3-21)32CDB 1	R L GARDNER	1970	200 3	24	7	X	220NVJO	XV	111
(D- 3-21)34AAD 1	NATL PARK SERV	1967	248 1	80	6	P	DO	XV	168
(D- 3-21)34ABD 1	SYDNEY CORP	1972	120 3	62	7	X	DO	XV	58
(D- 3-25)32BAC 1	RUPLE RANCH WL	--	13 1	--	8	--	111ALVM	8A	--
(D- 4-20) 1DCA 1	N SCHAEFERMEYER	1954	740 3	--	7	--	220NVJO	V	--
(D- 4-20)12ABB 1	BUR LAND MANAGE	1950	1200 3	95	11	X	DO	XV	--
(D- 4-21) 2BAD 1	US BUR RECLAM	1960	50 3	0	5	P	112ALVM	6S	42
(D- 4-21) 2BDC 1	M A GIBSON EST	1878	13 1	--	36	W	DO	--	--
(D- 4-21) 2CCA 1	E G MECHAM	1896	16 6	--	48	W	112OTSH	--	--
(D- 4-21) 3BBD 1	SYDNEY CORP	1970	50 3	22	7	P	221MRSN	V	20
(D- 4-21) 4CDD 1	SYDNEY CORP	1972	40 3	15	8	X	211DKOT	V	25
(D- 4-21) 7AAD 1	L E HACKING	1964	50 3	37	6	X	112OTSH	G	1
(D- 4-21) 7BCB 1	GRANT HACKING	1951	882 3	76	8	X	220NVJO	V	331
(D- 4-21) 8CCC 1	C L FOX	1957	46 3	36	7	P	112OTSH	R	10
(D- 4-21) 8CDC 1	D HORROCKS	--	22 1	--	36	--	DO	--	--
(D- 4-21) 9BCB 1	LENA MC CARTY	1945	17 3	5	4	P	DO	5R	12
(D- 4-21) 9BCC 1	V P JOHNSON	1967	26 3	16	--	P	DO	R	10
(D- 4-21) 9CDD 1	CHRISTOFFERSON	1970	30 3	30	7	O	DO	G	--
(D- 4-21)10BBB 1	JOSEPH DODDS	1946	29 3	12	4	P	DO	5R	17
(D- 4-21)10BBB 1D	JOSEPH DODDS	1946	34 3	27	6	P	DO	R	7
(D- 4-21)10BBC 1	MARION HALL	1946	41 1	12	4	P	DO	5R	11
(D- 4-21)10BCC 1	D R COOK	--	20 6	20	6	O	DO	G	--

selected water wells

Altitude of land-surface datum: Above mean sea level; interpolated from topographic maps.
Water level: Below or above (+) land-surface datum at well; F, flows but head not measured. Code following water level: A, measured with steel tape; D, reported by well driller; F, estimated; G, reported by owner or source other than well driller; H, measured with pressure gauge; I, measured with manometer; N, measured with pressure gauge after well had been pumped recently.
Use of water: C, commercial; H, household or domestic; I, irrigation; N, industrial (in most cases for petroleum-test drilling); P, public supply; R, recreation or campground; S, stock; U, unused; V, repressurization of oil field; Z, other use. For multiple-use wells, use shown is the principal one as reported to the Utah State Engineer.
Type lift: B, bucket; C, centrifugal pump; J, jet pump; L, multiple; N, none; P, piston pump (windmill cylinder, pitcher, or other); S, submersible pump; T, turbine pump.
Yield and drawdown: Code following entry for drawdown also applies to yield: 1, measured; 2, air-line measurement; 3, reported by well driller; 6, reported by well owner or source other than well driller.
Chemical analysis available: In table 10; C, complete; K, specific conductance; M, multiple; P, partial.
Log available: D, driller's; DR, driller's log in table 6; G, geologic or sample; I, induction; J, gamma-ray.
Water-level record available: W, in table 5.

ALTITUDE OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEMPERATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAILABLE	WATER-LEVEL RECORD AVAILABLE
9260 5	37 D	10-62	P	P	8	9 3	4.5	C	DR	--
8719 4	15 D	9-67	H	P	15	17 3	3.5	M	DR	--
8510 6	50 D	8-69	H	--	0.5	-- 3	--	--	DR	--
7620	1 A	8-73	S	P	--	--	--	--	--	--
6280 5	115 G	--	S	P	--	--	--	--	--	--
5980 4	66 A	8-71	U	--	628	84 2	10.0	C	DR	W
5730 4	F D	11-51	U	N	40	-- 3	--	--	DR	--
5730 4	F D	9-51	U	N	10	-- 3	--	P	D	--
5730 4	F G	9-73	H	N	488	750 6	12.5	M	DR	--
5760 5	F G	--	U	--	--	--	--	C	--	--
5800	28 D	7-70	H	--	20	60 3	--	--	DR	--
7890 4	--	--	H	P	5	--	11.5	C	--	--
7635 4	--	--	S	--	2	55 3	--	--	DR	--
7515 4	DRY D	10-45	U	N	0	--	--	--	DR	--
7225 4	48 D	9-43	S	P	42	12 3	9.5	C	D	--
7305 4	18 D	9-46	S	P	1	--	8.5	C	DR	--
7025 5	12 D	12-65	S	--	2	60 3	--	--	D	--
7000 4	5 D	8-59	S	--	3	35 3	--	--	D	--
7020 5	45 D	6-73	H	--	20	30 3	--	--	DR	--
6850 5	+20 D	9-64	S	--	2	--	--	--	D	--
6890 5	12 D	4-67	H	--	30	4 3	--	--	D	--
6790 5	+1 D	12-60	H	--	2	-- 3	--	--	D	--
6760 5	F D	5-70	S	--	6	-- 3	--	--	D	--
6650 5	+2 D	5-62	H	--	7	-- 3	--	--	D	--
6860	F G	--	I	--	--	--	--	--	D	--
6750 5	6 D	10-61	H	--	20	94 3	--	--	D	--
6700 5	F D	9-59	H	--	5	-- 3	--	--	D	--
6670 5	+4 I	5-73	H	N	5	--	9.5	K	--	--
6720 5	+12 D	8-60	S	N	10	-- 3	--	--	D	--
6645 5	F D	5-69	S	--	1	-- 3	--	--	D	--
6820 5	4 D	6-63	H	J	10	10 3	--	C	DR	--
6860 5	23 A	7-54	U	N	--	--	--	P	--	--
6850 5	8 D	3-65	U	N	--	--	--	--	DR	--
6680 5	3 D	4-65	U	N	--	--	--	--	D	--
6460 4	7 A	9-39	H	--	200	--	11.0	P	DR	--
6520 4	62 D	5-73	H	--	5	8 3	--	--	D	--
6890 5	--	--	U	N	--	--	--	--	D	--
6375 5	25 D	7-73	H	--	100	-- 3	--	--	D	--
6460 5	--	--	H	--	2	--	--	--	DR	--
5997 0	5 A	3-71	U	N	30	-- 6	6.5	--	D	W
5992 0	4 G	2-65	U	N	--	--	7.0	C	DR	W
5770 5	51 A	5-73	U	P	--	--	--	--	--	--
--	27 D	5-72	U	--	10	20 3	--	--	D	--
6060 4	+7 I	10-51	I	N	10	--	10.0	M	DR	W
5916 2	+207	12-36	H	N	230	--	13.5	M	DR	--
5920 5	+70 D	4-49	H	--	1	-- 3	--	--	DR	--
5920 5	+40 D	11-49	H	--	2	-- 3	--	C	D	--
5815 4	+11 I	3-71	H	N	4	--	10.5	M	--	W
5798 4	F G	10-64	--	--	250	--	17.0	M	G	--
5799 4	F G	10-64	--	N	--	--	17.0	C	--	--
5725 5	10 D	6-73	U	--	20	-- 3	--	--	DR	--
5725 5	5 D	7-73	H	--	25	45 3	--	--	D	--
5730 4	21 D	6-71	H	--	10	25 3	--	--	D	--
5540 5	+1 I	7-67	R	S	12	105 1	11.5	M	DR	--
5580 5	+1 D	2-72	H	--	0.3	-- 3	--	--	D	--
4950 5	12 A	5-70	U	--	--	--	--	--	--	--
5925 4	40 D	1-54	I	--	100	20 3	--	--	DR	--
5883 4	F	5-72	S	N	20	--	15.0	M	G	--
5385 4	21 D	4-60	H	--	18	8 3	--	--	DR	--
5375 1	6 A	9-39	U	--	--	--	--	--	--	W
5355 4	--	--	H	--	--	--	--	P	--	--
5550 5	13 D	7-70	H	--	10	34 3	--	--	DR	--
5575 4	6 A	6-72	N	--	30	3 3	--	--	DR	--
5680 4	21 D	5-64	I	--	15	4 3	--	--	D	--
5810 4	F D	2-51	I	--	30	--	15.0	C	DR	--
5655 4	17 D	5-57	I	--	14	12 3	--	--	DR	--
5624 0	12 A	3-48	U	N	--	--	--	--	--	W
5557 0	10 A	2-48	U	N	--	--	--	--	D	W
5545 4	8 D	8-67	S	S	25	4 3	11.0	C	D	--
5510 4	5 D	8-70	H	--	100	4 3	--	--	D	--
--	24 D	2-46	U	--	--	--	--	--	DR	--
5464 3	21 D	12-46	H	--	14	-- 3	--	P	D	--
5467 0	25 A	4-48	S	J	--	--	--	--	--	W
5465 5	--	--	H	--	--	--	12.0	C	--	--

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
(D- 4-21)11CBC 1	I BATTY	--	15 6	--	6	--	112OTSH	G	--
(D- 4-21)11DBB 1	C Q HATCH	--	10 1	--	36	--	111ALVM	--	--
(D- 4-21)11DBB 2	C Q HATCH	1948	30 6	28	6	--	112OTSH	--	--
(D- 4-21)11DCB 1	DANIEL LOPEZ JR	1966	35 3	35	5	O	DO	5R	--
(D- 4-21)12ACC 1	ALONZO MCCARREL	--	16 1	--	48	W	111ALVM	--	--
(D- 4-21)12BCB 1	H C TOONE	1947	16 3	13	8	P	112OTSH	5R	3
(D- 4-21)12BCC 3	GEORGE SWETT	--	10 0	--	36	W	111ALVM	--	--
(D- 4-21)13BBB 1	R V WINN	1955	26 3	26	6	O	112OTSH	G	--
(D- 4-21)13CDD 1	LDS CHURCH	--	10 1	--	36	W	111ALVM	--	--
(D- 4-21)14CDC 1	E C CALDER	1972	24 3	23	6	O	112OTSH	G	--
(D- 4-21)14CDD 1	N G MURRAY	1946	100 3	17	6	X	DO	5U	1
(D- 4-21)14DDD 1	L F DEXTER	1945	23 3	10	4	P	DO	G	10
(D- 4-21)15BBB 1	DORR FINICAN	--	13 1	--	36	W	111ALVM	--	--
(D- 4-21)15DAA 1	ARVEL ALLRED	--	12 1	--	18	O	DO	--	--
(D- 4-21)15DAB 1	H C JEWETT	1956	30 3	13	6	P	112OTSH	5R	17
(D- 4-21)15DCC 1	R T FREESTONE	1927	24 6	22	2	--	111ALVM	--	--
(D- 4-21)15DDD 1	BILL HALL	1934	14 6	12	2	T	DO	--	2
(D- 4-21)16BBA 1	W SCHAEFERMEYER	--	25 1	17	6	W	112OTSH	R	--
(D- 4-21)16BBA 2	W CALDWELL	1960	37 3	28	5	P	DO	R	8
(D- 4-21)16CCB 2	LYNN MC CONKIE	1963	26 3	13	7	P	DO	G	13
(D- 4-21)17AAA 2	MORGAN MERKLEY	1973	26 3	26	6	O	DO	5R	--
(D- 4-21)17AAB 1	N G COOK	1972	30 3	27	6	X	DO	G	3
(D- 4-21)17ABB 1	E C RAINES	1964	52 3	44	6	P	DO	R	6
(D- 4-21)18BBB 1	ELMER LIND	1949	260 3	--	--	--	217MWRY	F	--
(D- 4-21)20AAA 2	O BURTON	1960	28 6	23	6	P	112OTSH	G	5
(D- 4-21)20ABA 1	WARD EVANS	1960	54 3	42	6	P	DO	5R	12
(D- 4-21)20DAD 1	D M MASSEY	1969	55 3	55	7	O	DO	G	--
(D- 4-21)21BAB 1	R M SINGLETON	1960	30 3	20	7	P	DO	B	10
(D- 4-21)21DCD 1	D C DOW	1945	23 3	--	4	X	111ALVM	R	12
(D- 4-21)22ABA 1	J K CARROLL	1946	16 1	--	4	--	112OTSH	R	--
(D- 4-21)22ADA 1	G E JOHNSTON	1972	21 3	21	6	O	DO	G	--
(D- 4-21)22DAA1	N S HATCH	1972	27 3	22	7	O	DO	G	--
(D- 4-21)22DDB 1	A T JOHNSON	1934	29 1	--	8	--	DO	--	--
(D- 4-21)23BCC 1	ADA ANDERSON	1972	23 3	22	7	O	DO	G	--
(D- 4-21)23CBA 1	THACKER & JONES	1972	26 3	22	7	O	DO	G	--
(D- 4-21)23CDB 1	M P JONES	1971	25 3	25	7	O	DO	G	--
(D- 4-21)23DBB 2	E C PREAS	1945	18 3	18	4	O	DO	R	--
(D- 4-21)23DCA 1	SUE WATSON	1965	40 3	29	6	P	DO	5R	11
(D- 4-21)23DDD 1	ALAN HATCH	1961	20 3	20	6	O	DO	G	--
(D- 4-21)24AAD 1	W R HAZELBUSH	1900	16 1	--	30	W	DO	R	--
(D- 4-21)24ADA 2	LELAND MC NEAL	--	20 6	100	8	H	112OTSH	G	100
(D- 4-21)24DBB 1	PETER ERICKSON	1900	10 1	--	48	W	111ALVM	--	--
(D- 4-21)24DDD 1	M GOODRICH	1947	25 1	12	6	P	112OTSH	R	15
(D- 4-21)25ADA 1	BASIN MACH&WELD	1960	100 3	23	6	O	DO	R	--
(D- 4-21)25BBA 1	A HODGKINSON	--	8 1	--	36	W	111ALVM	--	8
(D- 4-21)25DAA 1	G S KNIGHT	--	8 1	--	48	--	111ALVM	--	8
(D- 4-21)26ACB 1	F G BRIGHAM	1960	20 3	12	6	F	112OTSH	G	8
(D- 4-21)26CCB 1	N J MEAGHER	1915	17 1	--	48	W	111ALVM	R	--
(D- 4-21)26DBC 1	C B O'NIEL	1964	58 3	28	6	P	112OTSH	G	12
(D- 4-21)27ABA 1	E J WESTWOOD	1945	16 1	5	4	P	DO	5R	11
(D- 4-21)27BBB 1	S B HAWS	1966	46 3	30	6	P	DO	R	16
(D- 4-21)27DAA 1	JOHN WATKINS	--	14 1	--	36	W	DO	R	--
(D- 4-21)27DCC 1	R W JONES	1963	45 3	21	5	P	DO	R	24
(D- 4-21)28ABD 1	BLI SALES PARK	1960	67 3	52	6	P	DO	R	15
(D- 4-21)28DAA 1	GLINES SCHOOL	1935	670 6	373	6	--	DO	R	--
(D- 4-21)29BBB 1	A G SAWYER	1969	60 3	45	7	X	DO	G	15
(D- 4-21)29CAA 1	R J BELL	1972	140 3	--	5	--	--	--	--
(D- 4-21)29CAB 1	B J BELL	1973	70 3	--	--	--	--	--	--
(D- 4-21)34DDC 1	O W BODILY	1974	55 3	16	7	X	--	V	39
(D- 4-21)34DDD 1	OWEN NELSON	1946	94 1	20	4	P	112OTSH	G	6
(D- 4-21)35CAD 1	R S ALDRIDGE	--	35 6	--	6	O	DO	G	--
(D- 4-21)36ACA 1	D B WEEKS	1946	19 1	7	4	P	DO	G	--
(D- 4-21)36BDB 1	WESLEY BOWDEN	1965	50 3	30	6	P	DO	G	20
(D- 4-22)20BBB 1	D MARTIN	1974	37 3	37	6	O	DO	5R	--
(D- 4-22)30BAD 1	W B MAYBERRY	1971	30 3	12	7	X	DO	G	2
(D- 4-22)31BCC 1	M MERRILL	--	8 1	8	4	O	111ALVM	--	--
(D- 4-22)31BCC 2	M RICHARDSON	1967	22 3	22	6	O	112OTSH	G	--
(D- 4-22)32DCD 1	G L REYNOLDS	--	56 1	--	6	--	DO	--	--
(D- 4-23)26CAB 1	NATL PARK SERV	1942	73 6	40	96	W	221ENRD	3V	33
(D- 4-23)26CAB 2	NATL PARK SERV	1951	168 3	--	6	P	DO	3V	--
(D- 4-23)26CAB 3	NATL PARK SERV	1960	965 3	300	6	P	DO	3S	450
(D- 4-23)33DCC 1	G S MAC KNIGHT	1929	57 6	--	4	S	112OTSH	--	--
(D- 4-23)35BAC 1	NATL PARK SERV	1960	50 3	--	6	--	DO	5R	--
(D- 4-23)35BBB 1	NATL PARK SERV	1956	29 6	23	8	P	DO	5R	--
(D- 4-24) 2DDD 1	NATL PARK SERV	1965	110 3	--	6	X	--	--	--
(D- 4-24) 2DDD 2	NATL PARK SERV	1965	32 3	--	6	--	--	--	--
(D- 4-24)30ADC 1	NATL PARK SERV	1957	33 3	23	8	P	112ALVM	R	--
(D- 4-24)30DDC 1	NATL PARK SERV	1958	16 6	13	6	P	111ALVM	7R	--
(D- 4-24)30DDC 2	NATL PARK SERV	1960	30 3	26	6	O	112OTSH	5R	--
(D- 4-24)30DDC 3	NATL PARK SERV	1960	32 3	28	6	O	DO	R	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
5380 5	--	--	I	--	--	--	11.0	C	--	--
5339	7 A	4-48	U	B	--	--	--	--	--	W
5339 0	--	--	H	--	--	--	--	P	--	--
5335 4	3 D	12-66	H	--	20	-- 3	--	--	DR	--
5259 0	--	--	U	B	--	--	--	--	--	W
5300 4	4 D	3-47	S	--	20	-- 3	--	--	DR	--
5293 0	3 A	7-48	U	N	8	2 1	15.0	--	--	W
5290 5	12 D	10-55	H	S	10	3 3	11.0	C	--	--
5255 0	9 A	3-48	U	N	--	--	--	--	--	W
5330 3	10 D	12-72	H	--	30	2 3	--	--	D	--
5319 4	9 A	3-71	U	--	8	14 3	--	--	DR	W
5283 3	--	--	H	--	--	--	--	--	DR	--
5451 0	5 A	3-48	H	--	--	--	--	--	--	W
5363 0	8 A	3-48	H	--	--	--	--	--	--	W
5378 3	3 D	11-56	I	--	25	4 3	--	--	DR	--
--	8 A	9-39	H	P	--	--	--	--	--	--
5358 4	3 A	9-39	H	--	--	--	--	--	--	W
5530 0	19 A	4-48	U	N	--	--	--	--	--	W
5521 3	24 D	12-60	S	--	30	1 3	--	--	DR	--
5530 3	8 D	5-63	I	C	100	6 3	--	--	DR	--
5545 4	10 D	3-73	S	--	60	2 3	--	--	D	--
5555 4	8 D	5-72	I	--	30	4 3	--	--	D	--
5580 3	5 D	7-64	U	S	30	1 3	--	--	DR	--
5840 4	--	--	U	N	--	--	--	--	DR	--
5435 5	9 D	2-60	I	--	40	4 3	11.0	C	D	--
5560 3	22 D	5-60	I	--	16	1 3	--	--	DR	--
5518 3	12 D	4-69	I	C	60	5 3	--	--	DR	--
5504 3	10 D	3-60	I	--	45	8 3	--	--	D	--
5437 0	9 A	3-71	U	N	--	--	--	--	D	W
5388 0	6 A	4-48	H	P	--	--	--	--	--	W
5365 4	8 D	6-72	I	--	30	2 3	11.0	--	D	--
5355 4	14 D	3-74	I	--	7	4 3	--	--	D	--
5364 0	7 A	4-48	U	N	--	--	--	--	--	W
5357 4	6 D	3-72	I	--	20	-- 3	--	--	D	--
5339 3	10 D	1-72	--	--	30	-- 3	--	--	D	--
5330 4	11 D	5-71	I	--	60	-- 3	--	--	DR	--
5319 1	9 A	3-71	U	--	5	-- 1	--	--	D	W
5308 3	12 D	9-65	H	J	16	5 3	--	--	DR	--
5290 3	8 D	9-61	I	--	20	-- 3	--	--	D	--
5205 4	6 A	7-48	H	P	--	--	--	--	--	W
5205 5	F	5-73	S	N	15	--	8.0	C	--	--
5260 4	8 A	9-39	U	N	--	--	--	--	--	W
5233 0	3 A	2-48	U	--	30	-- 3	--	--	DR	W
5230 4	8 D	3-60	U	N	20	-- 3	--	--	DR	--
5275 0	3 A	3-48	U	N	--	--	--	--	--	W
5219 0	5 A	2-48	S	P	--	--	--	--	--	W
5310 5	7 D	12-60	I	C	30	1 3	11.0	C	D	--
5652 4	11 A	2-48	H	--	--	--	--	--	--	--
5315 3	12 D	4-64	I	--	30	2 3	--	--	DR	--
5370 0	5 A	4-48	U	--	--	--	--	--	D	W
5415 4	8 D	8-66	I	--	40	8 3	--	--	DR	--
5354 0	9 A	2-48	S	--	--	--	--	--	--	W
5400 4	14 D	11-63	Z	--	--	--	--	--	DR	--
5460 4	22 D	7-60	H	--	15	1 3	--	--	DR	--
5450 5	36 A	11-35	U	N	--	--	--	--	DR	W
5700 5	27 D	7-69	H	S	6	10 3	9.5	C	DR	--
5680 4	DRY D	6-72	U	N	--	--	--	--	DR	--
5695 4	DRY D	7-73	U	--	0	-- 3	--	--	D	--
5460 4	30 D	3-74	S	--	3	10 3	--	--	D	--
5419 0	13 A	2-48	U	--	10	1 3	--	--	DR	W
5340 5	--	--	I	S	--	--	5.0	C	--	--
5236 0	5 A	3-71	U	J	--	--	--	--	D	W
5270 4	10 D	9-65	I	--	10	8 3	--	--	DR	--
5150 4	15 D	5-74	H	--	15	7 3	--	--	D	--
5190 4	10 D	5-71	I	--	7	5 3	--	--	DR	--
5226 0	5 A	4-48	S	P	--	--	10.0	--	--	W
5226 4	10 D	12-67	I	--	50	4 3	--	--	DR	--
5098 0	0 A	3-71	U	--	--	--	12.0	C	--	W
4980	--	--	U	N	0.1	-- 6	--	--	D	--
4950 6	4 D	12-51	U	--	10	80 3	--	M	D	--
5025 6	+5 D	10-60	P	--	33	520 3	12.0	C	DR	--
4770 5	42 G	--	S	--	10	-- 6	11.5	P	--	--
4750 4	--	--	U	--	--	--	--	--	DR	--
4750 5	--	--	I	T	60	13 2	12.0	M	--	--
4950 5	--	--	U	N	0.1	--	--	--	D	--
4945 5	DRY D	5-65	U	N	0	--	--	--	D	--
4790 5	17 D	8-57	U	N	20	--	13.5	M	D	--
4790 5	--	--	U	P	9	-- 6	13.5	P	--	--
4790 5	--	--	U	--	25	-- 3	--	--	DR	--
4800 5	8 D	4-60	P	--	38	-- 3	15.0	C	D	--

Table 2.--Records of

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
(D- 4-24)32CCD 1	NATL PARK SERV	1963	81 3	61	6	P	221MRSN	S	20
(D- 4-24)35DAD 1	NATL PARK SERV	1956	300 3	30	6	X	310WEBR	V	270
(D- 4-24)35DAD 2	NATL PARK SERV	1956	30 3	30	6	O	DO	V	--
(D- 5-19)10ABB 1	J T GRAHAM	1951	300 6	240	6	X	123DCRV	V	60
(D- 5-19)10CAA 1	E F PILLSBURY	1960	70 3	20	6	X	DO	V	--
(D- 5-19)10CDC 1	ADRIAN KUMP	1945	50 3	24	6	P	112OTSH	R	10
(D- 5-19)15AAC 1	ELMER HUBER	1945	242 3	224	4	P	123DCRV	V	16
(D- 5-19)15BBB 1	KENNETH HARTLE	1945	41 3	36	6	P	112OTSH	R	4
(D- 5-19)15CBC 1	G J HUBER	1946	277 3	132	6	P	123DCRV	V	26
(D- 5-19)16ACB 1	C K HARTLE	1952	60 3	18	7	P	112OTSH	R	30
(D- 5-19)16CCA 1	A MC CONKIE	1945	210 3	200	4	P	123DCRV	V	10
(D- 5-19)20ADD 1	F E HUBER	1946	150 3	142	4	P	DO	V	8
(D- 5-20) 5CAB 2	CARTER OIL CO	1951	610 3	230	7	P	DO	V	62
(D- 5-21) 1ADD 1		--	69 1	--	3	--	112OTSH	--	--
(D- 5-21) 2DCB 1	LEONARD COOK	1947	50 6	20	6	P	DO	R	15
(D- 5-22) 5CBC 1	C H GOMM	--	30 0	--	3	--	112OTSH	R	--
(D- 5-22) 6ABB 1	L D NIELSEN	--	65 6	--	3	--	112OTSH	--	--
(D- 5-22) 6BBA 1	M GOODRICH	--	--	--	4	--	112ALVM	--	--
(D- 5-22) 6BBA 2	M GOODRICH	--	42 6	--	3	--	112OTSH	R	--
(D- 5-22) 6DAA 1	W H FREEMAN	1974	50 3	40	6	X	DO	5R	1
(D- 5-22) 7DBB 1	ELIJAH JACKSON	1945	22 3	11	4	--	DO	R	11
(D- 5-22) 8DAB 1	US BUR RECLAM	1963	42 3	28	4	P	DO	R	14
(D- 5-22)17ACB 1	E C JONES	1957	30 3	30	6	O	DO	R	--
(D- 5-22)18ABB 1	HAROLD COOK	1945	22 3	12	4	P	DO	6R	10
(D- 5-23) 9ACC 1	JOSEPH HASLAM	1947	755 3	--	6	--	DO	G	--
(D- 5-23)10AAA 1	K RANCH CO	1952	733 3	--	6	--	211FRNR	V	--
(D- 5-23)20ACD 1	JENSEN SCHOOL	1953	31 6	--	6	--	112OTSH	8P	--
(D- 5-23)20BDC 1	LDS CHURCH	1968	36 3	35	6	O	DO	5R	--
(D- 5-23)21CAA 1	JENSEN TOWN	1934	352 6	--	8	--	211DKOT	V	--
(D- 5-23)32ADB 1	C K POWELL	1962	26 3	26	6	O	112OTSH	5R	--
(D- 5-25)36CCC 1	STATE OF UTAH	1947	628 6	--	13	--	231SRMP	--	--
(D- 6-21)31ACA 1	FLYING DIAMOND	1974	40 3	25	6	O	112OTSH	5R	--
(D- 6-22) 1DAD 1	CHEVRON OIL CO	1962	43 3	23	18	G	DO	5R	20
(D- 6-22) 1DDA 1	CHEVRON OIL CO	1962	40 3	20	18	G	DO	5R	20
(D- 6-22) 1DDC 1	CHEVRON OIL CO	--	40 6	40	36	--	DO	R	--
(D- 6-22) 1DDD 1	HUMBLE OIL CO	1965	38 3	27	26	G	DO	5R	--
(D- 6-23) 1BAD 1	BUR LAND MANAGE	1953	2650 6	2077	5	P	310WEBR	V	123
(D- 6-25)21BBA 1	BUR LAND MANAGE	--	--	--	--	--	111ALVM	R	--
(D- 6-25)34	BUR LAND MANAGE	1935	447 3	--	--	X	124WSTC	S	--
(D- 6-25)36CAB 1	STATE OF UTAH	--	1420 6	--	10	--	210CRCS	--	--
(D- 7-19)12DAA 1	LDS CHURCH	1964	61 3	15	8	X	124UINT	V	46
(D- 7-19)12DAD 1	UINTAH SCHOOLS	1941	200 6	--	--	--	--	--	--
(D- 7-19)12DAD 2	UINTAH SCHOOLS	1953	16 3	--	96	W	111ALVM	P	--
(D- 7-20) 4BBC 1	BLAKE PEAY JR	1974	70 3	25	4	F	124UINT	V	40
(D- 7-20) 5ADD 1	STANLEY NEBEKER	--	29 6	--	6	--	112OTSH	5R	--
(D- 7-20) 5DAA 1	GRANT PICKUP	--	--	--	--	--	--	--	--
(D- 7-20) 9BCC 1	D V LABRUM	1968	36 3	36	6	O	112OTSH	5R	--
(D- 7-20)10CCB 1	ROBERT MARSHALL	1974	47 3	47	6	O	DO	5R	--
(D- 7-20)17AAA 1	GILB MC KENNA	--	25 3	--	--	W	DO	P	--
(D- 7-20)22DCD 1	STATE OF UTAH	1934	140 6	128	10	P	DO	4R	12
(D- 7-20)27BAB 1	E T ROBERTS	1920	90 6	--	48	W	124UINT	--	--
(D- 8-17)21ADA 1	CLARK ROBERTS	1955	52 6	--	4	--	--	--	--
(D- 8-20) 1DBC 1	GULF OIL CORP	1968	--	--	--	G	112OTSH	5R	--
(D- 8-20) 1DDB 1	GULF OIL CORP	1968	--	--	--	G	DO	5R	--
(D- 8-20)11ACD 1	OURAY WLDLF REF	1964	50 3	43	8	O	DO	5R	7
(D- 8-20)11CBD 1	OURAY WLDLF REF	1964	300 3	--	--	--	--	--	--
(D- 8-20)12AAD 1	L HALL	--	40 6	--	6	--	112OTSH	R	--
(D- 8-20)33BAC 1	A PAWINEE	--	55 6	--	--	--	124UINT	--	--
(D- 8-20)33BAD 1	A PAWINEE	--	45 6	--	--	--	112OTSH	R	--
(D- 8-21) 6BDD 3	GULF OIL CORP	1966	--	--	--	--	DO	5R	--
(D- 8-21) 6BDD 4	GULF OIL CORP	1966	83 3	68	13	G	DO	5R	15
(D- 8-21) 6BDD 5	GULF OIL CORP	1966	77 3	66	13	G	DO	5R	11
(D- 8-22)15BBC 1	BELCO PETROL CO	1965	120 3	60	5	F	124UINT	V	60
(D- 8-25)17DDC 1	BUR LAND MANAGE	--	119 1	--	12	--	DO	7V	--
(D- 8-25)28	BUR LAND MANAGE	1936	320 6	320	6	P	DO	V	--
(D- 9-17) 4BBB 1	MESA CHEM CO	--	8 1	--	72	O	111ALVM	--	--
(D- 9-17) 5BBD 1	STATE OF UTAH	1934	200 6	--	4	--	124UINT	--	--
(D- 9-17)21DCA 1	BUR LAND MANAGE	1935	22 3	--	48	W	DO	L	16
(D- 9-24) 3DBD 1	G S ZIEGLER CO	1955	100 3	--	8	--	DO	V	--
(D- 9-24)16ADD 1		--	--	--	--	--	DO	--	--
(D- 9-24)22ADC 1	BARBER ASPHT CO	1939	150 6	--	6	--	DO	--	--
(D- 9-24)22DAB 1	J P HACKING	1925	290 6	--	4	--	DO	--	--
(D-10-20)35BBC 1	BUR LAND MANAGE	1964	5672 6	5061	5	--	124GRRV	--	--
(D-10-22)17AAD 1S	BUR LAND MANAGE	1962	6454 6	--	4	--	DO	--	--
(D-10-24) 2ACA 3	BARBER ASPHT CO	1943	31 3	--	--	--	--	--	--
(D-10-24) 2ACC 1	AMER GILSON CO	--	23 6	23	54	H	112ALVM	R	200
(D-10-24) 2ACC 2	AMER GILSON CO	--	36 6	--	10	--	DO	R	--
(D-10-24) 2ACC 3	AMER GILSON CO	1960	31 3	30	10	--	DO	R	--
(D-10-24) 2ACD 1		--	12 5	--	--	W	DO	R	--
(D-10-24) 2ADB 1	BARBER ASPHT CO	--	15 6	--	60	W	DO	R	15

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
4790 5	10 D	7-63	P	S	25	40 3	10.0	M	DR	--
5360 5	+3 D	9-56	U	N	14	--	13.5	C	DR	--
5355 5	F D	9-56	U	N	20	-- 3	--	--	D	--
5635 4	132 A	5-72	H	S	4	-- 6	12.0	C	D	--
5590 4	22 D	2-60	--	--	2	43 3	--	--	D	--
5558 4	20 D	11-45	H	--	8	2 3	--	--	D	--
5684 4	160 D	11-61	H	--	5	20 3	--	--	D	--
5533 4	15 D	10-45	U	P	40	5 3	--	--	DR	--
5502 4	135 D	11-46	U	--	0.5	-- 3	--	--	DR	--
5482 3	11 A	5-72	H	--	10	1 3	--	--	D	--
5428 4	72 D	12-45	H	--	7	68 3	--	--	D	--
5376 4	60 U	1-46	H	--	5	35 3	--	--	D	--
5725	300 D	2-51	U	--	5	90 3	--	--	DR	--
5262 0	53 A	4-48	U	N	--	--	--	--	--	W
5410 1	13 A	3-71	U	J	4	8 1	11.0	--	DR	W
5183 0	28 A	4-48	U	--	--	--	--	--	--	W
5214 0	2 A	3-71	U	N	--	--	--	--	--	W
5233 0	5 A	4-48	U	N	--	--	--	--	--	W
5240 4	10 A	5-49	U	--	--	--	--	--	--	W
5185 4	35 D	4-74	I	--	4	5 3	--	--	D	--
5260 0	11 A	2-48	U	--	--	--	--	--	D	W
5140 4	26 D	4-63	H	S	7	5 3	--	--	DR	--
5150 4	14 D	3-57	H	--	12	-- 3	--	--	DR	--
5275 4	8 D	6-45	--	--	--	--	--	--	DR	--
4741 4	DRY D	5-47	U	N	--	--	--	--	DR	--
4790 4	+20 D	5-52	S	S	3	-- 3	15.5	C	DR	--
4769 3	16 G	2-53	U	--	1	2 6	--	M	--	--
4765 3	15 D	3-68	H	--	40	5 3	--	--	D	--
4740 3	+5 N	11-35	U	--	30	--	14.5	P	DR	--
4735 4	10 A	3-73	H	J	15	12 3	8.5	C	DR	--
5890 4	F G	--	U	N	--	--	--	P	--	--
4682 4	7 D	5-74	S	--	20	20 3	--	--	D	--
4720 3	6 D	3-62	V	T	503	18 3	14.0	P	D	--
4720 3	6 D	4-62	V	T	457	16 3	12.5	P	D	--
4720 5	--	--	V	--	--	--	10.0	C	--	--
4720 4	10 D	10-65	V	--	--	--	--	--	--	--
5170 4	F D	2-53	S	N	200	--	43.0	M	G	--
5370 4	40 A	10-72	U	--	--	--	--	--	--	--
5500 6	400 D	12-35	U	--	--	--	--	--	DR	--
5695 5	F	9-56	U	N	0.5	-- 6	17.0	P	--	--
4869 3	14 D	6-64	H	--	4	40 3	--	--	DR	--
--	--	--	U	--	--	--	--	--	--	--
5290 3	10 D	2-53	U	--	13	6 3	--	P	--	--
5034 3	4 D	5-74	H	--	8	56 3	--	--	D	--
5041 3	--	--	H	S	5	--	11.0	C	--	--
5040 3	--	--	S	--	--	--	--	--	--	--
5049 3	20 D	10-68	H	--	30	13 3	--	--	DR	--
4991 3	15 D	6-74	H	--	20	23 3	--	--	D	--
4905 4	17 D	6-59	H	--	5	7 3	--	--	--	--
4814 3	85 G	10-34	H	P	15	10 3	--	--	DR	--
4812 1	87 A	11-35	U	N	--	--	--	--	--	--
5207 3	20 G	--	U	C	--	--	--	--	--	--
4663 3	10 G	4-68	V	T	370	50 6	--	--	--	--
4660 5	7 G	4-68	V	T	370	48 6	--	--	--	--
4662 3	12 D	1-64	H	--	40	25 3	--	M	DR	--
4661 3	DRY	--	U	--	--	--	--	--	D	--
4659 4	10 G	9-51	U	--	--	--	--	P	--	--
4651 4	--	--	H	--	--	--	11.5	P	--	--
4652 4	--	--	H	--	--	--	--	P	--	--
4662 3	9 G	--	V	T	280	46 6	--	--	--	--
4662 3	8 D	2-66	V	T	265	65 3	--	--	DR	--
4662 3	8 D	2-66	V	T	255	59 3	10.0	C	D	--
4900 4	+6 D	1-65	N	--	30	80 3	--	--	DR	--
5342 2	DRY A	5-73	U	N	--	--	--	--	--	--
5340 5	142 G	5-36	U	N	4	--	--	--	DR	--
5140 3	4 A	10-38	U	--	--	--	--	--	--	--
5253 3	--	--	S	--	--	--	--	--	--	--
5295 3	2 F	9-71	U	--	3	--	17.5	C	D	--
5170 4	12 D	12-55	S	--	11	33 3	--	--	DR	--
5300 5	DRY G	-43	U	--	--	--	--	P	--	--
5460	DRY G	--	U	--	--	--	--	--	--	--
5490 4	--	--	H	N	--	--	--	--	--	--
5240 4	F	--	S	--	0.6	--	--	P	G	--
5195 5	--	--	S	--	10	--	--	P	--	--
4980	DRY D	7-43	U	--	--	--	--	--	D	--
4955 4	10 G	--	U	T	660	--	--	--	--	--
4955 4	10 G	--	N	T	115	--	6.5	P	--	--
4955 4	10 D	12-60	N	--	55	--	--	--	D	--
4955 5	--	--	R	--	--	--	18.5	P	--	--
4955 5	--	--	U	--	7	-- 6	--	P	--	--

Table 2.--Records of

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
(D-11-15)32DCD 1	P NUTTER CORP	--	--	--	6	--	124PCCK	--	--
(D-11-21)21CAA 1	BUR LAND MANAGE	1951	610 3	460	5	P	124UINT	F	40
(D-11-21)30BDB 1	L M THORNE	1934	18 6	--	48	O	111ALVM	--	--
(D-11-21)31BDD 1	GOLDEN HATCH	1952	711 3	610	4	X	124GRRV	V	10
(D-11-24) 6DBC 1	BUR LAND MANAGE	1962	5950 3	223	5	X	DO	YV	--
(D-11-24) 7CAC 1	BUR LAND MANAGE	1962	5840 4	216	13	X	124GRRV	YV	--
(D-11-24)33DCC 1	BUR LAND MANAGE	1936	82 3	--	--	X	DO	L	2
(D-12-19)13CAD 1		--	--	--	--	--	--	--	--
(D-12-22)34ABC 1	WILLIS STEVENS	1961	120 3	20	20	O	--	--	--
(D-13-14)24DBA 1	PAN AM OIL CORP	--	--	--	--	--	--	--	--
(D-13-21)15DDC 1	WILLIS STEVENS	1961	52 3	52	6	P	111ALVM	R	--
(D-13-21)22AAB 1	WILLIS STEVENS	1961	40 3	15	5	P	DO	R	--
(D-14-18) 18BD 1	UTE TRIBE	1964	150 3	14	8	O	124GRRV	--	--
(D-14-19) 3CDB 1	UTE TRIBE	1960	96 3	65	5	P	DO	--	--
(D-14-22)25BAA 1	WILLIS STEVENS	1956	200 6	--	4	--	--	--	--
(D-14-22)26ACA 1	WILLIS STEVENS	1959	150 3	--	--	--	--	--	--
(D-15-20) 3BAB 1	UTE TRIBE	1960	108 3	60	5	P	124GRRV	V	--
(D-15-20)12CCA 1	UTE TRIBE	1964	120 3	12	8	O	DO	--	--
S(B-2-103) 7BBB-1	BUR LAND MANAGE	--	--	--	4	--	211MVRD	--	--
S(B-3-102) 5ADB-1	TOWN OF BLUE MT	1947	750 6	--	12	--	310WEBR	XV	--
S(B-3-103) 5DCC-1	NATL PARK SERV	1962	800 3	403	10	P	220NVJO	2S	397
S(B-3-103) 6CDC-1	DINOSAUR TOWN	1954	1020 6	320	--	X	DO	V	--
S(B-3-103) 7ABA-1	DINOSAUR TOWN	1951	1400 6	320	10	X	DO	V	--
S(B-3-103)12ACA-1	K RANCH CO	--	--	--	8	--	310WEBR	XV	--
S(B-3-104) 1DCA-1	WILEY'S RESORT	--	200 6	--	--	X	221ENRD	V	--
S(B-3-104) 1DCA-2	WILEY'S RESORT	1945	700 6	200	6	--	220NVJO	V	--
S(B-4-104)23ACA-1	K RANCH CO	--	--	--	--	--	310WEBR	XV	--
S(B-4-104)36DDD-1	K RANCH CO	1963	1451 3	1317	7	X	DO	7V	134
U(A- 1- 1) 5ABA 1	GARY POOWEGUP	--	--	--	--	--	112OTSH	--	--
U(A- 1- 1) 5DCA 1	W D MOOSMAN	1951	96 3	25	6	P	DO	5R	6
U(A- 1- 1)18CDB 1	UTE TRIBE	1934	750 6	300	8	X	123DCRV	V	--
U(A- 1- 1)20ACC 1	L J PIKE	1973	52 3	40	6	P	112OTSH	5R	12
U(A- 1- 1)20ADD 1	THEAD WILCKEN	1973	43 3	30	6	P	DO	R	13
U(A- 1- 1)21BBB 1	JOHN WOPSOCK	1971	111 6	75	4	P	123DCRV	V	36
U(A- 1- 1)21CBB 1	WARREN NARANJO	--	--	--	--	--	DO	--	--
U(A- 1- 1)23CCC 1	M R KITCHEN	1946	190 3	190	5	O	DO	V	--
U(A- 1- 1)23CCC 2	M R KITCHEN	1947	327 3	212	6	P	DO	V	--
U(A- 1- 1)26DBB 1	TRIDELL TOWN	1934	512 6	417	5	P	DO	V	--
U(A- 1- 1)27DDD 1	W D MORRILL	1945	312 3	82	4	X	123DCRV	V	230
U(A- 1- 1)28ABB 2	D B MORRILL	1954	27 3	27	6	O	112OTSH	5R	--
U(A- 1- 1)28CBB 1	BERT TAPOOF	1971	45 3	44	6	O	DO	G	--
U(A- 1- 1)29ADA 1	JAMES HENLON	1927	45 6	--	36	W	DO	5R	--
U(A- 1- 1)32AAA 1	A SESSIONS	1927	55 6	--	36	W	112OTSH	5R	--
U(A- 1- 1)33BBA 1	WALTER MORROW	1930	61 6	--	30	W	DO	5R	--
U(A- 1- 1)33BBA 1D	WALTER MORROW	1969	74 3	73	6	O	DO	5R	1
U(A- 1- 1)36DBC 1	J R MC KEE	1946	263 3	258	4	P	123DCRV	C	5
U(A- 1- 2)31DCC 1	MERLIN HUBER	1967	94 3	75	5	X	DO	V	19
U(A- 1- 2)31DCC 1D	DARLENE HUBER	1968	200 3	100	5	X	DO	V	--
U(A- 1- 2)32ACA 1	O J COOK	1971	200 3	100	4	X	DO	V	23
U(A- 2- 1)36BBD 1	JULIUS MURRAY	1953	33 3	6	7	P	112OTSH	G	27
U(A- 2- 2)32ACA 1	DOROTHY LUCK	1957	44 3	44	6	O	211FRNR	V	--
U(B- 1- 1) 2ABA 1	M CHRISTENSEN	1952	46 3	32	--	P	112OTSH	G	14
U(B- 1- 1) 2ACA 1	G W WALKUP	1952	39 3	19	8	P	DO	--	20
U(B- 1- 1) 2ADD 1	MAX QUICK	1968	97 3	87	6	P	DO	5R	10
U(B- 1- 1) 2CAA 1	RALPH REDFOOT	1933	50 6	--	8	--	DO	5R	--
U(B- 1- 1) 2CAA 2	RALPH REDFOOT	--	50 6	50	8	--	DO	5R	--
U(B- 1- 1)10DAA 2	BENTON RIDLEY	1971	180 3	117	4	P	123DCRV	V	63
U(B- 1- 1)11ABB 1	C CUCH JR	--	51 6	--	--	--	DO	V	--
U(B- 1- 1)11CBB 1	RICHARD RIDLEY	--	60 6	40	6	X	DO	V	20
U(B- 1- 1)19AAD 1	J C PENFIELD	1972	48 3	48	6	O	112OTSH	5R	--
U(B- 1- 1)19ADA 1	K O KEEL	1971	53 3	53	6	O	DO	5R	--
U(B- 1- 1)19CCC 1	G L DYE	1952	42 3	27	8	P	DO	5R	15
U(B- 1- 1)19DDD 1	J F LARSEN	1972	52 3	52	6	O	DO	5R	--
U(B- 1- 1)25BCC 1	W H COLTHARP	1948	52 3	--	6	--	DO	5R	--
U(B- 1- 1)25BCC 2	ORAL COLTHARP	1962	65 3	52	6	F	DO	5R	13
U(B- 1- 1)25BCD 1	J H CURFEW	1965	33 3	33	6	O	DO	5R	--
U(B- 1- 1)26ADA 1	R M CATHAY	1959	110 3	30	6	X	DO	--	--
U(B- 1- 1)27ADA 1	W H VAN TASSELL	1971	190 3	60	12	F	DO	5R	110
U(B- 1- 1)27ADB 1	W H VAN TASSELL	1974	185 3	85	16	P	DO	5R	81
U(B- 1- 1)29DCC 1	GEORGE DAVIS	1930	18 6	--	48	--	DO	--	--
U(B- 1- 1)31DDB 1	EDWIN RIGGS	1929	388 1	--	6	--	123DCRV	V	--
U(B- 1- 1)32DCC 1	DEONE SPENCER	1926	20 6	--	48	--	112OTSH	--	--
U(B- 1- 1)33CCD 1	STATE OF UTAH	1922	8 6	--	36	--	DO	--	--
U(B- 1- 1)34DCC 1	E J PRESCOTT	1950	31 3	--	6	F	DO	5R	--
U(B- 1- 1)34DDD 1	M L OBERHANSLEY	1950	32 3	--	6	--	DO	5R	--
U(B- 1- 1)35CCC 1	W H VAN TASSELL	1948	38 3	--	6	--	DO	5R	--
U(B- 1- 2)24DDD 1	W K DYE	1958	190 3	170	4	P	123DCRV	V	20
U(B- 1- 2)24DDD 1D	A R CARTER	1970	700 3	190	4	X	DO	V	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
5780 5	43 A	4-72	H	J	--	--	--	P	--	--
5755 5	300 D	7-51	S	--	25	50 3	--	--	D	--
5139 5	16 G	--	S	--	--	--	--	--	--	--
5190 3	F D	8-71	S	--	2	-- 3	16.5	C	DR	--
5196 0	F	--	S	N	--	--	--	P	I,J	--
5268 0	F	--	U	N	175	--	--	P	I,J	--
5780 5	--	-72	--	--	8	-- 3	--	--	DR	--
5505 5	55 A	9-71	U	P	--	--	--	--	--	--
6230 5	78 D	4-61	U	--	--	--	--	--	DR	--
8225 6	150 G	7-66	U	--	--	--	--	--	--	--
5590 5	35 D	4-61	U	--	--	--	--	--	D	--
5600 5	10 D	4-51	U	--	--	--	--	--	DR	--
7045 5	68 D	8-72	S	P	7	9.[illegible] 3	13.0	K	DR	--
6880 5	80 D	12-60	S	--	5	96 3	--	--	DR	--
7205 5	--	--	U	--	--	--	--	--	--	--
7080 5	-- D	--	U	--	--	-- 3	--	--	D	--
7440 5	52 D	12-60	S	--	15	-- 3	--	--	DR	--
7425 5	60 D	6-64	U	--	4	60 3	--	--	D	--
5578 4	63 A	10-72	U	--	--	--	--	--	--	--
6060 5	F	10-72	P	N	500	--	13.5	C	--	--
6170 5	--	--	P	S	92	--	12.5	C	--	--
6050 5	140 G	--	P	S	35	--	13.5	P	--	--
6020 5	140 G	--	P	S	90	--	12.5	M	--	--
5960 5	F	5-73	S	N	--	--	10.0	C	--	--
5870 5	F	--	C	N	10	--	--	--	--	--
5860 5	F	10-58	C	N	35	--	16.5	M	--	--
5760 4	--	--	H	--	50	--	14.5	C	--	--
6288 2	226 A	5-73	U	S	15	402 3	--	--	D	--
6580 4	--	--	H	S	5	--	--	P	--	--
6465 5	--	--	H	--	0.1	-- 3	--	--	DR	--
6143 4	+1 I	10-36	U	N	0.1	--	12.0	--	--	--
6050 4	21 D	5-73	H	--	20	8 3	--	--	D	--
6050 4	16 D	5-73	H	J	11	16 3	--	--	D	--
6135 4	55 A	4-72	H	S	2	24 6	--	--	DR	--
6045 4	--	--	H	S	5	--	--	P	--	--
5686 4	40 D	4-46	U	--	5	-- 3	--	--	D	--
5686 4	--	--	H	--	9	--	--	--	DR	--
5635 4	80 G	6-34	U	N	10	-- 6	--	--	DR	--
5620 4	95 D	11-45	H	--	5	115 3	--	P	D	--
5965 4	20 D	2-54	H	--	10	4 3	--	--	--	--
5900 4	25 D	11-71	H	--	15	10 3	--	--	DR	--
5940 5	--	--	H	--	--	--	--	--	--	--
5843 4	--	--	H	P	--	--	--	--	--	--
5845 4	--	--	U	N	--	--	--	--	--	--
5845 4	47 D	5-69	H	--	20	5 3	--	--	D	--
5570 3	45 D	2-46	H	--	5	120 3	--	--	D	--
5610 4	17 D	9-67	U	J	11	30 3	--	--	DR	--
5610 4	64 D	5-68	H	S	9	42 3	--	C	D	--
5935 4	114 A	6-72	U	--	40	30 3	12.0	C	DR	--
6835 4	6 D	8-53	H	--	20	24 3	--	--	DR	--
6690 5	+12 D	4-57	H	--	4	--	9.5	C	DR	--
6465 4	30 D	6-52	H	--	40	1 3	--	--	D	--
6445 4	25 D	5-52	H	--	40	1 3	--	--	D	--
6445 4	42 D	10-68	H	--	12	16 3	--	--	DR	--
6395 5	8 A	6-37	S	P	--	--	--	--	--	--
6390 5	24 A	10-36	U	N	--	--	--	--	--	W
6305 4	3 D	11-71	H	S	25	1[illegible]0 3	--	--	DR	--
6340 4	--	--	H	J	--	--	--	P	--	--
6288 4	13 G	--	H	--	--	--	--	C	--	--
6370 4	30 D	11-72	H	--	15	5 3	--	--	D	--
6353 5	26 A	5-73	H	--	20	24 3	--	C	DR	--
6315 5	20 D	7-52	H	--	50	1 3	--	--	D	--
6280 4	20 D	11-72	H	--	15	22 3	--	--	D	--
5973 4	4 D	5-48	H	--	60	4 3	--	--	D	--
5973 4	1 D	9-62	H	--	8	6 3	--	C	DR	--
5963 4	4 D	12-65	H	--	20	20 3	--	--	D	--
5988 3	4 D	12-59	H	--	10	16 3	--	--	D	--
6065 4	13 A	9-73	I	T	1410	49 1	11.0	C	DR	W
6068 4	27 D	5-74	I	T	1600	58 3	11.5	K	DR	--
6135 5	--	--	S	--	--	--	--	--	--	--
6055 4	6 A	3-73	H	J	--	--	--	C	--	W
6010 5	--	--	--	--	--	--	--	--	--	--
5990 5	--	--	--	--	--	--	--	--	--	--
5918 4	8 D	12-50	H	--	6	2 3	--	--	D	--
5892 4	8 D	6-50	H	--	10	1 3	--	--	D	--
5892 4	6 D	5-48	H	J	30	6 3	--	C	DR	--
6362 5	34 D	9-58	H	--	12	146 3	--	--	DR	--
6362 5	120 D	7-70	H	J	5	-- 3	13.5	C	D	--

Table 2.--Records of

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(B- 1- 2)26ACB 1	GAS PROD ENTERP	1973	560 3	450	6	F	123DCRV	V	80
U(B- 1- 2)36DDD 1	STEPHEN MALNAR	1952	30 3	15	8	P	112OTSH	G	15
U(B- 1- 4) 2DBA 1	UTE TRIBE	1961	496 3	313	4	P	123DCRV	V	80
U(B- 1- 4)23DDC 1	UTE TRIBE	--	5 1		60	W	112OTSH	SR	5
U(B- 1- 4)33DAD 1	CLARA ROCHEL	1950	71 3	--	6	--	112OTSH	SR	--
U(B- 1- 5)21DBD 1	UTE TRIBE	1961	110 3	--	--	--	DO	SR	--
U(B- 1- 5)21DDD 1	UTE TRIBE	1961	625 3	382	5	X	123DCRV	V	3
U(B- 1- 8)19DDD 1	US FOREST SERV	1966	85 3	75	7	P	112OTSH	G	10
U(B- 1- 8)29DBD 1	CHARLES STREBEL	1950	99 3	99	6	O	DO	SR	--
U(B- 1- 8)29DDD 1	FLOYD COX	1950	114 3	110	8	P	DO	G	4
U(B- 1- 8)29DDD 2	ELMER GUYER	--	102 6	--	--	--	DO	--	--
U(B- 1- 8)32ACC 1	O J CURRY	1950	40 3	40	6	O	DO	SR	--
U(B- 1- 8)32ADC 1	W F RHOADES	1952	58 3	58	6	O	DO	SR	--
U(B- 1- 8)32BAA 1	O J CURRY	1948	63 6	--	--	O	DO	SR	--
U(B- 1- 8)32DAA 1	RONALD HACKETT	--	--	--	--	--	DO	SR	--
U(B- 1- 8)33BCA 1	A F RHOADES	1952	77 3	--	6	O	DO	SR	--
U(B- 1- 8)33CBC 1	UTAH BOYS RANCH	1953	55 3	54	6	O	DO	SR	1
U(B- 1- 8)33CDC 1	J W MOON	--	--	--	--	--	DO	--	--
U(B- 1- 9) 1BDA 1	US FOREST SERV	1962	30 3	21	6	F	DO	SR	--
U(B- 1- 9) 1BDA 2	US FOREST SERV	1962	74 3	55	6	P	DO	SR	18
U(B- 1- 9)12ADA 1	US FOREST SERV	1962	27 3	18	6	F	DO	SR	8
U(B- 1- 9)12ADD 1	US FOREST SERV	1962	27 3	22	6	F	DO	SR	4
U(B- 1- 9)12ADD 2	US FOREST SERV	1962	28 3	19	6	F	DO	SR	8
U(B- 1- 9)12DAA 1	US FOREST SERV	1964	84 3	61	4	P	DO	SR	23
U(B- 2- 1)24CCC 1	S CHRISTENSEN	1962	45 3	30	8	P	DO	SR	15
U(B- 2- 1)26DAD 1	PAUL ROHR	1952	85 3	42	8	X	123DCRV	V	43
U(B- 2- 4) 9AAC 1	US FOREST SERV	1962	43 3	43	6	O	112OTSH	SR	--
U(B- 2- 4)15BAD 1	US FOREST SERV	1962	116 3	100	6	P	DO	V	15
U(B- 2- 9)22ADC 1	US FOREST SERV	1962	50 6	--	6	P	DO	SR	--
U(B- 2- 9)22DAC 1	US FOREST SERV	1962	30	--	7	P	DO	SR	--
U(B- 2- 9)26CAD 1	ALFONZO DEFA	1973	70 3	50	6	P	DO	G	20
U(B- 2- 9)26DCB 1	US FOREST SERV	1962	30 3	20	6	F	DO	SR	--
U(B- 2- 9)26DCC 1	US FOREST SERV	1962	29 3	19	6	F	DO	SR	8
U(C- 1- 1) 2CCD 1	M L OHERHANSLEY	1972	39 3	39	6	O	DO	SR	--
U(C- 1- 1) 3BCB 1	R J HORRICKS	1947	55 3	--	6	--	DO	R	--
U(C- 1- 1) 5DAA 1	HARRIS HENRIE	1973	38 3	38	6	O	DO	SR	--
U(C- 1- 1) 6ADA 1	M A HARRISON	1951	25 3	18	6	P	DO	R	7
U(C- 1- 1) 6BBB 1	GEORGE STARKEY	1971	200 3	170	4	X	123DCRV	V	30
U(C- 1- 1) 6DCD 1	DELANCE ALLRED	1972	37 3	36	6	O	112OTSH	SR	--
U(C- 1- 1) 8ACC 1	WANDA HASTIAN	1964	174 3	144	4	P	123DCRV	V	30
U(C- 1- 1)12CCC 1	LORRAINE BOLTON	1950	40 3	--	6	--	112OTSH	SR	--
U(C- 1- 1)14BBA 1	C HASTIAN	1970	36 3	--	16	O	DO	SR	--
U(C- 1- 1)18CCB 1	E R DUNCAN	1954	82 3	27	6	X	DO	V	55
U(C- 1- 1)18DCD 1	J H MECHAM	1973	32 3	24	6	P	112OTSH	SR	8
U(C- 1- 1)20DDA 1	R G DYE	1974	500 3	400	4	X	123DCRV	V	--
U(C- 1- 1)24AAA 1	PHILLIPS PET CO	1951	44 3	25	8	P	112OTSH	SR	15
U(C- 1- 1)24CBB 1	CARTER OIL CO	1952	47 3	25	8	P	DO	SR	15
U(C- 1- 1)24CDA 1	J A HOUSTON	1945	38 3	38	6	O	DO	SR	--
U(C- 1- 1)25ABB 1		--	--	--	6	--	--	--	--
U(C- 1- 1)25CBB 1	V C MITCHELL	1956	275 3	--	6	--	123DCRV	V	--
U(C- 1- 1)26BAB 1	VICTOR GARDNER	1952	185 3	35	7	X	DO	V	150
U(C- 1- 1)29BBA 1	V E PENFIELD	1942	125 3	18	10	X	DO	V	107
U(C- 1- 1)28CCC 1	J A REIDHEAD	1970	165 3	66	6	X	DO	V	99
U(C- 1- 1)29BAB 1	H D ALLRED	1967	50 3	20	6	X	DO	V	30
U(C- 1- 1)29BBB 2	G F BARRETT	1972	325 3	290	4	P	DO	V	35
U(C- 1- 1)29BBC 1	LARRY LABRUM	1972	325 3	265	4	P	DO	V	47
U(C- 1- 1)30AAD 1	H G SHEPARD	1968	351 3	14	6	X	DO	V	337
U(C- 1- 1)30CCD 1	REED ANDERTON	1919	202 6	--	1	--	DO	V	--
U(C- 1- 1)30DDA 1	R A ERSOND	1972	45 3	16	6	X	DO	V	29
U(C- 1- 1)31BAA 1	J E BACON	1920	236 6	--	2	--	DO	V	--
U(C- 1- 1)31CBB 1	GULF OIL CORP	1973	420 3	350	6	P	DO	V	70
U(C- 1- 1)33BCC 1	ADAMS & WARREN	1973	220 3	180	4	F	DO	V	40
U(C- 1- 1)33CCC 1	G H WORKMAN	1972	300 3	180	4	--	DO	V	20
U(C- 1- 1)36CDC 1	LAWRENCE RICH	1946	260 3	--	4	--	DO	--	--
U(C- 1- 2) 1-AA 1	LYNN MILLER	1972	220 3	155	4	P	DO	V	35
U(C- 1- 2) 3BBB 1	A W BROWN	--	15 1	--	--	W	112OTSH	R	15
U(C- 1- 2) 3BBC 1	A W BROWN	1948	120 6	--	6	X	123DCRV	V	--
U(C- 1- 2) 3BCB 1	V C BROWN	1963	152 3	21	6	X	DO	V	131
U(C- 1- 2) 4ADD 1	D D BROWN	1934	400 3	25	6	X	DO	V	375
U(C- 1- 2) 9CDC 1	M C HAMBLIN	1972	150 3	--	4	F	DO	V	--
U(C- 1- 2)11DDB 1	H A JENSEN	1932	600 6	--	5	--	DO	V	--
U(C- 1- 2)11DDB 2	H A JENSEN	1971	160 3	121	5	X	DO	V	39
U(C- 1- 2)12CDD 1		--	300 6	--	--	X	DO	V	--
U(C- 1- 2)12DAB 1	EULALA CLEMENTS	1972	28 3	20	6	X	112OTSH	SR	1
U(C- 1- 2)13CDD 1	JAMES POWELL	1941	265 3	265	3	O	123DCRV	V	--
U(C- 1- 2)13CDD 2	JAMES POWELL	1971	260 3	110	5	F	DO	V	150
U(C- 1- 2)15BBC 1	B J YOUNG	1923	100 6	--	1	--	DO	V	--
U(C- 1- 2)15CCB 1	R A ANDERTON	1972	120 3	--	4	F	DO	V	--
U(C- 1- 2)15DAD 1	D M ANDERTON	1920	200 6	--	2	--	DO	V	--
U(C- 1- 2)17DAA 1	R K HAMBLIN	1951	223 3	0	--	--	DO	V	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
6180 4	183 A	8-73	N	S	60	270 3	--	--	D	--
6090 5	15 D	5-52	S	--	6	10 3	--	--	DR	--
7976 2	290 D	5-61	S	P	8	145 3	--	--	DR	--
7297 4	2 A	3-72	U	N	--	--	--	P	--	--
6975 5	60 D	4-50	H	--	30	3 3	--	--	D	--
7699 5	DRY D	2-61	U	N	0	--	--	--	D	--
7665 5	--	--	U	--	3	-- 3	--	--	D	--
6980 5	9 A	6-72	H	J	12	6 3	11.0	C	DR	--
6980 4	86 A	5-73	H	--	30	5 3	--	--	D	--
7005 5	90 D	2-50	H	--	10	10 3	9.5	C	DR	--
6995 5	--	--	H	L	--	--	12.0	K	--	--
6910 5	22 D	1-50	H	--	30	3 3	--	--	D	--
6920 5	45 D	12-52	H	--	30	5 3	--	--	--	--
6930 4	4 A	5-73	H	--	--	--	14.5	K	--	--
6885 4	47 A	5-73	H	--	--	--	--	K	--	--
6940 5	71 A	5-73	H	--	30	10 3	9.5	K	D	--
6900 5	41 A	5-73	U	--	12	-- 3	--	--	D	--
6890 4	--	--	H	C	--	--	--	K	--	--
7220 5	19 D	6-62	P	P	12	8 3	7.5	C	D	--
7230 5	5 D	7-62	--	P	30	2 3	7.5	K	DR	--
7135 5	17 D	6-62	P	P	12	5 3	8.5	K	D	--
7135 5	17 D	6-62	P	P	10	4 3	--	K	D	--
7130 5	17 D	6-62	P	P	15	3 3	8.5	K	D	--
7120 5	6 D	7-64	P	P	160	18 3	7.5	C	DR	--
6810 5	17 A	5-73	H	J	15	--	--	C	DR	--
6690 5	15 D	5-52	H	--	10	50 3	--	--	D	--
7955 5	3 D	8-62	P	P	30	17 3	--	--	DR	--
7900 5	65 D	8-62	H	P	30	10 3	9.0	C	DR	--
7520 5	--	--	P	P	--	--	7.5	K	--	--
7450 5	9 A	7-73	P	P	--	--	8.5	C	--	--
7410 5	48 D	5-73	H	--	40	1 3	--	--	DR	--
7390 5	17 D	6-62	P	P	7	10 3	6.5	C	DR	--
7370 5	18 D	6-62	H	P	11	5 3	--	K	D	--
5772 3	5 D	11-72	S	--	20	14 3	--	--	D	--
5901 4	12 D	4-47	--	--	10	13 3	--	--	DR	--
5927 4	13 D	3-73	H	--	25	15 3	--	--	DR	--
5970 5	8 D	4-51	S	--	40	4 3	--	--	D	--
6055 5	40 D	11-71	H	--	10	30 3	--	--	DR	--
5895 4	15 D	9-72	H	--	10	15 3	--	--	D	--
5830 5	134 D	8-64	H	--	10	9 3	--	--	DR	--
5632	4 D	12-50	H	--	10	1 3	--	--	--	--
5670 3	8 D	5-70	H	--	--	--	--	--	DR	--
5640 5	F D	7-54	H	--	2	-- 3	--	--	DR	--
5792 3	6 D	6-73	H	--	12	6 3	--	--	D	--
5345 4	+7 D	1-74	S	--	35	-- 3	--	--	DR	--
5504 3	5 D	5-51	U	N	100	20 3	--	--	D	--
5587 4	4 D	12-52	U	--	75	21 3	--	--	D	--
5462 4	8 D	2-45	H	--	100	4 3	--	--	DR	--
--	2 A	5-73	U	--	--	--	--	--	--	--
5521 4	--	--	S	--	10	-- 3	--	--	D	--
5560 4	115 D	8-52	H	--	10	65 3	--	--	DR	--
5310 5	+5 D	12-42	H	--	0.5	-- 3	--	--	DR	--
5250 4	+25 D	11-70	H	--	--	--	--	--	D	--
5600 5	10 D	6-67	H	--	8	10 3	--	--	D	--
5594 4	200 D	8-72	H	--	20	100 3	--	--	D	--
5582 4	--	--	H	--	15	-- 3	--	--	D	--
5586 4	86 D	9-68	H	--	10	265 3	--	--	DR	--
5450 4	F	10-36	H	N	1	--	12.0	--	--	--
5482 4	7 D	6-72	H	J	3	38 3	--	--	D	--
5455 3	+7 I	10-36	H	N	1	2 1	12.0	K	--	--
5415 4	+10 D	1-73	N	--	75	370 3	--	--	DR	--
5260 3	+5 D	5-73	H	--	25	-- 3	--	--	D	--
5275 4	F D	10-72	S	N	6	220 3	12.0	C	D	--
5400 5	100 D	11-46	H	S	7	50 3	--	C	DR	--
6087 5	100 D	8-72	H	--	9	100 3	--	--	D	--
5945 5	--	--	U	--	--	--	14.5	P	--	--
5934 1	F	7-58	S	N	10	--	--	P	--	--
5943 3	20 D	5-63	H	--	15	110 3	--	P	DR	--
5950 4	18 A	3-71	P	--	20	-- 3	11.0	C	DR	W
5930 4	--	--	H	--	12	40 3	--	--	DR	--
5742 4	F G	11-71	U	--	--	--	--	C	--	--
5742 4	40 D	11-71	S	--	15	60 3	--	C	DR	--
5740 4	F G	12-71	U	N	--	--	--	C	--	--
5880 4	1 D	8-72	H	--	20	15 3	--	--	D	--
5635 3	F D	2-41	S	--	0.5	-- 3	--	--	D	--
5635 3	F D	1-71	H	--	20	60 3	--	--	DR	--
5795 3	+12 I	3-71	H	--	3	2 5	10.5	M	--	W
5795 4	3 D	11-72	H	--	12	35 3	--	--	D	--
5795 4	+8 I	10-36	S	--	0.4	--	11.5	K	--	--
5920 3	--	--	U	N	0	-- 3	--	--	DR	--

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(C- 1- 2)22BBA 1	CHEVRON PIPE CO	1973	200 3	100	6	F	123DCRV	V	60
U(C- 1- 2)22CBB 1	MELVIN MOWER	1961	810 3	60	8	X	DO	V	750
U(C- 1- 2)23BCC 1	GARY OPERAT CO	1972	525 3	290	5	P	DO	V	140
U(C- 1- 2)23CAB 1	M D ALEXANDER	1972	260 3	220	4	P	123DCRV	V	40
U(C- 1- 2)23CDD 1	T P ALEXANDER	1972	120 3	--	4	P	DO	V	--
U(C- 1- 2)23DBD 1	M D ALEXANDER	1971	160 3	160	6	P	DO	--	--
U(C- 1- 2)24AAA 1	GAIL LORANGER	1972	260 3	216	4	X	DO	V	44
U(C- 1- 2)24ADA 1	STATE OF UTAH	1919	-- 6	--	2	--	--	--	--
U(C- 1- 2)25AAA 2	T E ATKINS	1946	250 3	160	2	P	123DCRV	--	90
U(C- 1- 2)26AAA 1	JOEL PARRY	1945	76 3	50	2	X	DO	V	26
U(C- 1- 2)27AAA 1	STATE OF UTAH	1934	215 3	--	5	X	DO	SV	--
U(C- 1- 2)27ABC 6D	DALE ANDERSON	1961	1010 3	171	5	X	DO	V	839
U(C- 1- 2)27ACD 1	D E HAMBLIN	1973	455 3	180	5	X	DO	V	275
U(C- 1- 2)27DDC 1	J K SHAW	1972	420 3	320	4	X	DO	V	100
U(C- 1- 2)29BDA 1	GULF OIL CORP	1973	400 3	350	6	P	DO	V	50
U(C- 1- 2)29BDA 1D	GULF OIL CORP	1973	540 3	350	6	X	DO	V	190
U(C- 1- 2)32ACA 1	GULF OIL CORP	1973	500 3	300	6	P	DO	V	180
U(C- 1- 2)33ACD 1	GULF OIL CORP	1973	500 3	280	6	P	DO	V	190
U(C- 1- 2)36AAA 1	E M TAYLOR	1974	240 3	160	4	X	DO	--	80
U(C- 1- 2)36ADC 1	V B MEACHAM	1970	170 3	40	6	X	DO	V	130
U(C- 1- 3) 1CBB 1	GULF OIL CORP	1972	920 3	--	10	--	DO	BP	0
U(C- 1- 3) 7CBB 1	G E FISHER JR	1949	90 3	--	--	--	112OTSH	P	--
U(C- 1- 3)16DDC 1	G R HAMBERG	1949	400 3	250	5	X	123DCRV	V	150
U(C- 1- 3)17DAC 1	GLEN BURGESS	1948	70 3	--	7	--	123DCRV	V	--
U(C- 1- 3)27BBB 1	H G TODD	1967	65 3	50	5	P	DO	V	15
U(C- 1- 3)28ABB 1	L R LOERTSCHER	1974	180 3	120	4	F	DO	V	60
U(C- 1- 3)28DCD 1	D H ALLRED	1934	30 6	--	5	--	112OTSH	4A	--
U(C- 1- 3)30BDC 1	ALTAMONT TOWN	1973	82 3	40	8	F	123DCRV	V	30
U(C- 1- 3)30CDD 1	L H BINGHAM	1972	32 3	32	6	O	112OTSH	5R	--
U(C- 1- 3)31CAA 5	R A LISTER	1924	13 1	--	54	W	DO	--	--
U(C- 1- 3)31CAA 6	V R TUCKER	1948	44 3	--	7	--	DO	R	--
U(C- 1- 3)32BDC 1	GORDON HANSON	1963	400 3	--	--	--	--	--	--
U(C- 1- 3)32CAA 1	GORDON HANSON	1969	200 3	160	4	F	123DCRV	V	30
U(C- 1- 3)33CDC 1	J A BIRD	1973	280 3	190	8	P	DO	V	60
U(C- 1- 3)33DCC 1	RAEBELL ALLRED	1972	320 3	205	4	P	DO	V	95
U(C- 1- 3)33DDA 1D	C H BIRD	1963	160 3	16	6	X	DO	V	144
U(C- 1- 3)33DDD 1	LAMONT WILLIAMS	1956	53 3	34	4	F	DO	V	19
U(C- 1- 3)33DDD 2	MARIE LAVER	1971	160 3	--	5	--	DO	V	38
U(C- 1- 3)33DDD 3	LAMONT WILLIAMS	1973	140 3	100	4	F	DO	V	40
U(C- 1- 3)34BBB 1	LDS CHURCH	1934	704 6	500	8	X	DO	V	204
U(C- 1- 4) 1DCC 1	W A RALPHS	1949	78 3	57	7	P	--	--	--
U(C- 1- 4) 2CCC 1	CLINTON BOWDEN	1946	237 3	52	6	P	112OTSH	5R	18
U(C- 1- 4) 4ADD 1	J L CARROLL	1969	54 3	54	6	O	DO	5R	--
U(C- 1- 4) 7CCD 2	REED LYONS	1948	86 3	50	7	X	123DCRV	V	36
U(C- 1- 4) 8CDD 1	FRED LINDSAY JR	1973	36 3	23	7	P	112OTSH	5R	5
U(C- 1- 4) 9AAD 1	C S MURRAY	1948	53 3	46	6	P	DO	5R	6
U(C- 1- 4) 9AAD 1D	C S MURRAY	1949	75 3	68	6	P	DO	5R	7
U(C- 1- 4) 9DAB 1	R O RUST	1949	70 3	22	6	X	123DCRV	V	48
U(C- 1- 4)11BAD 1	L D MAXFIELD	1948	63 3	57	6	P	112OTSH	5R	6
U(C- 1- 4)11BAD 1D	L D MAXFIELD	1949	88 3	81	6	F	DO	5R	7
U(C- 1- 4)11BCC 1	KENNETH RALPHS	--	38 3	--	6	--	DO	5R	--
U(C- 1- 4)11DAD 1D	HARDY PERKINS	1947	82 3	55	4	S	DO	R	20
U(C- 1- 4)14AAD 1	US FOREST SERV	1938	17 6	13	32	X	DO	G	4
U(C- 1- 4)18BBC 1	T&D OILFIELD CO	1972	37 3	37	6	O	DO	5R	--
U(C- 1- 4)18CBB 1	IVON STREET	1960	100 3	40	6	O	DO	5R	--
U(C- 1- 4)19ABC 1	R E MILES	1960	38 3	38	6	O	DO	5R	--
U(C- 1- 4)20DBA 1	ROBERT LINDSAY	1973	28 3	21	7	P	DO	S	2
U(C- 1- 4)22AAA 1	GILBERT BEEBE	1946	50 3	50	6	O	DO	5R	--
U(C- 1- 4)23DAA 1	C R AMES	1947	167 3	152	4	P	123DCRV	V	15
U(C- 1- 4)24CBB 1	L B DASTRUP	1956	125 3	90	5	P	DO	V	35
U(C- 1- 4)24DCC 1	D W MILES	1973	32 3	32	6	O	112OTSH	5R	--
U(C- 1- 4)25CBA 1	R STRINGHAM	1972	46 3	46	6	O	DO	5R	--
U(C- 1- 4)25CDB 3	ALTAMONT TOWN	--	70 6	--	10	--	DO	5R	--
U(C- 1- 4)25CDB 4	ALTAMONT TOWN	1964	83 3	83	10	O	DO	5R	--
U(C- 1- 4)26ADA 1	LEWIS DANIELS	1972	41 3	41	6	O	DO	5R	--
U(C- 1- 4)26DBB 1	G E FISHER	1946	52 3	40	6	P	DO	5R	12
U(C- 1- 4)28DCC 1	STATE OF UTAH	1934	61 3	33	10	P	DO	4R	1
U(C- 1- 4)31ACA 1	SHELL OIL CO	1971	320 3	210	5	X	123DCRV	V	110
U(C- 1- 4)31ADA 1	LDS CHURCH	1974	440 3	45	8	F	DO	V	337
U(C- 1- 4)32BCA 1	CLARENCE OMAN	1954	157 3	--	5	--	DO	V	--
U(C- 1- 4)33DCC 1	BROTHERSON BROS	1973	60 3	20	9	F	DO	V	35
U(C- 1- 4)33DCD 1	SHELDON HORROCKS	1973	33 3	33	6	O	112OTSH	5R	--
U(C- 1- 4)34AAB 1D	SHIRLEY WATSON	1972	150 3	110	4	F	123DCRV	V	40
U(C- 1- 4)34BAD 1	SHELL OIL CO	1972	380 3	200	6	F	DO	V	180
U(C- 1- 5) 9ABB 1	H T ROWLEY	1949	64 3	18	6	X	DO	V	46
U(C- 1- 5)13AAD 1	C R ALEXANDER	1947	85 3	35	6	X	DO	V	50
U(C- 1- 5)13ABC 1	S D RUST	1972	100 3	70	6	P	DO	V	30
U(C- 1- 5)13ADA 2	B STEVENSON	1909	24 1	--	48	W	112OTSH	G	--
U(C- 1- 5)13ADA 3	B STEVENSON	1934	367 3	199	7	X	123DCRV	V	169
U(C- 1- 5)20CDC 1	SALLY SHIPMAN	1974	680 3	--	--	--	DO	--	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
5798 4	40 D	8-73	N	--	40	128 3	--	--	D	--
5705 4	+20 D	9-61	I	--	200	33 3	12.0	P	DR	--
5630 5	+30 D	7-72	H	--	30	-- 3	13.0	C	DR	--
5590 5	+35 D	7-72	H	--	35	-- 3	--	--	D	--
5554 3	+10 D	11-72	H	--	5	-- 3	--	--	D	--
5560 4	+10 D	4-71	I	--	20	--	12.0	--	D	--
5615 4	+14 D	3-72	H	--	8	-- 3	--	--	D	--
5582 4	F G	--	N	N	--	--	--	--	--	--
5495 4	+32 D	4-46	H	--	4	--	--	--	DR	--
5515 4	+5 D	5-45	H	--	0.5	-- 3	--	--	DR	--
5590 4	+8 I	11-35	U	N	9	3 1	11.0	M	DR	W
5610 4	+50 D	9-61	I	N	130	-- 3	12.5	C	DR	--
5615 3	F D	6-73	H	--	12	-- 3	--	--	D	--
5610 4	+15 D	12-72	H	--	15	-- 3	--	--	D	--
5940 4	200 D	1-73	U	--	65	-- 3	--	--	DR	--
5940 4	105 D	2-73	N	--	150	-- 3	--	--	D	--
5807 4	80 D	2-73	N	--	250	-- 3	--	--	D	--
5723 4	60 D	2-73	N	--	200	-- 3	--	--	D	--
5409 3	F D	4-74	H	--	8	-- 3	--	--	DR	--
5394 4	+15 D	8-70	S	--	20	115 3	--	--	DR	--
6500 5	DRY D	8-72	U	--	0	-- 3	--	--	DR	--
6660 4	DRY D	8-49	U	N	0	-- 3	--	--	DR	--
6335 4	275 D	10-49	H	--	5	-- 3	--	--	DR	--
6382 4	30 D	6-48	H	--	15	27 3	--	--	D	--
6230 3	20 D	6-67	H	--	5	35 3	--	--	DR	--
6305 3	50 D	5-74	H	--	12	--	--	--	D	--
6228 3	7 A	3-71	U	N	--	--	--	--	--	W
6388 4	34 D	7-73	P	T	60	2 3	--	--	D	--
6323 3	5 D	11-72	H	--	20	25 3	--	--	DR	--
6284 5	2 A	9-39	U	N	--	--	--	--	--	W
6286 3	7 D	6-48	H	C	--	--	14.5	C	D	--
6105 4	DRY D	7-63	U	N	--	--	--	--	DR	--
6075 5	20 D	6-69	H	--	30	60 3	--	C	D	--
6182 4	100 D	3-73	H	--	20	-- 3	--	--	D	--
6152 4	171 D	9-72	H	--	12	69 3	--	--	D	--
6150 4	35 D	9-72	H	--	10	25 3	--	--	D	--
6108 4	15 D	11-58	P	--	10	5 3	--	C	D	--
6095 4	10 D	8-71	H	--	20	90 3	--	M	D	--
6108 4	--	--	H	--	20	30 3	--	--	D	--
6200 3	125 G	12-34	H	J	10	50 6	--	K	DR	--
6795 4	DRY D	5-49	U	--	--	--	--	--	DR	--
6856 4	42 D	8-46	H	--	35	1 3	--	--	DR	--
6888 4	25 D	4-69	H	--	20	20 3	--	--	DR	--
7005 4	18 D	12-48	--	--	30	6 3	--	--	D	--
6887 4	13 D	8-73	H	--	30	2 3	9.5	--	--	--
6783 4	20 D	7-48	H	--	40	2 3	--	--	DR	--
6783 4	58 D	3-49	H	--	7	1 3	--	--	D	--
6762 4	35 D	4-49	H	--	30	5 3	--	--	DR	--
6820 4	36 D	7-48	U	--	30	1 3	--	--	D	--
6820 4	63 D	5-49	S	--	20	2 3	--	--	D	--
6790 4	15 D	8-72	H	--	10	15 3	--	--	--	--
6732 4	47 D	5-47	H	--	1	--	--	--	DR	--
6660 4	5 A	4-62	H	C	5	--	7.5	M	--	W
7005 4	8 D	6-72	H	--	25	22 3	--	--	D	--
6965 4	12 D	1-60	H	--	8	22 3	--	--	D	--
6857 4	12 D	1-60	--	--	10	6 3	--	--	DR	--
6725 4	9 D	8-73	H	--	25	6 3	--	--	D	--
6615 4	7 D	8-46	H	--	35	1 3	--	--	DR	--
6570 5	141 D	9-47	H	--	--	9 3	--	--	DR	--
6550 4	30 D	5-56	H	--	12	-- 3	--	--	D	--
6460 4	5 D	7-73	H	--	20	24 3	--	--	D	--
6440 4	6 D	10-72	H	--	40	27 3	--	--	D	--
6414 3	--	--	P	T	--	--	11.0	M	--	--
6414 3	9 D	10-64	P	T	80	21 3	--	--	DR	--
6465 4	10 D	3-72	--	--	25	30 3	--	--	D	--
6457 3	6 D	7-46	H	--	30	1 3	--	--	DR	--
6458 4	6 A	4-63	H	--	10	-- 3	--	--	DR	W
6650 4	125 D	7-71	N	--	25	-- 3	7.0	C	DR	--
6665 5	20 D	3-74	H	--	30	50 3	--	--	DR	--
6640 5	60 D	2-54	H	--	10	40 3	--	--	D	--
6392 4	8 D	8-73	H	--	4	50 3	--	--	D	--
6374 4	4 D	7-73	H	--	15	24 3	--	--	D	--
6284 4	19 D	10-72	H	--	--	--	--	--	D	--
6417 3	60 D	9-72	H	--	13	230 3	--	--	D	--
7150 4	10 D	10-49	H	--	10	10 3	--	--	DR	--
7008 4	20 D	1-47	H	--	10	30 3	--	--	DR	--
7100 5	58 A	3-73	H	S	10	25 3	9.0	C	DR	W
6997 4	4 A	10-45	U	N	--	--	--	--	--	W
7007 4	15 A	3-71	H	T	30	-- 3	--	M	DR	W
7020	DRY D	4-74	U	--	--	--	--	--	D	--

Table 2.--Records of

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(C- 1- 5)22CDA 1	E CHRISTENSEN	1948	219 3	--	4	--	123DCRV	V	--
U(C- 1- 5)23ABA 1	P CHRISTENSEN	1974	36 3	34	6	O	112OTSH	5R	--
U(C- 1- 5)26CCC 1	L N BURTON	1931	23 6	--	36	W	--	--	--
U(C- 1- 5)26CCC 2	TAYLOR THAYNE	1972	200 3	42	4	P	123DCRV	V	158
U(C- 1- 5)27CDC 1D	L M BURTON	1957	126 3	101	36	P	DO	V	25
U(C- 1- 5)33ADB 1	SHELL OIL CO	1970	120 3	65	5	F	DO	V	55
U(C- 1- 5)33ADC 1	SHELL OIL CO	1970	120 3	65	5	F	DO	--	--
U(C- 1- 5)35ACA 1	W H THOMPSON	1948	75 3	--	5	--	DO	V	--
U(C- 1- 5)36CAB 1	J F SANFORD	1968	177 3	137	4	F	DO	V	40
U(C- 1- 7)19DBD 1	ANDREW DEFA	1949	140 3	36	6	X	211CTCK	C	30
U(C- 1- 7)30ABD 1	JACK YOUNG	1952	80 3	80	6	O	112OTSH	5R	--
U(C- 1- 7)30ADC 1	B N TURNHOW	1949	76 3	76	6	O	DO	G	--
U(C- 1- 7)30BAB 1	D E NYE	1949	73 3	--	6	--	DO	G	--
U(C- 1- 7)32ACD 1	E B CARTER	1947	208 3	60	8	X	124UINT	V	146
U(C- 1- 7)33ABA 1	E B CARTER	1962	636 6	500	14	X	DO	V	--
U(C- 1- 8) 3DDC 1	CHARLES LEE	1971	130 3	110	5	P	221TCRK	--	20
U(C- 1- 8) 4BBB 1	J W MOON	--	--	--	--	--	112OTSH	5R	--
U(C- 1- 8) 4BBC 1	ROBERT PARK	--	--	--	--	--	DO	5R	--
U(C- 1- 8) 4BDD 1	YOUNGTOWN INC	1969	193 3	115	8	P	DO	4R	40
U(C- 1- 8)10DAD 1	C FABRIZIO	1953	70 6	--	8	--	DO	--	--
U(C- 1- 8)10DDA 1	ROSE FABRIZIO	--	16 1	16	48	W	DO	R	--
U(C- 1- 8)10DDA 2	M F BAUM	1971	70 3	--	6	O	DO	5R	--
U(C- 1- 8)11CCD 1	L S DEFA	1949	45 3	--	6	--	DO	5R	--
U(C- 1- 8)11CCD 2	WESTON THOMAS	1959	33 3	32	6	O	DO	5R	--
U(C- 1- 8)11CDC 2	CHEVRON PIPE CO	1949	575 3	290	10	P	221MRSN	G	285
U(C- 1- 8)11DDC 1	DORTHY HARTOLEO	1949	98 3	--	6	--	112OTSH	5R	--
U(C- 1- 8)11DDC 2	RAY LEE	1968	97 3	97	6	O	DO	5R	--
U(C- 1- 8)12CDB 1	P M REID	1960	78 3	--	6	--	211FRNR	V	--
U(C- 1- 8)12CDB 1D	P M REID	1966	122 3	122	5	O	DO	V	--
U(C- 1- 8)13CCC 1	CLIFF ROBERTS	1949	40 3	--	6	--	112OTSH	6R	--
U(C- 1- 8)13CCC 2	J R ROBERTS	1963	64 3	64	6	O	DO	5R	--
U(C- 1- 8)13DCC 1	J R ROBERTS	1949	184 3	176	6	X	211MVRD	V	8
U(C- 1- 8)14ADD 1	K N LEE	1949	76 3	--	6	--	112OTSH	5R	--
U(C- 1- 8)14BAC 1	G W BURT	1973	38 3	30	6	P	DO	5R	7
U(C- 1- 8)14BDA 1	L S DEFA	1949	30 3	30	6	O	DO	5R	--
U(C- 1- 8)24BBB 1	J HUMPHREYS	1966	42 3	42	6	O	DO	5R	--
U(C- 1- 8)24BBD 1	JESSUP THOMAS	1949	43 3	--	6	--	DO	R	--
U(C- 1- 8)24DCC 1	C J MOODY	1973	200 3	91	6	P	DO	5R	61
U(C- 1- 8)24DDC 1	C J MOODY	1959	48 3	48	6	O	DO	5R	--
U(C- 1- 8)24DDD 1	B S THOMAS	1949	43 3	--	6	--	DO	R	--
U(C- 1- 8)25ADB 1	J C SHARROW	1973	54 3	54	6	O	112OTSH	5R	--
U(C- 1- 8)25ADB 1D	J C SHARROW	1974	134 3	134	6	O	DO	5R	--
U(C- 2- 1) 2CBC 1	B K BIRCHELL	1971	200 3	175	4	F	123DCRV	V	25
U(C- 2- 1) 5DCC 1	D J FRESTON	1946	300 3	43	5	X	DO	V	257
U(C- 2- 1) 7AAA 1	J A WILLS	1973	700 3	620	4	X	DO	V	80
U(C- 2- 1) 7BBD 1	D L CAMPBELL	1960	895 3	58	8	X	123DCRV	V	837
U(C- 2- 1) 7CCC 1	S A WILLS	1924	333 3	--	1	--	DO	V	--
U(C- 2- 1) 7CCC 2	J A WILLS	1946	515 3	--	3	--	DO	V	--
U(C- 2- 1) 8ACD 1	D FIELDSTED	1949	216 3		6	X	DO	V	216
U(C- 2- 1) 9ADD 1	C L BIRD	1955	140 3	--	6	--	DO	V	--
U(C- 2- 1) 9DAD 1	W J MARTIN	1969	740 3	207	6	X	DO	V	533
U(C- 2- 1)10ADB 1	ROOSEVELT CITY	1946	430 3	175	2	P	DO	V	30
U(C- 2- 1)11DCC 1	S A BRIGHTON	1946	295 3	283	4	P	DO	V	5
U(C- 2- 1)12ACA 1	GULF OIL CORP	1973	760 3	--	--	--	DO	V	--
U(C- 2- 1)12CCC 1	ARTHUR WISCOME	1945	180 3	165	2	P	DO	V	15
U(C- 2- 1)13DDD 1	SHIRLEY ALLEN	1971	225 3	202	6	X	DO	V	23
U(C- 2- 1)14AAD 1	L M ANGUS	1941	144 3	120	2	X	DO	V	24
U(C- 2- 1)14CCB 1	THEMIS COSTUROS	1955	65 3	--	7	--	DO	V	--
U(C- 2- 1)14CCC 1	T M BUXTON	1973	560 3	180	4	F	124UINT	V	60
U(C- 2- 1)14CDB 1	THEMIS COSTUROS	1941	667 3	595	2	X	123DCRV	V	72
U(C- 2- 1)14CDB 2	E L BROWN	1946	180 3	150	6	P	DO	V	30
U(C- 2- 1)14DAC 1	J L ALLRED	1957	700 3	--	6	X	DO	V	--
U(C- 2- 1)14DCC 1	V H ALLRED	1929	410 6	240	6	X	DO	V	170
U(C- 2- 1)15AAA 1	FRANK MC CLURE	1933	378 3	334	5	P	DO	V	--
U(C- 2- 1)15AAD 1	B Y WHITMORE	1973	192 3	90	6	X	DO	V	102
U(C- 2- 1)15CAC 1	C D NORBY	1940	600 3	200	2	X	124UINT	V	400
U(C- 2- 1)15CBC 2	BERTRAND SWAIN	1947	583 3	44	7	X	123DCRV	V	539
U(C- 2- 1)15CCD 1	HILAND DAIRY AS	1949	550 3	510	8	P	DO	V	40
U(C- 2- 1)15DDC 1	HAROLD TIMOTHY	1939	560 3	540	5	P	124UINT	V	20
U(C- 2- 1)16BBB 1	L E ALLRED	1942	685 3	660	4	P	123DCRV	V	25
U(C- 2- 1)16DDD 3	ROOS LDS HOSP	1960	620 3	--	8	--	DO	V	--
U(C- 2- 1)17ABA 1	C B LARSEN	1946	275 3	42	5	X	DO	V	233
U(C- 2- 1)17BBB 1	L V HANCOCK	1936	363 3	90	2	X	DO	V	273
U(C- 2- 1)18BBB 1	J W GALLAWAY	1915	356 6	230	2	X	DO	V	126
U(C- 2- 1)18CBB 1	A C BOWDEN	1912	355 6	180	1	--	DO	V	--
U(C- 2- 1)18CBB 2	SPENCER BOWDEN	1971	340 3	200	5	X	DO	V	140
U(C- 2- 1)18DDD 1	M MARCHANT	1946	315 3	58	8	X	DO	V	257
U(C- 2- 1)19BBB 1	W J OSTLER JR	1937	85 3	40	8	X	DO	V	45
U(C- 2- 1)19BBB 1D	W J OSTLER JR	1945	119 3	100	4	P	DO	--	19
U(C- 2- 1)19BCC 1	W J OSTLER SR	1948	150 3	112	4	X	DO	V	--

selected water wells—Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
6880 4	183 D	6-48	H	--	8	--	--	--	DR	--
7045 4	20 D	2-74	H	--	15	--	--	--	D	--
6412 4	--	--	U	P	--	--	--	--	--	--
6415 4	60 D	6-72	H	--	5	98 3	--	--	DR	--
6900 4	45 D	6-57	H	--	3	75 3	--	--	D	--
6895 4	35 D	12-70	N	--	40	70 3	--	--	DR	--
6895 4	35 D	12-70	U	--	40	70 3	--	--	D	--
6740 4	47 D	6-48	H	--	4	28 3	--	--	DR	--
6687 4	3 D	12-68	H	--	7	172 3	--	--	DR	--
6675 5	47 A	5-73	H	--	10	35 3	10.0	C	DR	--
6605 5	65 D	9-52	H	--	30	5 3	--	--	D	--
6562 4	60 D	12-49	H	--	30	--	--	--	D	--
6600 3	50 D	1-49	H	--	30	2 3	--	--	D	--
6530 4	50 D	6-47	H	J	2	156 3	9.5	C	DR	--
6745 4	F A	5-73	S	N	--	--	7.5	K	--	--
6940 5	60 D	11-71	S	--	12	10 3	--	--	DR	--
6880 4	45 A	5-73	S	C	--	--	9.0	K	--	--
6880 4	--	--	H	P	--	--	--	K	--	--
6875 4	40 D	9-69	H	--	260	70 3	7.0	M	DR,J	--
6763 4	--	--	H	--	--	--	10.0	C	--	--
6740 4	14 A	3-72	U	N	--	--	--	--	--	W
6750 5	32 D	5-71	H	--	20	20 3	--	--	DR	--
6725 5	28 A	5-73	H	--	30	5 3	9.0	K	D	--
6720 5	23 A	5-73	H	--	12	4 3	7.5	K	D	--
6745 5	78 D	1-49	H	--	10	-- 3	--	C	DR	--
6755 5	80 D	9-49	H	--	30	5 3	--	--	D	--
6755 5	--	--	H	--	8	-- 3	--	K	DR	--
6870 5	61 D	10-60	U	N	12	4 3	--	--	D	--
6870 5	10 D	11-66	H	--	20	-- 3	13.5	K	DR	--
6640 4	16 D	2-49	H	--	30	3 3	--	K	--	--
6650 4	30 D	6-63	H	J	20	26 3	10.0	C	--	--
6720 5	65 D	3-49	U	--	30	35 3	--	--	D	--
6710 4	62 D	3-49	H	C	30	1 3	14.0	K	D	--
6705 4	26 A	5-73	H	J	30	7 3	10.0	K	D	--
6700 4	4 D	6-49	H	C	30	12 3	--	K	D	--
6442 4	14 A	5-73	H	C	20	13 3	--	K	D	--
6640 4	20 D	2-49	H	--	30	1 3	--	--	D	--
6650 4	71 A	7-73	I	--	300	190 3	--	--	D	--
6590 4	4 D	7-59	H	--	9	20 3	9.0	K	D	--
6590 4	28 A	5-73	H	J	30	2 3	5.5	K	D	--
6600 4	30 D	6-73	U	--	15	22 3	--	--	D	--
6600 4	50 D	5-74	H	--	25	--	--	--	D	--
5138 3	27 D	12-71	H	S	12	30 3	--	C	DR	--
5275 4	30 D	4-46	H	--	8	-- 3	--	--	D	--
5155 4	+5 D	3-73	H	--	40	-- 3	--	--	D	--
5270 4	+70 D	12-60	S	N	76	-- 3	--	--	DR	--
5186 4	F G	-46	H	N	--	--	--	--	--	--
5188 4	+3 D	11-46	H	--	30	-- 3	--	C	--	--
5228 4	+2 D	6-49	H	--	0.8	-- 3	--	--	DR	--
5165 3	21 A	4-73	H	J	4	50 3	--	C	D	--
5136 4	+10 D	3-69	H	--	12	75 3	14.5	C	DR	--
5082 4	+15 D	3-46	P	N	1	-- 3	--	--	D	--
5085 4	+18 D	4-46	H	--	6	-- 3	--	--	DR	--
5170 4	--	--	U	--	2	-- 3	--	--	DR	--
5076 3	40 D	2-45	H	--	3	-- 3	--	--	D	--
5071 4	33 D	12-71	H	[illegible]	12	42 3	--	--	D	--
5065 4	12 D	12-41	H	--	10	-- 3	--	--	D	--
5047 4	15 D	9-55	U	--	20	10 3	--	--	D	--
5049 3	+8 D	5-73	C	S	7	-- 3	12.5	C	DR	--
5042 3	+76 D	7-41	S	--	5	-- 3	--	P	DR	--
5044 4	8 D	2-46	S	--	4	152 3	--	--	DR	--
5042 4	F D	3-57	--	--	5	-- 3	--	--	D	--
5038 4	F G	9-37	H	--	--	--	--	--	DR	--
5068 4	3 D	11-52	H	--	--	-- 3	--	--	--	--
5057 3	2 D	5-73	H	S	12	190 3	--	--	D	--
5081 4	+53 D	4-40	H	J	16	-- 3	12.0	C	DR	--
5096 4	F D	1-47	H	N	12	-- 3	--	--	D	--
5175 4	+20 D	11-49	N	--	4	-- 3	--	--	D	--
5058 3	+17 I	3-71	C	N	5	-- 3	13.5	M	DR	W
5175 4	+12 D	11-42	H	--	10	--	16.5	P	DR	--
5110 4	--	--	U	N	5	240 3	--	--	DR	--
5180 3	+0 D	4-46	H	--	1	-- 3	--	P	D	--
5162 4	+12 D	5-36	H	--	0.7	-- 3	--	--	DR	--
5180 5	--	--	I	--	--	--	--	--	DR	--
5143 3	+24 I	10-36	U	N	2	2 5	12.0	--	--	W
5143 3	+16 D	3-71	S	--	50	-- 3	--	--	DR	--
5115 4	F D	11-46	H	--	2	-- 3	--	--	D	--
5132 3	+12 D	4-37	U	N	21	-- 3	--	--	DR	--
--	+18 D	7-45	I	--	10	-- 3	--	--	D	--
5127 4	+30 D	4-48	H	--	75	-- 3	--	--	D	--

Table 2.--Records of

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(C- 2- 1)20ADC 1	RALPH DRAPER	1973	280 3	--	4	F	123DCRV	V	--
U(C- 2- 1)20ADC 2	J C BENNETT	1974	320 3	140	4	F	DO	V	60
U(C- 2- 1)20BAB 1	S D HIRSCHI	1973	436 3	123	6	X	DO	V	313
U(C- 2- 1)20BBB 1	G G MARCHANT	1953	85 3	35	7	X	DO	BQ	50
U(C- 2- 1)20DAC 1	GEORGE TAYLOR	1916	250 6	--	8	--	DO	V	--
U(C- 2- 1)20DAC 2	LESLIE WILCKEN	1968	312 3	204	6	X	123DCRV	V	108
U(C- 2- 1)20DCD 1	H A STEVENS	1915	140 6	--	1	--	DO	V	--
U(C- 2- 1)20DDD 1	D E LAMBERT	1945	242 3	220	2	P	DO	V	22
U(C- 2- 1)21AAA 1	ROOSEVELT CITY	1946	540 3	520	5	P	124UINT	V	20
U(C- 2- 1)21CCD 1	REESE MURPHY	1972	281 3	152	5	X	123DCRV	V	129
U(C- 2- 1)21CDD 1	J C ZIMMERMAN	1955	350 3	200	5	X	DO	V	150
U(C- 2- 1)22ABA 1	W MC CONKIE	1919	525 6	--	4	--	DO	V	--
U(C- 2- 1)22BAB 1	E H PETERSON	1937	532 3	120	3	X	DO	V	412
		1942	532 3	450	2	X	DO	V	82
U(C- 2- 1)22BBB 1	C C LARSEN	1947	528 3	510	5	P	124UINT	V	18
U(C- 2- 1)22BBC 1	EUGENE HARMSTON	1947	550 3	--	3	X	123DCRV	V	--
U(C- 2- 1)22BCB 1	STEPHEN WOGEC	1935	426 3	80	6	X	DO	V	346
U(C- 2- 1)22CCC 1	MERLIN SULLIVAN	1946	81 3	60	4	P	DO	V	21
U(C- 2- 1)23AAA 1	LDS CHURCH	1934	234 3	10	10	X	DO	V	224
U(C- 2- 1)23ABB 1	M H HOBBS	1973	440 3	41	6	X	DO	V	399
U(C- 2- 1)23BBB 1	THOMAS SHISLER	1942	583 6	--	6	--	124UINT	S	--
U(C- 2- 1)23CCC 1	WAYNE MALIN	1955	161 3	110	7	P	123DCRV	SV	51
U(C- 2- 1)26BBA 1	E E BETTS JR	1954	74 3	60	7	P	112ALVM	2S	14
U(C- 2- 1)27BBB 1	PULOS&SULLIVAN	1938	42 3	42	7	O	DO	--	--
U(C- 2- 1)27BCB 1	GLENN GOODRICH	1945	160 3	111	4	X	123DCRV	V	20
U(C- 2- 1)27DBB 1	SPENCER SQUIRES	1957	42 3	34	6	P	112OTSH	R	8
U(C- 2- 1)28BAB 1	D D WINTERTON	1961	289 3	153	5	X	123DCRV	V	136
U(C- 2- 1)28BCB 1	STATE OF UTAH	1935	412 3	66	8	X	DO	V	--
U(C- 2- 1)29ACC 1	MAJOR OIL CORP	1969	78 3	48	4	F	DO	V	30
U(C- 2- 1)29CCA 1	J A SHRIBER	1949	85 3	--	6	--	DO	V	--
U(C- 2- 1)29DDC 1	H L ALLRED	1947	48 3	40	6	P	112OTSH	SR	5
U(C- 2- 1)30BBC 1	I C BIRD	1957	60 3	26	6	X	123DCRV	V	34
U(C- 2- 1)31DBC 1	R A EKSUND	1959	32 3	32	6	O	DO	V	--
U(C- 2- 1)35BBB 1	J H COOK	1943	100 3	70	4	P	DO	V	30
U(C- 2- 1)35DBB 1	A D WHITE	1952	46 3	46	6	O	112OTSH	SR	--
U(C- 2- 2) 1ACD 1	D L MECHAM	1973	178 3	75	6	X	--	--	--
U(C- 2- 2) 1CAB 1	GULF OIL CORP	1973	340 3	180	6	P	123DCRV	V	160
U(C- 2- 2) 1DDA 1	D H BERTOCH	1946	85 3	--	2	--	DO	V	--
U(C- 2- 2) 2CCC 1	ROOSEVELT CITY	1973	861 1	110	12	P	DO	V	631
U(C- 2- 2) 2CCD 1	D L CAMPBELL	1958	775 3	63	6	X	DO	V	712
U(C- 2- 2) 2CDC 1	D L CAMPBELL	1960	925 3	50	10	X	123DCRV	V	875
U(C- 2- 2) 3CAD 1	GULF OIL CORP	1972	300 3	160	7	P	DO	V	140
U(C- 2- 2) 5DBA 1	GULF OIL CORP	1973	456 3	220	6	P	DO	V	76
U(C- 2- 2) 8DBB 1	GULF OIL CORP	1973	540 3	280	6	P	DO	FV	80
U(C- 2- 2)11BBC 1	P S HANSON	--	--	--	--	--	DO	V	--
U(C- 2- 2)12AAD 1	C L CAMPBELL	1972	940 3	126	8	X	DO	V	794
U(C- 2- 2)12ACD 1	GULF OIL CORP	1973	700 3	350	6	X	DO	V	350
U(C- 2- 2)12ADD 1	D L CAMPBELL	1972	645 3	60	5	X	DO	V	585
U(C- 2- 2)12BBB 1	D L CAMPBELL	1959	800 3	--	8	X	DO	V	--
U(C- 2- 2)12BBD 1	D L CAMPBELL	1959	800 3	--	8	X	DO	V	--
U(C- 2- 2)13BAA 1	G W LARSEN	1937	205 3	60	2	X	DO	V	145
U(C- 2- 2)13CCC 1	DAVID FACKRELL	1918	121 3	--	4	--	DO	V	--
U(C- 2- 2)13DAA 1	HAROLD SWAIN	1920	350 3	--	1	--	DO	V	--
U(C- 2- 2)13DDC 1	HUGH GAGON	1943	75 3	70	4	P	DO	V	5
U(C- 2- 2)14ADD 1	E W HOWELL	1939	229 3	26	2	X	DO	V	203
U(C- 2- 2)14DBB 1	ROOSEVELT CITY	1934	650 3	10	8	X	DO	V	640
U(C- 2- 2)14DBB 2	ROOSEVELT CITY	1934	364 3	--	8	--	DO	V	--
U(C- 2- 2)14DDB 1	ROOSEVELT CITY	1943	465 3	--	8	X	DO	V	--
U(C- 2- 2)14DDB 2	ROOSEVELT CITY	1945	372 3	300	10	P	--	--	--
U(C- 2- 2)14DDC 1	ROOSEVELT CITY	1943	440 3	--	8	X	123DCRV	V	--
U(C- 2- 2)14DDC 2	ROOSEVELT CITY	1945	500 3	10	10	X	DO	V	490
U(C- 2- 2)23ACB 1	ROOSEVELT CITY	1943	400 3	14	8	X	DO	V	386
U(C- 2- 2)23BAB 1	ROOSEVELT CITY	1934	300 6	12	8	X	DO	--	--
U(C- 2- 2)23BAC 1	ROOSEVELT CITY	1930	308 3	86	6	X	DO	V	222
U(C- 2- 2)23BAD 1	ROOSEVELT CITY	1930	250 6	100	2	--	DO	--	--
U(C- 2- 2)23BBD 1	ROOSEVELT CITY	1930	300 3	50	4	X	DO	V	250
U(C- 2- 2)23BDB 1	ROOSEVELT CITY	1929	216 6	40	4	X	DO	V	--
U(C- 2- 2)23BDB 2	ROOSEVELT CITY	1926	268 3	40	6	X	DO	V	228
U(C- 2- 2)23BDB 3	ROOSEVELT CITY	1927	310 6	30	4	X	DO	V	--
U(C- 2- 2)23BDB 4	ROOSEVELT CITY	1929	230 6	50	4	X	DO	V	--
U(C- 2- 2)29CCC 1	MYTON WATER ASN	1971	200 3	108	12	X	124UINT	F	35
U(C- 2- 2)29CCC 1D	MYTON WATER ASN	1972	245 6	210	5	X	DO	V	35
U(C- 2- 2)29CCC 1S	MYTON WATER ASN	1972	165 3	108	12	X	DO	V	57
U(C- 2- 2)30DDD 1	MYTON WATER ASN	1970	200 3	114	12	X	DO	V	86
U(C- 2- 2)31AAA 1	J EICHELBERGER	1971	175 3	107	8	X	DO	--	68
U(C- 2- 2)33DCC 1	STATE OF UTAH	1934	127 3	84	8	--	DO	JF	43
U(C- 2- 2)34DCC 1	HENRY NELSON	1938	78 3	60	1	X	DO	V	18
U(C- 2- 2)36CCC 1	PAUL FOOTE	1950	80 3	--	--	--	DO	S	--
U(C- 2- 3) 5BCB 1	GARY OPERAT CO	1973	380 3	240	6	F	123DCRV	V	140
U(C- 2- 3) 6BAA 1	C B YOUNG	1966	50 3	40	6	P	112OTSH	R	10

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
5097 3	30 D	4-73	H	--	10	-- 3	--	--	D	--
5105 4	20 D	6-74	--	--	15	-- 3	--	--	D	--
5112 3	F D	3-73	H	--	14	60 3	--	--	D	--
5114 4	1 D	6-53	H	--	50	14 3	--	--	D	--
5068 3	F D	--	H	--	7	-- 3	--	--	DR	--
5068 3	+25 D	12-68	H	--	11	-- 3	--	--	DR	--
5064 3	+17 I	10-45	H	--	0.2	--	--	--	--	W
5061 3	+20 D	7-45	H	--	4	-- 3	--	--	D	--
5109 3	+20 D	12-46	P	--	2	-- 3	14.5	M	DR	--
5060 4	16 D	2-72	H	S	12	30 3	--	C	DR	--
5050 4	48 D	5-55	H	--	7	202 3	--	--	D	--
5059 3	+19 I	6-37	H	N	--	--	--	--	--	--
5087 3	+41 I	6-37	U	N	6	-- 3	--	--	DR	W
	+34 I	10-42	H	C	5	-- 3	--	--		
5100 3	+16 D	1-47	H	--	3	-- 3	--	--	DR	--
5100 3	20 D	1-47	H	--	12	100 3	--	--	DR	--
5194 3	+34 I	11-35	H	T	11	-- 3	--	--	DR	W
5029 4	12 D	12-46	H	--	2	69 3	--	--	D	--
5041 3	30 A	11-35	H	P	20	--	--	--	DR	W
5033 3	--	--	H	--	1	-- 3	--	--	D	--
5051 3	F D	--	H	--	--	--	--	--	DR	--
5028 4	4 D	3-55	--	--	25	96 3	--	--	D	--
5021 4	12 D	9-54	H	--	30	-- 3	--	--	D	--
5025 4	5 D	6-38	H	--	60	25 3	--	--	DR	--
5021 3	15 D	12-45	I	--	2	70 3	18.5	P	D	--
5009 3	12 D	1-57	S	--	7	6 3	18.5	P	D	--
5053 4	F D	4-61	H	S	5	-- 3	--	--	D	--
5042 3	F G	7-35	H	--	0.2	-- 6	12.5	--	DR	--
5058 3	+10 D	10-69	N	S	10	50 3	--	C	DR	--
5073 4	--	8-49	S	--	2	-- 3	--	--	D	--
5050 3	35 D	3-47	H	--	5	10 3	--	--	DR	--
5128 4	+14 D	1-57	--	--	6	-- 3	--	--	DR	--
5107 4	11 D	5-59	--	--	10	18 3	--	--	DR	--
4995 4	--	--	H	--	15	-- 3	--	--	DR	--
4973 5	6 D	11-52	--	--	30	7 3	--	--	--	--
5290 3	+18 D	7-73	H	--	--	--	--	--	DR	--
5298 3	+20 D	2-73	N	--	100	320 3	--	--	DR	--
5255 4	+2 D	1-46	H	--	1	-- 3	--	--	DR	--
5458 3	+17 H	2-74	P	--	330	187 2	13.0	M	DR	--
5424 3	+45 H	2-74	S	N	130	-- 3	--	C	DR	--
5413 1	+51 H	2-74	I	N	133	-- 3	--	C	DR	--
5503 3	+110 H	2-74	N	--	43	-- 3	11.5	C	DR	W
5739 4	40 D	6-73	U	--	300	-- 3	--	--	DR	--
5733 3	68 A	9-73	U	S	200	200 3	--	--	DR	--
5433 1	F	5-72	U	N	5	--	13.0	K	--	--
5285 4	+20 D	6-72	H	--	37	-- 3	--	--	DR	--
5282 3	+119 H	3-74	N	N	350	400 3	12.0	C	DR	W
5225 4	+12 D	5-72	H	--	25	-- 3	--	--	D	--
5349 3	+70 D	3-59	S	N	125	-- 3	14.0	P	DR	--
5329 2	+70 D	4-59	S	N	125	-- 3	14.0	C	D	--
5220 4	+32 D	6-37	H	--	12	-- 3	--	--	DR	--
5215 4	+2 D	10-60	H	--	20	20 3	--	--	DR	W
5148 4	F	10-36	H	N	3	--	12.5	--	DR	--
5142 3	+7 I	10-43	H	--	4	2 1	--	--	DR	W
5225 3	+12 D	6-39	H	--	15	-- 3	--	--	DR	--
5290 4	F G	7-34	U	N	100	-- 6	--	--	DR	--
5300 4	F D	10-34	U	N	18	-- 6	--	--	DR	--
5260 4	+21 D	6-43	U	N	65	-- 3	--	--	D	--
5260 4	--	--	U	N	0	--	--	--	D	--
5258 4	F D	8-43	U	N	20	-- 3	--	--	D	--
5258 3	+22 D	7-45	U	--	42	--	--	P	D	--
5255 4	F D	6-43	P	N	35	-- 3	--	--	DR	--
5325 4	F G	--	--	N	12	-- 6	--	--	--	--
5325 4	+11 I	11-35	U	N	37	-- 6	12.5	--	DR	W
5305 4	F D	--	--	N	15	-- 6	--	--	--	--
5335 4	F G	10-60	U	--	3	--	--	--	DR	--
5350 4	F G	--	--	N	10	-- 6	--	--	--	--
5315 4	F G	10-60	U	N	15	--	--	--	DR	--
5295 4	F G	--	--	N	22	-- 6	--	--	--	--
5300 4	F G	--	--	N	20	-- 6	--	--	--	--
5443 3	+3 D	4-71	U	--	380	56 3	--	--	D	--
5443 3	+20 D	12-72	P	N	143	--	13.0	C	DR	--
5443 3	F D	--	U	N	--	--	--	--	--	--
5453 4	11 D	7-70	P	S	605	55 3	13.0	C	DR	--
5450 3	+14 D	3-71	I	--	125	1 3	--	--	DR	--
5353 3	F	11-35	U	N	25	--	13.5	--	DR	--
5283 4	+12 D	1-38	H	--	15	-- 3	--	--	DR	--
5192 4	--	--	U	N	--	--	--	--	D	--
6188 4	100 D	8-73	N	--	70	240 3	--	--	D	--
6258 3	8 D	9-66	H	J	15	5 3	--	--	DR	--

Table 2.--Records of

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(C- 2- 3) 7BAB 1	BOB MILES	1973	31 3	31	6	O	112OTSH	SR	--
U(C- 2- 3)10DAD 1	GEORGE VANGUNDY	--	41 1	--	5	--	--	--	--
U(C- 2- 3)10DDC 1	M F WEBB	1974	100 3	40	4	F	123DCRV	V	60
U(C- 2- 3)13CAC 1	GULF OIL CORP	1973	540 3	350	6	P	DO	V	190
U(C- 2- 3)14CCA 1	A F PEARCE	1964	91 3	19	6	X	DO	V	72
U(C- 2- 3)17DBB 1	WOODWARD EVANS	1949	80 3	25	8	X	123DCRV	V	55
U(C- 2- 3)21BAB 1	E R DRILLMAN	1965	120 3	60	4	F	124UINT	V	60
U(C- 2- 3)25ACA 1	I R FAUSETT	1972	260 3	105	6	X	DO	--	155
U(C- 2- 3)25CBC 1	WOLF	1972	80 6	--	6	--	112OTSH	--	--
U(C- 2- 3)25DAA 1	I R FAUSETT	1971	239 3	75	6	X	124UINT	V	164
U(C- 2- 3)26DAA 1	R G BROUGH	1972	80 3	70	6	P	112OTSH	G	10
U(C- 2- 3)27BBC 1	C E MILES	1972	56 3	56	6	O	DO	SR	--
U(C- 2- 3)27CBB 3	EVA ROBINSON	1970	32 3	22	6	P	DO	R	10
U(C- 2- 3)28ABA 1	F R CLAYBURN	1973	38 3	38	6	O	DO	SR	--
U(C- 2- 3)28DAA 1	STATE OF UTAH	1934	200 3	85	8	X	124UINT	V	--
U(C- 2- 3)29ADD 1	F A MYRIN	1943	200 3	--	6	--	DO	V	--
U(C- 2- 3)33CCD 1	L J GILBERT	1931	910 6	200	2	--	DO	--	--
U(C- 2- 3)33CDD 1	L J GILBERT	1962	350 3	66	8	--	DO	V	284
U(C- 2- 3)36DDD 1	WINTERTON BROS	1948	71 3	41	7	X	DO	V	30
U(C- 2- 4) 1DDD 2	BOB MILES	1973	31 3	31	6	O	112OTSH	SR	--
U(C- 2- 4) 3AAA 1	A L PIERCE	1973	54 3	30	6	X	123DCRV	V	24
U(C- 2- 4) 3CBB 1	MONS JOHANSEN	1949	40 3	--	6	--	112OTSH	R	--
U(C- 2- 4)30DDD 1	M W BLEAZARD	1970	220 3	65	6	P	124UINT	V	135
U(C- 2- 4)31ABD 1	MC CULLOCH OIL	1972	525 3	350	6	P	DO	V	150
U(C- 2- 4)34AAD 1	MC CULLOCH OIL	1973	1000 3	500	6	P	DO	V	130
U(C- 2- 5) 2BBC 1	STATE OF UTAH	1934	303 6	245	8	X	123DCRV	V	--
U(C- 2- 5) 9CAB 1	UNION OIL CO	1952	192 3	--	8	--	DO	F	--
U(C- 2- 5)11ACA 1	CHEVRON PIPE CO	1973	820 3	663	6	X	DO	V	157
U(C- 2- 5)21CCB 1	HOPE ESAUCH	1968	181 3	146	4	P	124UINT	V	35
U(C- 2- 5)25CCA 1	HOWARD PRENTICE	1974	280 3	220	4	F	DO	V	60
U(C- 2- 5)27ACA 1	SHELL OIL CO	1973	740 3	186	6	X	DO	V	358
U(C- 2- 5)27CCC 1	W W STRONG	1932	158 6	--	4	O	DO	V	--
U(C- 2- 5)27CCC 2	W W STRONG	1946	47 3	36	--	P	112OTSH	S	11
U(C- 2- 5)28CDA 1	W I BROWN	1946	80 3	45	6	P	124UINT	SV	12
U(C- 2- 5)28CDA 1D	W I BROWN	1947	150 3	129	6	P	DO	V	21
U(C- 2- 5)29BBD 1	JOSEPH SHANKS	1945	56 3	41	6	P	DO	V	15
U(C- 2- 5)32ACD 1	SHELL OIL CO	1973	600 3	350	6	X	DO	V	60
U(C- 2- 5)34ABB 1	EVELYN BIRCH	1957	148 3	--	--	--	DO	V	--
U(C- 2- 5)34ABB 2	MAX BIRCH	1973	200 3	140	4	P	124UINT	V	40
U(C- 2- 5)35BAB 1	G L CLARK	1972	120 3	90	4	P	DO	V	30
U(C- 2- 6)14DBC 1D	C C WRIGHT	1948	95 3	70	4	P	112OTSH	R	--
U(C- 2- 6)14DBD 1	LELAND WRIGHT	1970	43 3	43	6	O	DO	R	--
U(C- 2- 6)18CDA 1	NATHAN JONES	1945	44 3	28	6	P	DO	S	15
U(C- 2- 6)20ABD 1	P T ABPLANALP	1946	55 3	44	6	P	DO	SR	11
U(C- 2- 6)20BAC 1	ELIZABETH BROWN	1946	57 3	46	6	P	DO	S	10
U(C- 2- 6)21BBA 1	DELBT BROADHEAD	1945	50 3	38	6	P	DO	--	--
U(C- 2- 6)22AAA 1	E N WRIGHT	1947	58 3	49	6	P	DO	S	--
U(C- 2- 6)24AAD 1	MERV BROADHEAD	1945	79 3	41	6	P	DO	--	20
U(C- 2- 6)24BAA 1	MELV BROADHEAD	1945	32 3	21	6	F	DO	R	11
U(C- 2- 7)10ACB 1	BURNELL TURNBOW	1946	150 3	80	6	P	123DCRV	V	15
U(C- 2- 7)10DAB 1	DAVID ROBERTS	1946	61 3	49	6	P	DO	V	11
U(C- 2- 7)11CBD 1	RAY THOMAS	1932	80 6	--	--	--	DO	V	--
U(C- 2- 7)11CDD 1	RAY THOMAS	1973	120	60	4	F	DO	V	60
U(C- 2- 7)13CBA 1	J CHRISTENSEN	--	10 6	10	72	W	111ALVM	TS	--
U(C- 2- 7)13CBA 2	J CHRISTENSEN	1946	36 3	28	6	P	112OTSH	SR	8
U(C- 2- 7)13CBA 3	J CHRISTENSEN	1958	37 3	37	6	O	DO	SR	--
U(C- 2- 7)13CBD 1	J CHRISTENSEN	1944	19 3	15	6	P	DO	SR	4
U(C- 2- 7)13DBC 1	CERT PACKING CO	1966	100 3	41	6	X	DO	SR	1
U(C- 2- 8)25ADA 1	APACHE EXPLORCO	1972	640 3	--	--	--	124UINT	V	--
U(C- 2-10) 6DAA 1	US BUR RECLAM	1970	152 3	138	6	X	211MVRD	V	12
U(C- 2-10)20AAC 1	S A HEALY CO	1972	100 3	40	8	P	211CTCK	C	54
U(C- 3- 1) 6DBB 1	L E POTTER	1935	225 3	22	8	--	124UINT	F	203
U(C- 3- 1)15ABA 1	LESTER KETTLE	1948	300 3	150	6	P	DO	6S	50
U(C- 3- 1)29CDD 1	FRANK URESK	1952	51 3	--	6	--	112OTSH	SR	--
U(C- 3- 1)30DCB 1	DANIEL URESK	1952	51 3	43	4	P	124UINT	V	8
U(C- 3- 1)33ADC 1	ANTONE URESK	1955	36 3	34	6	O	112OTSH	R	--
U(C- 3- 1)33CBC 1	JOHN URESK	1952	44 3	--	6	--	DO	R	--
U(C- 3- 1)33CBC 2	JOHN URESK	1967	20 6	20	6	O	DO	R	--
U(C- 3- 1)36ABC 1	O D GILLEN	1957	27 3	27	6	O	DO	SR	--
U(C- 3- 2) 3AAD 1	R H ROBISON	1934	430 3	185	5	X	124UINT	JF	145
U(C- 3- 2) 3AAD 2	R H ROBISON	1946	42 3	24	2	P	--	--	--
U(C- 3- 2) 3ADA 1	ARIEL MICHIE	1955	38 3	18	7	X	124UINT	S	20
U(C- 3- 2) 5BBA 1	JOHN SPENCER	1946	160 3	125	2	P	DO	JF	35
U(C- 3- 2) 8AAA 1	GARRETT STONE	1953	142 3	26	7	X	DO	--	115
U(C- 3- 2)23DCC 1	M D PETERSON	1972	15 3	15	6	O	112OTSH	--	--
U(C- 3- 2)25AAA 1	W R HARRIS	1951	42 3	15	4	P	DO	R	5
U(C- 3- 2)27CBC 1	L J DELLER	1955	30 3	--	6	--	DO	SR	--
U(C- 3- 2)28CAA 1	F M TANNER	1951	32 3	32	6	O	DO	SR	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
6175 4	4 D	7-73	H	--	20	24 3	--	--	D	--
6010 4	16 A	9-39	U	N	--	--	--	--	--	W
6021 4	40 D	4-74	H	--	10	25 3	--	--	D	--
5895 4	160 D	10-73	N	--	75	-- 3	--	--	D	--
5965 4	24 D	8-64	H	--	12	30 3	--	--	DR	--
6020 4	30 D	10-49	H	--	30	2 3	--	--	DR	--
5890 3	20 D	10-65	H	--	8	80 3	--	--	DR	--
5595 4	28 D	10-72	S	--	25	212 3	--	--	D	--
5594 3	+5 I	5-73	H	--	1	--	9.5	K	--	--
5565 4	F D	10-71	I	--	130	11 3	--	--	DR	--
5601 3	3 A	4-73	H	--	15	15 3	--	C	DR	--
5770 3	10 D	1-72	H	--	15	30 3	--	--	D	--
5754 3	20 D	10-70	I	--	8	10 3	7.5	--	D	--
5797 4	8 D	10-73	H	--	20	22 3	--	--	D	--
5758 4	10 A	11-35	U	N	--	--	--	P	DR	W
5670 4	+11 D	5-43	H	J	10	-- 3	--	C	DR	--
5580 3	+2 I	3-71	S	N	0.3	--	11.5	C	--	W
5530 4	5 D	12-62	H	--	200	100 3	--	--	DR	--
5524	6 D	9-48	S	--	15	-- 3	--	--	DR	--
6193 3	7 D	7-73	H	--	20	21 3	--	--	DR	--
6310	7 D	11-73	H	--	20	23 3	--	--	D	--
6395 4	21 D	4-49	H	--	8	19 3	--	--	DR	--
6125 3	60 D	11-70	S	--	18	99 3	--	--	D	--
6090 4	180 D	12-72	N	--	60	130 3	--	--	DR	--
6285 4	500 D	4-73	N	--	100	100 3	--	--	DR	--
6805 4	0 A	3-71	U	--	10	-- 6	11.0	C	DR	W
7070 4	DRY D	11-52	U	N	0	-- 3	--	--	--	--
6800 4	--	--	N	--	25	-- 3	--	--	D	--
5960 4	49 D	2-68	H	--	15	1 3	--	--	DR	--
6110 4	165 D	2-74	H	--	10	-- 3	--	--	D	--
6050 4	150 D	2-73	N	--	55	-- 3	--	--	DR	--
5850 5	F G	5-38	H	--	1	--	11.0	P	D	--
5850 5	27 D	4-46	H	P	20	2 3	--	--	DR	--
5935 4	45 D	4-46	--	--	5	1 3	--	--	DR	--
5935 4	16 A	3-72	H	J	8	34 3	--	C	D	--
5955 4	9 D	10-45	H	--	10	1 3	--	--	DR	--
6118 4	200 D	4-73	N	--	70	200 3	--	--	D	--
5852 4	20 D	3-57	U	--	12	40 3	--	--	D	--
5852 4	10 D	7-73	H	--	12	125 3	--	--	DR	--
5870 4	15 D	2-72	H	--	20	75 3	--	--	D	--
6070 4	16 D	8-48	H	--	20	1 5	17.5	P	DR	--
6070 4	30 A	3-72	H	J	15	8 3	10.0	C	D	--
6225 4	14 D	12-45	H	--	15	1 3	--	--	DR	--
6190 5	31 D	2-46	H	--	20	2 3	--	--	D	--
6195 4	30 D	3-46	H	--	15	1 3	--	--	D	--
6150 4	16 D	10-45	H	--	12	1 3	--	--	--	--
6105 4	37 D	4-47	H	--	15	-- 3	--	--	D	--
6030 4	32 D	7-45	H	--	5	33 3	--	--	--	--
6025 4	12 D	7-45	H	--	12	4 3	--	--	DR	--
6405 4	55 A	5-73	U	S	4	1 3	--	--	DR	--
6365 4	38 D	1-46	H	J	20	1 3	9.0	--	D	--
6370 5	--	--	H	--	--	--	--	C	--	--
6380 4	85 D	5-73	H	--	8	-- 3	--	--	D	--
6270 4	--	--	U	N	--	--	14.0	P	--	--
6265	8 D	3-46	S	--	20	2 3	--	--	D	--
6270 4	10 D	4-58	H	--	12	6 3	--	--	D	--
6260 4	7 D	11-44	--	--	7	1 3	--	--	--	--
6250 5	15 D	10-66	H	--	25	12 3	--	--	DR	--
6920 4	--	--	U	N	3	640 3	--	--	DR	--
7735 4	60 D	8-70	H	--	--	--	--	M	D	--
7650 5	20 G	--	N	S	50	1 3	8.0	C	DR	--
5271 3	18 D	1-35	H	--	60	-- 3	--	--	DR	--
5065 4	50 D	4-48	U	--	5	50 3	--	--	DR	--
5045 3	4 D	8-52	H	--	40	16 3	--	--	DR	--
5057 3	5 D	8-52	H	--	20	15 3	--	--	D	--
5024 4	19 D	2-55	H	--	14	4 3	--	--	--	--
5045 3	9 D	8-52	U	--	20	6 3	--	K	D	--
5045 3	--	--	H	C	--	--	10.0	--	--	--
4954 3	10 D	5-57	H	--	12	4 3	--	--	D	--
5262 3	+148 H	6-37	U	N	120	--	13.0	P	DR	--
5262 3	10 D	5-46	S	--	60	-- 3	--	--	--	--
5265 3	10 D	3-55	S	--	10	18 3	--	M	D	--
5437 4	+20 D	4-46	H	--	2	-- 3	--	--	DR	--
5479 4	50 D	11-53	H	--	10	85 3	--	--	DR	--
5085 4	12 D	12-72	--	--	4	24 3	--	--	DR	--
5060 3	9 D	2-51	H	--	12	6 3	--	--	DR	--
5138 3	15 D	4-55	H	--	12	5 3	--	--	--	--
5141 4	8 D	1-51	S	--	30	2 3	10.5	P	--	--

Table 2.--Records of

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(C- 3- 2)29BAD 1	D SHELTON	1946	100 3	--	4	--	124UINT	V	--
U(C- 3- 2)29CBB 1	WANLESS SHIELDS	1947	119 3	68	5	X	DO	S	51
U(C- 3- 2)30AAD 1	MARION ROSS	1946	115 6	67	6	--	DO	--	--
U(C- 3- 2)30CDD 1	HERBERT MURPHY	1960	72 6	72	--	--	DO	--	--
U(C- 3- 2)31BAC 1	FRANK MURPHY	1960	48 3	48	6	0	112OTSH	R	--
U(C- 3- 2)31DCD 1	E B MURPHY	1958	80 3	80	6	0	124UINT	V	--
U(C- 3- 2)33DDA 1	L HARDINGER	1952	90 3	80	5	P	DO	F	--
U(C- 3- 3) 4BBA 1	N G BALDWIN	1973	300 3	120	4	F	DO	V	50
U(C- 3- 3) 4DAA 1	E G MULLINS	1970	200 3	100	4	F	DO	--	100
U(C- 3- 3) 8BDC 1	HALE HOLGATE	1943	175 3	--	6	--	DO	V	69
U(C- 3- 3) 8CDD 1	H T RICHINS	1932	240 6	100	2	--	DO	--	--
U(C- 3- 3)10CAB 1	RAY GILL	1941	52 3	52	6	0	112OTSH	5R	--
U(C- 3- 3)10CAB 2	M W BLEAZARD	1951	142 3	136	5	P	124UINT	V	6
U(C- 3- 3)12ACD 1	L O SERKIST	1959	64 3	36	6	X	DO	V	28
U(C- 3- 3)13ADB 1	FAIRBANKS LVSTK	1946	90 3	35	7	X	DO	V	55
U(C- 3- 3)14DCC 1	A B EVANS	1951	75 3	--	5	--	DO	V	--
U(C- 3- 3)15BBC 1	ERVIN JOHNSON	1966	270 3	46	6	X	DO	V	224
U(C- 3- 3)17DAD 1	FRANK HORRICKS	1933	202 6	60	6	X	DO	--	--
U(C- 3- 3)21DAA 1	J F ROSS	1943	86 3	--	--	--	DO	V	--
U(C- 3- 3)24DAA 1	E M KELLER	1947	50 3	30	6	P	112OTSH	R	13
U(C- 3- 3)25DCC 1	EVANS	1971	60 6	--	--	--	DO	--	--
U(C- 3- 3)27AAA 1	J C ROSS	1943	256 3	--	4	--	124UINT	V	--
U(C- 3- 3)28BBC 1	I W JOHNSON	1946	400 3	60	3	X	DO	F	340
U(C- 3- 3)31CDC 1	J BLEAZARD	1957	36 3	35	6	0	112OTSH	R	--
U(C- 3- 3)34DCC 1	VARLEN JOHNSON	1963	254 3	26	6	X	124UINT	V	228
U(C- 3- 3)35CBC 1	D K CLAYBURN	1962	100 3	38	6	X	DO	V	62
U(C- 3- 4) 1CDB 1	GRANT HANSEN	1963	615 3	59	8	X	DO	V	556
U(C- 3- 4) 7ACA 1	GULF OIL CORP	1972	460 3	400	7	P	DO	V	60
U(C- 3- 4) 7CAD 1	KNIGHT INV CO	1927	402 3	177	6	X	DO	V	225
U(C- 3- 4) 7CAD 2	KNIGHT INV CO	1922	209 3	--	6	--	DO	V	--
U(C- 3- 4)21AAA 1	KNIGHT INV CO	1927	261 3	--	4	P	DO	V	--
U(C- 3- 4)22BAB 1	DUCHESNE COUNTY	--	175 6	175	2	--	DO	--	--
U(C- 3- 4)26CDC 1	LLOYD REMUND	1957	60 3	58	6	0	112OTSH	5R	--
U(C- 3- 4)27DDA 1	EMIL MUNZ	1945	97 3	63	6	P	124UINT	V	6
U(C- 3- 4)30BCD 1	DUCHESNE CITY	1949	350 3	320	5	P	DO	S	--
U(C- 3- 4)30CCB 1	DUCHESNE CITY	1973	500 3	220	5	P	DO	V	180
U(C- 3- 4)31CAB 1	KERMIT POULSON	1946	70 3	41	6	P	112OTSH	5R	29
U(C- 3- 4)31CCB 1	HAROLD SPENCER	1945	70 3	44	6	P	DO	R	26
U(C- 3- 4)31DAD 1	G K STRATTON	1970	30 3	20	5	P	DO	R	10
U(C- 3- 4)32ABD 1	W J MERKLEY	1945	65 3	62	8	X	DO	G	3
U(C- 3- 4)32BDA 1	ELMER MOON	1944	59 3	50	6	P	112OTSH	S	9
U(C- 3- 4)32CBC 1	PHILLIP MOON	--	40 6	--	--	--	DO	5R	--
U(C- 3- 4)33ACA 1	E C WIMMER	1947	50 3	38	6	P	DO	5R	11
U(C- 3- 4)33ADB 1	MAXINE BURDICK	1949	51 3	41	4	P	DO	R	10
U(C- 3- 4)33BAD 1	D THOMAS	1947	43 3	30	6	P	DO	5R	10
U(C- 3- 4)33BBC 1	JOHN RAYBURN	1951	43 3	36	4	P	DO	R	7
U(C- 3- 4)34ACA 1	HARVEY GEE	1951	50 3	42	5	P	DO	R	8
U(C- 3- 4)34BAC 1	GEORGE MARETT	1946	53 3	41	6	P	DO	S	9
U(C- 3- 4)34BCB 1	G GOURDIN	1949	32 3	22	4	P	DO	R	10
U(C- 3- 4)34BDA 1	HARVEY GEE	1952	40 3	32	4	P	DO	R	8
U(C- 3- 4)35ADC 1	J A SWASEY	1969	16 3	16	6	0	DO	G	--
U(C- 3- 4)35DAB 1	T B ABOTT	1971	58 3	48	6	P	DO	R	10
U(C- 3- 4)36CAD 1	L R SWASEY	1945	41 3	36	6	P	DO	R	5
U(C- 3- 4)36CBA 1	G L SWASEY	1969	48 3	48	6	0	DO	R	--
U(C- 3- 4)36DDB 1	E O BENCH	1947	48 3	40	6	P	DO	R	8
U(C- 3- 5) 5AAC 1	GULF OIL CORP	1973	700 3	400	6	P	124UINT	V	200
U(C- 3- 5) 7ACA 1	UTE TRIBE-GULF	1972	500 3	400	9	P	DO	V	100
U(C- 3- 5)13BBB 2	M B WHITE	1948	50 3	40	6	P	112OTSH	5R	10
U(C- 3- 5)13CAC 1	DUCHESNE CITY	1970	35 3	35	22	0	DO	5R	--
U(C- 3- 5)13CAC 2	DUCHESNE CITY	1972	37 3	37	12	0	DO	5R	--
U(C- 3- 5)13CAC 3	DUCHESNE CITY	1972	35 3	35	20	0	DO	R	--
U(C- 3- 5)13CAC 4	DUCHESNE CITY	1973	35 3	35	12	0	DO	5R	--
U(C- 3- 5)13CAC 5	DUCHESNE CITY	1973	43 3	43	12	0	DO	5R	--
U(C- 3- 5)13CCC 1	DUCHESNE CITY	1957	47 3	47	8	0	DO	5R	--
U(C- 3- 5)14DDD 1	DUCHESNE CITY	1957	45 3	42	12	0	DO	5R	--
U(C- 3- 5)14DDD 2	DUCHESNE CITY	1959	49 3	49	12	0	DO	5R	--
U(C- 3- 5)24ACC 1	VERNAL BROMLEY	1947	100 3	46	6	P	DO	S	10
U(C- 3- 5)24BBB 1	DUCHESNE CITY	1962	40 3	38	12	X	DO	5R	2
U(C- 3- 5)25BCB 1	C P CHILD	1959	14 3	14	6	0	DO	5R	--
U(C- 3- 5)25BCB 10	WRIGHT RANCH CO	1970	29 3	29	6	0	DO	5R	--
U(C- 3- 5)25BCC 1	C P CHILD	1959	29 3	29	6	0	DO	5R	--
U(C- 3- 5)25CCC 1	D E BASTIAN	1966	57 3	57	8	0	DO	5R	--
U(C- 3- 5)25DBA 1	LYN MILLER	1972	310 3	245	6	F	124UINT	V	65
U(C- 3- 5)25DCA 1	BRINKERHOFF CO	1972	300 3	240	6	F	DO	V	47
U(C- 3- 5)31DCD 1	D T JONES	1969	200 3	42	6	X	DO	F	158
U(C- 3- 5)36BBD 1	J W ROZZELLE	1947	50 3	50	6	0	112OTSH	5R	--
U(C- 3- 5)36DCC 1	J A CLEMENT	--	16 1	--	12	W	DO	--	--
U(C- 3- 5)36DDC 1	D W BAUM	1954	144 3	15	6	P	DO	5R	26
U(C- 3- 6)25CDA 1	C D LINSCHOTEN	1973	130 3	100	5	F	124UINT	V	--
U(C- 3- 7) 9ADC 1	MOBIL OIL CORP	1971	500 3	--	5	--	DO	V	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
5183 3	20 D	12-46	H	--	5	55 3	--	--	DR	--
5210 5	32 D	4-47	H	--	4	-- 3	--	--	D	--
5183 3	--	--	H	--	7	-- 6	--	--	--	--
5225 3	13 G	--	H	C	--	--	15.5	K	--	--
5213 3	20 D	5-60	H	C	12	10 3	15.0	K	DR	--
5192 3	30 D	12-58	S	--	10	10 3	--	--	D	--
5260 4	26 D	11-52	H	--	4	59 3	--	--	D	--
5600 5	60 D	9-73	H	--	6	--	--	--	D	--
5468 4	+5 D	5-70	H	--	15	80 3	--	C	D	--
5463 4	+20 D	5-43	I	--	20	-- 3	12.0	P	DR	--
5423 3	+13 I	10-36	H	N	0.3	-- 1	11.5	--	--	W
5368 4	8 D	3-41	U	--	100	8 3	--	P	D	--
5368 4	+30 D	10-51	H	--	25	-- 3	--	C	DR	--
5261 4	+14 D	12-59	S	--	7	-- 3	--	--	DR	--
5184 4	5 D	12-46	S	--	2	-- 3	--	--	D	--
5270 3	10 D	10-51	H	--	25	50 3	--	P	D	--
5351 4	F D	9-66	H	--	3	-- 3	--	--	DR	--
5371 4	12 A	10-36	U	--	--	--	--	--	--	W
5311 3	--	--	U	N	--	--	--	--	DR	--
5215 3	8 D	1-47	H	--	5	10 3	--	--	DR	--
5263 3	--	--	H	C	--	--	13.5	K	--	--
5267 3	+10 D	4-43	S	--	50	-- 3	--	--	D	--
5348 3	--	--	U	--	3	-- 3	--	--	DR	--
5343 3	3 A	4-72	U	N	10	8 3	12.0	C	D	--
5330 4	--	--	H	--	3	-- 3	--	--	DR	--
5292 5	65 G	--	H	--	1	45 3	--	--	D	--
5611 2	F D	10-63	S	N	15	-- 3	10.0	C	DR	--
5960 4	30 D	4-72	N	--	60	320 3	--	--	D	--
5935 4	125 A	10-36	U	P	3	-- 6	--	--	DR	W
5934 4	123 A	10-38	U	P	3	-- 6	--	--	D	W
5923 4	91 A	10-36	U	--	--	--	--	--	DR	W
5945 3	165 A	3-71	U	--	--	--	--	--	--	W
5478 3	17 D	3-57	U	--	10	8 3	--	--	DR	--
5500 4	31 D	5-45	S	P	2	-- 3	--	--	DR	--
5812 3	225 D	1-49	U	N	11	125 3	--	--	DR	--
5755 4	--	--	P	--	4	382 3	--	--	D	--
5640 3	38 D	12-46	H	C	20	6 3	8.0	K	DR	--
5645 3	30 D	6-45	H	C	7	18 3	10.0	K	D	--
5458 3	8 D	5-70	H	J	12	4 3	10.0	K	D	--
5469 3	27 G	1-45	U	--	40	1 3	--	--	DR	--
5476 3	28 D	11-44	U	--	25	1 3	--	--	DR	--
5458 4	--	--	H	--	--	--	--	P	--	--
5431 3	18 D	2-47	S	J	35	1 3	11.0	K	D	--
5430 3	20 D	1-49	H	J	20	2 3	--	K	D	--
5438 3	19 D	2-47	H	J	35	1 3	10.0	K	D	--
5462 3	20 D	10-51	H	J	10	3 3	--	K	D	--
5432 3	23 A	4-72	S	J	20	1 3	11.0	K	D	--
5440 3	31 D	5-46	H	J	24	1 3	12.5	K	DR	--
5412 3	6 D	2-49	U	N	20	14 3	--	--	D	--
5424 3	10 D	7-52	H	J	20	1 3	12.5	K	D	--
5383 3	--	--	H	J	5	--	10.0	K	D	--
5382 3	11 D	5-71	H	--	12	14 3	10.0	C	DR	--
5380 3	15 G	4-72	H	J	20	1 3	10.0	K	DR	--
5386 3	29 A	4-72	H	J	10	33 3	9.5	K	D	--
5365 4	18 D	2-47	H	--	30	1 3	13.5	P	DR	--
6125 4	240 D	10-73	N	--	60	--	--	--	D	--
5890 4	16 D	2-72	N	S	35	384 3	13.5	C	DR	--
5712 4	30 D	2-48	H	--	20	1 3	--	--	DR	--
5660 4	1 D	6-70	P	T	--	--	--	C	DR	--
5660 3	8 D	6-72	P	--	177	-- 3	--	--	D	--
5660 4	8 D	5-72	P	--	143	20 3	--	--	D	--
5660 3	11 D	5-73	P	--	130	6 3	--	--	D	--
5660 3	12 D	6-73	P	--	135	3 3	--	--	D	--
5653 3	7 D	4-57	U	N	50	31 3	--	--	D	--
5661 3	3 D	10-57	P	T	200	35 3	--	--	D	--
5665 2	10 D	7-59	P	--	125	25 3	--	--	DR	--
5665 4	35 D	4-47	H	--	20	1 3	--	--	DR	--
5651 3	2 D	9-62	P	T	120	30 3	--	--	D	--
5589 3	5 D	6-59	N	--	10	5 3	--	--	D	--
5589 3	11 D	4-70	H	--	10	12 3	--	--	D	--
5586	7 D	4-59	--	--	10	8 3	--	--	D	--
5575 3	5 D	6-66	H	--	20	35 3	--	--	DR	--
5765 4	--	--	H	--	10	-- 3	--	--	D	--
5746 4	74 A	3-73	H	S	8	-- 3	--	M	DR	--
5790 3	24 D	7-69	H	S	9	169 3	10.0	C	DR	--
5564 4	7 D	3-47	U	--	35	7 3	--	--	DR	--
5536 4	5 A	10-36	U	N	--	--	--	--	--	W
5648 3	19 D	12-54	U	N	< 0.4	125 3	--	--	DR	--
5750 4	+3 D	12-73	H	--	5	63 3	--	--	D	--
6924 5	--	--	U	N	2	-- 3	--	--	DR	--

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(C- 3- 7)19DBA 1	B T COLEMAN	--	--	--	--	X	124UINT	V	--
U(C- 3- 7)19DBA 2	STATE ROAD COMM	1969	85 3	50	8	P	DO	V	35
U(C- 3- 8) 7DDB 1	PAUL YOUNG	1957	124 3	120	6	X	DO	V	4
U(C- 3- 8)18BCB 1	ALDEN MUIR	1968	111 3	23	6	X	DO	V	88
U(C- 3- 8)23BAD 1	MARION WOODS	1973	340 3	245	4	P	DO	JV	20
U(C- 3- 8)23CAB 1	SKYWAYS CRED CO	1973	460 3	310	4	P	DO	V	40
U(C- 3- 8)25CAC 1	R O CLARK	1969	100 3	35	4	P	DO	V	--
U(C- 3- 8)25CCD 1	B TALLON	1973	410 3	220	4	P	DO	V	60
U(C- 3- 8)25CDD 1	H L MECHAM	1973	160 3	--	4	--	DO	V	--
U(C- 3- 9) 1DCC 1	COLEMAN & SONS	1974	690 3	--	--	--	DO	--	--
U(C- 3- 9) 1DCD 1	B T COLEMAN	1948	490 3	39	6	P	DO	OL	--
U(C- 3- 9) 6CBC 1	S A HEALY CO	1971	201 3	116	8	P	DO	L	16
U(C- 3- 9)12CBB 1	ALDEN MUIR	1966	80 3	27	6	X	DO	V	53
U(C- 3- 9)13ADA 1	FERRIS SWEAT	1969	105 3	16	6	X	DO	V	89
U(C- 3- 9)13DCC 1	Z P SWEAT	1969	140 3	20	6	X	DO	V	120
U(C- 3- 9)14AAB 1	MARVIN SWEAT	1969	300 3	0	6	--	DO	V	--
U(C- 3- 9)14CCC 1	H M PACE	1970	380 3	--	6	--	DO	V	--
U(C- 3- 9)14CCC 2	H M PACE	1970	60 3	60	6	F	DO	F	--
U(C- 3- 9)21CDA 2	C W HOOVER	1971	140 3	121	6	X	DO	L	19
U(C- 3- 9)21DDD 1	MUNZ AND SEXTON	1950	90 3	80	4	--	DO	V	--
U(C- 3- 9)23AAD 1	D L SWEAT	1972	180 3	--	6	--	DO	--	--
U(C- 3- 9)23AAD 2	D L SWEAT	1974	400 3	280	4	X	DO	--	--
U(C- 3- 9)23BBA 1	LEWIS MECHAM	1948	93 3	--	--	--	DO	V	--
U(C- 3- 9)23BBB 1	PHILLIPS PET CO	1969	140 3	--	--	--	DO	V	--
U(C- 3- 9)24AAA 1D	F C BROOKS	1934	548 3	325	3	X	DO	--	--
U(C- 3- 9)24AAA 2	L CHRISTENSEN	1965	110 6	--	--	--	DO	--	--
U(C- 3- 9)24ACA 1	ALDEN MUIR	1962	116 3	8	8	X	DO	V	108
U(C- 3-10) 5DBA 1	S A HEALY CO	1971	184 3	75	8	P	123DCRV	G	10
U(C- 3-10)22CAC 1	EMORY SMITH	1961	213 3	25	15	P	124UINT	C	106
U(C- 3-10)32BCD 1	V A MAHONEY	1971	120 3	20	8	P	DO	V	27
U(C- 3-10)32BCD 2	V A MAHONEY	1971	200 3	40	5	P	DO	V	64
U(C- 3-10)32DCC 1	V A MAHONEY	1971	260 3	210	5	P	DO	V	30
U(C- 3-10)32DCD 1	V A MAHONEY	1970	340 3	30	6	X	DO	V	310
U(C- 3-11)15CBB 1	WTR HOL CONTRS	1968	83 3	83	8	O	112OTSH	5R	--
U(C- 3-12)35BCD 1	US FOREST SERV	1920	4 6	4	24	W	124UINT	--	--
U(C- 4- 1) 7CCB 1	R J MARTI	1949	36 3	16	6	X	111ALVM	R	9
U(C- 4- 1)17CCC 1	KEN HIGLEY	1951	25 3	15	48	--	124UINT	S	--
U(C- 4- 1)18ACB 1	W B ABAGGLEN	1951	33 3	23	3	P	--	2S	10
U(C- 4- 1)18CCC 1	LEON ROSS	--	--	--	--	--	--	--	--
U(C- 4- 1)18DCC 1	C VAN TASSELL	1945	80 3	15	6	--	111ALVM	R	5
U(C- 4- 1)19BBB 1	M LISONBEE	1945	40 3	30	6	P	111ALVM	R	10
U(C- 4- 1)21CCC 1	HOWARD ROBERTS	1948	250 3	20	6	X	124UINT	F	150
U(C- 4- 1)21DCD 1	LOUIS ROBERTS	1948	150 3	20	6	X	DO	F	--
U(C- 4- 1)28ABA 1	LOUIS ROBERTS	1948	150 3	20	6	O	DO	F	--
U(C- 4- 2) 1AAA 1	CHARLES COX	--	--	--	--	--	--	--	--
U(C- 4- 2) 2CDA 1S	CHEVRON PIPE CO	1950	108 3	91	12	P	124UINT	V	1
U(C- 4- 2) 5AAA 1	D S DEAN	1949	28 3	--	6	--	112OTSH	G	--
U(C- 4- 2) 5ABB 1	GUY GILES	1945	23 3	20	6	X	DO	G	2
U(C- 4- 2) 5BBA 1	LAMAR NIELSEN	1935	1120 6	--	--	--	124UINT	V	--
U(C- 4- 2) 5BBA 2	LAMAR NIELSEN	1935	40 1	--	8	--	112OTSH	R	--
U(C- 4- 2) 5BBA 3	LAMAR NIELSEN	--	8 1	8	2	O	DO	R	--
U(C- 4- 2) 6AAD 1	FLOYD NIELSEN	1952	20 6	20	6	O	--	--	--
U(C- 4- 2)13DAA 1	ALDEN KYNASTON	1963	24 3	24	6	O	111ALVM	G	--
U(C- 4- 2)13DAA 2	ALDEN KYNASTON	1969	28 3	28	6	O	124UINT	F	--
U(C- 4- 2)13DAA 3	ALDEN KYNASTON	1946	28 3	6	6	X	--	--	--
U(C- 4- 2)13DDD 1	N D ALLEN	1952	48 3	29	6	--	124UINT	S	10
U(C- 4- 2)14BBB 1	MARION ROSS	1954	65 3	50	6	--	DO	V	2
U(C- 4- 2)14BCC 1	J E WILKENS	1957	80 3	--	6	--	111ALVM	G	--
U(C- 4- 2)15AAC 1	L S ROSS	1954	43 3	--	6	--	112OTSH	R	--
U(C- 4- 2)15BCD 1	US BUR RECLAM	--	--	--	--	--	111ALVM	6R	--
U(C- 4- 2)15DBA 1	JOE SHIELD	1957	46 6	46	--	O	--	--	--
U(C- 4- 3) 3AAA 1	AUSTIN BEAL	1948	64 3	38	6	P	124UINT	V	--
U(C- 4- 3) 3CBB 1	ROY TAYLOR	1931	218 6	--	3	--	--	--	--
U(C- 4- 3) 4BDC 1	US BUR RECLAM	1937	47 1	--	4	--	112OTSH	--	--
U(C- 4- 3) 4CAC	W H NIELSEN	1963	28 3	27	6	X	DO	G	--
U(C- 4- 3) 4CBA 1S	TERRY HALLADAY	1943	250 3	180	4	P	124UINT	8L	29
U(C- 4- 3) 4DAA 1	JOHN LIDDELL	1953	55 3	33	6	O	112OTSH	R	--
U(C- 4- 3) 5ADB 1	EUGENE LIDDELL	1948	59 3	48	6	P	DO	5R	11
U(C- 4- 3) 5BBD 1	JOEL COLEMAN	1947	100 3	41	6	X	124UINT	JF	59
U(C- 4- 3) 9ABD 1	W W NIELSEN	1948	52 3	39	6	X	112OTSH	G	13
U(C- 4- 3) 9ABD 2	K J NIELSEN	1962	55 3	38	6	X	124UINT	V	15
U(C- 4- 3) 9BBD 1	LDS CHURCH	1966	70 3	46	6	X	DO	V	7
U(C- 4- 3) 9BCA 1	HALL THORNE	1973	120 3	51	8	X	DO	V	69
U(C- 4- 3)10ABA 1	JOHN LIDDELL	1946	250 3	81	6	X	DO	F	--
U(C- 4- 3)10ABB 1	ROGER HICKEN	1953	180 3	70	4	X	--	--	--
U(C- 4- 3)10CBB 1	W SHEPARD	1948	56 3	56	7	O	112OTSH	R	--
U(C- 4- 3)11ABA 1	W SHEPARD	1936	175 3	53	4	X	124UINT	--	--
U(C- 4- 3)11ADD 1	A K JOHN	--	45 6	45	6	O	112OTSH	--	--
U(C- 4- 3)11BAB 1	D B SMITH	1942	--	--	6	--	DO	--	--
U(C- 4- 3)11CAA 1	C NATION	1938	69 6	69	6	O	124UINT	--	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
6750 5	F G	11-68	U	--	--	--	--	C	--	--
6750 5	60 A	3-73	R	S	20	30 3	--	C	DR	--
6700 5	10 D	9-57	H	--	10	6 3	--	--	D	--
6670 5	14 D	5-68	S	--	8	30 3	--	--	DR	--
6540 4	210 D	8-73	H	S	5	--	--	C	DR	--
6520 5	320 D	8-73	H	--	5	--	--	--	D	--
6870 5	35 D	11-69	H	--	10	45 3	11.5	C	D	--
6945 4	180 D	--	H	--	7	210 3	--	--	DR	--
7000 5	50 D	7-73	H	--	5	35 3	--	--	D	--
6840 4	--	--	U	--	0.5	-- 3	--	--	D	--
6850 5	18 D	5-49	H	--	2	12 3	--	--	DR	--
6925 5	F D	3-71	H	S	58	19 3	--	M	DR	--
6710 5	12 D	9-66	H	J	12	8 3	--	--	DR	--
6685 5	16 D	6-69	S	--	8	40 3	--	--	D	--
6650 5	6 D	3-69	H	--	8	129 3	--	--	D	--
6780 5	--	--	U	N	9	60 3	--	--	DR	--
--	--	--	U	N	--	--	--	--	DR	--
6802 5	25 D	10-70	H	--	8	-- 3	--	--	D	--
6666 4	+45 D	6-71	H	N	40	--	--	C	DR	--
6675 4	14 D	10-50	U	N	0.2	-- 3	--	--	D	--
6685 5	--	--	U	N	2	-- 3	--	--	D	--
6685 5	--	--	H	--	4	280 3	--	--	DR	--
6780 5	--	--	U	N	3	-- 3	--	--	DR	--
6790 5	DRY D	10-69	U	N	0	--	--	--	D	--
6620 4	6 A	11-35	U	N	10	20 6	--	C	D	--
6610 4	--	--	H	--	--	--	10.0	M	--	--
6670 5	47 D	10-62	H	--	20	33 3	--	--	D	--
7610 5	13 D	3-71	N	S	68	6 3	--	C	DR	--
7480 4	5 A	11-73	U	N	12	80 1	7.0	C	DR	--
7660 5	12 A	11-73	U	N	30	20 3	7.0	M	D	--
7670 5	7 A	11-73	U	N	15	35 3	--	P	DR	--
7725 5	210 D	10-71	U	N	5	10 3	--	--	D	--
7635 5	80 D	10-70	U	--	7	150 3	--	--	DR	--
7675 5	30 D	9-68	U	--	35	46 3	--	C	DR	--
7900 6	+1 G	12-58	H	--	3	-- 6	--	--	--	--
5182 3	16 D	4-49	U	C	12	-- 3	--	--	DR	--
5155 3	10 D	3-51	H	--	30	5 3	--	--	D	--
5195 3	15 D	3-51	--	--	30	5 3	--	--	--	--
5205 3	--	--	H	J	--	--	--	--	--	--
5185 3	15 D	4-45	U	J	60	10 3	--	--	DR	--
5209 3	18 A	5-72	S	C	10	5 3	--	--	D	--
5188 3	20 A	5-72	U	--	--	--	--	--	D	--
5155 3	20 D	11-48	U	--	20	15 3	--	--	D	--
5155 3	20 D	10-48	U	--	15	10 3	--	--	D	--
5092 3	--	--	H	--	--	--	15.5	K	--	--
5295 3	25 A	6-50	U	C	25	49 3	--	--	DR	--
5190 3	8 D	6-49	U	N	40	10 3	--	--	D	--
5180 3	8 D	4-45	U	N	20	2 3	--	--	DR	--
5185 3	--	--	U	N	--	--	--	--	DR	--
5185 3	1 A	3-71	H	J	--	--	11.5	C	D	W
5185 3	4 A	11-43	U	N	--	--	11.5	--	D	--
5200 3	--	--	H	C	--	--	10.5	K	--	--
5190 3	8 A	5-72	S	C	30	20 3	1.0	--	D	--
5195 3	17 A	5-72	S	C	20	25 3	14.0	P	D	--
5192 3	--	12-46	U	--	--	--	--	--	--	--
5205 3	13 A	5-72	U	C	25	10 3	--	--	D	--
5237 3	24 D	12-54	U	J	8	16 3	--	--	D	--
5245 3	10 D	11-57	U	--	10	5 3	--	--	DR	--
5250 3	20 D	12-54	U	--	5	18 3	--	--	--	--
5270 4	--	--	U	--	--	--	--	P	--	--
5258 3	--	--	H	J	--	--	--	--	--	--
5313 4	7 D	6-48	H	--	4	1 3	9.5	K	D	--
5277 3	9 A	10-36	H	--	--	--	--	--	--	W
5288 4	10 A	9-39	U	N	--	--	--	--	--	W
5291 3	15 G	--	H	C	20	23 3	--	--	D	--
5290 3	0 D	6-43	U	N	3	40 3	8.5	M	DR	--
5277 3	18 D	12-53	H	C	12	5 3	--	--	DR	--
5320	36 D	2-48	H	--	20	1 3	--	--	D	--
5338 3	30 D	2-47	S	J	20	20 3	11.5	K	DR	--
5325 3	30 D	2-48	U	--	6	4 3	--	--	D	--
5325 3	40 D	3-62	H	C	12	-- 3	--	--	D	--
5327 3	31 A	5-72	H	C	10	30 3	11.5	C	DR	--
5340 4	40 D	3-73	H	--	7	30 3	--	--	D	--
5282 3	12 D	5-46	H	C	2	-- 3	10.0	K	DR	--
5280 3	12 D	12-53	S	C	10	-- 3	12.0	K	--	--
5325 3	38 D	12-48	H	C	30	2 3	--	C	D	--
5255 3	+3 I	10-36	U	--	--	--	11.5	K	--	--
5282 3	--	--	H	C	--	--	11.5	K	--	--
5255 3	--	--	H	--	--	--	14.0	K	--	--
5290 3	--	--	H	C	--	--	13.0	K	--	--

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(C- 4- 3)11CBB 1	C NATION	--	48 6	48	--	--	124UINT	--	--
U(C- 4- 3)11CDB 1	R D PEATRESS	1967	100 3	--	6	X	112OTSH	R	28
U(C- 4- 3)11DCB 1	R D PEATRESS	1945	95 3	43	6	P	124UINT	F	8
U(C- 4- 3)12ACA 1	ROBERT ALLRED	1945	40 3	37	6	--	112OTSH	G	3
U(C- 4- 3)12CAB 1	WALACE PITT	--	70 6	--	6	--	124UINT	--	--
U(C- 4- 3)16ACB 1	D FARNSWORTH	1964	67 3	62	6	O	112OTSH	R	--
U(C- 4- 4) 1ABB 1	D W COVINGTON	1950	27 3	20	4	P	DO	R	7
U(C- 4- 4) 1DAA 1	D W COVINGTON	1961	43 3	--	6	P	DO	G	--
U(C- 4- 4) 6BCA 1	R H BLAIN	1970	31 3	21	6	P	DO	5R	10
U(C- 4- 4) 6BCC 1	B W O'TOOLE	1929	10 6	10	18	W	DO	5R	--
U(C- 4- 4) 6BCC 2	B W O'TOOLE	1939	14 6	14	24	W	DO	R	--
U(C- 4- 4) 6BCC 3	F LUNDGREN	1915	12 6	--	48	W	DO	R	--
U(C- 4- 4) 6BDA 1	SAM BURDICK	1950	50 3	40	4	P	DO	4R	10
U(C- 4- 4) 6CAB 1	PRICHARD	1944	20 3	--	6	P	--	--	--
U(C- 4- 4)17ACB 1	CARTER OIL CO	1951	715 3	--	--	X	124UINT	8F	4
U(C- 4- 5) 1BAD 1	DUCHESNE CITY	1937	20 6	--	96	W	111ALVM	--	--
U(C- 4- 5) 1BCA 1	DUCHESNE CITY	1957	150 3	--	--	--	124UINT	V	--
U(C- 4- 5) 1BCD 1	H B MOTT	--	25 6	--	6	--	111ALVM	--	--
U(C- 4- 5) 1BDB 1	R JOHNSTON	1952	22 6	14	6	--	112OTSH	5R	--
U(C- 4- 5) 1BDC 1	B A JACOBY	1962	108 3	25	6	X	124UINT	V	83
U(C- 4- 5)31DBB 1	US BUR RECLAM	--	--	--	--	--	124GRRV	--	--
U(C- 4- 6) 9ABB 1	PEATRESS	1948	25 3	20	6	P	124UINT	S	3
U(C- 4- 7)14AAA 1	PENDER RANCH	1947	12 6	12	4	T	--	--	--
U(C- 4- 7)17DBC	SAM MOTT	1944	19 3	15	6	P	112OTSH	G	4
U(C- 4- 7)35DCD 1	THOMAS OLSEN	1948	500 3	--	4	X	124UINT	V	--
U(C- 4- 8)11ACC 1	DAVID NIELSEN	1972	52 3	52	10	O	112OTSH	5R	--
U(C- 4- 8)13CCB 1	M D HATTON	1972	200 3	--	6	--	124UINT	JF	--
U(C- 4- 8)13CCB 2	M D HATTON	1972	25 6	25	6	O	112OTSH	5R	--
U(C- 4- 9)16DBA 1	SHELL-UTE TRIBE	--	1000 6	--	--	--	124GRRV	--	600
U(C- 4-10) 5ABA 1	V A MAHONEY	1971	180 3	--	--	--	124UINT	V	--
U(C- 4-10) 5ACB 1	V A MAHONEY	1970	180 3	10	6	X	DO	V	170
U(C- 4-10) 8DDA 1	BURGESS CONST	1970	140 3	140	8	F	--	V	20
U(C- 4-10) 9ADA 1	PINE HOLLOW EST	1970	400 3	20	5	X	124UINT	V	380
U(C- 4-10) 9DBB 1	PINE HOLLOW EST	1970	140 3	21	6	X	DO	V	119
U(C- 5- 5)13AAB 1	W C FOY	1960	160 3	--	4	X	--	--	--
U(C- 5- 5)34BDD 1	W C FOY	1960	170 3	169	6	O	124UINT	G	--
U(C- 5- 5)34BDD 2	W C FOY	1961	161 3	65	12	P	112OTSH	--	--
U(C- 5- 7)10BDD 1	UTE TRIBE	--	--	--	--	--	--	--	--
U(C- 5- 8)25AAB 1	THOMAS OLSEN	1948	175 3	155	4	P	124UINT	V	3
U(C- 5-11)10ACB 1	CHEVRON OIL CO	1974	983 3	730	--	F	124GRRV	S	233
U(D- 1- 1) 4BAA 1	FRANK CARSPOOCH	1958	30 3	30	6	O	112OTSH	5R	--
U(D- 1- 1) 6ABB 1	B OBERHANSLY	1966	35 3	35	6	O	DO	5R	--
U(D- 1- 1) 6BBB 1	GARY SPROUSE	1974	161 3	120	14	F	DO	5R	40
U(D- 1- 1)10CDA 1	GULF OIL CORP	1952	50 3	29	8	P	DO	5R	15
U(D- 1- 1)10CDB 1	L O WHITLOCK	1951	27 3	20	6	P	DO	R	7
U(D- 1- 1)10DDD 1		--	--	--	6	--	--	--	--
U(D- 1- 1)11AAD 2	REX TAYLOR	1946	180 3	176	4	P	123DCRV	SV	4
U(D- 1- 1)11BCD 1	FRED NEWMEYER	1945	190 3	160	2	P	DO	8F	30
U(D- 1- 1)13ADA 1	GRT LK TIMBERCO	1960	186 6	--	3	--	DO	V	--
U(D- 1- 1)13DAD 1	JERRY HARRISON	1953	156 3	136	4	P	DO	SV	20
U(D- 1- 1)14ADD 1	C K BAIN	1935	211 6	--	8	--	DO	SV	--
U(D- 1- 1)14BBC 1	PAUL LEBARON	1934	230 6	38	8	X	DO	V	192
U(D- 1- 1)15ADA 1	F F WHITEHEAD	1953	32 3	17	7	P	112OTSH	R	15
U(D- 1- 1)15ADD 1	R N HACKFORD	1953	30 3	15	7	P	DO	R	15
U(D- 1- 1)16AAA 1	DALTON'S INC	1973	32 3	32	6	O	DO	5R	--
U(D- 1- 1)16CCB 1	CARTER OIL CO	1952	40 3	14	8	P	DO	5R	10
U(D- 1- 1)18CDA 1	CARTER OIL CO	1952	52 3	27	4	F	DO	5R	48
U(D- 1- 1)19AAA 1	ROOSEVELT CITY	1959	50 3	37	10	P	DO	5R	13
U(D- 1- 1)19AAA 2	ROOSEVELT CITY	1959	47 3	46	10	O	DO	5R	--
U(D- 1- 1)19AAA 3	ROOSEVELT CITY	1960	55 3	51	10	O	DO	S	--
U(D- 1- 1)19AAD 1	ROOSEVELT CITY	--	50 6	--	--	P	DO	5R	--
U(D- 1- 1)19ABA 1	CARL HALL	1959	36 3	36	6	O	DO	R	--
U(D- 1- 1)19ADD 1	ROOSEVELT CITY	1950	54 3	44	12	P	DO	5R	10
U(D- 1- 1)19ADD 2	ROOSEVELT CITY	1950	67 3	37	12	P	DO	5R	19
U(D- 1- 1)19CCC 1	BENNETT SCHOOL	--	450 6	--	8	--	123DCRV	--	--
U(D- 1- 1)19DAA 1	ROOSEVELT CITY	1950	50 3	20	12	P	112OTSH	5R	30
U(D- 1- 1)19DAA 2	WILFORD LONG	1952	55 3	35	8	P	DO	R	15
U(D- 1- 1)19DAA 3	ROOSEVELT CITY	1954	50 3	38	10	P	DO	R	12
U(D- 1- 1)20BBC 1	MOON LAKE ELEC	1949	60 3	40	7	X	DO	5R	--
U(D- 1- 1)21CBC 1	CARTER OIL CO	1948	255 3	35	8	P	DO	5R	2
U(D- 1- 1)23ABB 1	ALBERT DANIELS	1935	250 6	75	5	X	123DCRV	V	--
U(D- 1- 1)27BCB 1	CARTER OIL CO	1952	333 3	20	8	--	DO	SV	--
U(D- 1- 1)28ADA 1	CARTER OIL CO	1951	50 3	24	8	P	112OTSH	5R	10
U(D- 1- 1)29DDD 1	C G BOLTON	1967	375 3	345	3	P	123DCRV	V	30
U(D- 1- 1)30ADA 1	M J HAMAKER	1949	24 3	19	6	P	112OTSH	5R	5
U(D- 1- 1)36ACC 1	FLOYD ANGUS	1950	442 3	117	4	X	123DCRV	V	325
U(D- 1- 2) 7ABD 1	J T BERGSTROM	1969	200 3	19	7	X	DO	V	181
U(D- 1- 2) 7ABD 1D	J J BERGSTROM	1974	320 3	220	4	X	DO	V	100
U(D- 1- 2) 7BBA 1	ABNER SWAIN EST	1913	13 6	--	36	W	111ALVM	--	--
U(D- 1- 2) 8CAA 1	LAPOINT TOWN	1934	375 3	122	8	P	123DCRV	V	--

selected water wells--Continued

ALTI-TUDE-OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW DOWN (FT)	TEM-PER-ATURE (°C)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
5300 3	7 G	--	H	C	--	--	12.0	K	--	--
5320 3	30 D	3-67	H	--	12	59 3	--	--	D	--
5310 3	31 D	4-45	H	C	4	13 3	11.5	K	DR	--
5265 3	23 D	3-45	H	C	20	1 3	14.5	--	DR	--
5291 3	--	--	H	J	--	--	12.0	P	--	--
5405 3	45 A	5-72	H	C	12	44 3	10.0	K	D	--
5356 3	6 D	5-50	H	--	30	1 3	--	--	D	--
5360 3	14 D	7-61	H	C	10	8 3	16.0	K	D	--
5484 3	6 D	5-70	H	--	12	6 3	--	--	D	--
5500 4	8 G	3-40	U	--	5	-- 6	--	--	--	--
5500 4	4 D	3-39	H	--	4	-- 3	--	--	--	--
5500 4	7 G	6-55	H	--	10	1 6	--	C	--	--
5487 3	9 D	6-50	U	N	30	2 3	--	--	DR	--
5480 3	6 D	5-72	H	C	7	--	8.5	K	D	--
5850 3	285 D	--	U	--	18	-- 3	--	P	G	--
5516 3	4 A	9-39	U	N	--	--	--	--	--	W
5519 3	--	--	U	N	--	--	--	--	D	--
--	--	--	U	--	--	--	--	P	--	--
5520 3	5 D	7-52	H	--	35	9 3	--	--	D	--
5516 3	5 A	4-72	U	N	2	100 3	--	--	DR	W
6130 4	F G	--	H	--	--	--	--	C	--	--
5748 5	16 D	12-48	H	--	8	4 3	11.0	K	DR	--
5875 4	--	--	H	--	--	--	9.0	K	--	--
5945 5	7 D	11-44	H	--	7	-- 3	11.0	K	D	--
6960 5	84 D	--	U	--	15	-- 3	--	--	DR	--
6150 5	15 D	7-72	H	--	25	15 3	--	--	D	--
6075 5	56 D	5-72	U	N	5	--	--	--	DR	--
6075 5	9 A	4-73	H	C	15	13 3	5.5	C	D	--
6598 4	--	--	N	--	--	--	--	P	--	--
7685 5	--	--	U	N	--	--	--	--	D	--
7660 6	70 D	10-70	U	--	7	100 3	--	--	D	--
7390 5	35 D	12-70	Z	N	--	--	--	--	DR	--
7875 6	140 D	8-70	U	--	10	30 3	--	--	DR	--
7755 5	22 D	9-70	U	--	5	8 3	--	--	D	--
6320 4	--	--	U	--	--	--	--	--	D	--
6740 4	F D	7-60	U	--	120	21 3	--	--	DR	--
6610 4	--	--	I	T	300	18 3	8.5	P	DR	--
7418 3	--	--	--	--	--	--	--	--	--	--
7599 0	140 D	7-48	S	P	5	15 3	--	--	DR	--
9390 4	730 D	7-74	N	S	34	-- 3	--	--	DR	--
5712 4	8 D	6-58	H	--	8	7 3	--	--	DR	--
5763 4	10 D	10-66	H	--	20	2 3	--	--	DR	--
5780 4	7 D	8-74	I	--	1480	115 3	--	--	D	--
5468 4	4 A	6-72	U	N	50	13 3	--	--	DR	--
5475 4	5 D	7-51	U	N	40	10 3	--	--	D	--
5420 3	2 A	6-72	U	N	--	--	--	--	--	--
5449 4	60 D	1-46	H	--	5	30 3	--	--	D	--
5440 4	36 D	3-45	H	--	4	154 3	--	--	D	--
5482 4	66 A	6-72	U	S	--	--	--	--	--	--
5444 3	35 D	11-53	U	--	10	-- 3	--	--	D	--
5395 5	--	--	H	--	--	--	--	--	DR	--
5408 3	39 A	3-71	H	J	--	--	--	C	DR	W
5399 3	4 A	6-72	U	J	50	7 3	--	--	--	--
5390 3	5 A	6-72	U	J	50	5 3	--	--	D	--
5480 3	8 D	6-73	--	--	20	22 3	--	--	DR	--
5460 3	10 D	1-52	U	--	50	15 3	--	--	D	--
5570 4	8 D	8-52	N	--	50	-- 3	--	--	D	--
5489 3	2 A	5-72	U	T	135	44 6	--	C	D	--
5491 3	2 D	6-59	U	T	125	41 6	--	C	D	--
5498 4	2 A	5-72	U	T	96	22 6	--	--	DR	W
5491 4	--	--	U	T	--	--	--	--	--	--
5504 4	10 D	7-59	H	--	10	1 3	--	--	D	--
5472 4	4 D	6-50	U	T	220	44 3	--	--	D	--
5480 3	15 D	12-50	U	T	160	25 3	--	P	DR	--
5445 4	8 A	10-36	U	--	--	--	--	--	--	W
5472 4	8 D	7-50	U	T	400	39 3	--	--	D	--
5463 4	15 D	3-52	H	--	25	3 3	--	--	D	--
5471 3	16 D	4-54	U	T	175	32 3	--	--	D	--
5480 4	12 D	11-49	N	--	10	1 3	--	P	D	--
5402 4	9 D	10-48	N	--	30	2 3	--	--	D	--
5367 4	14 A	11-35	H	J	--	--	--	--	--	W
5310 4	--	--	U	--	2	-- 3	--	--	D	--
5311 4	15 D	12-51	N	--	50	20 3	--	--	D	--
5390 4	100 D	6-67	H	--	6	250 3	--	--	D	--
5430 4	9 D	1-49	H	J	40	3 3	--	C	DR	--
5290 4	60 D	4-50	U	P	5	340 3	--	P	DR	--
5562 4	20 D	11-69	H	--	8	70 3	--	--	DR	--
5562 4	100 D	3-74	H	--	20	150 3	--	--	D	--
5510 5	3 A	5-72	U	N	--	--	--	--	--	--
5600 4	87 G	8-34	U	N	13	132 6	--	--	DR	--

LOCATION	OWNER	YEAR CON-STRUCTED	WELL DEPTH (FT)	CASING DEPTH (FT)	CASING DIAM-ETER (IN)	WELL FINISH	MAJOR AQUIFER	WATER-BEARING MATERIAL	LENGTH OF WELL OPEN TO AQUIFER (FT)
U(D- 1- 2) 8CDD 1	G F BIGELOW	1960	45 3	35	6	F	112OTSH	R	6
U(D- 1- 2) 8DCB 1	GOLDEN WINN	1960	200 3	60	4	P	123DCRV	V	120
U(D- 1- 2) 8DCB 2	GOLDEN WINN	1962	200 3	170	4	P	DO	V	30
U(D- 1- 2)17AAB 1	HARVEY TAYLOR	1954	40 3	30	7	P	112OTSH	R	10
U(D- 1- 2)17BAA 1	C R TAYLOR	1960	34 3	28	6	P	DO	G	5
U(D- 1- 2)17BAB 2	LAPOINT SCHOOL	1936	200 3	48	8	X	123DCRV	V	152
U(D- 1- 2)17BAD 1	HARVEY TAYLOR	1945	110 3	45	8	P	112ALVM	G	10
U(D- 1- 2)18AAA 1	LAWR CALDWELL	1915	16 6	--	36	X	--	--	--
U(D- 1- 2)19CBB 1	T T RASMUSSEN	1945	115 3	90	4	P	123DCRV	V	25
U(D- 1- 2)19CCC 1	EDGAR MOWERY	1945	131 3	110	2	P	DO	V	21
U(D- 1- 2)19DDD 1	KASTRIAKIS EST	1946	280 3	160	4	P	DO	V	25
U(D- 2- 1) 2BAD 1	J E FAUSETT	1963	24 3	24	6	O	112OTSH	SR	--
U(D- 2- 1) 3CCC 1	G C DAVIS	1948	375 3	15	6	X	123DCRV	V	360
U(D- 2- 1) 5BBB 1	D HORROCKS	1951	26 3	20	6	P	112OTSH	SR	6
U(D- 2- 1) 5DAC 1	THOMAS CHAPOOSE	1953	300 3	--	6	X	123DCRV	V	--
U(D- 2- 1) 8BAA 1	VAN HASLEM	1954	30 3	15	6	P	112OTSH	SR	15
U(D- 2- 1) 9CCC 1	E V STELLA	1965	33 3	26	6	P	DO	R	7
U(D- 2- 1)10CBB 1	COLIN MURDOCK	1961	300 3	21	6	X	123DCRV	V	279
U(D- 2- 1)13CAC 1	F O LUNDBERG	1953	205 3	--	--	--	DO	V	--
U(D- 2- 1)13DCC 1	LEONARD BURSON	1954	300 3	--	6	--	DO	V	--
U(D- 2- 1)14DDD 1	MENTARA CRUMBO	1954	24 3	--	6	--	112OTSH	SR	--
U(D- 2- 1)14DDD 2	DANIEL CRUMBO	1961	29 3	26	6	X	DO	SR	3
U(D- 2- 1)15CCD 1	ELLIS MORRILL	1962	100 3	9	--	X	123DCRV	V	91
U(D- 2- 1)15DDC 1	WONG WING	1940	50 3	28	8	X	112OTSH	SR	3
U(D- 2- 1)16CBA 1	JULIAN REED	1954	400 3	--	6	--	123DCRV	F	--
U(D- 2- 1)16CCC 1	UINTAH SCHOOLS	1956	750 3	--	--	--	DO	V	--
U(D- 2- 1)16CCC 2	UINTAH SCHOOLS	1956	17 3	--	--	--	112OTSH	R	--
U(D- 2- 1)16DDD 1	G H CHILDS	1948	257 3	215	6	P	123DCRV	V	42
U(D- 2- 1)17ABA 1	E L SUTTEE	1968	28 3	18	6	P	112OTSH	SR	7
U(D- 2- 1)18CDD 1	L J LARSEN	1969	170 3	135	4	P	123DCRV	V	35
U(D- 2- 1)18DCC 1	DRESSER IND INC	1972	310 3	220	6	P	DO	V	20
U(D- 2- 1)19AAB 1	EMIL HADLOCK	1947	118 3	110	4	P	DO	V	8
U(D- 2- 1)20BBB 1	B B LARSEN	1946	325 3	285	6	P	DO	V	20
U(D- 2- 1)22DD	UTE TRIBE	1955	688 6	--	--	--	DO	V	--
U(D- 2- 1)23BAA 1	ALBERT DANIELS	1954	20 3	20	6	O	112OTSH	SR	--
U(D- 2- 1)23CAA 1	UTE TRIBE	1961	36 3	--	--	--	123DCRV	V	--
U(D- 2- 1)23CAB 1	UTE TRIBE	1961	24 3	--	--	--	112OTSH	SR	--
U(D- 2- 1)23CCB 1	UTE TRIBE	1961	38 3	24	6	X	DO	SR	1
U(D- 2- 1)23CDD 1	UTE TRIBE	1961	13	12	10	O	DO	SR	--
U(D- 2- 2)18BAA 1	W M GALLAHER	1901	58 6		42	W	123DCRV	SV	5
U(D- 2- 2)18CDC 1	GENE DANIELS	1954	500 3	--	6	--	DO	V	--
U(D- 3- 1) 4BAA 1	K J MEYERS	1962	45 3	30	8	P	124UINT	V	15
U(D- 3- 1) 5AAB 1	B M LOCKE	1948	110 3	46	6	X	DO	F	64
U(D- 3- 1) 5CDC 1	MORLEY DEAN	1948	40 3	35	6	X	112OTSH	SR	5
U(D- 3- 1) 6DCB 1	DAVID LUNDBERG	1948	43 3	--	6	--	111ALVM	S	--
U(D- 3- 1) 7DCD 1	F J ROBINS	1956	175 3	140	4	F	124UINT	V	35
U(D- 3- 1)14ACC 1	CLIFFORD MOORE	1963	80 3	80	6	O	DO	V	--
U(D- 3- 1)22DCB 1	ELBA JUSTICE	1948	49 3	49	6	O	112OTSH	SR	--
U(D- 3- 2) 7DDA 1	GRANT PICKUP	--	40	--	--	--	DO	R	--
U(D- 3- 2) 7DDB 1	MYRON BROUGH	1953	35 3	33	6	X	DO	SR	2
U(D- 3- 2) 7DDB 3	LDS CHURCH	1963	35 3	21	6	O	DO	R	--
U(D- 3- 2)21BCC 1	STEPHEN ABBOT	1956	42 3	28	7	P	124GRRV	R	8
U(D- 4- 3)32DCB 1	STANLEY NEBEKER	1969	125 6	--	4	--	124UINT	--	--
U(D- 4- 3)32DCB 2	UTE TRIBE	--	80 6	--	6	--	DO	--	--

selected water wells--Continued

ALTI-TUDE OF LSD (FT)	WATER LEVEL (FT)	DATE WATER LEVEL MEASURED	USE OF WATER	TYPE LIFT	YIELD (GAL/MIN)	DRAW-DOWN (FT)	TEMP-ERA-TURE (DEG)	CHEMICAL ANALYSIS AVAILABLE	LOG AVAIL-ABLE	WATER LEVEL RECORD AVAIL-ABLE
5567 3	15 A	5-72	H	--	40	4 3	--	--	DR	--
5583 4	25 D	9-60	U	N	45	15 3	--	--	D	--
5583 4	90 D	7-62	U	--	1	60 3	--	--	D	--
5584 4	16 A	5-72	U	P	40	7 3	--	--	D	--
5555 4	17 A	5-72	H	C	40	1 3	--	C	D	--
5544 4	24 D	1-36	U	--	25	14 3	--	P	DR	--
5555 4	22 A	5-72	H	C	15	5 3	--	--	D	--
5570 4	5 A	5-72	S	H	--	--	--	--	--	--
5395 4	30 D	3-45	H	--	3	85 3	--	--	D	--
5363 4	30 D	3-45	H	--	3	101 3	--	--	D	--
5433 4	70 D	1-46	S	--	10	40 3	--	--	D	--
5170 4	6 D	3-63	H	--	20	9 3	--	--	D	--
5191 3	7 A	6-72	H	J	30	5 3	--	C	D	--
5352 3	15 D	3-51	H	--	30	7 3	--	--	DR	--
5325 3	10 D	11-53	H	--	5	90 3	--	--	D	--
5321 3	4 D	4-54	H	--	25	15 3	--	--	D	--
5285 3	11 D	7-65	H	J	12	4 3	--	--	DR	--
5222 3	30 D	6-61	H	--	2	140 3	--	--	D	--
5051 3	--	--	U	N	0.1	-- 3	--	--	DR	--
5055 3	40 D	1-54	--	--	8	160 3	--	--	D	--
5028 3	4 D	1-54	N	--	30	4 3	--	--	--	--
5031 3	8 D	7-61	H	--	10	5 3	--	--	DR	--
5140 4	9 D	6-62	H	--	4	41 3	--	--	D	--
5051 4	10 D	9-40	H	--	100	2 3	--	--	DR	--
5062 3	F D	2-54	--	--	--	--	--	--	--	--
5254 3	--	--	U	N	--	--	--	--	DR	--
5254 3	--	--	U	N	--	--	--	--	--	--
5155 4	100 D	3-48	H	--	4	50 3	--	--	D	--
5290 4	7 D	9-68	H	--	12	11 3	--	--	D	--
5095 4	27 D	8-69	H	--	8	60 3	--	--	DR	--
5095 4	80 D	9-72	N	S	5	140 3	14.0	C	DR	--
5102 4	12 D	9-47	H	J	6	30 3	--	--	D	--
5170 4	50 D	10-46	H	--	15	50 3	--	--	DR	--
5000 6	F G	4-55	U	N	0.1	-- 5	--	M	--	--
5021 3	5 D	1-54	U	--	40	5 3	14.0	M	--	--
4990 4	DRY D	11-61	U	N	--	--	--	--	DR	--
4990 4	DRY D	12-61	U	--	0	-- 3	--	--	D	--
4998 4	--	--	H	--	25	4 3	--	--	D	--
4972 4	--	--	I	--	10	10 3	--	--	D	--
5180 5	48 G	--	H	R	--	--	--	--	D	--
5066 4	60 D	3-54	H	--	5	140 3	--	--	--	--
4911 4	15 D	5-62	H	--	10	25 3	--	--	DR	--
4940 4	40 D	12-48	H	--	30	5 3	--	--	DR	--
4951 3	12 D	9-48	U	--	30	6 3	--	--	D	--
4958 4	8 D	9-48	H	--	10	1 3	--	--	D	--
5040 4	150 D	2-56	S	--	8	20 3	--	--	DR	--
4863 3	50 D	4-63	--	--	40	20 3	--	--	D	--
4887 4	10 D	9-48	H	--	10	1 3	--	--	DR	--
4611 3	--	--	U	--	--	--	15.5	P	--	--
4813 5	8 D	2-53	H	--	12	6 3	--	P	--	--
4814 4	8 D	7-53	H	--	12	4 3	--	--	DR	--
8800 6	12 D	11-56	--	--	--	12 3	--	--	D	--
4665 5	--	--	--	--	--	--	--	C	--	--
4668 5	--	--	H	--	--	--	--	C	--	--

Table 3.--Records of selected springs

Location: See data-site numbering systems in text.
Altitude: Land surface at spring orifice, above mean sea level; interpolated from topographic maps.
Aquifer: See table 1 for explanation of code.
Discharge: E, estimated; M, measured; R, reported.
Date measured: Date of temperature measurement also applies to date of water sampling.
Use of water: H, household or domestic; I, irrigation; N, industrial; P, public supply; R, recreation; S, stock; U, unused.
Chemical analysis available: In table 10: C, complete; K, specific conductance only; M, multiple; P, partial.

LOCATION	NAME OR OWNER	ALTITUDE (FEET)	AQUIFER	DISCHARGE (GAL/MIN)	DATE MEASURED	TEMPERATURE (°C)	DATE MEASURED	USE OF WATER	CHEMICAL ANALYSIS AVAILABLE
(A- 1-21)33BDD-S1	U S FOREST SERV	9,000	400MUTL	5E	7-73	5.0	7-73	U	C
(A- 1-22)20BCA-S1	RED SPRING	8,100	DO	10E	7-73	6.0	7-73	P	C
(D- 1-21)30CBC-S1	U S FOREST SERV	8,870	122BRPK	14M	6-72	3.5	6-72	R	C
(D- 1-21)31CCC-S1	DAVIS SPRING	8,790	DO	20E	9-72	5.5	9-71	S	K
(D- 1-22)20ABC-S1	BASSETT SPRING	8,370	DO	10E	8-73	10.5	8-73	S	C
(D- 2-19)31DCC-S1	WARDEN SPRING	8,140	230TRSC	2E	5-72	6.5	5-72	S	C
(D- 2-21)24CBB-S1	BIG BRUSH CR SP	6,115	310WEBR	-	-	6.0	5-67	I	P
(D- 2-21)33DCD-S1	SQUAW SPRING	6,980	310PRKC	20E	5-73	8.0	5-73	S	C
(D- 2-22)13CCD-S1	STAUFFER CHEM	6,190	310WEBR	500E	5-67	7.5	5-67	I	P
(D- 2-22)24CCD-S1	W FREESTONE	5,960	310PRKC	100E	5-73	9.0	5-73	H	C
(D- 2-22)24CCD-S2	W FREESTONE	5,960	DO	15E	5-73	12.0	5-73	U	C
(D- 2-22)24CCD-S3	W FREESTONE	5,930	DO	400E	5-67	11.0	5-67	S	P
(D- 2-22)31ADC-S1	RATLIFF SPRING	5,790	310WEBR	1,350R	8-50	10.0	8-50	N	C
(D- 3- 8)33BDA-S1		8,350	DO	230E	8-71	5.0	8-71	U	K
(D- 3-19)11CBC-S1	DEEP CREEK SP	7,155	-	2,020M	7-68	-	-	I	M
(D- 3-20) 1DCC-S1	ASHLEY CR SPS	6,260	310WEBR	19,800M	7-68	9.0	7-68	I	M
(D- 3-20) 5CCC-S1	DRY FORK SPS	6,860	1120TSH	83,250M	5-55	9.0	7-58	I	P
(D- 3-20)15BCA-S1	THOMAS SPRING	6,460	DO	36M	7-54	14.5	8-55	I	M
(D- 3-20)23ADB-S1	V S SPRINGS 1	6,160	231CHNL	45M	7-54	11.5	8-55	I	M
(D- 3-21)31ABA-S1	ROADSIDE SEEP	5,840	110WBDS	-	-	11.5	7-58	U	P
(D- 3-25) 1BDA-S1	JONES HOLE SPS	5,570	324MRGN	16,650M	7-68	14.0	7-68	N	C
(D- 3-25) 1BDB-S1	JONES HOLE N SP	5,620	DO	200E	6-68	12.0	6-68	N	M
(D- 3-25)11DCC-S1	BIG DRAW SPRING	5,680	310WEBR	100E	9-69	12.0	9-69	U	C
(D- 3-25)12CBB-S1	ELY CREEK SP	5,640	DO	10M	9-69	-	-	U	-
(D- 3-25)19CDD-S1	GARDEN CREEK SP	5,150	220NVJO	18M	5-70	10.5	5-70	H	C
(D- 3-25)22DDA-S1	SAGE CREEK SP	5,150	310WEBR	100E	9-48	14.5	9-48	U	P
(D- 4- 8)16AAB-S1	US FOREST SERV	9,640	120TRTR	10R	-	-	8-71	P	K
(D- 4-20)16CDD-S1	COTTONWOOD SP	6,465	123DCRV	2M	5-72	12.5	5-72	S	C
(D- 4-23)23DDA-S1	RED WASH SPRING	5,110	310PRKC	4M	8-70	15.5	11-58	U	P
(D- 4-23)26CAB-S1	QUARRY SPRING	4,960	221ENRD	-	-	-	10-53	U	M
(D- 4-23)27BBA-S1	ORCHARD DRAW SP	5,150	220NVJO	15M	9-69	16.0	10-58	U	M
(D- 4-23)27CBD-S1	NATL PARK SERV	4,820	211FRNR	-	-	15.5	7-58	U	P
(D- 4-24) 3BAA-S1	MCKEE SPRING	5,120	DO	.1M	5-70	10.0	5-70	U	C
(D- 4-24) 3DDD-S1	NATL PARK SERV	5,120	220NVJO	.3M	9-67	15.5	9-67	U	C
(D- 4-24)16CDD-S1	SPLIT MTN WM SP	4,920	330MSSP	2,700E	9-48	30.0	9-48	U	P
(D- 4-24)35DAD-S1	MORRIS RANCH SP	5,360	310WEBR	23M	6-68	-	-	S	-
(D- 4-24)36BDC-S1	HOG CANYON SP	5,560	DO	56M	6-68	12.0	6-68	U	C
(D- 4-25)31CCA-S1	CUB CR SPRINGS	5,500	DO	117M	7-68	19.0	7-68	I	C
(D- 5-23)30BC -S	MARSH AREA	4,730	111ALVM	50E	7-58	-	7-58	U	P
(D- 5-24)11DAC-S1	SOUTH FORK SP	5,430	310WEBR	50E	5-73	15.0	5-73	U	C
(D- 6-24) 5ACD-S1	BUR LAND MANAGE	5,175	310PRKC	.1E	5-73	16.5	5-73	U	C
(D- 7-20)25BC -S		4,670	111ALVM	40E	10-48	15.5	10-48	U	P
(D-10-17)12BAA-S1		5,420	124UINT	.5E	3-72	11.0	3-72	-	P
(D-11-15)15DBB-S1		6,660	124PCCK	.9E	3-72	-	3-72	-	P
(D-11-17)20ACA-S1		5,600	DO	.9E	3-72	-	3-72	-	P
(D-11-18)20CBA-S1		4,800	124PCCK	1E	3-72	8.0	3-72	-	P
(D-12-21)19BDD-S1	SULPHUR SPRING	5,335	DO	20E	8-71	19.5	8-71	U	P
(D-13-14)24ADB-S1	PAN AM OIL CORP	8,275	DO	-	-	-	7-66	-	P
(D-13-19) 8AA -S	BUR LAND MANAGE	6,150	124PCCK	.3E	8-72	-	-	S	P
(D-13-23)27ACD-S1	SEEP	6,180	124PCCK	.4E	4-72	10.5	4-72	-	P
(D-13-25)13ADD-S1	MUD SPRING	6,475	124DGCK	-	-	-	-	-	-
(D-13-25)29BAB-S1	INDIAN SPRING	7,050	DO	2E	9-71	14.5	9-71	S	P
(D-14-14) 4ABD-S1	PAN AM OIL CORP	9,500	124PCCK	-	-	-	7-66	-	P
(D-14-19)33AAD-S1	C BROWN SPRING	7,120	124PCCK	.5E	9-71	-	9-71	S	P
(D-14-22)25CAC-S1	PINE SPRING	7,060	124DGCK	4M	8-65	8.0	4-72	S	P
(D-14-24)21CCC-S1		6,580	DO	10E	9-72	10.0	9-72	S	P
(D-15-19) 4BBA-S1	SECRET SPRING	7,190	124PCCK	.1E	9-71	-	9-71	S	P
(D-15-20)15BAD-S1	FLAT ROCK SP	7,240	DO	.2M	8-71	17.0	8-71	S	P
(D-15-23)36DDD-S1	P R SPRING	7,950	124DGCK	1M	9-64	8.5	9-64	S	P
(D-15-25) 7BCC-S1		7,438	DO	.2M	9-72	10.5	9-72	S	P
(D-16-16)31AAA-S1	WALDO WILCOX	5,590	111ALVM	15E	4-64	11.0	4-72	I	-
(D-16-16)32DDA-S1	WALDO WILCOX	5,430	124WSTC	150E	4-72	11.0	4-72	I	P
(D-16-17) 3C -S	CAMEL ROCK SP	-	DO	225R	9-48	-	9-48	-	P
(D-16-18)24BCD-S1	PINTO SPRINGS	7,925	124PCCK	.2E	8-71	-	8-71	S	P
(D-16-22)23DCD-S1	CEDAR CAMP SP	7,900	DO	5M	7-60	-	-	S	-
(D-17-16)10CAC-S1	WALDO WILCOX	5,040	125NRHR	6E	4-72	-	-	H	-
(D-17-16)10CCA-S1	WALDO WILCOX	5,040	DO	6E	4-72	-	4-72	H	P
(D-17-16)15BAC-S1	WALDO WILCOX	5,030	DO	1E	4-72	11.5	4-72	U	-
(D-17-17)20CCC-S1		4,240	211MVRD	-	-	-	9-48	-	P
(D-17-19) 9ACA-S1	BOLON SPRING	8,400	124PCCK	5E	8-71	-	-	S	-
(D-17-19)29BAB-S1	SEELEY SPRING	8,920	124PCCK	2M	8-71	6.0	8-71	S	P
(D-18-19)25CBB-S1		8,710	124PCCK	5E	8-71	5.0	8-71	S	P
(D-18-20) 7BAD-S1	MARBLE SPRING	8,970	124PCCK	7M	8-71	5.0	8-71	S	P
S(B-4-103)14CCA-S1	BLUE MTN SP 1	7,640	221MRSN	.4M	10-72	9.5	10-72	S	C
S(B-4-103)32ADB-S1	SMITHS SPRING	6,390	220NVJO	.1E	5-73	10.5	5-73	U	C
S(B-5-104)24DDD-S1	JENSEN CABIN SP	7,330	217BRCN	30E	5-73	9.0	5-73	H	C
S(B-6-103) 7BBB-S1	POOLE CR SPRING	5,480	310WEBR	20E	9-67	13.5	9-67	U	C
S(B-7-103)20CAD-S1	MITTEN FAULT SP	5,070	330MSSP	450E	9-48	16.5	9-48	U	P
U(A- 3- 1) 8CBB-S1	IRON SPRING	9,990	122BRPK	-	-	-	9-67	-	C
U(B- 1- 1)14ADA-S1	STATE HATCHERY	6,158	1120TSH	8R	6-62	10.0	11-62	S	M
U(B- 1- 1)14ADD-S1	STATE HATCHERY	6,158	DO	4,950E	5-72	11.0	6-61	S	M
U(B- 1- 1)31A -S	NEOLA SPRINGS	6,120	DO	-	-	-	2-54	P	M
U(B- 1- 2)17DAC-S1	UTE TRIBE	6,590	123DCRV	60M	5-73	9.5	5-73	S	C
U(B- 1- 3) 6CCC-S1	L BURNT MILL SP	7,850	DO	1E	9-73	11.5	9-73	S	K
U(B- 1- 3)18AAA-S1	UTE TRIBE	7,485	DO	<1E	9-73	10.0	9-73	S	C
U(B- 1- 4)23DDC-S1	MUD SPRING	7,295	1120TSH	10E	3-72	5.5	3-72	S	P
U(B- 1- 6) 9DCA-S1	UTE TRIBE	7,320	DO	450E	4-72	12.5	4-72	I	C
U(B- 1- 8)10ADB-S1	US FOREST SERV	8,900	111LDLD	900E	9-73	13.5	9-73	U	C
U(B- 1- 8)17CBB-S1	BIG SPRING	7,300	330MSSP	4,210M	8-71	6.5	8-71	I	C

Table 3.--Records of selected springs--Continued

LOCATION	NAME OR OWNER	ALTITUDE (FEET)	AQUIFER	DISCHARGE (GAL/MIN)	DATE MEASURED	TEMPERATURE (°C)	DATE MEASURED	USE OF WATER	CHEMICAL ANALYSIS AVAILABLE
U(B- 1- 8)18DDA-S1	LARSEN SPRING	7,115	112OTSH	450E	7-73	6.0	7-73	I	K
U(B- 1- 8)27CDA-S1	BLND STR CAN SP	7,350	330MSSP	2M	5-73	10.0	5-73	S	C
U(B- 1- 8)29CDD-S1	F M GILES	6,930	112OTSH	75E	7-58	9.0	7-58	H	P
U(B- 1- 8)30DDB-S1	WARM SPRING	7,030	310WEBR	200E	11-71	26.0	11-71	I	C
U(B- 1- 8)33BBB-S1		6,965	112OTSH	50E	7-58	8.5	7-58	S	P
U(B- 2- 1)15DCB-S1	SNAKE JOHN SP	7,630	123DCRV	2E	8-73	-	8-73	S	C
U(B- 2- 2) 5DBB-S1	INDIAN HIG SP	7,520	330MSSP	4,500E	8-71	7.0	8-71	I	C
U(B- 2- 2)30AAD-S1	UTE TRIBE	7,790	112OTSH	30E	5-73	7.5	5-73	S	C
U(B- 2- 3)34AAB-S1	DRY GULCH RS SP	7,710	123DCRV	2E	9-73	10.0	9-73	H	C
U(B- 2- 4) 4DAB-S1	GRANT'S SPRING	8,220	111LDCD	20E	5-73	7.0	5-73	P	C
U(B- 2- 4)25BDB-S1	BURNT MILL SP	8,340	DO	10M	5-73	13.0	5-73	S	K
U(B- 2- 6)14BCC-S1	US FOREST SERV	9,500	123DCRV	-	-	-	6-74	R	K
U(B- 2- 7)25CAB-S1	US FOREST SERV	7,515	330MSSP	678M	4-72	3.0	4-72	I	C
U(B- 2- 7)25CBA-S1	US FOREST SERV	7,530	112OTSH	633M	4-72	1.5	4-72	I	K
U(B- 2- 7)36ABA-S1	US FOREST SERV	7,480	331BMBG	900E	9-73	10.0	9-73	U	C
U(B- 3- 1) 7BCC-S1	US FOREST SERV	10,000	600UNKN	10E	8-73	4.5	8-73	U	C
U(B- 3- 1)25BBA-S1	B M T SPRING	7,700	409MUTL	25E	5-67	8.0	5-67	I	P
U(B- 3- 2)19CBD-S1	SMOKEY SP AREA	7,780	DO	-	-	6.0	8-71	R	C
U(B- 3- 2)19CBD-S2	SMOKEY SP AREA	7,780	DO	2,200E	8-71	9.0	8-71	R	P
U(B- 4- 9)34B -S	US FOREST SERV	10,200	DO	20E	10-54	7.0	10-54	H	C
U(C- 1- 1)31DDD-S1	R C CRABTREE	5,400	112OTSH	40E	-	-	7-72	S	C
U(C- 1- 4)13BBB-S1		6,675	DO	20E	3-72	9.0	3-72	H	P
U(C- 1- 7) 6ABA-S1	UTE TRIBE	7,460	220NVJO	40E	7-58	8.5	7-58	-	P
U(C- 1- 8)10CAA-S1	O N MOON	6,755	112OTSH	100E	7-58	9.0	7-58	H	P
U(C- 1- 8)12CBC-S1	NICK DEFA	6,920	211FKNR	10E	7-58	11.0	7-58	H	P
U(C- 1- 8)36CAD-S1	TOWN OF TABIONA	7,235	124UINT	50E	10-54	-	10-54	P	M
U(C- 2- 2)23BCD-S1	BLACKHAW SPRING	5,365	123DCRV	13E	9-63	-	-	U	-
U(C- 2- 2)35CDB-S1	BALFOUR SP AREA	5,220	111ALVM	-	-	-	7-56	U	P
U(C- 2- 3)34CCC-S1		5,530	DO	100E	7-59	-	5-67	U	M
U(C- 2- 6)14DBC-S1	C C WRIGHT	6,240	-	-	-	17.5	7-58	H	P
U(C- 2- 6)14DBD-S1	C C WRIGHT	6,090	123DCRV	5E	7-58	18.0	7-58	S	P
U(C- 2- 6)20BAA-S1	ELIZABETH BROWN	6,175	111ALVM	-	-	-	-	I	-
U(C- 2-10) 6DDB-S1	SPRING AREA	7,590	211CTCK	5E	8-73	13.0	8-73	S	C
U(C- 2-11)19BAA-S1		8,080	112OTSH	3E	9-73	7.5	9-73	U	K
U(C- 2-11)33CCC-S1	CHICKEN SPRING	8,100	124UINT	2,250E	9-73	7.0	9-73	U	C
U(C- 2-12)27CCA-S1		7,795	112OTSH	10E	9-73	7.5	9-73	U	C
U(C- 2-12)35DBB-S1	BULL SPRING	7,750	124UINT	10E	7-58	8.5	7-58	P	P
U(C- 3- 1) 6AAB-S1	RAY THOMPKINS	5,180	112OTSH	-	-	-	-	H	-
U(C- 3- 2) 3DDD-S1	C R MAC NEIL	5,340	124UINT	61M	4-72	11.5	3-72	I	M
U(C- 3- 3) 4AAD-S1		5,477	112OTSH	-	-	-	5-67	U	M
U(C- 3- 3)31CCA-S1	STATE HWY DEPT	5,390	124UINT	230F	3-73	11.5	3-73	U	C
U(C- 3- 4)31DBA-S1	R H HALSTEAD	5,580	112OTSH	5E	4-72	-	-	H	-
U(C- 3- 4)31DBD-S1		5,530	124UINT	-	-	12.5	4-72	H	K
U(C- 3- 5)13CB -S	MURRAY SP AREA	5,665	112OTSH	-	-	-	-	P	-
U(C- 3- 5)28DAD-S1		5,582	124UINT	-	-	-	5-70	U	C
U(C- 3- 5)31A -S		5,650	111ALVM	5E	5-60	14.0	5-60	-	C
U(C- 3- 5)35AD -S	WARM SPRING	5,555	124UINT	-	-	-	10-62	-	P
U(C- 3- 9)30ACA-S1	STATE HWY DEPT	7,080	DO	10M	7-73	-	5-60	P	M
U(C- 3-10)32BDC-S1	V A MAHONEY	7,630	DO	10E	11-73	7.5	11-73	U	K
U(C- 3-11) 3DAD-S1	TROUT CR HD SP	7,995	DO	670E	11-73	6.5	11-73	S	C
U(C- 3-11) 5CBB-S1		7,675	112OTSH	30E	9-73	9.5	9-73	U	K
U(C- 3-11)26CDB-S1		7,575	111ALVM	-	-	-	-	U	-
U(C- 3-12)35ACB-S1	US FOREST SERV	7,750	124UINT	60M	7-73	7.0	7-73	P	C
U(C- 4- 3) 4ADA-S1		5,290	DO	450E	3-73	11.0	3-73	U	C
U(C- 4- 6)17CDC-S1	M N MCKINNON	6,030	DO	450E	9-71	11.0	9-71	S	P
U(C- 4- 7)14ACC-S1	STINKING SP 2	5,865	DO	5E	4-73	-	5-41	U	P
U(C- 4- 7)14ACD-S1	STINKING SP 1	5,870	DO	20E	4-73	-	5-41	U	P
U(C- 4- 7)14ACD-S2	STINKING SP 4	5,880	DO	5E	5-60	14.5	5-60	U	P
U(C- 4- 7)15DAB-S1	STINKING SP 3	5,880	DO	1E	4-73	14.0	4-73	U	C
U(C- 4- 7)21DAA-S1		6,160	DO	900E	4-72	8.0	4-72	-	P
U(C- 4- 7)22CCB-S1		6,220	DO	3E	4-72	5.0	4-72	-	P
U(C- 4- 9)35ADD-S1		7,515	DO	50E	4-72	5.0	4-72	-	P
U(C- 4-10) 3DDA-S1	STINKING SPRING	7,380	DO	100E	8-71	9.0	8-71	U	K
U(C- 4-11)33BDA-S1	US FOREST SERV	8,020	124GRRV	50E	10-71	8.0	10-71	U	C
U(C- 5- 6) 1CAA-S1		6,240	124UINT	30E	5-60	10.5	5-60	-	P
U(C- 5- 6) 1CAA-S2		6,220	111ALVM	60E	5-60	9.5	5-60	-	P
U(C- 5- 7)12CAB-S1		6,880	124UINT	-	-	12.0	5-60	-	P
U(C- 5- 7)18ACD-S1		7,450	DO	1E	4-72	4.0	4-72	S	P
U(C- 5-10)10DCB-S1	BIG BEAVER SPS	9,360	DO	.1M	9-72	7.5	9-72	S	P
U(C- 5-12)25AAD-S1	US FOREST SERV	8,600	-	17E	-	-	-	S	-
U(C- 7- 8) 1ACD-S1	ROSS STATION SP	8,290	124PCCK	5E	8-71	9.0	8-71	S	P
U(C- 7- 9) 9DCD-S1	HORSE RIDGE SP	9,770	DO	-	-	-	7-60	-	-
U(D- 1- 1) 4BBC-S1	URIAH HEAP SPS	5,660	112OTSH	-	-	-	-	P	P
U(D- 1- 1) 5AAA-S1	URIAH HEAP SPS	5,685	DO	-	-	13.0	3-72	P	M
U(D- 1- 1) 5AAD-S1	URIAH HEAP SPS	5,675	DO	-	-	-	9-63	P	M
U(D- 1- 1)31AAA-S1		5,370	DO	11M	5-74	13.0	5-74	S	M

Table 4.--Records of selected petroleum-test wells

Location: See data-site numbering systems in text. D, well deepened or S, well plugged back, in year shown as year constructed; W, test well converted to water well (see table 2).
Altitude: Altitude of land surface datum above mean sea level.
Major aquifer or water-bearing zone: See table 1 for explanation of code.
Minor aquifer or water-bearing zone: See table 1 for explanation of code.
Other data available: Chemical analysis in table 10: C, complete: M, multiple (generally from several different sampling zones); P, partial. DR, log of well in table 6.

Location	Name	Year constructed	Altitude (ft)	Well depth (ft)	Major aquifer or water-bearing zone	Depth to top of major aquifer or water-bearing zone (ft)	Length of well open (ft)	Minor aquifer or water-bearing zone	Temperature (°C)	Other data available
(D- 3-21)28dba-1W	M. Ellen #1 Fed.	1932	5,916	2,582	310WEBR	1,575	1,234	230MNKP	13.5	M
30ddc-1W	VO&G #1 Hullinger	1947	5,798	2,715	do	-	2,501	-	17.0	M
30ddc-2W	Ut. Dome #2 Hullinger	1954	5,799	1,230	do	-	1,127	-	-	C
(D- 4-20)12abb-1W	Martin #1A Fed.	1950	5,883	1,200	220NVJO	95	1,105	-	15.0	C
21dad-1	Union #1 Fed.	1942	4,245	2,222	-	-	-	-	-	DR
(D- 4-21)16ccc-1	Conoco-McConkie	1953	5,323	7,960	310WEBR	7,867	93	220NVJO	-	M
(D- 5-19)35bbd-1	Cal. Oil Gusher #1	1950	5,347	8,950	124GRRV	5,789	40	-	-	-
(D- 5-20) 5cab-1	Carter #1 Brown	1951	5,725	10,714	do	6,894	21	124GRRV	-	M
(D- 5-21) 6dbd-1	W. Venture #1 Fed.	1930	5,680	1,515	124EOCN	-	-	-	-	DR
8caa-1	Home Oil Co. #1 Fed.	1928	5,530	1,165	do	915	-	124EOCN	-	DR
33cdc-1	Carter #1 Nelson	1949	5,320	7,884	124WSTC	7,072	6	124GRRV	-	M
					do	6,717	14	do	-	M
(D- 5-22)22acd-1	Pan Amer. #1 Gentry	1949	4,935	4,301	310WEBR	4,277	25	310PSPR	46.0	C
22add-1	Equity #6 A.V.	1949	4,910	4,293	310PSPR	4,150	10	-	-	P
22dba-1	Pan Amer. #8 Fed.	1949	4,938	4,306	310WEBR	4,284	24	-	-	P
22dca-1	Pan Amer. #10 Fed.	1950	4,950	4,330	do	4,328	2	310PSPR	44.5	P
23bdc-1	Equity #7 A.V.	1949	4,888	4,230	do	4,152	88	do	44.5	M
23cba-1	Equity-1-Meagher	1948	4,898	4,152	do	4,136	16	310PRKC	43.0	P
23cca-1	Pan Amer. #1 Fed.	1949	4,898	4,278	do	4,094	184	do	49.0	M
23dac-1	Cal. Oil #1 Wyman	1949	4,844	4,235	do	4,207	28	-	-	P
23dcb-1	Holndswth #1 Hall	1949	4,882	4,130	do	4,076	54	310PRKC	-	M
23dcc-1	Holndswth 1S Hall	1965	4,883	2,069	221ENRD	2,063	4	-	-	P
23ddb-1	Lacey #3 Hall	1949	4,858	4,208	310WEBR	4,135	73	310PRKC	-	C
24ccc-1	Tripol-1-Nelson	1949	4,842	4,230	do	4,163	67	do	-	M
25adb-1	Holndswth-Travis	1949	4,871	4,235	do	4,210	28	do	-	-
25bbb-1S	Pan Amer. #7 Fed.	1952	4,845	4,166	310PSPR	4,141	4	-	-	P
25bcb-1	Lacey #3 Fed.	1949	4,818	4,205	310WEBR	4,193	12	310PRKC	-	-
26aab-1	Pan Amer. #5 Fed.	1949	4,855	4,243	do	4,089	154	do	-	P
26abb-1	Pan Amer. #2 Fed.	1949	4,880	4,251	do	4,046	155	-	46.0	M
26adb-1S	Holndswth-Travis	1949	4,871	2,300	221ENRD	2,190	5	-	-	P
26bab-1	Pan Amer. #3 Fed.	1949	4,905	4,287	310WEBR	4,142	139	-	49.0	P
26bca-1	Holndswth Travis	1949	4,945	4,393	310PSPR	4,372	21	-	-	P
26bca-1D	do	1956	4,945	7,366	-	-	-	-	-	-
27aaa-1	Pan Amer. #9 Fed.	1949	4,913	4,290	310WEBR	4,268	22	-	-	P
(D- 5-23)18bdc-1	Cal. Oil #1 Fed.	1949	4,898	4,439	do	4,366	6	310PRKC	-	P
26baa-1	Belco Petrol. 1-26 Fed.	1965	4,930	2,350	do	2,192	-	220NVJO	-	P
(D- 5-25)36ccc-1W	State of Utah	1947	5,890	628	231SRMP	-	-	-	-	P
(D- 6-20)10aac-1S	Diamond Head #3 Fed.	1952	5,040	8,041	124GRRV	7,748	17	-	-	P
30ada-1	Mobil (F42-30G)	1971	5,150	11,950	124UINT	4,260	23	-	-	P
(D- 6-21)19dbb-1	McLish #1 Fed.	1967	4,786	7,728	124GRRV	6,906	610	124WSTC	-	P
27cdc-1	Cal. Oil #3A (24-27)	1965	4,724	7,560	124UINT	3,513	19	124GRRV	-	M
								124WSTC	-	M
33adc-1	Cal. Oil #5 (42-33)	1965	5,043	7,750	124GRRV	5,392	24	124GRRV	-	M
								124WSTC	-	M
34bdc-1	Cal. Oil #2 (22-34)	1964	4,789	7,379	124GRRV	6,918	30	124GRRV	-	M
35bbb-1	Cal. Oil #4 (11-35)	1965	4,821	7,415	do	6,760	16	-	-	P
(D- 6-22)32dcd-1	McLish #1 State	1964	4,972	6,705	do	5,735	21	-	-	P
(D- 6-23) 1acc-1	Utah So. #1 Fed.	1957	5,150	2,252	310WEBR	2,065	53	310PSPR	-	-
1bad-1W	Garner #1 Boesche	1953	5,170	2,650	do	2,450	123	-	43.0	M
(D- 6-25)36cab-1W	State of Utah	-	5,695	1,420	210CRCS	-	-	-	17.0	P
(D- 7-21) 3abc-1	Diamond Shamrock #2	1964	5,018	7,402	124GRRV	6,782	-	-	-	P
17dab-1	Gulf #3 Bren. Bot.	-	4,863	7,070	do	6,635	315	124WSTC	-	P
(D- 7-22) 5aaa-1	Pan Amer. #1 Fed.	-	4,930	-	do	5,332	5	124GRRV	-	M
14bba-1	Chevron #33 (14-14A)	1959	5,210	5,734	do	5,634	-	-	-	P
14cac-1	Chevron #166 (23-14A)	1962	5,020	5,671	do	4,984	-	-	-	P
14daa-1	Chevron #54 (43-13A)	1957	5,240	6,292	124UINT	2,597	19	-	-	P
15dca-1	Chevron #34-15A RW	1959	5,050	5,624	124GRRV	5,493	-	-	-	P
22aac-1	Chevron #131 (41-22A)	1960	5,200	5,682	do	5,621	31	-	-	P
22acc-1S	Cal. Oil #32-22A Fed.	1955	5,270	6,081	do	5,430	-	-	-	P
22bab-1	Chevron #98 (21-22A)	1959	5,240	5,794	do	5,542	42	-	-	P
22cca-1	Chevron #104 (14-22A)	1959	5,380	5,885	do	5,529	-	-	-	P
23bca-1	Chevron #118 (12-23A)	1960	5,270	5,774	do	5,519	7	-	-	P
24cca-1	Cal. Oil #39 Fed.	-	5,415	-	124UINT	2,624	27	-	-	P
25cad-1	Chevron #204 (23-25A)	1965	5,530	6,200	124GRRV	6,064	22	-	-	P
28cca-1	Chevron #124 (14-28A)	1960	5,420	6,000	do	5,616	-	-	-	P
29abb-1	Chevron #217 (31-29A)	1971	5,310	6,470	do	5,661	19	124GRRV	-	M
					do	5,788	24	do	-	M
					124WSTC	6,354	24	-	-	M
29cab-1	Chevron #119 (43-29A)	1960	5,400	6,010	124GRRV	5,796	-	-	-	M
29cac-1	Gulf #2 Wonsits	1959	5,380	6,508	do	5,820	26	-	-	P
34bac-1	Chevron #202 (21-34A)	1965	5,360	5,876	do	5,392	20	124GRRV	-	M
(D-7-23) 9dcb-1	Pan Amer. #4 Fed.	-	5,170	-	do	4,743	5	-	-	P
11bcc-1	Humble #1-B4 Fed.	1953	5,215	5,754	do	4,237	-	-	-	P
13aca-1	Chevron #36 (32-13B)	1955	5,820	5,950	do	4,667	-	-	-	P
13bab-1	Chevron #77 (21-13B)	1957	5,550	5,690	do	4,433	-	-	-	P

Table 4.--Records of selected petroleum-test wells--Continued

Location	Name	Year constructed	Altitude (ft)	Well depth (ft)	Major aquifer or water-bearing zone	Depth to top of major aquifer or water-bearing zone (ft)	Length of well open (ft)	Minor aquifer or water-bearing zone	Temperature (°C)	Other data available
(D- 7-23) 14ada-1	Chevron #151 (42-14B)	1961	5,490	5,690	124GRRV	4,398	-	-	-	P
14cad-1	Cal. Oil #23 Fed.	-	5,620	5,835	do	5,489	19	-	-	P
14ccd-1	Chevron #33 (14-14B)	-	5,585	-	do	4,904	16	-	-	P
14dad-1	Chevron #27 (43-14B)	1953	5,520	5,637	do	4,978	-	-	-	P
14dbc-1	Chevron #143 (33-14B)	1961	5,700	5,885	do	5,142	-	-	-	P
15acc-1	Chevron #160 (32-15B)	1962	5,370	5,452	do	4,372	70	-	-	M
15cab-1	Chevron #23-15B	-	5,605	-	do	5,158	488	-	-	P
18ccc-1	Cal. Oil #14 Fed.	-	5,462	6,359	do	5,104	72	-	-	P
22acc-1	Chevron #8 (32-22B)	1951	5,716	5,820	do	5,558	174	-	-	P
22cda-1	Chevron #140 (24-22B)	1960	5,610	5,773	do	5,118	620	-	-	P
25aab-1	Chevron #37 (41-25B)	1950	5,580	5,484	do	5,369	9	-	-	P
27ccc-1	Chevron #80 (14-27B)	1958	5,540	5,708	do	5,380	137	-	-	P
28add-1	Chevron #177 (42-28B)	1962	5,610	5,797	do	5,652	1	-	-	P
28cad-1	Chevron #120 (23-28B)	-	5,570	-	do	5,521	36	-	-	P
29ccc-1	Chevron #153 (14-29B)	1961	5,430	5,962	do	5,690	20	124GRRV	-	M
(D- 7-24) 8aca-1	Humble #2 Fed.	-	5,621	5,640	do	5,447	39	-	-	P
11ccb-1	Lansdale #11-1 WH	1965	5,695	-	do	5,000	35	-	-	P
14ccd-1	Sunray #1 Fed. D	1961	5,782	-	do	5,155	61	124GRRV	-	M
15ccd-1	Chevron #62 RWU	-	5,747	5,625	do	5,308	11	-	-	P
21cad-1	Chevron #205 (23-21C)	1965	5,646	5,261	do	3,993	29	124GRRV	-	M
21dad-1	Chevron #197 (43-21C)	1965	5,708	5,373	do	4,230	20	do	-	M
					124WSTC	5,260	13	-	-	M
21dda-1	Chevron 44-21C Fed.	1974	5,720	18,607	310WEBR	18,062	-	310WEBR	-	M
26acd-1	Chevron #203 (32-26C)	1965	5,683	5,100	124UINT	1,680	0	-	-	P
27ccd-1	Chevron #46 RWU	-	5,673	-	211CSLG	9,639	1	-	-	M
28acd-1	Chevron #201	1965	5,655	-	124GRRV	3,571	15	-	-	P
31acb-1	Cal. Oil #187 Fed.	-	5,328	-	do	4,990	17	124GRRV	-	M
35acc-1	Chevron #211 (32-35C)	1965	5,555	-	do	2,145	40	do	-	M
								do	-	M
36aaa-1	Cal. Oil #1 (41-36C)	1965	5,744	-	124GRRV	5,052	20	do	-	M
				-	-	-	-	do	-	M
(D- 8-20) 27aac-1	Diamond Shamrock #1	1964	4,656	6,185	124GRRV	4,238	-	-	-	P
36baa-1	Shell Oil #1 State	1966	4,702	5,615	124PCCK	3,385	10	124CDGC	43.0	M
								124DGCK	43.0	M
(D- 8-21) 28ddd-1	Belco Petrol. #2	1960	4,800	7,195	124WSTC	6,400	86	-	-	P
29bcc-1	Gulf Oil #5 Gyp Hill	1969	4,693	5,539	124GRRV	3,495	53	-	-	P
(D- 8-22) 3cac-1	Belco Petrol. #33-3 WRU	1965	5,110	-	do	4,165	44	124GRRV	-	M
								do	-	M
4acb-1	Cal. Oil #8 Fed.	1962	5,130	6,008	124GRRV	5,959	18	-	-	P
4bab-1	Belco Petrol. #6 White River	1961	5,275	-	do	5,692	13	124GRRV	-	M
4dcd-1	Belco Petrol. #31-4	1965	5,000	5,811	do	4,469	13	do	-	M
(D- 8-23) 18dbb-1	Belco Petrol. 40-18 WRU	1965	5,231	-	do	5,344	30	do	-	M
(D- 8-24) 7acd-1	Chevron #210 (32-7F)	1965	5,198	4,880	do	2,120	30	do	-	M
8aab-1	Chevron #212 (41-8F)	-	5,514	-	211CSLG	9,159	-	-	-	P
9aaa-1	Cal. Oil #47 (41-9F)	1956	5,450	-	124GRRV	1,818	18	-	-	P
(D- 9-16) 5ddb-1	Shamrock Casl. Rk. 9	1965	5,810	5,815	124EOCN	4,602	3	-	-	P
11ddb-1	Shamrock Wal. Fed. 1	1964	5,500	6,300	124GRRV	5,013	7	-	-	P
15cbb-1	Shamrock Casl. Rk. 5	1964	5,835	5,560	do	4,440	-	-	-	P
(D- 9-17) 5bbd-2	Shamrock Mon. But. 1	1965	5,255	6,200	do	4,232	-	-	-	P
(D- 9-19) 9ccc-1	Shamrock Han. Fed. 1	1966	4,685	4,868	do	4,414	8	-	-	P
(D- 9-20) 20acd-1	Sun Oil Co.	1952	4,780	166	do	140	15	-	-	DR
22ccb-1	Conoco-Fed-22-1	1972	4,833	20,050	331MDSN	19,350	703	220NVJO	-	M
27aac-1	Dekalb	1959	4,845	6,510	124WSTC	6,468	-	-	-	DP
36ddc-1	WOSCO Test Hole	1969	4,941	3,234	124GRRV	2,729	80	-	23.5	M
(D- 9-23) 16bdd-1	Conoco #1 Chapita	-	4,997	-	211MVRD	8,287	14	-	-	P
29dba-1	Conoco #4 Fed.	1958	5,190	-	124UINT	1,430	20	-	-	P
(D- 9-24) 16add-1W	Gilson. Shaft	-	5,300	-	do	-	-	-	-	P
27dbd-1	Pac. Gas. #3 Bon. Unit	1963	5,630	4,671	124GRRV	1,932	-	-	-	P
(D-10-16) 11acd-1	Mtn. Fuel Supply	1964	6,240	5,595	124GRRV	4,289	32	-	-	P
16dac-1	Mtn. Fuel Supply Wells 3	1963	6,460	9,265	do	3,616	30	-	-	P
(D-10-17) 30bbd-1	Miami Oil Prod.	1967	6,289	5,250	124PCCK	3,777	12	124PCCK	-	P
(D-10-18) 13cdb-1	Mtn. Fuel Supply Lelad 5	1961	4,820	5,710	124GRRV	4,045	35	-	-	P
14bbd-1	Mtn. Fuel Supply Lelad 2	1961	5,120	7,160	do	2,162	120	124GRRV	-	P
					do	3,877	38	do	-	P
(D-10-19) 1cbd-1	Mtn. Fuel Supply Islnd 7	1963	4,990	6,679	do	2,850	20	-	-	P
(D-10-20) 4ccb-1	Mtn. Fuel Supply Lelad 6	1963	4,776	6,233	do	2,900	100	-	-	P
7cdb-1	Mtn. Fuel Supply Islnd 1	1961	5,025	5,730	do	3,102	40	124GRRV	-	P
8cab-1	Mtn. Fuel Supply Lelad 3	1964	4,945	6,308	do	3,310	27	do	-	P
35bbc-1W	Dekalb Uinta 2	1964	5,240	5,672	do	2,000	-	-	-	P
16add-1	Tenneco Bitter Creek 1	1961	5,160	5,606	do	1,900	-	-	-	P
(D-10-22) 17aad-1W	Dekalb Bitter Creek 2	1962	5,195	9,244	do	2,310	-	-	-	P
34bc	Depco No. 1	-	-	5,445	124WSTC	-	-	-	-	P
(D-10-23) 2acb-1	Humble #1 Hager	1961	5,460	-	do	4,592	22	-	-	P
24bba-1	Conoco So. Canyon 7	1962	4,930	6,486	124GRRV	3,066	-	-	-	P
(D-10-24) 28dcd-1	El Paso So. Canyon 5	1959	5,382	7,050	211MVRD	5,230	73	124WSTC	-	P
32cad-1	Shell Oil So. Canyon 8	1962	5,570	6,947	do	-	-	do	-	M
(D-10-25) 18dbd-1	Moab Drilling	1962	5,410	6,509	124GRRV	600	-	-	-	-
(D-11-12) 14baa-1	King Oil Co.	1950	7,310	2,240	do	635	15	-	-	P
(D-11-15) 2ccc-1	Miami Oil Producers	1967	7,124	4,860	do	-	-	-	-	P
(D-11-16) 4bbc-1	do	1967	6,910	5,296	124PCCK	4,197	21	124PCCK	-	P
(D-11-21) 7aca-1	Humble Gov. Wel. 2	1962	5,490	8,520	124WSTC	4,715	21	124WSTC	-	P
(D-11-24) 6dbc-1W	Shamrock Rkhouse 5	1962	5,196	5,950	124GRRV	223	-	-	-	P
7cac-1W	Shamrock Rainbow 3	1962	5,268	5,840	do	216	-	-	-	P
8caa-1	Shamrock Rkhouse 1	1969	5,310	6,569	do	1,210	30	124GRRV	-	P

Table 4.--Records of selected petroleum-test wells--Continued

Location	Name	Year con-structed	Altitude (ft)	Well depth (ft)	Major aquifer or water-bearing zone	Depth to top of major aquifer or water-bearing zone (ft)	Length of well open (ft)	Minor aquifer or water-bearing zone	Temper-ature (°C)	Other data available
(D-12-14)13acb-1S	Mobil Sto. Cab. 1	1964	7,591	5,515	211MVRD	8,505	112	211MVRD	-	P
(D-13-23)26acd-1	Skyline Neilson 1	1963	6,460	5,852	124GRRV	2,000	-	-	-	P
(D-14-20) 7adb-1	Phillips Petrol. Flat Rk. 3	1962	7,015	7,300	211CSLG	-	-	-	-	P
30aca-1S	Phillips Petrol.	1962	7,466	4,285	124FLGF	4,530	18	-	-	P
30aca-1S	Hiko Bell Flat Rk. 3	1963	7,466	3,985	124WSTC	3,225	30	-	-	-
30bab-1	Phillips Petrol. Flat Rk. 4	1963	7,210	4,450	124GRRV	1,883	89	-	-	P
(D-15-21)22dcc-1	Atlantic Fed. 22-2	1963	7,420	5,700	124WSTC	3,134	8	124WSTC	-	P
					211CSLG	5,518	23	-	-	P
(D-15-22)36dac-1	Texaco Fence Canyon 1	1967	7,690	10,348	221ENRD	9,232	117	-	-	P
S(B-2-102)32bcb-1	Rangely Field	-	-	7,500	310WEBR	-	-	-	47.5	C
S(B-4-104)36ddd-1W	Zephyr #1 State	1952	6,288	1,410	do	1,193	72	-	-	-
T(D-15-23)33dca-1	Texaco Fence Canyon 3	1961	7,500	8,752	221ENRD	8,630	84	-	-	P
U(A- 1- 1) 6aca-1	Carter #2 Ute	1956	6,510	7,250	124WSTC	4,658	32	124WSTC	-	M
U(A- 2- 1)18dca-1	C&C #1 Marimon	1958	7,070	655	220NVJO	-	-	-	-	-
18dca-2	C&C #1X Marimon	1958	-	950	do	-	-	-	-	-
U(B- 1- 2)34acc-1	Humble #1 Ute	1969	5,965	11,235	124GRRV	10,340	160	-	-	P
34acc-1D	GPE #1-34B Ute	1971	-	15,035	124WSTC	-	-	-	-	-
U(B- 2- 2)20bbc-1	Stan. Cal. #1 Ute	1956	8,175	6,431	124GRRV	4,115	28	-	-	P
U(B- 2- 3)22dcc-1	ARC #1 Nupahnakaw	1973	8,230	5,100	310PRKC	4,230	65	-	-	P
U(C- 1- 1) 8acd-1	GPE #1 Bastian	1963	5,740	10,954	124GRRV	10,334	119	124GRRV	-	M
13ccd-1	Carter-Peterson	1952	5,551	10,276	do	9,825	427	-	-	M
U(C- 1- 2) 3bcd-1	GPE #1 V. Brown	1954	5,921	9,150	do	9,042	68	-	-	P
3dbb-1	Chevron-Blanchard 33-3	1968	5,847	11,190	123DCRV	2,735	80	124GRRV	-	M
					124GRRV	9,153	23	do	-	M
					do	10,384	26	do	-	M
					do	10,654	133	-	-	M
6aca-1	Carter #1 Ute	1951	6,538	12,518	do	10,209	48	-	-	P
7cac-1	Chevron-Mobil 1 (2-7C)	1970	6,482	11,855	do	9,767	150	124GRRV	-	M
					do	11,378	141	-	-	M
					do	11,537	121	124GRRV	-	M
7cac-1D	do	1972	-	15,150	124WSTC	14,522	358	-	-	-
11bba-1	Chevron 1-Boren	1967	5,879	11,128	124GRRV	9,202	80	124GRRV	-	M
					do	8,915	2,213	-	-	M
11bba-1S	do	1968	5,879	10,510	do	10,373	137	-	-	M
U(C- 1- 5)36aca-1	Mapco-1-36 Stv. H.	1973	6,680	12,500	124WSTC	12,477	-	-	-	P
U(C- 2- 5) 7aca-1	Mapco-1-7 Carman	1973	6,445	15,004	124UINT	4,425	5	124GRRV	-	-
9bab-1	Union #1 Lytel	1953	7,060	10,012	124GRRV	6,406	90	-	-	-
19dca-1	Stan. Cal. #1 Ute	1960	5,990	10,119	do	9,305	113	-	-	P
U(C- 2- 8)25ada-2	Apache #1 GWLF-SM	1973	6,915	14,875	124UINT	3,442	28	124WSTC	-	-
U(C- 3- 5)25bdd-1	Carter #1 County	1953	5,695	5,257	124GRRV	5,123	134	-	-	P
36bda-1	Carter-Nielson	1953	5,650	4,800	do	4,686	19	-	-	M
U(C- 3- 6) 8bba-1	Chevron #1 Ute	1968	6,392	6,379	do	5,238	62	124GRRV	-	P
18bbd-1	Chevron #1A Ute	1965	6,240	6,000	do	4,647	68	-	-	M
18bdd-1	Chevron #2 Ute	1966	6,248	5,507	do	4,180	75	124GRRV	-	M
					124UINT	1,350	160	-	-	M
20acb-1	Mtn. Fuel Supply Cedar Rim 2	1969	6,218	8,211	124WSTC	7,794	150	124GRRV	-	M
					124GRRV	6,822	19	-	-	M
20acb-1D	do	1971	6,218	10,405	124WSTC	-	-	-	-	-
U(C- 3- 7) 1cbc-1	Cal. Oil #1 Pett.	1961	6,344	9,251	124GRRV	8,737	22	124GRRV	-	M
					do	5,542	10	do	-	M
					do	5,133	30	do	-	M
					-	-	-	do	-	M
22acd-1	Mtn. Fuel Supply 1-Sink Draw	1971	6,476	10,878	124WSTC	8,592	1,280	124WSTC	-	M
					124GRRV	6,425	50	124GRRV	-	M
					do	7,198	35	do	-	M
					124WSTC	8,592	1,383	-	-	M
24acd-1	Mtn. Fuel Supply 2-Sink Draw	1971	6,225	10,360	do	10,078	200	-	-	P
29bdd-1	Mtn. Fuel Supply Cedar Rim 1	1965	6,994	8,143	-	-	-	-	-	-
29bdd-1D		1971	6,994	11,674	124WSTC	10,550	124	-	-	P
U(C- 3- 8)20ddd-1	Mtn. Fuel Supply 1-M. A. Smith	1971	6,570	12,500	do	10,794	74	-	-	P
U(C- 4- 1)13dad-1	Gulf Val. Wash 1	1969	4,942	5,400	124GRRV	4,020	60	124GRRV	-	P
U(C- 4- 4)13dda-1	Carter W. Moon 1	1952	5,650	7,600	do	3,281	288	do	-	P
16aca-1	Friar Ute Tribe 3	1959	5,856	3,595	do	2,770	580	-	-	P
17aca-1	Friar Ute Tribe 6	1962	5,910	3,582	do	2,438	1,140	-	-	P
17bcd-1	Friar Ute Tribe 7	1968	5,945	3,408	do	3,196	354	-	-	P
U(C- 4- 5) 8bdd-1	Gulf Tribal No. 2	1966	6,180	8,122	124WSTC	7,376	746	-	-	-
10bdd-1S	Gulf Oil Corp.	1972	6,095	7,465	do	7,481	-	124GRRV	-	P
U(C- 4- 6)13cdc-1	Midwest Utah So.	1928	6,510	4,677	-	-	-	-	-	-
U(C- 5- 4)13ccc-1	Shamrock Ute 1-13	1966	6,210	5,236	124GRRV	4,093	3	-	-	P
U(C- 6- 6)35bdd-1	Humble Sowers 1	1963	7,490	5,500	do	3,190	70	-	-	P
U(D- 1- 1)21cbd-1	Carter #1 Ute	1949	5,400	9,391	do	9,357	34	-	-	M
21dbc-1	Carter #2 Ute	1950	5,385	9,393	do	9,080	-	-	-	M

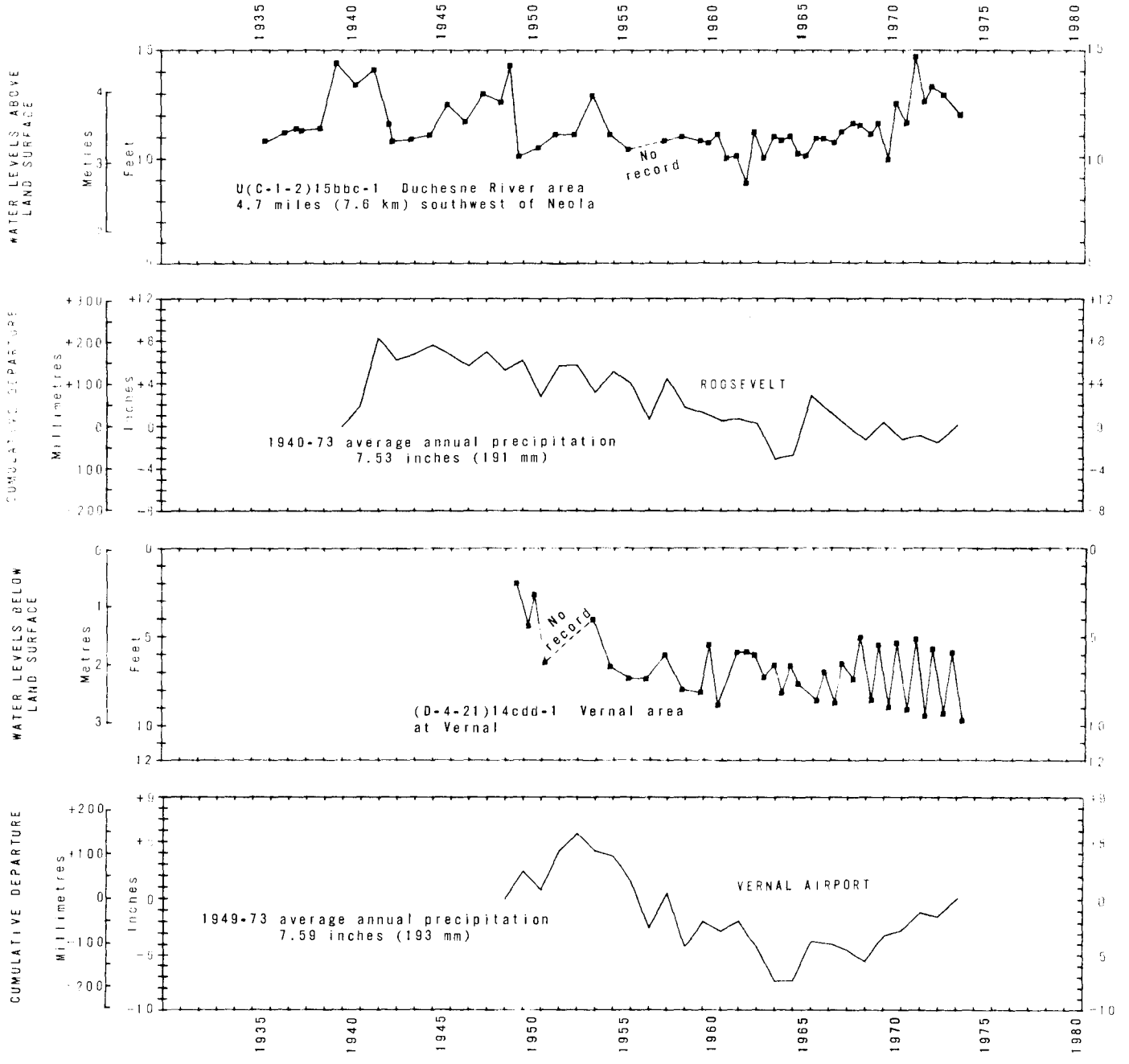

Figure 2.—Graphs of water levels in representative wells in the northern Uinta Basin area, Utah, and cumulative departures from average annual precipitation at nearby climatological stations.

Table 5.--Water levels in observation wells

Altitudes of land-surface datum (LSD) given to nearest foot are interpolated from topographic maps; those given to hundredths are surveyed altitudes. MSL, mean sea level.
Water level: In feet below or above (+) land-surface datum. A, well being pumped; B, well recently pumped (or flowed); C, nearby well being pumped; D, nearby well recently pumped; E, estimated--see individual record; F, dry; H, tape measurement (recorder); J, see individual record; N, no measurement; O, discontinued.

(D-2-22)29DCD-1. STATE CHANGE APP. 3690, WELL #2. STAUFFER CHEM. CO. DRILLED UNUSED ARTESIAN WELL IN THE WEBER SS. DIAM 12 IN. DEPTH 630 FT. CASED TO 167 FT. WITH OPEN HOLE BELOW. MP TOP OF CASING, AT LSD. WATER LEVELS AFFECTED BY BAROMETRIC CHANGES. DAILY NOON MEASUREMENTS FROM RECORDER. J, WATER LEVEL AFFECTED BY FLOW INTO WELL FROM SNOWMELT OR THUNDERSTORM RUNOFF.
LSD 5980 FT ABOVE MSL.
HIGHEST WATER LEVEL 64.87 BELOW LSD, NOV. 25, 1973.
LOWEST WATER LEVEL 66.78 BELOW LSD, OCT. 10, 1972.
RECORDS AVAILABLE: 1971-74.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
						1971						
5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.23	66.24
10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.56	66.12
15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.16	66.13
20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.46	.....
25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66.22	.....
EOM	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	N	.....
						1972						
5	.....	.....	66.42	66.19H	66.00	66.21	66.23	66.23	65.97	66.05	65.71	65.65
10	.....	.....	66.35	66.12	66.07	66.10	66.12	66.12	65.93	66.78	65.92	65.99
15	.....	.....	66.37	66.20	66.16	66.18	66.02	66.10	66.05	66.01	65.73	66.36
20	.....	.....	66.22	66.14	65.96	66.14	65.95	66.19	66.13	65.75	65.83	66.00
25	.....	.....	65.97	65.93	66.01	66.07	66.13	66.03	65.83	65.97	66.05	66.15
EOM	.....	.....	N	66.19	66.10	66.18	66.11	66.07	66.14	66.03	66.14	65.87
						1973						
5	65.90	65.72	65.23	65.62	65.17	65.41	65.17	65.14	65.35	65.25	65.21	65.37
10	65.93	65.73	65.43	65.51	65.37	65.12	65.34	65.15	65.38	65.12	65.36	65.62
15	66.13	65.63	65.59	N	65.57	65.04	65.28	65.23	65.15	65.41	65.29	65.66
20	65.70	65.87	65.45	N	65.19	65.38	65.42J	65.26	65.12	65.13	65.02	65.69
25	66.15	65.68	65.68	65.41	64.95	65.14	65.50	65.05	65.08	65.17	64.87	65.23
EOM	65.67	65.39	65.47	65.15	65.22	65.04	65.30	65.05	65.23	65.03	65.40	65.43
						1974						
5	65.18	65.44	65.66	65.77	65.60	65.44	.....	.....	.....	.....	.....	.....
10	65.38	65.85	65.59	65.18	65.31	65.66	.....	.....	.....	.....	.....	.....
15	65.77	65.70	65.70	65.72	65.22	65.63	.....	.....	.....	.....	.....	.....
20	65.47	65.47	65.60	65.36	65.51	65.58	.....	.....	.....	.....	.....	.....
25	65.52	65.88	65.52	65.62	65.73	65.57	.....	.....	.....	.....	.....	.....
EOM	65.52	65.62	65.28	65.71	65.54	.....	.....	.....	.....	.....	.....	.....

(D-3-20)25ABC-1. NO STATE APPLICATION. H T PELTIER. AQUIFER TEST OBSERVATION WELL DRILLED BY U.S.SOIL CONSERVATION SERVICE IN GLACIAL OUTWASH AND SANDSTONE. DIAM 6 IN. DEPTH 65 FT. CASED TO 40.5 FT. PERFORATED 4-36 FT. MP TOP OF CASING, 1.5 FT ABOVE LSD. MEASUREMENTS THROUGH JUNE 30, 1966 MADE BY SCS. WATER LEVEL AFFECTED BOTH BY FLOW IN NEARBY DRY FORK AND BY SNOWMELT AND IRRIGATION WATER IN FIELD AROUND WELL.
LSD 5997.26 FT ABOVE MSL.
HIGHEST WATER LEVEL 2.81 BELOW LSD, SEP. 20, 1965.
LOWEST WATER LEVEL 6.86 BELOW LSD, AUG. 19, 1974.
RECORDS AVAILABLE: 1965-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 4, 1965	4.25	JUNE 12, 1965	4.21	OCT. 19, 1965	3.06	JUNE 14, 1966	3.68
MAR. 8	4.12	JUNE 13	4.06	OCT. 25	3.16	JUNE 15	3.66
MAR. 9	4.10	JUNE 14	4.06	OCT. 31	3.21	JUNE 16	3.61
MAR. 10	4.16	JUNE 15	4.06	NOV. 30	3.21	JUNE 17	3.54
MAR. 11	4.16	JUNE 16	4.16	DEC. 30	3.36	JUNE 18	3.51
MAR. 12	4.03	JUNE 17	3.96	JAN. 29, 1966	3.96	JUNE 19	3.56
MAR. 15	3.96	JUNE 18	4.01	FEB. 28	3.96	JUNE 20	3.59
MAR. 16	3.88	JUNE 19	4.11	MAR. 28	3.76	JUNE 21	3.61
MAR. 17	3.82	JUNE 20	4.11	APR. 29	4.91	JUNE 22	3.51
MAR. 18	3.82	JUNE 21	4.21	MAY 11	4.46	JUNE 23	3.51
MAR. 19	3.88	JUNE 22	4.31	MAY 12	4.41	JUNE 24	3.53
MAR. 22	3.94	JUNE 23	4.44	MAY 13	4.51	JUNE 25	3.69
MAR. 24	3.78	JUNE 24	4.21	MAY 14	4.56	JUNE 26	3.76
MAR. 25	3.82	JUNE 25	4.06	MAY 15	4.86	JUNE 27	3.90
APR. 9	3.57	JUNE 26	3.92	MAY 16	4.86	JUNE 28	3.86
APR. 15	3.79	JUNE 27	3.76	MAY 17	4.96	JUNE 29	3.86
APR. 21	4.30	JUNE 28	3.94	MAY 18	5.16	JUNE 30	3.86
APR. 28	4.46	JUNE 29	4.11	MAY 19	5.21	AUG. 15	3.93
MAY 4	4.86	JUNE 30	3.96	MAY 20	5.26	MAR. 15, 1967	3.89
MAY 10	4.50	JULY 1	3.93	MAY 21	5.31	AUG. 10	3.56
MAY 18	4.70	JULY 2	4.06	MAY 22	5.31	MAR. 22, 1968	3.72
MAY 21	5.30	JULY 3	3.66	MAY 23	5.36	AUG. 12	3.30
MAY 24	5.17	JULY 4	3.91	MAY 24	5.06	MAR. 21, 1969	4.32
MAY 25	5.03	JULY 7	3.96	MAY 25	4.76	AUG. 12	4.09
MAY 26	5.16	JULY 11	4.06	MAY 26	3.66	MAR. 5, 1970	3.81
MAY 27	4.46	JULY 15	4.16	MAY 27	4.56	AUG. 13	4.19
MAY 28	4.82	JULY 18	4.76	MAY 28	4.36	MAR. 9, 1971	4.57
MAY 29	5.01	JULY 23	4.81	MAY 29	4.41	SEP. 2	4.93
MAY 30	4.79	JULY 27	3.21	MAY 31	4.46	MAR. 2, 1972	3.47
MAY 31	5.26	JULY 31	3.36	JUNE 1	4.51	APR. 5	5.76
JUNE 1	5.23	AUG. 4	3.41	JUNE 2	4.41	MAY 31	5.74
JUNE 2	5.26	AUG. 13	3.41	JUNE 3	4.51	AUG. 1	5.65
JUNE 3	5.07	AUG. 16	3.41	JUNE 4	4.46	OCT. 18	4.66
JUNE 4	4.82	AUG. 23	3.16	JUNE 5	4.41	JAN. 24, 1973	4.57
JUNE 5	4.61	AUG. 29	3.16	JUNE 6	4.16	MAR. 7	4.36
JUNE 6	4.66	SEP. 5	3.21	JUNE 7	4.01	JUNE 14	5.73
JUNE 7	4.79	SEP. 12	3.16	JUNE 8	3.96	AUG. 30	4.54
JUNE 8	4.96	SEP. 20	2.81	JUNE 9	3.76	JAN. 31, 1974	5.44
JUNE 9	4.96	SEP. 26	3.01	JUNE 10	3.72	MAR. 22	3.93
JUNE 10	4.58	OCT. 3	3.11	JUNE 11	3.66	JUNE 19	6.06
JUNE 11	4.31	OCT. 10	3.11	JUNE 13	3.66	AUG. 19	6.86

(D-3-20)25ABC-2. NO STATE CLAIM. H T PELTIER. DRILLED UNUSED (AQUIFER-TEST) WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 12 IN. DEPTH 32 FT. MP TOP OF CASING. 1.0 FT ABOVE LSD. WATER LEVELS AFFECTED BY FLOW IN NEARBY DRY FORK AND BY WATER IN FIELD AROUND WELL. MEASUREMENTS PRIOR TO 1972 BY U S SOIL CONSERVATION SERVICE. AFTER MAY 4,1965. DAILY NOON MEASUREMENTS FROM RECORDER. E. ESTIMATED FROM INDISTINCT RECORDER TRACE: J. WATER IN FIELD.
LSD 5992 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.97 BELOW LSD. JULY 5. 1966.
LOWEST WATER LEVEL 7.01 BELOW LSD. AUG. 15. 1974.
RECORDS AVAILABLE: 1965-66. 1972-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 23. 1965	4.3	MAR. 4. 1965	5.9	MAR. 15. 1965	5.44	MAR. 24. 1965	5.52
FEB. 24	5.1	MAR. 5	5.93	MAR. 16	5.32	MAR. 25	5.62
FEB. 25	5.2	MAR. 8	5.63	MAR. 17	5.13	APR. 9	5.23
FEB. 26	5.9	MAR. 9	5.63	MAR. 18	5.14	APR. 15	5.33
MAR. 1	5.4	MAR. 10	5.61	MAR. 19	5.35	APR. 21	5.93
MAR. 2	5.8	MAR. 11	5.61	MAR. 22	5.33	APR. 28	5.99
MAR. 3	5.9	MAR. 12	5.58	MAR. 23	5.40	MAY 4	6.17

1965 - CONTINUED

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
5	.....	.....	.....	.....	.....	5.00	2.95	3.95	4.29	4.22	4.35	4.67
10	.....	.....	.....	.....	5.94	5.43	4.19	4.37	4.02	4.31	4.31	4.55
15	.....	.....	.....	.....	5.58	3.08	4.58	4.24	4.34	4.38	4.06	4.44
20	.....	.....	.....	.....	6.09	3.81	4.59	3.78	3.47	4.29	N	4.66
25	.....	.....	.....	.....	6.12	3.86	4.58	3.95	3.76	4.36	N	4.78
EOM	.....	.....	.....	.....	6.04	3.82	3.15	4.30	4.05	4.38	4.49	4.84

1966

5	5.21	5.85	5.82	5.80	6.34	3.44	0.97J	4.24	.....	.....	.....	.....
10	5.33	5.76	5.77	N	6.01	1.45	2.18	4.71	.....	.....	.....	.....
15	5.52	5.80	5.39	6.00	5.85	3.66	3.14	4.98	.....	.....	.....	.....
20	5.73	5.85	5.52	5.85	5.17	3.98	3.50	.....	.....	.....	.....	.....
25	5.84	5.82	5.66	6.10	3.34	4.36	3.68	.....	.....	.....	.....	.....
EOM	5.89	5.79	5.67	6.24	3.48	4.01	4.12	.....	.....	.....	.....	.....

1972

5	.....	.....	.....	5.38	5.87	5.40	5.61	6.15	6.18	6.01	N	5.56
10	.....	.....	.....	5.46	5.87	5.22	5.70	6.38	N	5.86	N	5.54
15	.....	.....	.....	5.25	5.92	5.33	5.92	6.40	6.31	5.83	5.46	5.57
20	.....	.....	.....	5.28	5.93	5.18	N	6.33	6.05	5.65	5.33	5.66
25	.....	.....	.....	5.59	5.93	5.28	6.13	6.37	6.06	5.59	5.45	5.61
EOM	.....	.....	5.31	5.73	5.68	5.50	6.22	6.43	6.07	N	5.55	5.65

1973

5	5.66E	.....	.....	4.63	5.37	5.37	5.98	5.63	5.54	5.89	5.62	5.32
10	5.71E	.....	5.65E	5.05	5.58	5.19	6.03	5.74	5.60	5.60	5.23	5.33
15	5.74E	.....	5.58	5.27	5.72	5.01	5.68	5.83	5.54	5.65	5.38	5.31
20	5.79E	.....	5.07	4.93	5.58	5.48	5.47	5.77	5.71	5.68	5.39	5.32
25	.....	.....	4.48	5.22	5.40	5.71	5.53	5.59	5.67	5.66	5.34	5.31
EOM	.....	.....	4.28	5.28	5.46	5.83	5.68	5.68	5.71	5.60	5.31	N

1974

5	.....	5.93	N	5.50	6.00	6.24	6.80	6.92	.....	.....	.....	.....
10	.....	5.94	N	5.57	5.97	6.08	6.87	N	.....	.....	.....	.....
15	.....	5.91	N	5.65	6.05	6.30	6.93	7.01	.....	.....	.....	.....
20	.....	5.91	N	5.61	6.06	N	6.88	.....	.....	.....	.....	.....
25	.....	5.93	5.53	5.72	6.10	N	6.80	.....	.....	.....	.....	.....
EOM	5.94H	5.93	5.55	5.87	6.18	6.73	6.89	.....	.....	.....	.....	.....

(D-3-21)20BAA-1. STATE CLAIM 6641. LESTER BINGHAM. DRILLED IRRIGATION AND STOCK FLOWING ARTESIAN WELL IN THE SHINARUMP CONGLOMERATE. DIAM 8 IN. DEPTH 210 FT. CASED TO 148 FT. OPEN HOLE 148-210 FT. MP WAS TOP OF 8-IN COUPLING. 2.5 FT ABOVE LSD. WATER FLOWS TO STREAM AND IS DIVERTED DOWNSTREAM.
LSD 6060 FT ABOVE MSL.
HIGHEST WATER LEVEL 11.8 ABOVE LSD. SEP. 24. 1940.
LOWEST WATER LEVEL 3.8 ABOVE LSD. OCT. 9. 1942.
RECORDS AVAILABLE: 1935. 1937-49. 1951-52. 1964-65.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8. 1935	+10.1 B	SEP. 24. 1940	+11.8 B	NOV. 4. 1944	+8.0	OCT. 4. 1949	+ 6.37B
JUNE 24. 1937	+11.65B	OCT. 1. 1941	+ 6.1 B	OCT. 20. 1945	+8.8 B	OCT. 9. 1951	+ 6.7 B
OCT. 13	+10.35B	AUG. 2. 1942	+ 6.7 B	OCT. 24. 1946	+7.6 B	OCT. 28. 1952	+11.7
OCT. 22. 1938	+10.3 B	OCT. 9	+ 3.8 B	OCT. 14. 1947	+7.3	OCT. 6. 1964	+ 5.13
SEP. 16. 1939	+ 9.8 B	OCT. 20. 1943	+ 7.0 B	OCT. 5. 1948	+7.0 B	MAR. 4. 1965	+ 6.08

(D-4-21)14CDD-1. STATE APPLICATION 17895. N G MURRAY. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 6 IN, DEPTH 100 FT. MP TOP OF COLLAR ON CASING, 1.0 FT ABOVE LSD.
LSD 5319 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.83 BELOW LSD, JUNE 1, 1950.
LOWEST WATER LEVEL 9.70 BELOW LSD, MAR. 22, 1974.
RECORDS AVAILABLE: 1949-51, 1953-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 16, 1949	2.86	SEP. 7, 1950	4.03	OCT. 18, 1961	5.86	AUG. 12, 1969	5.43
JULY 1	3.37	NOV. 8	4.95	MAY 1, 1962	5.84	MAR. 5, 1970	8.96
JULY 19	2.16	DEC. 4	4.50	OCT. 9	6.02	AUG. 13	5.33
AUG. 2	2.01	JAN. 3, 1951	5.71	APR. 16, 1963	7.25	MAR. 9, 1971	9.09
SEP. 1	4.31	FEB. 5	6.38	NOV. 14	6.57	SEP. 2	5.11
OCT. 4	5.11	MAR. 6	6.45	APR. 15, 1964	8.15	MAR. 3, 1972	9.43
NOV. 9	4.35	OCT. 28, 1953	4.04	OCT. 6	6.60	AUG. 1	5.66
DEC. 2	5.38	OCT. 12, 1954	6.65	MAR. 4, 1965	7.63	OCT. 18	9.27
JAN. 5, 1950	6.02	OCT. 19, 1955	7.31	MAR. 16, 1966	8.58	JAN. 24, 1973	9.30
FEB. 7	5.97	OCT. 15, 1956	7.35	AUG. 15	6.95	MAR. 8	9.32
MAR. 2	4.64	OCT. 22, 1957	6.02	MAR. 15, 1967	8.72	JUNE 14	5.58
APR. 4	4.40	OCT. 8, 1958	7.95	AUG. 10	6.49	AUG. 31	5.86
MAY 4	4.72	OCT. 20, 1959	8.11	MAR. 22, 1968	7.37	MAR. 22, 1974	9.70
JUNE 1	1.83	APR. 5, 1960	5.44	AUG. 12	5.02	JUNE 19	6.17
JULY 6	2.69	OCT. 4	8.83	MAR. 21, 1969	8.55	AUG. 21	8.16
JULY 28	2.62						

(D-4-21)15BBB-1. NO STATE CLAIM. DORR FINICAN. DUG DOMESTIC WATER-TABLE WELL IN ALLUVIUM. DIAM 36 IN, DEPTH 13 FT. MP TOP OF TIMBER OVER WELL, 1.0 FT ABOVE LSD.
LSD 5451.32 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.58 BELOW LSD, JUNE 1, 1949,
DRY, WATER LEVEL NOT MEASUREABLE, OCT. 15, 1956.
RECORDS AVAILABLE: 1948-52, 1954-61.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 20, 1948	4.90	JAN. 5, 1949	5.36	DEC. 2, 1949	4.69	FEB. 5, 1951	4.74
APR. 5	5.02	FEB. 1	5.71	JAN. 5, 1950	4.52	MAR. 6	4.80
APR. 12	5.63	MAR. 3	5.82	FEB. 4	4.63	OCT. 9	8.54
APR. 30	6.35	APR. 5	5.11	MAR. 2	4.27	OCT. 28, 1952	7.22
MAY 14	5.81	MAY 2	6.63	APR. 4	4.20	OCT. 12, 1954	10.22
JUNE 2	5.00	JUNE 1	3.58	MAY 4	4.24	OCT. 19, 1955	10.53
JUNE 15	4.36	JUNE 16	3.91	JUNE 2	3.68	OCT. 15, 1956	F
JULY 1	4.95	JULY 1	4.40	JULY 6	4.24	OCT. 22, 1957	8.62
JULY 29	7.72	JULY 19	4.25	JULY 28	4.22	OCT. 8, 1958	10.12
AUG. 31	9.80	AUG. 2	5.33	SEP. 7	7.54	OCT. 20, 1959	8.76
OCT. 5	11.10	SEP. 1	7.48	NOV. 8	7.82	APR. 5, 1960	5.57
NOV. 6	8.15	OCT. 4	8.28	DEC. 4	8.24	OCT. 4	9.02
DEC. 1	6.11	NOV. 9	4.89	JAN. 3, 1951	7.46	MAR. 28, 1961	5.79

(D-4-21)15DAA-1. NO STATE CLAIM. ARVEL ALLRED. DUG DOMESTIC WATER-TABLE WELL IN ALLUVIUM. DIAM 18 IN, DEPTH 12 FT. MP TOP OF 18-IN CORRUGATED IRON CASING.
LSD 5363.06 FT ABOVE MSL.
HIGHEST WATER LEVEL 5.13 BELOW LSD, JULY 19, 1949.
LOWEST WATER LEVEL 12.79 BELOW LSD, OCT. 10, 1951.
RECORDS AVAILABLE: 1948-52.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 20, 1948	8.50	NOV. 6, 1948	8.88	AUG. 2, 1949	6.20	JULY 5, 1950	5.72
APR. 5	7.53	DEC. 1	8.79	SEP. 1	5.98	JULY 28	5.75
APR. 14	6.83	JAN. 5, 1949	8.68	NOV. 9	5.44	SEP. 7	7.75
APR. 30	6.67	FEB. 1	8.62	DEC. 2	6.28	NOV. 8	7.54
MAY 14	6.06	MAR. 3	8.16	JAN. 5, 1950	7.22	DEC. 4	7.99
JUNE 2	6.05	APR. 5	7.45	FEB. 4	7.32	JAN. 3, 1951	8.33
JUNE 15	6.15	MAY 3	6.46	MAR. 2	6.62	FEB. 5	8.76
JULY 1	6.37	JUNE 1	5.15	APR. 4	7.31	MAR. 6	7.86
JULY 29	7.39	JUNE 16	5.38	MAY 4	7.01	OCT. 10	12.79
AUG. 31	9.03	JULY 1	5.49	JUNE 1	6.00	OCT. 28, 1952	7.35
OCT. 5	9.01	JULY 19	5.13				

(D-4-21)15DDD-1. NO STATE CLAIM FOUND. BILL HALL. DRIVEN DOMESTIC WATER-TABLE WELL IN ALLUVIUM. DIAM 1.5 IN, DEPTH 14 FT. MP WAS TOP OF PITCHER PUMP, 4.0 FT ABOVE LSD.
LSD 5358 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.02 BELOW LSD, OCT. 9, 1942,
LOWEST WATER LEVEL 2.57 BELOW LSD, SEP. 8, 1939.
RECORDS AVAILABLE: 1939-44.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 8, 1939	2.57	OCT. 2, 1941	1.36	OCT. 9, 1942	1.02	OCT. 21, 1943	1.11
SEP. 24, 1940	1.87	AUG. 2, 1942	1.73	AUG. 20, 1943	1.75	NOV. 4, 1944	1.21

(D-4-21)16BBA-1. NO STATE CLAIM. WM SCHAEFERMEYER. DUG UNUSED WELL IN GLACIAL OUTWASH. DIAM 6 IN. DEPTH 25 FT. MP TOP OF WOODEN-STAVE CASING. 5.0 FT BELOW LSD
LSD 5529.50 FT ABOVE MSL.
HIGHEST WATER LEVEL 8.62 BELOW LSD. JULY 6, 1950.
LOWEST WATER LEVEL 20.42 BELOW LSD. FEB. 3, 1949.
RECORDS AVAILABLE: 1948-65.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 29, 1948	19.30	JULY 19, 1949	11.47	JULY 28, 1950	11.37	OCT. 22, 1957	17.23
MAY 14	18.10	AUG. 2	12.80	SEP. 7	15.74	OCT. 8, 1958	16.82
JUNE 2	11.22	SEP. 1	15.66	NOV. 8	18.14	OCT. 20, 1959	18.87
JUNE 15	9.48	OCT. 4	17.37	JAN. 3, 1951	18.90	APR. 5, 1960	20.19
JULY 1	11.92	NOV. 9	17.85	FEB. 5	19.31	OCT. 4	19.44
JULY 29	14.18	DEC. 2	18.23	MAR. 6	19.29	MAR. 28, 1961	18.62
AUG. 31	15.78	JAN. 5, 1950	18.75	OCT. 9	17.65	OCT. 18	15.58
OCT. 5	17.80	FEB. 4	19.17	FEB. 7, 1952	19.32	OCT. 9, 1962	14.11
FEB. 3, 1949	20.42	MAR. 2	19.50	OCT. 28	17.82	APR. 16, 1963	20.41
APR. 5	19.45	APR. 4	18.60	OCT. 27, 1953	18.18	NOV. 14	16.19
MAY 2	18.43	MAY 4	18.20	OCT. 12, 1954	17.68	APR. 15, 1964	20.41
JUNE 1	10.09	JUNE 2	12.49	OCT. 19, 1955	18.88	OCT. 6	14.96
JUNE 16	11.58	JULY 6	8.62	OCT. 15, 1956	18.99	MAR. 4, 1965	14.91
JULY 1	12.28						

(D-4-21)21DCD-1. STATE APPLICATION 16665. D C DOW. DRILLED UNUSED WATER-TABLE WELL IN ALLUVIUM. DIAM 4 IN. DEPTH 23 FT. MP TOP OF CASING. 1.5 FT ABOVE LSD.
LSD 5437.07 FT ABOVE MSL.
HIGHEST WATER LEVEL 4.25 BELOW LSD. JULY 7, 1950.
LOWEST WATER LEVEL 10.55 BELOW LSD. MAR. 28, 1961.
RECORDS AVAILABLE: 1948-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 30, 1948	9.60	OCT. 4, 1949	7.83	OCT. 27, 1953	9.25	AUG. 10, 1967	6.37
MAY 14	9.01	NOV. 9	7.93	OCT. 12, 1954	8.81	MAR. 22, 1968	8.22
JUNE 7	5.30	DEC. 2	8.09	OCT. 19, 1955	9.45	AUG. 12	6.34
JUNE 15	6.36	JAN. 5, 1950	8.46	OCT. 15, 1956	9.12	MAR. 21, 1969	8.38
JULY 1	6.90	FEB. 4	8.88	OCT. 22, 1957	7.93	AUG. 12	6.32
JULY 29	7.35	MAR. 2	8.99	OCT. 8, 1958	8.13	MAR. 5, 1970	9.08
AUG. 31	7.64	APR. 4	9.03	OCT. 20, 1959	10.37	AUG. 13	6.58
OCT. 5	8.16	MAY 4	9.15	APR. 5, 1960	9.96	MAR. 9, 1971	9.38
NOV. 2	8.06	JUNE 2	7.58	OCT. 4	9.45	SEP. 2	7.28
DEC. 1	8.72	JULY 7	4.25	MAR. 28, 1961	10.55	MAR. 2, 1972	9.37
JAN. 5, 1949	9.19	JULY 28	5.86	OCT. 18	8.77	AUG. 1	7.29
FEB. 1	9.49	SEP. 7	7.68	MAY 1, 1962	9.51	OCT. 18	8.20
MAR. 3	9.72	NOV. 8	6.36	OCT. 9	7.55	JAN. 24, 1973	8.44
APR. 6	9.77	DEC. 4	6.80	APR. 16, 1963	9.74	MAR. 8	9.74
MAY 3	10.01	JAN. 3, 1951	8.29	NOV. 14	7.46	JUNE 14	7.70
JUNE 1	5.91	FEB. 5	8.76	OCT. 6, 1964	7.04	AUG. 31	7.30
JUNE 16	5.75	MAR. 6	8.92	MAR. 4, 1965	8.43	SEP. 19	7.67
JULY 1	5.92	OCT. 9	7.66	MAR. 16, 1966	8.33	MAR. 22, 1974	9.55
JULY 19	6.61	FEB. 7, 1952	9.12	AUG. 12	6.43	JUNE 19	8.07
AUG. 2	7.46	OCT. 28	7.99	MAR. 15, 1967	8.89	AUG. 21	8.38
SEP. 1	7.41						

(D-4-21)22ABA-1. STATE APPLICATION 17945. J K CARROLL. DUG DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 4 IN. DEPTH 16 FT. MP WAS TOP OF CASING. 1.5 FT ABOVE LSD.
LSD 5388.08 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.10 BELOW LSD. JULY 28, 1950.
LOWEST WATER LEVEL 7.18 BELOW LSD. OCT. 5, 1948.
RECORDS AVAILABLE: 1948-50.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28, 1948	5.88	NOV. 6, 1948	6.13	JUNE 16, 1949	4.30	JAN. 5, 1950	4.67
MAY 14	5.50	DEC. 1	6.02	JULY 1	3.96	FEB. 4	5.32
JUNE 2	4.06	JAN. 5, 1949	6.84	JULY 19	4.17	MAR. 2	4.42
JUNE 15	4.38	FEB. 1	7.13	AUG. 2	4.82	APR. 4	4.12
JULY 1	4.43	MAR. 3	7.12	SEP. 1	5.91	MAY 4	4.05
JULY 29	6.14	APR. 5	4.85	OCT. 4	5.50	JUNE 1	4.02
AUG. 31	6.84	MAY 3	5.48	NOV. 9	4.19	JULY 5	4.05
OCT. 5	7.18	JUNE 1	4.02	DEC. 2	4.03	JULY 28	3.10

Table 5.--Water levels in observation wells--Continued

(D-4-21)22DDB-1. STATE CLAIM 9906. A T JOHNSON. DRILLED IRRIGATION WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 8 IN. DEPTH REPORTED 40 FT AND MEASURED 29 FT. MP WAS TOP OF CASING, 1.0 FT ABOVE LSD. AUTOMATIC RECORDER OPERATED JUNE 1948-JUNE 1950. WELL FOUND FILLED TO 11 FT IN OCTOBER 1955. NOTE J, WATER IN NEARBY DITCH OR FIELD.
LSD 5363.76 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.96 BELOW LSD, JUNE 3, 1949.
DRY, WATER LEVEL NOT MEASUREABLE, OCT. 19, 1955, OCT. 15, 1956.
RECORDS AVAILABLE: 1948-56.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 29, 1948	6.78	NOV. 21, 1948	9.48	JUNE 20, 1949	6.65	JAN. 22, 1950	8.80
MAY 14	8.24	DEC. 1	7.82	JUNE 26	6.90	JAN. 26	8.90
JUNE 1	5.63J	DEC. 4	8.03	JUNE 27	5.59	JAN. 31	8.97
JUNE 4	5.94	DEC. 5	8.38	JUNE 28	4.55	FEB. 4	9.02
JUNE 6	6.24	DEC. 10	8.55	JULY 2	6.43	FEB. 7	9.04
JUNE 10	5.53	DEC. 15	8.78	JULY 4	6.24	FEB. 11	9.02
JUNE 12	5.98	DEC. 21	9.24	JULY 5	3.70	FEB. 15	9.04
JUNE 15	5.74	DEC. 26	9.41	JULY 10	3.29	FEB. 20	9.11
JUNE 22	5.34	JAN. 5, 1949	9.63	JULY 13	4.68	FEB. 28	8.90
JUNE 28	6.55	FEB. 1	9.70	JULY 16	2.42	MAR. 1	8.82
JULY 1	6.70	MAR. 3	9.45	JULY 19	5.14J	MAR. 5	7.80
JULY 4	7.12	MAR. 6	9.43	JULY 25	6.73	MAR. 9	6.10
JULY 11	7.27	MAR. 10	9.20	JULY 29	7.10	MAR. 15	6.66
JULY 12	6.85	MAR. 15	8.25	AUG. 2	7.53J	MAR. 20	7.16
JULY 20	8.51	MAR. 21	7.69	AUG. 5	7.76	MAR. 23	7.32
JULY 22	8.26	MAR. 26	7.90	AUG. 9	7.78	MAR. 25	7.21
JULY 25	8.78	MAR. 31	8.05	AUG. 10	7.30	APR. 1	7.63
JULY 27	6.76	APR. 5	8.33	AUG. 11	6.85	APR. 4	7.83
JULY 29	6.94	APR. 6	6.15J	AUG. 16	8.17	APR. 9	6.46
AUG. 1	6.53	APR. 7	6.07	AUG. 17	7.40	APR. 11	6.69
AUG. 5	7.78	APR. 12	7.80	AUG. 22	8.60	MAY 5	7.93
AUG. 10	8.28	APR. 16	8.00	AUG. 23	8.22	MAY 11	8.26
AUG. 15	8.58	APR. 21	8.39	AUG. 26	8.70	MAY 13	8.00
AUG. 18	8.78	APR. 23	8.50	AUG. 28	8.19	MAY 16	7.94
AUG. 29	8.57	APR. 26	8.00	SEP. 2	9.13	MAY 20	5.45
AUG. 31	8.82	APR. 29	7.50	SEP. 3	8.56	JUNE 2	5.22
SEP. 5	9.17	MAY 3	6.18J	SEP. 10	9.23	JULY 7	5.79J
SEP. 12	9.38	MAY 5	5.50	SEP. 11	8.84	JULY 28	7.54
SEP. 16	9.69	MAY 13	6.86	SEP. 14	9.31	SEP. 7	8.96
SEP. 19	9.72	MAY 15	6.15	SEP. 17	9.02	NOV. 8	9.15
SEP. 21	9.69	MAY 16	5.11	SEP. 19	9.31	DEC. 4	8.52
SEP. 28	9.79	MAY 19	5.92	OCT. 4	6.70	JAN. 3, 1951	8.79
OCT. 5	9.48	MAY 23	5.25	OCT. 5	6.53	FEB. 5	9.52
OCT. 8	9.28	MAY 24	6.05	OCT. 10	7.93	MAR. 6	9.10
OCT. 18	9.06	MAY 26	6.44	NOV. 9	5.64J	OCT. 9	8.24
OCT. 22	9.01	MAY 29	5.56	DEC. 2	7.88	OCT. 28, 1952	7.86
OCT. 26	9.13	JUNE 1	2.34	DEC. 5	8.03	OCT. 27, 1953	9.36
NOV. 2	9.19	JUNE 3	1.96	DEC. 10	8.28	OCT. 12, 1954	10.30
NOV. 7	9.28	JUNE 5	3.55	DEC. 13	8.43	OCT. 19, 1955	F
NOV. 11	9.38	JUNE 10	5.23	JAN. 5, 1950	8.70	OCT. 15, 1956	F
NOV. 16	9.44	JUNE 15	6.19	JAN. 18	8.76		

Table 5.--Water levels in observation wells--Continued

(D-4-21)23DBB-2. STATE APPLICATION 16752. E C PREAS. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 4 IN. DEPTH 18 FT. CASED TO 18 FT. MP TOP OF CASING, 1.0 FT ABOVE LSD. WELL FOUND DESTROYED JULY 1973.
LSD 5319.10 FT ABOVE MSL.
HIGHEST WATER LEVEL 7.26 BELOW LSD, AUG. 2, 1956,
LOWEST WATER LEVEL 10.44 BELOW LSD, JAN. 16, 1953.
RECORDS AVAILABLE: 1948-68, 1970-73.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 30, 1948	8.63	SEP. 10, 1952	8.67	NOV. 1, 1954	9.74	MAR. 12, 1957	7.84
MAY 14	8.17	SEP. 23	8.61	NOV. 9	9.81	APR. 14	7.89
JUNE 7	7.48	SEP. 30	8.63	NOV. 18	9.86	APR. 24	7.89
JUNE 15	7.55	OCT. 28	8.60	NOV. 26	9.89	MAY 15	7.84
JULY 1	7.68	NOV. 6	9.79	DEC. 2	9.90	MAY 28	7.64
JULY 28	8.36	NOV. 12	9.99	DEC. 17	9.96	JUNE 26	7.54
JULY 29	8.43	NOV. 26	10.05	JAN. 7, 1955	9.99	JULY 19	7.73
AUG. 30	9.10	DEC. 3	10.07	JAN. 28	10.02	AUG. 6	7.69
OCT. 6	9.70	DEC. 15	10.09	FEB. 3	10.02	AUG. 21	7.79
NOV. 6	9.87	DEC. 22	10.04	FEB. 14	10.02	SEP. 24	7.99
DEC. 1	10.00	DEC. 31	10.08	FEB. 23	10.02	OCT. 7	8.04
JAN. 5, 1949	10.06	JAN. 7, 1953	10.19	FEB. 28	9.99	OCT. 22	8.91
FEB. 1	10.04	JAN. 16	10.44	MAR. 7	9.85	NOV. 13	8.09
MAR. 3	9.38	JAN. 30	10.34	MAR. 16	9.68	DEC. 2	8.19
APR. 6	9.15	FEB. 7	10.31	MAR. 31	9.63	JAN. 22, 1958	8.31
MAY 3	8.73	FEB. 16	10.28	APR. 6	9.62	MAR. 17	8.49
JUNE 1	8.07	FEB. 24	10.27	APR. 14	9.60	APR. 29	8.49
JUNE 16	8.00	MAR. 4	10.27	APR. 25	9.59	MAY 14	8.49
JULY 2	7.65	MAR. 9	10.27	MAY 4	9.38	JUNE 13	8.19
JULY 19	7.87	MAR. 16	10.26	MAY 13	9.33	JULY 19	8.09
AUG. 1	8.27	MAR. 21	10.24	MAY 17	9.23	AUG. 8	8.49
SEP. 1	9.05	APR. 1	10.21	MAY 24	9.07	SEP. 2	8.59
OCT. 4	9.60	APR. 6	10.17	JUNE 7	8.73	OCT. 8	9.64
NOV. 9	9.18	APR. 16	10.12	JUNE 10	8.42	NOV. 12	8.99
DEC. 2	9.69	APR. 24	10.11	JUNE 17	8.34	DEC. 18	9.04
JAN. 5, 1950	9.84	MAY 1	9.95	JUNE 22	8.29	FEB. 4, 1959	8.89
FEB. 4	9.85	MAY 8	9.80	JUNE 28	8.23	FEB. 18	8.89
MAR. 2	8.97	MAY 15	9.01	JULY 6	8.22	MAR. 13	8.54
APR. 4	8.92	MAY 25	9.08	JULY 13	8.38	MAY 18	8.4
MAY 4	8.59	JUNE 8	9.04	JULY 20	8.35	JUNE 29	8.1
JUNE 1	8.28	JUNE 22	8.31	AUG. 2	8.45	JULY 27	8.1
JULY 6	7.84	JULY 8	8.24	AUG. 11	8.50	OCT. 19	8.82
JULY 28	7.85	JULY 24	8.61	AUG. 18	8.56	OCT. 20	8.92
SEP. 6	8.75	AUG. 3	8.77	AUG. 29	8.66	OCT. 28	9.49
NOV. 8	9.77	AUG. 17	9.01	SEP. 19	8.81	DEC. 9	9.42
DEC. 4	9.91	SEP. 17	9.33	SEP. 30	8.89	FEB. 4, 1960	9.8
JAN. 3, 1951	10.05	SEP. 29	9.52	OCT. 17	9.02	APR. 5	8.85
FEB. 5	10.23	OCT. 6	9.65	OCT. 19	9.00	MAY 24	8.49
MAR. 6	9.99	OCT. 23	9.90	OCT. 26	9.09	JULY 29	8.48
AUG. 6	9.46	NOV. 19	10.27	NOV. 3	9.16	SEP. 28	9.73
AUG. 15	9.39	NOV. 25	10.30	NOV. 15	9.27	OCT. 4	9.80
SEP. 1	9.41	DEC. 7	10.33	NOV. 29	9.30	FEB. 10, 1961	9.00
SEP. 18	9.65	DEC. 19	10.34	DEC. 13	9.33	MAR. 28	8.77
OCT. 5	9.66	DEC. 22	10.36	DEC. 27	9.39	APR. 13	8.52
OCT. 13	9.85	JAN. 2, 1954	10.35	JAN. 5, 1956	9.34	SEP. 5	8.78
OCT. 31	9.66	JAN. 10	10.37	JAN. 14	9.34	OCT. 18	9.07
NOV. 27	9.80	JAN. 28	10.31	FEB. 11	9.33	MAY 1, 1962	9.08
DEC. 8	9.76	FEB. 6	10.35	FEB. 21	9.33	OCT. 9	9.11
DEC. 24	9.80	FEB. 12	10.28	MAR. 6	9.33	APR. 16, 1963	9.72
JAN. 7, 1952	10.11	FEB. 18	10.26	MAR. 20	8.99	APR. 15, 1964	9.39
JAN. 14	10.07	FEB. 26	10.25	MAR. 26	8.97	OCT. 16	8.60
JAN. 21	10.00	MAR. 5	10.21	APR. 6	8.92	MAR. 4, 1965	9.06
FEB. 4	9.88	MAR. 12	10.16	APR. 18	8.88	AUG. 17	9.45
FEB. 12	9.78	MAR. 19	10.13	APR. 30	8.74	MAR. 16, 1966	9.54
FEB. 20	9.83	MAR. 29	10.15	MAY 14	8.62	AUG. 12	8.03
FEB. 27	9.91	APR. 13	9.86	MAY 28	8.12	MAR. 15, 1967	8.76
MAR. 13	9.80	APR. 22	9.94	JUNE 14	7.88	AUG. 10	8.59
MAR. 24	9.57	MAY 4	9.68	JUNE 27	7.64	MAR. 22, 1968	8.27
APR. 3	9.31	JUNE 1	9.39	JULY 18	7.81	AUG. 12	7.87
APR. 14	8.93	JUNE 9	8.77	AUG. 2	7.26	MAR. 5, 1970	9.39
APR. 24	9.11	JUNE 11	8.72	AUG. 8	8.09	AUG. 13	7.53
MAY 14	8.99	JUNE 21	8.48	AUG. 21	8.29	MAR. 9, 1971	9.17
MAY 20	8.69	JUNE 30	8.48	SEP. 7	8.49	SEP. 2	7.84
JUNE 2	8.50	JULY 9	8.50	OCT. 3	8.69	MAR. 2, 1972	9.30
JUNE 13	8.37	JULY 26	8.65	OCT. 15	9.08	AUG. 1	8.10
JULY 11	8.34	AUG. 6	8.73	OCT. 19	8.79	OCT. 18	8.73
JULY 23	8.37	AUG. 12	8.83	NOV. 20	8.84	JAN. 24, 1973	9.94
JULY 29	8.40	AUG. 23	8.95	DEC. 26	8.74	MAR. 8	8.94
AUG. 5	8.43	SEP. 16	9.15	JAN. 14, 1957	8.59	APR. 12	8.61
AUG. 13	8.45	OCT. 6	9.41	JAN. 20	8.57	APR. 24	8.59
AUG. 23	8.50	OCT. 15	9.57	FEB. 13	8.54	JUNE 14	8.12

(D-4-21)24AAD-1. NO STATE CLAIM. W R HAZELBUSH. DUG DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 30 IN. DEPTH 16 FT. MP WAS TOP OF PLUG IN DISCHARGE PIPE. 0.5 FT ABOVE LSD. NOTE J. WATER IN NEARBY FIELDS.
LSD 5205 FT ABOVE MSL.
HIGHEST WATER LEVEL 4.12 BELOW LSD. OCT. 28. 1952.
LOWEST WATER LEVEL 14.17 BELOW LSD. MAR. 6. 1951.
RECORDS AVAILABLE: 1948-52.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JULY 2. 1948	6.41	JULY 2. 1949	8.16	APR. 4. 1950	11.51	NOV. 8. 1950	9.86
JULY 29	10.54	JULY 19	8.31	MAY 4	6.86	DEC. 4	11.50
AUG. 31	10.24	AUG. 2	9.37	JUNE 1	5.28	JAN. 3. 1951	12.86
OCT. 5	12.24	OCT. 4	9.15	JUNE 6	8.33	FEB. 5	13.92
MAY 3. 1949	9.40	NOV. 9	11.01	JUNE 28	8.30	MAR. 6	14.17
JUNE 1	6.73	MAR. 2. 1950	13.68	SEP. 7	11.38	OCT. 28. 1952	4.12J
JUNE 16	8.12						

(D-4-21)24DBB-1. STATE CLAIM 6931. PETER ERICKSON. DUG STOCK WATER-TABLE WELL IN ALLUVIUM. DIAM 48 IN. DEPTH 10 FT. MP WAS TOP OF WELL PLATFORM AT PUMP BASE. 0.5 FT ABOVE LSD. WELL FOUND FILLED IN 1946.
LSD 5260 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.66 BELOW LSD. NOV. 4. 1944.
LOWEST WATER LEVEL 8.32 BELOW LSD. AUG. 8. 1939.
RECORDS AVAILABLE: 1939-45.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 8. 1939	8.32	AUG. 2. 1942	4.66	AUG. 20. 1943	4.83	NOV. 4. 1944	3.66
SEP. 24. 1940	8.08	OCT. 9	5.70	OCT. 21	6.13	OCT. 20. 1945	5.29
OCT. 2. 1941	3.77						

(D-4-21)24DDD-1. STATE APPLICATION 18382. MERRILL GOODRICH. DRILLED UNUSED WELL IN GLACIAL OUTWASH. DIAM 6IN. DEPTH 25 FT. MP TOP OF 6-IN CASING. AT LSD. NOTE J. SMALL AMOUNT OF RAINWATER DRAINING INTO WELL.
LSD 5232.73 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.32 BELOW LSD. MAR. 2. 1950.
LOWEST WATER LEVEL 6.36 BELOW LSD. SEP. 1. 1949.
RECORDS AVAILABLE: 1948-52. 1954-59.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 2. 1948	3.42	OCT. 6. 1948	6.00	SEP. 1. 1949	6.36	NOV. 8. 1950	3.67
FEB. 17	3.66	NOV. 2	4.70	OCT. 4	5.46	DEC. 4	3.11
MAR. 3	2.15	DEC. 1	3.82	NOV. 9	2.64	JAN. 3. 1951	2.98
MAR. 23	1.34	JAN. 5. 1949	3.59	DEC. 2	2.68	FEB. 5	3.84
APR. 5	1.66	FEB. 1	3.73	JAN. 5. 1950	2.45	MAR. 6	2.15
APR. 14	2.10	MAR. 2	3.21	FEB. 4	2.44	OCT. 10	3.61
APR. 30	2.62	APR. 5	2.87	MAR. 2	1.32	OCT. 28. 1952	3.76
MAY 14	2.94	MAY 3	4.66A	APR. 4	2.87	OCT. 12. 1954	5.05
JUNE 2	2.80	MAY 31	3.33	MAY 4	1.88J	OCT. 19. 1955	6.12
JUNE 16	2.93	JUNE 16	2.79	JUNE 1	3.99	OCT. 15. 1956	6.01
JULY 2	2.81	JUNE 30	3.73	JULY 6	3.75	OCT. 22. 1957	2.32
JULY 29	4.92	JULY 19	4.36	JULY 28	3.98	OCT. 8. 1958	5.22
AUG. 30	5.77	AUG. 1	5.68	SEP. 6	5.46	OCT. 20. 1959	4.56

(D-4-21)25BBA-1. NO STATE CLAIM. AUBRA HODGKINSON. DUG UNUSED WELL IN ALLUVIUM. DIAM 36 IN. DEPTH 8 FT. MP WAS TOP OF NE CORNER OF WOODEN SIDE. 0.7 FT ABOVE LSD.
LSD 5274.59 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.93 BELOW LSD. JUNE 7. 1948.
LOWEST WATER LEVEL 5.68 BELOW LSD. OCT. 4. 1960.
RECORDS AVAILABLE: 1948-65.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 3. 1948	2.51	JUNE 1. 1949	2.30	JULY 28. 1950	3.47	OCT. 22. 1957	3.04
MAR. 23	1.94	JUNE 6	2.65	SEP. 6	4.29	OCT. 8. 1958	3.87
APR. 14	2.26	JUNE 30	3.28	NOV. 8	3.10	OCT. 20. 1959	3.81
APR. 30	2.48	JULY 19	3.24	DEC. 4	3.43	APR. 5. 1960	3.81
MAY 14	2.02	AUG. 1	3.95	JAN. 3. 1951	3.45	OCT. 4	5.68
JUNE 7	1.93	SEP. 1	4.13	FEB. 5	3.78	MAR. 28. 1961	2.47
JULY 2	3.17	OCT. 4	4.31	MAR. 6	3.11	OCT. 18	2.57
JULY 29	4.16	NOV. 9	3.19	OCT. 10	3.22	MAY 1. 1962	2.44
AUG. 31	3.50	DEC. 2	3.11	FEB. 6. 1952	3.05	OCT. 9	3.03
OCT. 6	4.47	FEB. 7. 1950	3.34	OCT. 28	3.73	APR. 16. 1963	2.59
DEC. 1	3.15	MAR. 2	2.13	OCT. 27. 1953	3.53	NOV. 14	4.05
FEB. 2. 1949	3.22	APR. 4	3.10	OCT. 12. 1954	3.82	APR. 15. 1964	2.77
MAR. 3	3.66	MAY 4	3.27	OCT. 19. 1955	4.39	OCT. 6	2.99
APR. 6	3.23	JUNE 1	2.20	OCT. 15. 1956	4.87	MAR. 4. 1965	2.21
MAY 3	3.11	JULY 6	2.85				

Table 5.--Water levels in observation wells--Continued

(D-4-21)25DAA-1. NO STATE CLAIM. G S KNIGHT. DUG STOCK WATER-TABLE WELL IN ALLUVIUM. DIAM 48 IN, MEASURED DEPTH 8 FT. MP TOP OF PUMP BASE, 3.0 FT ABOVE LSD.
LSD 5218.56 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.80 BELOW LSD, JULY 28, 1950,
DRY, WATER LEVEL NOT MEASUREABLE, FEB. 5, 1951, MAR. 6, 1951, OCT. 27, 1953, OCT. 19, 1955, OCT. 15, 1956.
RECORDS AVAILABLE: 1948-53, 1955-56.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 2, 1948	5.29	OCT. 5, 1948	5.02	SEP. 1, 1949	3.69	SEP. 6, 1950	3.32
FEB. 17	5.47	NOV. 2	4.13	OCT. 4	3.78	NOV. 8	2.84
MAR. 3	4.73	DEC. 1	3.76	NOV. 9	3.45	DEC. 4	3.55
MAR. 23	4.56	JAN. 5, 1949	4.86	DEC. 2	3.77	JAN. 3, 1951	5.17
APR. 5	4.39	FEB. 1	5.23	JAN. 5, 1950	4.52	FEB. 5	F
APR. 14	4.70	MAR. 2	4.89	FEB. 4	5.20	MAR. 6	F
APR. 30	3.68	APR. 6	4.00	MAR. 2	4.52	OCT. 10	2.52
MAY 14	3.68	MAY 3	3.65	APR. 4	4.59	FEB. 7, 1952	3.32
JUNE 2	2.18	MAY 31	2.34	MAY 4	3.67	OCT. 28	2.65
JUNE 16	2.78	JUNE 16	2.87	JUNE 1	1.94	OCT. 27, 1953	F
JULY 29	5.10	JUNE 30	2.91	JULY 6	1.98	OCT. 19, 1955	F
AUG. 31	4.48	AUG. 1	3.34	JULY 28	1.80	OCT. 15, 1956	F

(D-4-21)27ABA-1. STATE APPLICATION 16799. E J WESTWOOD. DRILLED UNUSED WELL IN GLACIAL OUTWASH. DIAM 4 IN, DEPTH 16 FT. MP TOP OF CASING, 5.0 FT ABOVE LSD.
LSD 5370.48 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.64 BELOW LSD, JULY 28, 1950,
LOWEST WATER LEVEL 6.47 BELOW LSD, OCT. 22, 1957.
RECORDS AVAILABLE: 1948-61.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28, 1948	5.25	APR. 4, 1949	5.58	MAR. 2, 1950	5.27	FEB. 6, 1952	5.73
MAY 14	4.98	MAY 3	4.13	APR. 4	5.28	OCT. 28	5.54
JUNE 7	4.76	JUNE 1	3.92	MAY 4	5.59	OCT. 27, 1953	5.97
JUNE 15	4.37	JUNE 16	4.87	JUNE 2	4.17	OCT. 12, 1954	6.09
JULY 1	5.27	JULY 1	4.86	JULY 7	4.04	OCT. 19, 1955	6.33
JULY 29	4.67	JULY 19	4.97	JULY 28	3.64	OCT. 15, 1956	6.05
AUG. 31	6.18	AUG. 2	5.30	SEP. 7	4.28	OCT. 22, 1957	6.47
OCT. 5	6.03	SEP. 1	5.77	NOV. 8	5.42	OCT. 8, 1958	5.78
NOV. 2	5.79	OCT. 4	5.54	DEC. 4	5.05	OCT. 20, 1959	5.51
DEC. 1	5.92	NOV. 9	5.42	JAN. 3, 1951	5.63	APR. 5, 1960	5.46
JAN. 5, 1949	5.99	DEC. 2	5.37	FEB. 5	6.07	OCT. 4	6.38
FEB. 1	6.01	JAN. 5, 1950	5.44	MAR. 6	5.86	MAR. 28, 1961	5.45
MAR. 3	5.86	FEB. 4	5.80	OCT. 9	5.33	OCT. 18	5.02

(D-4-21)27DAA-1. NO STATE CLAIM. JOHN WATKINS. DUG STOCK WELL IN GLACIAL OUTWASH. DIAM 36 IN, DEPTH 14.5 FT. MP WAS TOP OF WELL CURB AT NORTH SIDE, 1.0 FT ABOVE LSD.
LSD 5354.10 FT ABOVE MSL.
HIGHEST WATER LEVEL 4.12 BELOW LSD, JUNE 16, 1948,
LOWEST WATER LEVEL 10.97 BELOW LSD, MAR. 3, 1949.
RECORDS AVAILABLE: 1948-52.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 2, 1948	8.92	AUG. 31, 1948	9.15	JUNE 30, 1949	4.52	JUNE 1, 1950	4.82
FEB. 17	9.44	OCT. 5	9.84	AUG. 1	6.27	JULY 6	4.65
MAR. 3	9.08	NOV. 2	9.33	SEP. 1	7.86	JULY 28	5.18
MAR. 23	9.03	DEC. 1	9.92	OCT. 4	8.49	SEP. 6	7.88
APR. 5	7.91	JAN. 5, 1949	10.24	NOV. 9	7.65	NOV. 8	7.02
APR. 14	7.92	FEB. 2	10.55	DEC. 2	7.78	DEC. 4	7.62
APR. 30	7.39	MAR. 3	10.97	JAN. 5, 1950	8.51	JAN. 3, 1951	7.79
MAY 14	7.65	APR. 5	9.62	FEB. 4	8.72	FEB. 5	9.44
JUNE 7	4.70	MAY 3	8.84	MAR. 2	8.72	MAR. 6	8.73
JUNE 16	4.12	MAY 31	5.24	APR. 4	8.03	OCT. 10	7.47
JULY 3	5.40	JUNE 16	5.95	MAY 4	7.10	OCT. 28, 1952	5.38
JULY 29	7.69						

(D-4-21)28DAA-1. NO STATE CLAIM. DRA WELL AT GLINES SCHOOL (NOW RAZED). DRILLED UNUSED WELL IN GLACIAL OUTWASH AND ROCKS OF CRETACEOUS AGE. DIAM 6 IN, DEPTH 670 FT. MP WAS TOP OF 6-IN CASING, 1.0 FT ABOVE LSD. WELL DESTROYED AFTER 1942. NOTE J, WATER LEVEL MEASURED INSIDE OF OUTER CASING.
LSD 5450 FT ABOVE MSL.
HIGHEST WATER LEVEL 9.18 BELOW LSD, AUG. 2, 1942,
LOWEST WATER LEVEL 35.88 BELOW LSD, NOV. 8, 1935.
RECORDS AVAILABLE: 1935, 1937-42.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 8, 1935	35.88	OCT. 22, 1938	25.87	SEP. 24, 1940	28.56	AUG. 2, 1942	9.18J
JUNE 28, 1937	28.42	SEP. 8, 1939	27.41	OCT. 2, 1941	16.30J	OCT. 9	11.70J
OCT. 13	26.17						

(D-4-21)34DDD-1. STATE APPLICATION 17775. OWEN NELSON. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 4 IN. DEPTH 94 FT. PERFORATED 20-26 FT. MP TOP OF CASING. 1.0 FT ABOVE LSD. NOTE J. IRRIGATION CLOSE TO WELL.
LSD 5419.98 FT ABOVE MSL.
HIGHEST WATER LEVEL 8.65 BELOW LSD. MAY 31, 1949.
LOWEST WATER LEVEL 16.75 BELOW LSD. OCT. 12, 1954.
RECORDS AVAILABLE: 1948-52, 1954.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 2, 1948	13.17	AUG. 31, 1948	13.96	JULY 19, 1949	11.03	JULY 6, 1950	11.12
FEB. 17	14.08	OCT. 5	14.24	AUG. 1	12.46	JULY 28	10.78
MAR. 3	13.91	NOV. 2	14.07	SEP. 1	14.28	SEP. 6	13.43
MAR. 23	14.02	DEC. 1	12.94	OCT. 4	13.03	NOV. 8	13.28
APR. 5	13.78	JAN. 5, 1949	14.37	DEC. 2	11.02	DEC. 4	12.78
APR. 14	13.63	FEB. 2	14.61	JAN. 5, 1950	11.91	JAN. 3, 1951	11.73
APR. 30	12.90	MAR. 2	15.34	FEB. 4	12.59	FEB. 5	13.38
MAY 14	12.04	APR. 5	12.70	MAR. 2	12.48	MAR. 6	14.28
JUNE 7	8.88J	MAY 3	10.67	APR. 4	9.65	OCT. 10	11.15
JUNE 16	9.08	MAY 31	8.65	MAY 4	9.53	OCT. 28, 1952	11.70
JULY 3	10.17	JUNE 16	9.33	JUNE 1	9.06	OCT. 12, 1954	16.75
JULY 29	11.55	JUNE 30	9.52				

(D-4-21)36ACA-1. STATE APPLICATION 18168. D B WEEKS. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 4 IN. DEPTH 19 FT. MP TOP OF CASING. 0.2 FT ABOVE LSD. WELL FOUND FILLED WITH ROCKS IN MARCH 1972.
LSD 5235.81 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.86 BELOW LSD. MAR. 2, 1950. MAY 4, 1950.
LOWEST WATER LEVEL 8.50 BELOW LSD. MAR. 28, 1961.
RECORDS AVAILABLE: 1948-71.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 2, 1948	2.46	MAY 31, 1949	2.84	JAN. 3, 1951	5.95	APR. 16, 1963	5.47
FEB. 17	2.63	JUNE 16	2.08	FEB. 5	6.42	NOV. 14	6.01
MAR. 3	1.91	JUNE 30	2.07	MAR. 6	5.98	APR. 15, 1964	6.60
APR. 14	1.76	AUG. 1	3.67	OCT. 10	6.64	OCT. 6	6.97
APR. 30	1.28	SEP. 1	4.40	OCT. 28, 1952	5.73	MAR. 4, 1965	7.18
MAY 14	2.25	OCT. 4	4.03	OCT. 27, 1953	7.32	AUG. 17	3.37
JUNE 7	2.05	NOV. 9	1.64	OCT. 12, 1954	7.66	MAR. 16, 1966	2.00
JUNE 16	2.81	DEC. 2	1.60	OCT. 19, 1955	8.43	AUG. 15	5.55
JULY 15	4.27	JAN. 5, 1950	1.57	OCT. 15, 1956	7.76	MAR. 15, 1967	4.66
JULY 29	4.65	FEB. 4	1.77	OCT. 22, 1957	3.13	AUG. 10	5.43
AUG. 31	5.56	MAR. 2	0.86	OCT. 8, 1958	6.08	MAR. 22, 1968	3.82
OCT. 5	5.71	APR. 4	1.19	OCT. 20, 1959	6.22	AUG. 12	0.92
NOV. 2	5.82	MAY 4	0.86	APR. 5, 1960	6.41	MAR. 21, 1969	2.91
DEC. 1	4.97	JUNE 1	1.19	OCT. 4	8.38	AUG. 12	2.66
JAN. 5, 1949	5.25	JULY 6	2.20	MAR. 28, 1961	8.50	MAR. 5, 1970	3.18
FEB. 1	5.52	JULY 28	3.04	OCT. 18	4.87	AUG. 13	3.19
MAR. 3	5.90	SEP. 6	4.72	MAY 1, 1962	3.21	MAR. 9, 1971	4.81
APR. 6	4.11	NOV. 8	4.21	OCT. 9	5.10	SEP. 2	3.53
MAY 3	5.61	DEC. 4	4.15				

(D-4-22)31BCC-1. NO STATE CLAIM. MABLE MERRILL. DRIVEN STOCK WELL IN ALLUVIUM. DIAM 4 IN. DEPTH 8 FT. MP WAS TOP OF CASING. 3.0 ABOVE LSD.
LSD 5226.10 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.87 BELOW LSD. JULY 19, 1949.
DRY. WATER LEVEL NOT MEASUREABLE. FEB. 1, 1949. MAR. 2, 1949. OCT. 15, 1956.
RECORDS AVAILABLE: 1948-56.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28, 1948	5.08	FEB. 1, 1949	F	NOV. 9, 1949	3.15	NOV. 8, 1950	4.28
MAY 14	4.91	MAR. 2	F	DEC. 2	4.21	DEC. 4	5.01
JUNE 2	2.08	APR. 6	4.45	JAN. 5, 1950	5.09	JAN. 3, 1951	5.40
JUNE 16	3.18	MAY 3	4.20	FEB. 4	5.34	FEB. 5	6.15
JULY 2	3.25	MAY 31	2.92	MAR. 2	4.56	MAR. 6	5.76
JULY 29	4.63	JUNE 16	2.24	APR. 4	4.49	OCT. 10	3.18
AUG. 30	6.00	JUNE 30	2.35	MAY 4	4.57	OCT. 28, 1952	4.58
OCT. 5	5.96	JULY 19	1.87	JUNE 1	2.10	OCT. 27, 1953	6.08
NOV. 2	6.09	AUG. 1	4.27	JULY 6	3.50	OCT. 12, 1954	5.94
DEC. 1	6.48	SEP. 1	4.55	JULY 28	3.01	OCT. 19, 1955	7.50
JAN. 5, 1949	6.76	OCT. 14	4.98	SEP. 6	3.96	OCT. 15, 1956	F

(D-4-22)32DCD-1. NO STATE CLAIM. G L REYNOLDS. DRILLED UNUSED WATER-TABLE SEISMIC EXPLORATION HOLE IN GLACIAL OUTWASH. DIAM 6 IN, DEPTH 56 FT. MP TOP OF CASING, AT LSD.
LSD 5097.55 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.05 ABOVE LSD, AUG. 12, 1968, AUG. 12, 1969,
LOWEST WATER LEVEL 3.83 BELOW LSD, APR. 6, 1949.
RECORDS AVAILABLE: 1948-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28, 1948	3.37	OCT. 4, 1949	2.99	OCT. 12, 1954	1.77	MAR. 15, 1967	+0.02
MAY 14	3.55	NOV. 9	2.76	OCT. 19, 1955	2.35	AUG. 10	+0.02
JUNE 2	3.61	DEC. 2	3.10	OCT. 15, 1956	3.10	MAR. 22, 1968	0.02
JUNE 10	3.48	JAN. 5, 1950	2.72	OCT. 22, 1957	2.29	AUG. 12	+0.05
JULY 2	3.52	MAR. 2	2.84	OCT. 8, 1958	1.45	MAR. 21, 1969	0.00
JULY 28	3.22	APR. 4	2.90	OCT. 20, 1959	2.25	AUG. 12	+0.05
AUG. 30	3.78	MAY 4	2.28	APR. 5, 1960	2.70	MAR. 5, 1970	0.05
OCT. 5	3.04	JUNE 1	2.67	OCT. 4	2.60	AUG. 13	0.00
NOV. 2	3.34	JULY 6	2.56	MAR. 28, 1961	2.73	MAR. 9, 1971	0.10
DEC. 1	3.41	JULY 28	2.32	OCT. 18	2.66	SEP. 2	0.00
JAN. 5, 1949	3.74	SEP. 6	2.21	MAY 1, 1962	2.36	MAR. 2, 1972	0.02
FEB. 1	3.62	NOV. 8	2.95	APR. 16, 1963	2.81	AUG. 2	0.00
APR. 6	3.83	DEC. 4	2.04	NOV. 14	0.59	OCT. 18	0.01
MAY 3	3.58	JAN. 3, 1951	1.91	APR. 15, 1964	0.80	MAR. 8, 1973	0.08
MAY 31	3.48	FEB. 5	2.07	OCT. 7	0.52	JUNE 14	0.00
JUNE 16	3.34	MAR. 6	1.95	MAR. 4, 1965	0.42	AUG. 31	0.01
JUNE 30	3.56	OCT. 10	2.45	AUG. 15	0.02	MAR. 22, 1974	0.05
JULY 19	3.27	OCT. 28, 1952	1.53	MAR. 15, 1966	+0.02	JUNE 19	0.0
AUG. 1	3.37	OCT. 27, 1953	1.53	AUG. 15	0.02	AUG. 21	0.0
SEP. 1	3.35						

(D-5-21)1ADD-1. NO STATE CLAIM. OWNER UNKNOWN. DRILLED UNUSED WATER-TABLE SEISMIC EXPLORATION HOLE IN GLACIAL OUTWASH AND(?) SHALE. DIAM 3 IN, DEPTH 69 FT (APRIL 1948), 58 FT (DEC. 1948). MP WAS TOP OF 3-IN COUPLING. WELL DESTROYED IN APRIL 1949.
LSD 5262.49 FT ABOVE MSL.
HIGHEST WATER LEVEL 53.14 BELOW LSD, OCT. 5, 1948,
DRY, WATER LEVEL NOT MEASUREABLE, DEC. 1, 1948, JAN. 5, 1949, MAR. 2, 1949.
RECORDS AVAILABLE: 1948-49.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 30, 1948	53.30	JULY 2, 1948	53.47	OCT. 5, 1948	53.14	JAN. 5, 1949	F
MAY 14	53.47	JULY 29	53.63	NOV. 2	54.58	MAR. 2	F
JUNE 7	53.72	AUG. 31	53.41	DEC. 1	F	APR. 6	53.22
JUNE 16	53.54						

(D-5-21)2DCB-1. STATE APPLICATION 18686. LEONARD COOK. DRILLED UNUSED ARTESIAN WELL IN GLACIAL OUTWASH. DIAM 6 IN, DEPTH 50 FT, CASED TO 50 FT. MP TOP OF CASING, 0.50 FT ABOVE LSD.
LSD 5410.40 FT ABOVE MSL.
HIGHEST WATER LEVEL 4.66 BELOW LSD, JUNE 19, 1974,
LOWEST WATER LEVEL 14.08 BELOW LSD, MAR. 21, 1969.
RECORDS AVAILABLE: 1948-52, 1954-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 29, 1948	8.70	OCT. 4, 1949	9.77	OCT. 19, 1955	12.16	AUG. 10, 1967	6.72
MAY 14	5.79	NOV. 9	11.46	OCT. 15, 1956	11.84	MAR. 22, 1968	10.85
JUNE 7	4.74	DEC. 2	12.55	OCT. 22, 1957	10.25	AUG. 12	5.92
JUNE 16	7.06	JAN. 5, 1950	12.61	OCT. 8, 1958	11.55	MAR. 21, 1969	14.08
JULY 3	6.72	FEB. 4	12.75	OCT. 20, 1959	11.57	AUG. 12	5.02
JULY 30	8.28	MAR. 2	12.72	APR. 5, 1960	9.75	MAR. 5, 1970	12.01
AUG. 31	6.49	APR. 4	11.00	OCT. 4	12.92	AUG. 13	6.00
OCT. 5	6.62	MAY 4	8.53	MAR. 28, 1961	9.98	MAR. 9, 1971	13.03
NOV. 2	7.96	JULY 6	8.04	MAY 1, 1962	6.32	SEP. 2	6.96
DEC. 1	10.76	JULY 28	9.50	OCT. 9	10.27	MAR. 2, 1972	13.04
JAN. 5, 1949	11.90	SEP. 6	11.68	APR. 16, 1963	6.26	AUG. 2	5.41
FEB. 1	12.07	NOV. 8	13.02	NOV. 14	12.45	OCT. 18	9.12
MAR. 2	11.87	DEC. 4	12.85	APR. 15, 1964	13.87	JAN. 24, 1973	12.87
APR. 5	9.05	JAN. 3, 1951	13.22	OCT. 7	8.89	MAR. 8	13.22
MAY 3	5.57	FEB. 5	13.58	MAR. 4, 1965	8.22	JUNE 14	4.90
MAY 31	5.04	MAR. 6	10.63	AUG. 17	7.80	AUG. 31	7.05
JUNE 30	8.33	OCT. 10	11.05	MAR. 16, 1966	13.10	MAR. 22, 1974	12.33
JULY 19	8.10	FEB. 6, 1952	13.15	AUG. 15	9.27	JUNE 19	4.66
AUG. 1	8.54	OCT. 28	10.86	MAR. 15, 1967	12.84	AUG. 21	7.14
SEP. 1	9.47	OCT. 12, 1954	11.77				

(D-5-22)5CBC-1. NO STATE CLAIM. C H GOMM. DRILLED UNUSED WATER-TABLE SEISMIC EXPLORATION HOLE IN GLACIAL OUTWASH. DIAM 3 IN, MEASURED DEPTH 30 FT. MP WAS TOP OF CASING, 0.5 FT ABOVE LSD. WELL FOUND FILLED TO 12 FT IN MAY 1950.
LSD 5182.74 FT ABOVE MSL.
HIGHEST WATER LEVEL 18.30 BELOW LSD, JUNE 30, 1949,
DRY, WATER LEVEL NOT MEASUREABLE, JAN. 5, 1949, FEB. 1, 1949, MAY 3, 1949, APR. 4, 1950.
RECORDS AVAILABLE: 1948-50.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 30, 1948	27.53	OCT. 5, 1948	26.43	MAY 3, 1949	29F	OCT. 4, 1949	24.37
MAY 14	27.33	NOV. 2	27.39	MAY 31	24.74	NOV. 9	25.50
JUNE 2	25.72	DEC. 1	27.91	JUNE 16	20.33	DEC. 2	26.12
JUNE 16	24.18	JAN. 5, 1949	F	JUNE 30	18.30	JAN. 5, 1950	26.45
JULY 3	23.81	FEB. 1	F	JULY 19	20.03	FEB. 4	25.82
JULY 27	25.36	MAR. 2	28.77	AUG. 1	21.42	MAR. 2	25.94
AUG. 30	25.95	APR. 6	28.58	SEP. 1	22.52	APR. 4	F

Table 5.--Water levels in observation wells--Continued

(D-5-22)6ABB-1. NO STATE CLAIM. L D NIELSEN. DRILLED UNUSED WATER-TABLE SEISMIC EXPLORATION HOLE IN GLACIAL OUTWASH. DIAM 3 IN. DEPTH 65 FT. MP TOP OF CASING. 0.5 FT ABOVE LSD.
LSD 5213.97 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.20 ABOVE LSD. MAY 31. 1949.
LOWEST WATER LEVEL 5.63 BELOW LSD. OCT. 4. 1960.
RECORDS AVAILABLE: 1948-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28. 1948	2.28	NOV. 9. 1949	0.63	OCT. 12. 1954	3.35	AUG. 15. 1966	1.50
MAY 14	3.19	DEC. 2	1.79	OCT. 19. 1955	5.53	MAR. 15. 1967	1.40
JUNE 2	0.14	JAN. 5. 1950	2.08			AUG. 10	1.02
JUNE 16	1.43	FEB. 4	2.29	OCT. 15. 1956	4.91	MAR. 22. 1968	1.41
JULY 15	3.67	MAR. 2	1.47	OCT. 22. 1957	0.56	AUG. 12	0.34
JULY 29	2.82	APR. 4	1.32	OCT. 8. 1958	3.06	MAR. 21. 1969	1.52
AUG. 30	4.05	MAY 4	0.64	OCT. 20. 1959	3.26	AUG. 12	0.92
OCT. 5	3.48	JUNE 1	0.67	APR. 5. 1960	2.48	MAR. 5. 1970	1.49
NOV. 2	3.57	JULY 6	0.61	OCT. 4	5.63	AUG. 13	0.45
DEC. 1	3.66	JULY 28	0.64	MAR. 28. 1961	4.11	MAR. 9. 1971	2.22
APR. 6. 1949	2.40	SEP. 6	1.43	OCT. 18	1.15	SEP. 2	1.51
MAY 3	3.55	NOV. 8	1.00	MAY 1. 1962	1.48	MAR. 2. 1972	2.19
MAY 31	+0.20	DEC. 4	1.48	APR. 16. 1963	2.21	AUG. 2	1.12
JUNE 16	0.66	JAN. 3. 1951	1.96	NOV. 14	3.07	OCT. 18	0.82
JUNE 30	0.73	FEB. 5	3.29	APR. 15. 1964	3.15	MAR. 22. 1973	1.00
JULY 19	1.71	MAR. 6	3.02	OCT. 7	1.67	JUNE 14	1.61
AUG. 1	2.37	OCT. 10	0.39	MAR. 4. 1965	2.48	MAR. 22. 1974	1.70
SEP. 1	2.55	OCT. 28. 1952	0.46	AUG. 17	0.77	AUG. 21	1.41
OCT. 4	1.88	OCT. 27. 1953	3.31	MAR. 16. 1966	0.90		

(D-5-22)6BBA-1. NO STATE CLAIM. MERRILL GOODRICH. DRILLED UNUSED WATER-TABLE SEISMIC EXPLORATION HOLE IN ALLUVIUM. PLUGGED AT 6 FT. MEASUREMENTS MADE OUTSIDE OF CASING. MP WAS TOP OF 4-IN CASING. 5.0 FT ABOVE LSD. WELL DESTROYED IN FALL 1950.
LSD 5232.88 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.81 BELOW LSD. JUNE 2. 1948.
LOWEST WATER LEVEL 8.62 BELOW LSD. FEB. 1. 1949.
RECORDS AVAILABLE: 1948-50.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 28. 1948	4.82	OCT. 5. 1948	7.11	JULY 19. 1949	2.32	MAR. 2. 1950	5.17
MAY 14	5.83	NOV. 2	7.44	AUG. 1	2.84	APR. 4	3.58
JUNE 2	0.81	DEC. 1	7.35	SEP. 1	3.46	MAY 4	3.52
JUNE 16	2.63	JAN. 5. 1949	7.74	OCT. 4	5.74	JUNE 1	0.82
JULY 15	4.32	FEB. 1	8.62	NOV. 9	3.23	JULY 6	1.80
JULY 29	2.85	APR. 6	5.56	DEC. 2	4.55	SEP. 6	3.99
AUG. 30	6.17	MAY 3	5.98				

(D-5-22)6BBA-2. NO STATE CLAIM FOUND. MERRILL GOODRICH. DRILLED UNUSED WELL IN GLACIAL OUTWASH. DIAM 3 IN. DEPTH 42 FT. MP WAS TOP OF CASING. AT LSD. WELL FOUND OBSTRUCTED IN OCTOBER 1952.
LSD 5240 FT ABOVE MSL.
HIGHEST WATER LEVEL 6.14 BELOW LSD. JUNE 16. 1949.
LOWEST WATER LEVEL 11.96 BELOW LSD. MAR. 6. 1951.
RECORDS AVAILABLE: 1949-51.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 3. 1949	10.40	OCT. 4. 1949	11.85	APR. 4. 1950	9.62	NOV. 8. 1950	8.96
JUNE 1	6.88	NOV. 9	8.49	MAY 4	9.37	DEC. 4	9.30
JUNE 16	6.14	DEC. 2	10.34	JUNE 1	6.16	JAN. 3. 1951	10.18
JUNE 30	7.53	JAN. 5. 1950	10.06	JULY 6	7.33	FEB. 5	11.21
JULY 19	7.11	FEB. 4	9.19	JULY 27	7.18	MAR. 6	11.96
AUG. 1	8.61	MAR. 2	10.13	SEP. 6	9.23	OCT. 10	8.69
SEP. 1	8.59						

(D-5-22)7DBB-1. STATE APPLICATION 16709. ELIJAH JACKSON. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 4 IN. DEPTH 22FT. MP WAS TOP OF CASING. 1.4 FT BELOW LSD. WELL WAS DRY AT 10 FT IN OCTOBER 1956. NOTE J, WATER IN NEARBY DITCH OR FIELD.
LSD 5259.80 FT ABOVE MSL.
HIGHEST WATER LEVEL 2.13 BELOW LSD. JUNE 1. 1950.
DRY. WATER LEVEL NOT MEASUREABLE. FEB. 5. 1951.
RECORDS AVAILABLE: 1948-52.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 2. 1948	11.08	JULY 3. 1948	4.71	MAY 31. 1949	3.33	JUNE 1. 1950	2.13
FEB. 17	11.47	JULY 29	7.53	JULY 19	6.12	JULY 6	6.01
MAR. 3	11.52	AUG. 31	9.10	AUG. 1	6.64	JULY 28	7.70
MAR. 23	11.25	OCT. 4	11.44	SEP. 1	9.37	SEP. 6	7.65
APR. 5	11.11	NOV. 2	11.53	OCT. 4	9.07	NOV. 8	10.73
APR. 14	11.01	DEC. 1	11.98	NOV. 9	8.22	DEC. 4	10.89
APR. 30	10.31	JAN. 5. 1949	12.25	DEC. 2	8.51	JAN. 3. 1951	11.75
MAY 14	9.13	FEB. 2	12.44	JAN. 4. 1950	9.44	FEB. 5	F
JUNE 7	2.88J	APR. 6	11.94	APR. 4	7.52	OCT. 10	8.55
JUNE 16	3.08	MAY 3	11.40	MAY 4	7.45	OCT. 28. 1952	8.98

U(B-1-1)2CAA-2. NO STATE CLAIM. RALPH REDFOOT. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 8 IN, DEPTH 50 FT, CASED TO 50 FT. MP WAS TOP OF CASING, AT LSD. NOTE J, HEAVY IRRIGATION NEARBY.
LSD 6390 FT ABOVE MSL.
HIGHEST WATER LEVEL 5.70 BELOW LSD, JUNE 29, 1937.
DRY, WATER LEVEL NOT MEASUREABLE, OCT. 18, 1955.
RECORDS AVAILABLE: 1936-52, 1954-55.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1936	23.65	SEP. 24, 1940	32.30	OCT. 19, 1945	23.11	NOV. 7, 1950	27.87
JUNE 29, 1937	5.70J	OCT. 1, 1941	10.64	OCT. 23, 1946	34.42	OCT. 9, 1951	32.43
OCT. 12	15.10	OCT. 8, 1942	17.92	OCT. 14, 1947	21.16	OCT. 28, 1952	25.80
OCT. 22, 1938	7.65	OCT. 20, 1943	24.02	OCT. 4, 1948	24.21	OCT. 11, 1954	24.18
SEP. 7, 1939	25.29	NOV. 4, 1944	25.34	APR. 4, 1949	28.54	OCT. 18, 1955	F

U(B-1-1)27ADA-1. STATE APPLICATION 39934. W H VAN TASSELL. DRILLED IRRIGATION ARTESIAN WELL IN GLACIAL OUTWASH, BELOW MOUTH OF UINTA RIVER CANYON. DIAM 12 IN, DEPTH 190 FT, CASED TO 190 FT, EFFECTIVE PERFORATIONS 89-170 FT. MP TOP OF 1.5-IN AIRLINE ACCESS PIPE IN CONCRETE FOUNDATION, 1.6 FT ABOVE LSD.
LSD 6065 FT ABOVE MSL.
HIGHEST WATER LEVEL 12.70 BELOW LSD, SEP. 29, 1973.
LOWEST WATER LEVEL 36.54 BELOW LSD, JUNE 18, 1974.
RECORDS AVAILABLE: 1973-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 29, 1973	12.70	OCT. 2, 1973	13.82B	MAR. 22, 1974	18.63	JUNE 19, 1974	36.54B

U(B-1-1)31DDB-1. NO STATE CLAIM FOUND. EDWIN RIGGS. DRIVEN(?) DOMESTIC ARTESIAN WELL IN SANDSTONE(?). DIAM 6 IN. REPORTED DEPTH 388 FT. MP TOP OF CASING, 0.5 FT ABOVE LSD.
LSD 6055 FT ABOVE MSL.
HIGHEST WATER LEVEL 2.15 BELOW LSD, APR. 30, 1962.
LOWEST WATER LEVEL 10.10 BELOW LSD, MAR. 5, 1970.
RECORDS AVAILABLE: 1936-44, 1946-47, 1949-52, 1954-56,1958-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1936	6.38	OCT. 3, 1949	5.28	APR. 30, 1962	2.15	AUG. 12, 1969	6.52
JUNE 29, 1937	4.83	NOV. 7, 1950	7.12	OCT. 8	5.55	MAR. 5, 1970	10.10
OCT. 12	6.22	OCT. 9, 1951	6.45	NOV. 13, 1963	7.29	AUG. 14	7.74
OCT. 22, 1938	5.65	FEB. 7, 1952	7.75	APR. 14, 1964	8.27	MAR. 9, 1971	8.45
SEP. 7, 1939	6.35	OCT. 27	6.02	OCT. 6	6.40	SEP. 2	5.15
SEP. 24, 1940	7.23	OCT. 11, 1954	5.87	MAR. 3, 1965	8.24	MAR. 2, 1972	8.17
OCT. 1, 1941	6.10	OCT. 18, 1955	6.82	AUG. 18	3.60	AUG. 1	4.98
AUG. 2, 1942	5.40	OCT. 14, 1956	7.20	MAR. 15, 1966	8.78	OCT. 16	6.43
OCT. 8	6.22	OCT. 7, 1958	5.62	AUG. 12	6.12	JAN. 23, 1973	8.27
OCT. 20, 1943	5.78	OCT. 19, 1959	6.99	MAR. 14, 1967	7.76	MAR. 23	6.02
NOV. 4, 1944	5.92	APR. 4, 1960	6.33	AUG. 10	6.35	JUNE 13	4.08
OCT. 23, 1946	6.63	OCT. 3	6.53	MAR. 22, 1968	6.78	MAR. 22, 1974	8.12
OCT. 14, 1947	6.02	MAR. 27, 1961	9.85	AUG. 13	3.84	JUNE 18	4.28
APR. 6, 1949	6.22	OCT. 17	6.48	MAR. 20, 1969	8.96	AUG. 19	6.19

U(C-1-2)4ADD-1. STATE CLAIM 8162. D D BROWN. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FMN. DIAM 6 IN, DEPTH 400 FT. CASED TO 25 FT. OPEN HOLE 25-400 FT. MP TOP OF CASING, 1.0 FT ABOVE LSD.
LSD 5950 FT ABOVE MSL.
HIGHEST WATER LEVEL 11.40 BELOW LSD, SEP. 2, 1971.
LOWEST WATER LEVEL 20.37 BELOW LSD, AUG. 14, 1970.
RECORDS AVAILABLE: 1936-40, 1942-49, 1951-54, 1957-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30, 1936	16.25	OCT. 4, 1948	13.87	APR. 30, 1962	17.54	MAR. 20, 1969	18.18
JUNE 29, 1937	13.02	APR. 4, 1949	16.06	OCT. 8	14.31	AUG. 12	14.14
OCT. 12	16.23	OCT. 3	14.46	APR. 15, 1963	16.31	MAR. 5, 1970	18.08
OCT. 23, 1938	15.60	OCT. 9, 1951	15.68	NOV. 13	16.50	AUG. 14	20.37
SEP. 7, 1939	18.91A	OCT. 27, 1952	17.55	APR. 14, 1964	17.45	MAR. 9, 1971	18.15
SEP. 7	18.72B	OCT. 26, 1953	16.73	OCT. 7	14.21	SEP. 2	11.40
SEP. 24, 1940	14.80	OCT. 11, 1954	15.82	MAR. 3, 1965	17.50	MAR. 2, 1972	17.98B
OCT. 1	13.32	OCT. 21, 1957	16.74	AUG. 18	11.59	OCT. 18	15.25
AUG. 2, 1942	12.48	OCT. 7, 1958	13.22	MAR. 15, 1966	17.88	JAN. 23, 1973	18.16B
OCT. 20, 1943	14.09	OCT. 19, 1959	15.47	AUG. 12	11.50	MAR. 21	16.91
NOV. 4, 1944	15.56	APR. 4, 1960	17.95	MAR. 14, 1967	17.28	JUNE 13	11.63
OCT. 19, 1945	14.25	OCT. 3	15.69	AUG. 10	13.28	MAR. 21, 1974	18.67B
OCT. 23, 1946	16.51	MAR. 27, 1961	18.14	MAR. 22, 1968	16.31	AUG. 19	11.70
OCT. 14, 1947	13.35	OCT. 17	11.90	AUG. 13	13.22		

U(C-1-2)15BBC-1. STATE CLAIM 2152. B J YOUNG. DRIVEN(?) DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 1 IN, DEPTH 100 FT. MP TOP OF TEE 3 FT NW OF WELL, 1.3 FT ABOVE LSD.
LSD 5795 FT ABOVE MSL.
HIGHEST WATER LEVEL 14.7 ABOVE LSD, SEP. 2, 1971.
LOWEST WATER LEVEL 8.8 ABOVE LSD, APR. 30, 1962.
RECORDS AVAILABLE: 1935-55, 1957-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1935	+10.8	OCT. 4, 1948	+12.6	OCT. 17, 1961	+10.1	AUG. 13, 1968	+11.5
OCT. 30, 1936	+11.2	APR. 4, 1949	+14.3	APR. 30, 1962	+ 8.8	MAR. 20, 1969	+11.1
JUNE 29, 1937	+11.4	OCT. 3	+10.1	OCT. 8	+11.2	AUG. 12	+11.6
OCT. 12	+11.3	NOV. 7, 1950	+10.5	APR. 15, 1963	+10.0	MAR. 5, 1970	+ 9.9
OCT. 22, 1938	+11.4	OCT. 9, 1951	+11.1	NOV. 13	+11.0	AUG. 14	+12.5
SEP. 7, 1939	+14.4	OCT. 27, 1952	+11.1	APR. 14, 1964	+10.8	MAR. 9, 1971	+11.6
SEP. 24, 1940	+13.4	OCT. 26, 1953	+12.9	OCT. 6	+11.0	SEP. 2	+14.7
OCT. 1, 1941	+14.1	OCT. 11, 1954	+11.1	MAR. 3, 1965	+10.2	MAR. 2, 1972	+12.6
AUG. 2, 1942	+11.6	OCT. 18, 1955	+10.4	AUG. 18	+10.1	AUG. 1	+13.3
OCT. 8	+10.8	OCT. 21, 1957	+10.8	MAR. 15, 1966	+10.9	MAR. 21, 1973	+12.9
OCT. 20, 1943	+10.9	OCT. 7, 1958	+11.0	AUG. 12	+10.9	AUG. 31	+13.8
NOV. 4, 1944	+11.1	OCT. 19, 1959	+10.8	MAR. 14, 1967	+10.7	MAR. 21, 1974	+12.0
OCT. 19, 1945	+12.5	APR. 4, 1960	+10.7	AUG. 10	+11.2	JUNE 18	+12.7
OCT. 23, 1946	+11.7	OCT. 3	+11.1	MAR. 22, 1968	+11.6	AUG. 19	+11.40
OCT. 14, 1947	+13.0	MAR. 27, 1961	+10.0				

U(C-1-2)27AAA-1. STATE CLAIM 8169. STATE OF UTAH, MONTWELL DRA WELL. DRILLED UNUSED ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FMN. DIAM 5 IN, DEPTH 215 FT. MP TOP OF PLANK AT STANDPIPE, 3 FT BELOW LSD.
LSD 5590 FT ABOVE MSL.
HIGHEST WATER LEVEL 16.4 ABOVE LSD, NOV. 4, 1944.
LOWEST WATER LEVEL 8.5 ABOVE LSD, NOV. 9, 1935.
RECORDS AVAILABLE: 1935-49, 1951, 1954, 1957-60.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9, 1935	+ 8.5 B	SEP. 24, 1940	+13.4 B	OCT. 23, 1946	+12.0 B	OCT. 11, 1954	+13.2
OCT. 30, 1936	+ 9.45B	SEP. 30, 1941	+11.5 A	OCT. 14, 1947	+13.6	OCT. 21, 1957	+13.4
JUNE 29, 1937	+ 9.4 B	AUG. 2, 1942	+15.6 B	OCT. 4, 1948	+10.6 B	OCT. 7, 1958	+12.7
OCT. 12	+ 9.4 B	OCT. 20, 1943	+13.5 B	APR. 4, 1949	+ 9.5 A	OCT. 19, 1959	+11.1
OCT. 22, 1938	+12.8 B	NOV. 4, 1944	+16.4	OCT. 9, 1951	+12.3	APR. 4, 1960	+ 9.7
SEP. 7, 1939	+12.8 B	OCT. 19, 1945	+11.6				

U(C-1-3)28DCD-1. NO STATE CLAIM. D H ALLRED. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 5 IN, DEPTH 30 FT. MP TOP OF CASING, 1.3 FT ABOVE LSD.
LSD 6228 FT ABOVE MSL.
HIGHEST WATER LEVEL 4.38 BELOW LSD, AUG. 19, 1965.
LOWEST WATER LEVEL 9.52 BELOW LSD, SEP. 23, 1940.
RECORDS AVAILABLE: 1939-71.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 6, 1939	9.09	APR. 4, 1949	7.47	APR. 4, 1960	7.10	MAR. 15, 1966	6.29
SEP. 23, 1940	9.52	OCT. 3	6.64	OCT. 3	8.95	AUG. 12	5.34
SEP. 30, 1941	7.00	NOV. 7, 1950	6.40	MAR. 27, 1961	8.04	MAR. 14, 1967	5.72
AUG. 1, 1942	7.20	OCT. 8, 1951	6.65	OCT. 17	8.64	AUG. 10	5.17
OCT. 7	7.66	OCT. 27, 1952	5.33	APR. 30, 1962	7.09	MAR. 22, 1968	5.52
OCT. 19, 1943	5.89	OCT. 26, 1953	8.91	OCT. 8	5.32	AUG. 13	4.49
NOV. 3, 1944	6.87	OCT. 11, 1954	8.87	APR. 15, 1963	5.84	MAR. 20, 1969	7.19
OCT. 18, 1945	6.85	OCT. 18, 1955	7.94	NOV. 13	5.30	AUG. 12	4.92
OCT. 22, 1946	6.22	OCT. 14, 1956	8.43	APR. 14, 1964	7.38	MAR. 5, 1970	6.31
OCT. 13, 1947	4.57	OCT. 21, 1957	6.55	OCT. 5	6.88	AUG. 14	4.40
JUNE 30, 1948	5.21	OCT. 7, 1958	6.92	MAR. 3, 1965	6.07	MAR. 9, 1971	7.00
OCT. 4	8.02	OCT. 14, 1959	7.87	AUG. 19	4.38		

U(C-1-3)31CAA-5. NO STATE CLAIM. R A LISTER. DUG DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 54 IN, DEPTH 13 FT. MP TOP OF WELL COVER, 1.0 ABOVE LSD. WELL DESTROYED IN 1950.
LSD 6284 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.41 BELOW LSD, OCT. 19, 1943.
LOWEST WATER LEVEL 7.90 BELOW LSD, APR. 4, 1949.
RECORDS AVAILABLE: 1939-49.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 6, 1939	2.16	OCT. 7, 1942	2.66	OCT. 22, 1946	3.31	OCT. 4, 1948	5.11
SEP. 23, 1940	4.05	OCT. 19, 1943	1.41	OCT. 13, 1947	1.93	APR. 4, 1949	7.90
SEP. 30, 1941	2.90	NOV. 3, 1944	2.66	JUNE 30, 1948	2.03	OCT. 3	2.77
AUG. 1, 1942	1.50	OCT. 18, 1945	2.33				

U(C-1-4)14AAD-1. STATE APPLICATION 12748. U S FOREST SERVICE, ALTONAH. DUG DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 32 IN, DEPTH 17 FT. MP TOP OF CASING, AT LSD.
LSD 6660 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.98 BELOW LSD, OCT. 19, 1943.
LOWEST WATER LEVEL 5.28 BELOW LSD, APR. 30, 1962.
RECORDS AVAILABLE: 1939-51, 1953-56, 1958-59, 1961-64.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 6, 1939	2.73	OCT. 22, 1946	3.46	OCT. 8, 1951	2.90	MAR. 27, 1961	5.23
SEP. 23, 1940	3.84	OCT. 13, 1947	2.43	OCT. 26, 1953	2.52	OCT. 17	2.69
SEP. 30, 1941	3.37B	JUNE 30, 1948	2.90	OCT. 11, 1954	3.24	APR. 30, 1962	5.28
AUG. 1, 1942	2.08	OCT. 4	2.90	OCT. 18, 1955	3.35	OCT. 8	2.49
OCT. 7	2.94	APR. 4, 1949	4.37	OCT. 14, 1956	4.00B	APR. 15, 1963	4.61
OCT. 19, 1943	1.98	OCT. 3	2.82	OCT. 7, 1958	4.16	NOV. 13	2.63
NOV. 3, 1944	3.52	NOV. 7, 1950	2.89	OCT. 14, 1959	4.41	APR. 14, 1964	4.31
OCT. 18, 1945	2.78						

U(C-1-4)28DCC-1. STATE CLAIM 8170. STATE OF UTAH, BONETA DRA WELL. DRILLED DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 10 IN, DEPTH 61 FT. MP TOP OF CASING, 6 FT BELOW LSD. THIS WELL ORIGINALLY WAS DRILLED TO 600 FT, BUT WATER OF POOR QUALITY WAS FOUND. WELL WAS PLUGGED BACK (?) TO 61 FT AND CASING WAS SHOT AT 33 FT.
LSD 6458 FT ABOVE MSL.
HIGHEST WATER LEVEL 2.60 BELOW LSD, OCT. 21, 1957.
LOWEST WATER LEVEL 10.09 BELOW LSD, OCT. 4, 1948.
RECORDS AVAILABLE: 1939-55, 1957-63.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 5, 1939	8.44	OCT. 22, 1946	8.24	OCT. 27, 1952	7.15	APR. 4, 1960	4.80
SEP. 23, 1940	9.47	OCT. 13, 1947	9.48	OCT. 26, 1953	8.15	OCT. 3	9.48
SEP. 30, 1941	2.95	JUNE 30, 1948	4.74	OCT. 11, 1954	8.85	MAR. 27, 1961	8.30
AUG. 1, 1942	4.07	OCT. 4	10.09	OCT. 18, 1955	5.92	OCT. 17	7.62
OCT. 7	6.84	APR. 4, 1949	2.72	OCT. 21, 1957	2.60	APR. 30, 1962	3.75
OCT. 19, 1943	5.95	OCT. 3	5.44	OCT. 7, 1958	7.85	OCT. 8	8.53
NOV. 3, 1944	7.45	NOV. 7, 1950	6.03	OCT. 19, 1959	9.04	APR. 15, 1963	6.10
OCT. 18, 1945	4.93	OCT. 8, 1951	3.75				

U(C-1-5)13ABC-1. REPLACEMENT WELL UNDER STATE CLAIM 22374. S D RUST. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FMN. DIAM 6 IN, DEPTH 100 FT, CASED TO 100 FT, PERFORATED 70-100 FT. MP TOP OF CASING WEST OF PUMP PIT, 0.5 FT ABOVE LSD.
LSD 7100 FT ABOVE MSL.
HIGHEST WATER LEVEL 55.05 BELOW LSD, SEP. 7, 1973.
LOWEST WATER LEVEL 59.50 BELOW LSD, AUG. 19, 1974.
RECORDS AVAILABLE: 1973-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR. 20, 1973	58.10	MAR. 21, 1974	56.33	JUNE 18, 1974	57.32	AUG. 19, 1974	59.50
SEP. 7	55.05						

U(C-1-5)13ADA-2. STATE CLAIM 6006. BRIGHAM STEVENSON. DUG DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 48 IN, DEPTH 24.5 FT. MP WAS TOP OF PLATFORM, 0.5 FT ABOVE LSD. WELL DESTROYED IN 1946
LSD 6997 FT ABOVE MSL.
HIGHEST WATER LEVEL 4.34 BELOW LSD, OCT. 18, 1945.
LOWEST WATER LEVEL 14.22 BELOW LSD, OCT. 28, 1936.
RECORDS AVAILABLE: 1936-45.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1936	14.22	SEP. 6, 1939	6.87	AUG. 1, 1942	5.13	NOV. 3, 1944	6.30
JUNE 30, 1937	7.00	SEP. 23, 1940	11.88	OCT. 7	5.82	OCT. 18, 1945	4.34
OCT. 21, 1938	8.10	SEP. 30, 1941	5.28	OCT. 19, 1943	5.90		

U(C-1-5)13ADA-3. STATE CLAIM 8165. BRIGHAM STEVENSON. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 7 IN, DEPTH 367 FT, CASED TO 199 FT, OPEN HOLE 199-367 FT. MP TOP OF CONCRETE PIPE, 2.0 FT BELOW LSD.
LSD 7007 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.62 BELOW LSD, OCT. 18, 1945.
LOWEST WATER LEVEL 16.58 BELOW LSD, MAR. 27, 1961.
RECORDS AVAILABLE: 1936-71.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1936	13.16	JUNE 30, 1948	7.00	OCT. 19, 1959	10.75	AUG. 19, 1965	5.03
JUNE 30, 1937	8.5	APR. 4, 1949	13.27	APR. 4, 1960	15.34	MAR. 15, 1966	9.42
OCT. 20, 1938	9.38	OCT. 3	4.89	OCT. 3	12.27	AUG. 12	6.60
SEP. 5, 1939	9.59	NOV. 7, 1950	9.82	MAR. 27, 1961	16.58	MAR. 14, 1967	10.82
SEP. 23, 1940	12.44	OCT. 8, 1951	8.44	OCT. 17	14.07	AUG. 10	4.80
SEP. 30, 1941	6.80	OCT. 27, 1952	6.42	APR. 30, 1962	10.35	MAR. 22, 1968	9.36
AUG. 1, 1942	7.05	OCT. 26, 1953	13.28	OCT. 8	4.34	AUG. 13	5.10
OCT. 7	5.70	OCT. 11, 1954	9.65	APR. 15, 1963	10.32	MAR. 20, 1969	10.58
OCT. 19, 1943	7.12	OCT. 18, 1955	13.65	NOV. 13	10.32	AUG. 12	6.08
NOV. 3, 1944	7.47	OCT. 14, 1956	11.28	APR. 14, 1964	12.82	MAR. 5, 1970	11.24
OCT. 18, 1945	3.62	OCT. 21, 1957	5.90	OCT. 5	6.76	AUG. 14	7.03
OCT. 22, 1946	11.55	OCT. 7, 1958	8.85	MAR. 3, 1965	9.41	MAR. 9, 1971	11.01
OCT. 13, 1947	6.00						

U(C-1-8)10DDA-1. NO STATE CLAIM. ROSE FABRIZIO. DUG UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH ON EAST BANK OF DUCHESNE R. DIAM 48 IN. DEPTH 16 FT. MP TOP OF CONCRETE FLOOR OF PUMP PIT, 4 FT BELOW LSD. WATER LEVEL RESPONDS TO CHANGE IN RIVER STAGE AND NEARBY IRRIGATION LOSS, BUT LEVEL IS ALWAYS BELOW RIVER STAGE. DAILY NOON MEASUREMENTS FROM RECORDER EXCEPT, E, LEVEL ESTIMATED FROM INDISTINCT RECORDER TRACE.
LSD 6740 FT ABOVE MSL.
HIGHEST WATER LEVEL 11.37 BELOW LSD, JUNE 10, 1973.
LOWEST WATER LEVEL 17.8 BELOW LSD, MAY 15, 1974.
RECORDS AVAILABLE: 1972-74.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
						1972						
5	.....	.....	.....	13.70H	12.34	11.92	13.11	13.61	.....	13.54H	13.62	13.80
10	.....	.....	.....	13.54	12.50	12.22	12.81	13.72	.....	N	13.70	13.78
15	.....	.....	.....	13.51	12.44	12.60	13.16	13.47	N	N	13.77	13.77
20	.....	.....	.....	13.51	12.33	11.80	13.23	12.99	13.68	13.30	13.79	13.81
25	.....	.....	.....	12.61	12.42	12.74	13.46	N	13.61	13.38	13.80	13.82
EOM	.....	.....	.....	12.44	12.07	13.05	13.65	.....	13.59	13.52	13.80	13.84
						1973						
5	13.85	.....	.....	13.67	13.32	12.46	13.62	13.33	13.17	13.46	13.75	13.87
10	13.87	.....	.....	N	12.96	11.37	12.64	13.48	13.62	13.58	13.76	13.89
15	13.83	.....	.....	N	12.52	12.17	12.65	13.73	13.65	13.68	13.78	13.92
20	13.78E	.....	.....	13.53	12.08	13.02	13.28	N	13.32	13.62	13.80	13.94
25	.....	.....	.....	13.54	11.87	13.30	13.46	N	13.40	13.68	13.82	13.96
EOM	.....	.....	.....	13.24	12.13	13.45	13.60	13.15	13.67	13.74	13.85	13.94
						1974						
5	.....	13.94	13.91	13.83	N	12.15	12.98	13.73	.....	.....	.....	.....
10	.....	13.96	13.70	13.83	N	12.30	13.21	13.74	.....	.....	.....	.....
15	.....	13.92	13.74	13.84	17.8 F	11.90	13.47	13.81	.....	.....	.....	.....
20	.....	13.93	13.68	13.74	11.88	12.13	13.34	13.850	.....	.....	.....	.....
25	.....	13.95	13.80	13.51	12.13	12.76	13.38	.....	.....	.....	.....	.....
EOM	13.94H	13.92	13.80	12.60	11.83	13.12	13.38	.....	.....	.....	.....	.....

U(C-2-1)15DDC-1 (FORMERLY REPORTED AS 15DDA-1).STATE APPLICATION 12977. HAROLD TIMOTHY. DRILLED COMMERCIAL ARTESIAN WELL IN SANDSTONE. DIAM 5 IN. DEPTH 560 FT. CASED TO 560 FT. PERFORATED 540-560 FT. MP TOP OF CASING, 1.0 FT BELOW LSD.
LSD 5058 FT ABOVE MSL.
HIGHEST WATER LEVEL 73.3 ABOVE LSD, OCT. 21, 1943.
LOWEST WATER LEVEL 3.7 ABOVE LSD, AUG. 12, 1966.
RECORDS AVAILABLE: 1939, 1942-43, 1945, 1947-53, 1957-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 7, 1939	+50.6	OCT. 21, 1957	+13.3	MAR. 3, 1965	+17.0	AUG. 14, 1970	+13.7
AUG. 3, 1942	+39.8	OCT. 7, 1958	+14.5	AUG. 19	+ 8.8	MAR. 9, 1971	+16.5
OCT. 21, 1943	+73.3	OCT. 19, 1959	+10.8	MAR. 15, 1966	+14.0	SEP. 14	+ 9.8
OCT. 20, 1945	+61.1	APR. 4, 1960	+15.2	AUG. 12	+ 3.7	MAR. 2, 1972	+22.6
OCT. 13, 1947	+46.0	MAR. 27, 1961	+ 8.6	MAR. 14, 1967	+11.9	MAR. 14	+23.6
OCT. 4, 1948	+29.8	OCT. 17	+ 8.0	AUG. 10	+ 8.9	AUG. 2	+26.0
APR. 4, 1949	+33.5	APR. 30, 1962	+12.8	MAR. 22, 1968	+14.1	OCT. 18	+30.0
OCT. 3	+33.9	OCT. 8	+10.3	AUG. 13	+ 6.4	MAR. 21, 1973	+28.1
NOV. 7, 1950	+33.3	APR. 15, 1963	+14.2	MAR. 20, 1969	+16.0	APR. 18	+29.4
OCT. 9, 1951	+27.9	NOV. 13	+13.3	AUG. 12	+13.2	JUNE 13	+24.8
OCT. 23, 1952	+ 9.4	APR. 14, 1964	+15.6	MAR. 5, 1970	+16.6	MAR. 21, 1974	+23.6
OCT. 26, 1953	+ 5.0	OCT. 7	+ 6.0				

U(C-2-1)18CBB-1. STATE CLAIM 22314. A C BOWDEN. DRILLED UNUSED ARTESIAN WELL IN SANDSTONE. DIAM 1.5 IN. DEPTH 355. MP TOP OF CASING, 0.2 FT BELOW LSD.
LSD 5143 FT ABOVE MSL.
HIGHEST WATER LEVEL 24.05 ABOVE LSD, OCT. 29, 1936.
LOWEST WATER LEVEL 23.70 ABOVE LSD, JUNE 29, 1937.
RECORDS AVAILABLE: 1936, 1937.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 29, 1936	+24.05	JUNE 29, 1937	+23.70				

U(C-2-1)20DCD-1. STATE CLAIM 18188. H A STEVENS. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 1.5 IN. DEPTH 140 FT. MP TOP OF PLUG, AT LSD.
LSD 5064 FT ABOVE MSL.
HIGHEST WATER LEVEL 19.30 ABOVE LSD, SEP. 1, 1939.
LOWEST WATER LEVEL 17.00 ABOVE LSD, OCT. 19, 1945.
RECORDS AVAILABLE: 1939, 1943, 1945.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 1, 1939	+19.3	OCT. 21, 1943	+18.5	OCT. 19, 1945	+17.0		

U(C-2-1)22BAB-1. STATE APPLICATION 12440. E H PETERSON. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 3 IN. DEPTH 532 FT. MP TOP OF CASING, 1.0 FT ABOVE LSD.
LSD 5087 FT ABOVE MSL.
HIGHEST WATER LEVEL 52.00 ABOVE LSD, OCT. 1, 1941.
LOWEST WATER LEVEL 7.70 ABOVE LSD, OCT. 3, 1949.
RECORDS AVAILABLE: 1937, 1939-43, 1945-49.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUNE 29, 1937	+40.85	OCT. 1, 1941	+52.	OCT. 23, 1946	+32.6	OCT. 4, 1948	+12.6
OCT. 13	+40.2	OCT. 8, 1942	+34.0	OCT. 14, 1947	+15.2	APR. 4, 1949	+12.9
SEP. 7, 1939	+28.2	OCT. 20, 1943	+31.7 B	JULY 3, 1948	+ 8.3	OCT. 3	+ 7.7 B
SEP. 23, 1940	+42.0	OCT. 20, 1945	+35.8				

U(C-2-1)22BCB-1. STATE CLAIM 958. STEPHEN WOGEC. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 6 IN. DEPTH 426 FT. MP TOP OF HOLE IN CASING , 1.4 FT BELOW LSD.
LSD 5194 FT ABOVE MSL.
HIGHEST WATER LEVEL 50.7 ABOVE LSD. OCT. 30, 1936.
LOWEST WATER LEVEL 19.28 BELOW LSD. OCT. 27, 1952.
RECORDS AVAILABLE: 1935-43, 1945-47, 1949-52.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 7, 1935	+34.3	SEP. 7, 1939	+23.9	OCT. 20, 1943	+29.5	OCT. 3, 1949	+8.6
OCT. 30, 1936	+50.7	SEP. 23, 1940	+37.0	OCT. 20, 1945	+36.7	NOV. 7, 1950	3.82
JUNE 29, 1937	+33.3	OCT. 1, 1941	+45.0	OCT. 23, 1946	+35.2	OCT. 9, 1951	4.19
OCT. 13	+27.7	AUG. 3, 1942	+26.0	OCT. 14, 1947	+18.2	OCT. 27, 1952	19.28
OCT. 21, 1938	+46.5	OCT. 8	+22.5	APR. 4, 1949	+14.3		

U(C-2-1)23AAA-1. STATE CLAIMS 8293, 8716, 8736. DRA WELL 614. ASSIGNED TO LDS CHURCH.BALLARD WARD. DRILLED (FORMERLY PUBLIC SUPPLY) ARTESIAN WELL IN BASAL SANDSTONE OF THE DUCHESNE RIVER FMN. DIAM 10 IN. DEPTH 234 FT. OPEN HOLE BELOW 10 FT. MP WAS TOP OF CASING. 0.5 FT ABOVE LSD. DRILLER REPORTED DEPTH TO WATER. 26 FT ON SEP. 8, 1934.
LSD 5041 FT ABOVE MSL.
HIGHEST WATER LEVEL 22.25 BELOW LSD. JUNE 29, 1937.
LOWEST WATER LEVEL 53.90 BELOW LSD. SEP. 8, 1939.
RECORDS AVAILABLE: 1935-39.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 7, 1935	30.03	OCT. 31, 1936	30.15	OCT. 13, 1937	28.7	SEP. 8, 1939	53.9 B
OCT. 30, 1936	32.548	JUNE 29, 1937	22.25	OCT. 23, 1938	23.15		

U(C-2-2)2CDC-1. STATE APPLICATION 30216. WELL #3. D L CAMPBELL. DRILLED FLOWING ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FMN. USED INTERMITTANTLY FOR STOCK AND WELL-DRILLING WATER SUPPLY. DIAM 10 IN. DEPTH 925 FT. CASED AND CEMENTED TO 50 FT. WITH OPEN HOLE BELOW 50 FT. MP TOP OF PLATE WELDED ON TOP OF CASTING. AT LSD.
LSD 5413 FT ABOVE MSL.
HIGHEST WATER LEVEL 64.8 ABOVE LSD. MAR. 23, 1974.
LOWEST WATER LEVEL 38.0 BELOW LSD. JUNE 18, 1974.
RECORDS AVAILABLE: 1974.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 31, 1974	+57.0 B	FEB. 11, 1974	+48.6 D	MAR. 23, 1974	+64.8	JUNE 18, 1974	38.0
FEB. 4	+55.0 D						

U(C-2-2)3CAD-1. STATE APPLICATION 41875. GULF OIL CORP. DRILLED UNUSED ARTESIAN WELL IN THE DUCHESNE RIVER FMN. DIAM 7 IN. DEPTH 300 FT. PERFORATED 160-300 FT. MP TOP OF STEEL PLATE ON 10-IN SURFACE CASTING. 2.0 FT ABOVE LSD. PRESSURE GAGE ATTACHED TO FAUCET AT SIDE OF CASING.
LSD 5503 FT ABOVE MSL.
HIGHEST WATER LEVEL 110.5 ABOVE LSD. FEB. 4, 1974. FEB. 5, 1974. FEB. 6, 1974. JUNE 26, 1974.
LOWEST WATER LEVEL 109.5 ABOVE LSD. FEB. 10, 1974.
RECORDS AVAILABLE: 1974.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 4, 1974	+110.5	FEB. 6, 1974	+110.5 C	FEB. 8, 1974	+110.0 C	FEB. 10, 1974	+109.5 D
FEB. 5	+110.5 C	FEB. 7	+110.0 C	FEB. 9	+110.0 D	JUNE 26	+110.5

U(C-2-2)12ACD-1. STATE APPLICATION 42584. GULF OIL CORP. DRILLED UNUSED FLOWING ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FORMATION. DRILLING-WATER SUPPLY FOR OIL WELL. DIAM 6 IN. DEPTH 700 FT. CASED TO 350 FT. CEMENTED TO 80 FT. WITH OPEN HOLE BELOW 350 FT. MP TOP OF PLATE WELDED ON TOP OF CASING. 1.1 FT ABOVE LSD.
LSD 5282 FT ABOVE MSL.
HIGHEST WATER LEVEL 119.1 ABOVE LSD. MAR. 23, 1974.
LOWEST WATER LEVEL 113.6 ABOVE LSD. FEB. 4, 1974. FEB. 10, 1974.
RECORDS AVAILABLE: 1974.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
FEB. 4, 1974	+113.6 B	FEB. 10, 1974	+113.6 B	MAR. 23, 1974	+119.1		

U(C-2-2)13CCC-1. STATE CLAIM 1861. DAVID FACKRELL. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 6 IN. DEPTH 121 FT. MP TOP OF ELBOW ON CASING. 2 FT ABOVE LSD. WELL CLEANED AND 4-IN CASING INSTALLED IN 1960.
LSD 5215 FT ABOVE MSL.
HIGHEST WATER LEVEL 4.14 ABOVE LSD. OCT. 1, 1941.
LOWEST WATER LEVEL 2.60 ABOVE LSD. NOV. 4, 1944.
RECORDS AVAILABLE: 1939-44.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 7, 1939	+3.68B	OCT. 1, 1941	+4.14B	OCT. 20, 1943	+3.55	NOV. 4, 1944	+2.60
SEP. 24, 1940	+3.00B	OCT. 8, 1942	+3.9				

U(C-2-2)13DDC-1. STATE APPLICATION 15324. HUGH GAGON. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 4.5 IN. DEPTH 75 FT. MP TOP OF CONCRETE PLUG OVER WELL. 1.3 FT ABOVE LSD.
LSD 5142 FT ABOVE MSL.
HIGHEST WATER LEVEL 7.4 ABOVE LSD. OCT. 23. 1943.
LOWEST WATER LEVEL 5.1 ABOVE LSD. OCT. 19. 1945.
RECORDS AVAILABLE: 1943-45.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 23, 1943	+7.4	NOV. 4, 1944	+6.1	OCT. 19, 1945	+5.1 B		

U(C-2-2)23BAC-1. STATE CLAIM 1658. CITY OF ROOSEVELT. DRILLED UNUSED (FORMERLY PUBLIC SUPPLY) ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FMN. DIAM 6 IN. DEPTH 304 FT. CASED TO 86 FT. OPEN HOLE 86-304 FT. MP WAS TOP OF 4.5-IN TEE AT PLUG. AT LSD. PART OF OLD HANCOCK COVE WELL FIELD. NO LONGER USED BY CITY.
LSD 5325 FT ABOVE MSL.
HIGHEST WATER LEVEL 12.35 ABOVE LSD. OCT. 12. 1937.
LOWEST WATER LEVEL 0.03 ABOVE LSD. OCT. 9. 1951.
RECORDS AVAILABLE: 1935-48. 1951.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 7. 1935	+11.0 B	OCT. 21. 1938	+12.0 B	OCT. 8. 1942	+11.8 B	OCT. 23. 1946	+9.9 B
OCT. 29. 1936	+11.9 B	SEP. 7. 1939	+11.55B	OCT. 20. 1943	+10.7 B	OCT. 14. 1947	+4.7 B
JUNE 29. 1937	+12.1 B	SEP. 24. 1940	+10.9 B	NOV. 4. 1944	+10.2 B	OCT. 4. 1948	+6.1 B
OCT. 12	+12.35B	OCT. 1. 1941	+11.5 B	OCT. 19. 1945	+10.2 B	OCT. 9. 1951	+0.03B

U(C-2-3)10DAD-1. NO STATE CLAIM. GEORGE VANGUNDY. DRILLED DOMESTC WATER-TABLE WELL. DIAM 5 IN. DEPTH 41 FT. MP TOP OF CASING. 1.2 FT ABOVE LSD. WELL DESTROYED IN 1944.
LSD 6010 FT ABOVE MSL.
HIGHEST WATER LEVEL 13.80 BELOW LSD. OCT. 19. 1943.
LOWEST WATER LEVEL 17.25 BELOW LSD. SEP. 23. 1940.
RECORDS AVAILABLE: 1939-43.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 6, 1939	15.96	SEP. 30, 1941	14.01	OCT. 7, 1942	13.94	OCT. 19, 1943	13.80
SEP. 23, 1940	17.25						

U(C-2-3)28DAA-1. STATE CLAIM 8164. STATE OF UTAH. UPALCO DRA WELL. DRILLED UNUSED ARTESIAN WELL IN THE UINTA FMN. DIAM 9 IN. DEPTH 200 FT. MP TOP OF CASING. 5.6 FT BELOW LSD. WELL DESTROYED IN 1945. NOTE J. WATER IN NEARBY DITCH.
LSD 5758 FT ABOVE MSL.
HIGHEST WATER LEVEL 2.57 BELOW LSD. OCT. 19. 1943.
LOWEST WATER LEVEL 9.91 BELOW LSD. NOV. 7. 1935.
RECORDS AVAILABLE: 1935-45.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 7. 1935	9.91	OCT. 21. 1938	4.92J	SEP. 30. 1941	4.5	OCT. 19. 1943	2.57
OCT. 29. 1936	4.97	SEP. 6. 1939	7.48	AUG. 1. 1942	3.61	NOV. 4. 1944	4.25
JUNE 29. 1937	4.60J	SEP. 23. 1940	7.70	OCT. 7	4.90	OCT. 19. 1945	3.62
OCT. 12	7.25J						

U(C-2-3)33CCD-1. STATE CLAIM 18365. L J GILBERT. DRILLED STOCK ARTESIAN WELL IN SANDSTONE (?) OF THE UINTA FMN. DIAM 2 IN. DEPTH (FROM CLAIM) 910 FT. CASED TO 200 FT. OPEN HOLE (?) BELOW 200 FT. MP IS TOP OF 2-IN ELL ON CASING. 1.5 FT ABOVE LSD.
LSD 5580 FT ABOVE MSL.
HIGHEST WATER LEVEL 6.4 ABOVE LSD. OCT. 1. 1941.
LOWEST WATER LEVEL 1.38 ABOVE LSD. AUG. 1. 1972.
RECORDS AVAILABLE: 1939-55. 1957-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 6. 1939	+6.35	OCT. 8. 1951	+2.88	NOV. 15. 1963	+2.60	AUG. 14. 1970	+2.07
SEP. 23. 1940	+6.00	OCT. 27. 1952	+3.48	APR. 14. 1964	+1.95	MAR. 9. 1971	+1.65
OCT. 1. 1941	+6.4	OCT. 26. 1953	+3.24	OCT. 5	+2.40	SEP. 2	+1.57
AUG. 1. 1942	+6.0	OCT. 11. 1954	+2.30	MAR. 3. 1965	+2.31	MAR. 14. 1972	+3.81
OCT. 7	+6.0	OCT. 18. 1955	+2.53	AUG. 19	+2.53	AUG. 1	+1.38
OCT. 21. 1943	+6.0	OCT. 21. 1957	+2.82	MAR. 15. 1966	+2.19	OCT. 15	+1.81
NOV. 3. 1944	+6.0	OCT. 7. 1958	+2.70	AUG. 12	+2.33	MAR. 21. 1973	+2.08
OCT. 18. 1945	+5.9	OCT. 14. 1959	+1.98	MAR. 14. 1967	+2.25	APR. 25	+2.11
OCT. 22. 1946	+4.2	APR. 4. 1960	+2.52	AUG. 10	+2.33	JUNE 13	+2.48
OCT. 13. 1947	+3.85	OCT. 3	+2.60	MAR. 22. 1968	+2.75	AUG. 15	+2.90
OCT. 4. 1948	+3.57	MAR. 27. 1961	+2.63	AUG. 13	+2.05	MAR. 21. 1974	+1.97
APR. 4. 1949	+3.68	APR. 30. 1962	+1.61	MAR. 20. 1969	+2.08	JUNE 13	+2.18
OCT. 3	+2.80	OCT. 8	+1.65	AUG. 12	+2.12	AUG. 19	+2.15
NOV. 7. 1950	+1.95	APR. 13. 1963	+2.72	MAR. 5. 1970	+2.01		

U(C-2-5)29BC-1. STATE CLAIM 8161. TALMAGE COMMUNITY DRA WELL. DRILLED UNUSED ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FMN. DIAM 8 IN, DEPTH 303 FT, CASED TO 245 FT, OPEN HOLE 245-303 FT. MP TOP OF CASING, 2.8 FT BELOW LSD, OR TOP CONCRETE CURB, 3.1 FT ABOVE LSD. NOTE J. WATER STANDING AROUND WELL.
LSD 6805 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.67 ABOVE LSD, NOV. 7, 1950.
LOWEST WATER LEVEL 16.49 BELOW LSD, NOV. 10, 1935.
RECORDS AVAILABLE: 1935-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 10, 1935	16.49	APR. 4, 1949	0.40	APR. 30, 1962	0.19	MAR. 5, 1970	0.00
OCT. 28, 1936	11.78	OCT. 3	1.79	OCT. 8	0.48	AUG. 14	3.40
JUNE 30, 1937	0.50	NOV. 7, 1950	+0.67	APR. 15, 1963	0.31	MAR. 9, 1971	+0.02
OCT. 21, 1938	0.20	OCT. 8, 1951	0.28	NOV. 13	0.75	AUG. 31	4.51
SEP. 5, 1939	7.04	OCT. 27, 1952	+0.40	APR. 14, 1964	0.15	MAR. 3, 1972	+0.05J
SEP. 23, 1940	8.77	OCT. 26, 1953	0.37	OCT. 5	1.30	AUG. 1	1.28
SEP. 30, 1941	0.20	OCT. 11, 1954	1.40	MAR. 3, 1965	2.00	OCT. 18	0.21
AUG. 1, 1942	0.20	OCT. 18, 1955	6.28	AUG. 19	0.51	JAN. 23, 1973	0.15
OCT. 7	0.70	OCT. 14, 1956	6.83	MAR. 15, 1966	+0.05	MAR. 20	0.02
OCT. 19, 1943	0.15	OCT. 21, 1957	0.28	AUG. 12	4.42	JUNE 13	0.68
NOV. 3, 1944	0.66	OCT. 7, 1958	5.56	MAR. 14, 1967	+0.05	AUG. 15	+0.04
OCT. 18, 1945	0.30	OCT. 19, 1959	2.21	AUG. 10	+0.02	SEP. 13	0.10
OCT. 22, 1946	2.75	APR. 4, 1960	0.23	MAR. 22, 1968	0.05	MAR. 27, 1974	0.02
OCT. 13, 1947	0.30	OCT. 3	6.53	AUG. 13	0.14	JUNE 18	0.73
JUNE 1, 1948	0.54	MAR. 27, 1961	6.94	MAR. 20, 1969	0.00	AUG. 19	5.03
OCT. 4	5.56	OCT. 17	7.67	AUG. 12	0.58		

U(C-3-3)8CDD-1. STATE CLAIM 19322. H T RICHINS. DRILLED DOMESTIC WELL IN THE UINTA FMN. DIAM 2 IN, DEPTH 240 FT. MP TOP OF ELBOW ON CASING, 1.7 FT ABOVE LSD.
LSD 5423 FT ABOVE MSL.
HIGHEST WATER LEVEL 21.5 ABOVE LSD, OCT. 4, 1948.
LOWEST WATER LEVEL 5.7 ABOVE LSD, OCT. 22, 1946.
RECORDS AVAILABLE: 1936-49.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 29, 1936	+12.65	SEP. 23, 1940	+13.2	OCT. 21, 1943	+13.7	OCT. 13, 1947	+21.2
JUNE 29, 1937	+13.1	OCT. 1, 1941	+15.4	NOV. 3, 1944	+ 9.7	OCT. 4, 1948	+21.5
OCT. 12	+12.8	AUG. 1, 1942	+15.3	OCT. 18, 1945	+12.2	APR. 4, 1949	+11.6
OCT. 21, 1938	+12.95	OCT. 7	+14.8	OCT. 22, 1946	+ 5.7 B	OCT. 3	+ 8.0
SEP. 6, 1939	+12.6						

U(C-3-3)17DAD-1. NO STATE CLAIM. FRANK HORRICKS. DRILLED UNUSED ARTESIAN WELL IN THE UINTA FMN. DIAM 6 IN, DEPTH 202 FT. MP TOP OF CASING, AT LSD. NOTE J, SURFACE WATER AT WELL SITE.
LSD 5371 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.1 ABOVE LSD, OCT. 12, 1937.
LOWEST WATER LEVEL 12.82 BELOW LSD, JUNE 29, 1937.
RECORDS AVAILABLE: 1936-41.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 29, 1936	12.00	OCT. 12, 1937	+0.1 J	SEP. 6, 1939	9.11	OCT. 1, 1941	8.07
JUNE 29, 1937	12.82	OCT. 21, 1938	11.70	SEP. 23, 1940	8.15		

U(C-3-4)7CAD-1. NO STATE CLAIM. KNIGHT INVESTMENT COMPANY. DRILLED UNUSED ARTESIAN WELL IN THE UINTA FMN. DIAM 6 IN, DEPTH 402 FT. MP TOP OF CASING, 2.4 FT ABOVE LSD.
LSD 5935 FT ABOVE MSL.
HIGHEST WATER LEVEL 92.16 BELOW LSD, AUG. 1, 1942.
LOWEST WATER LEVEL 125.00 BELOW LSD, OCT. 28, 1936.
RECORDS AVAILABLE: 1936, 1939-40, 1942-54, 1956-68, 1970.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1936	125.00	APR. 4, 1949	98.97	OCT. 7, 1958	101.18	APR. 14, 1964	96.98
SEP. 5, 1939	102.33	JUNE 2	98.64	OCT. 19, 1959	103.39	OCT. 5	94.61
SEP. 23, 1940	97.00	OCT. 3	98.98	APR. 4, 1960	100.11	MAR. 3, 1965	94.82
AUG. 1, 1942	92.16	MAY 3, 1950	99.46	OCT. 3	99.21	AUG. 19	95.51
OCT. 7	92.31	NOV. 7	100.42	MAR. 27, 1961	99.32	MAR. 15, 1966	96.29
AUG. 21, 1943	94.18	OCT. 8, 1951	101.34	OCT. 17	99.38	AUG. 12	96.73
NOV. 3, 1944	96.65	OCT. 27, 1952	101.95	APR. 30, 1962	99.60	MAR. 14, 1967	98.49
OCT. 18, 1945	96.64	OCT. 26, 1953	102.48	OCT. 8	98.74	AUG. 10	99.32
OCT. 22, 1946	99.65	OCT. 11, 1954	103.42	APR. 15, 1963	101.75	MAR. 22, 1968	97.56
OCT. 13, 1947	100.68	OCT. 14, 1956	105.08	NOV. 13	103.44	MAR. 5, 1970	96.60
OCT. 4, 1948	101.39	OCT. 21, 1957	105.60				

U(C-3-4)7CAD-2. NO STATE CLAIM. KNIGHT INVESTMENT COMPANY. DRILLED UNUSED ARTESIAN WELL IN THE UINTA FMN. DIAM 6 IN, DEPTH 209 FT. MP TOP OF CASING, 2.4 FT ABOVE LSD.
LSD 5934 FT ABOVE MSL.
HIGHEST WATER LEVEL 99.11 BELOW LSD, SEP. 5, 1939.
LOWEST WATER LEVEL 122.80 BELOW LSD, OCT. 28, 1938.
RECORDS AVAILABLE: 1938-40, 1942-44.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1938	122.80	SEP. 23, 1940	120.50	OCT. 7, 1942	117.90	NOV. 3, 1944	117.35
SEP. 5, 1939	99.11	AUG. 1, 1942	118.23	AUG. 21, 1943	118.22		

Table 5.--Water levels in observation wells--Continued

U(C-3-4)21AAA-1. NO STATE CLAIM. KNIGHT INVESTMENT COMPANY. DRILLED UNUSED ARTESIAN WELL IN THE UINTA FMN. DIAM 4.5 IN. DEPTH 261 FT. MP TOP OF CASING, 1.5 FT ABOVE LSD.
LSD 5923 FT ABOVE MSL.
HIGHEST WATER LEVEL 90.73 BELOW LSD, OCT. 28, 1936. LOWEST WATER LEVEL 153.57 BELOW LSD, OCT.13, 1963;WATER LEVEL NOT MEASURABLE, OCT. 21, 1957.
RECORDS AVAILABLE: 1936-68.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1936	90.73	OCT. 18, 1945	96.18	OCT. 11, 1954	122.96	APR. 15, 1963	144.94
JUNE 30, 1937	92.42	OCT. 22, 1946	97.38	OCT. 18, 1955	130.97	OCT. 13	153.57
OCT. 11	92.43	OCT. 13, 1947	101.75	OCT. 14, 1956	134.20	APR. 14, 1964	140.65
OCT. 21, 1938	93.45	JUNE 30, 1948	110.25	OCT. 21, 1957	--	OCT. 5	142.41
SEP. 5, 1939	95.72	OCT. 4	114.36	OCT. 7, 1958	145.02	MAR. 3, 1965	138.80
SEP. 23, 1940	97.48	APR. 4, 1949	112.10	OCT. 19, 1959	149.54	AUG. 19	140.84
SEP. 30, 1941	96.03	OCT. 3	118.41	APR. 4, 1960	148.50	MAR. 15, 1966	137.92
AUG. 1, 1942	94.67	MAY 3, 1950	117.31	OCT. 3	151.63	AUG. 12	141.13
OCT. 7	94.36	NOV. 7	121.72	MAR. 27, 1961	148.93	MAR. 14, 1967	142.32
AUG. 21, 1943	95.15	OCT. 8, 1951	128.21	OCT. 17	148.92	AUG. 10	138.98
OCT. 19	94.26	OCT. 27, 1952	128.06	APR. 30, 1962	151.52	MAR. 22, 1968	136.40
NOV. 3, 1944	94.88	OCT. 26, 1953	118.07	OCT. 9	150.19	AUG. 13	139.42

U(C-3-4)22BAB-1. NO STATE CLAIM. DUCHESNE COUNTY. DRILLED UNUSED WELL IN THE UINTA FMN. DIAM 2 IN. DEPTH 175 FT. MP TOP OF CASING, 2.0 FT ABOVE LSD.
LSD 5945 FT ABOVE MSL.
HIGHEST WATER LEVEL 143.10 BELOW LSD, OCT. 28, 1936.
LOWEST WATER LEVEL 167.18 BELOW LSD, MAR. 15, 1966.
RECORDS AVAILABLE: 1936-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1936	143.10	OCT. 4, 1948	159.61	OCT. 3, 1960	164.43	MAR. 22, 1968	165.91
JUNE 30, 1937	144.00	APR. 4, 1949	160.35	MAR. 27, 1961	164.56	AUG. 13	165.85
OCT. 11	144.03	OCT. 3	160.60	OCT. 17	164.70	AUG. 12, 1969	165.38
OCT. 20, 1938	145.30	MAY 3, 1950	161.02	APR. 30, 1962	165.16	MAR. 5, 1970	164.78
SEP. 5, 1939	147.07	NOV. 7	161.47	OCT. 8	164.89	AUG. 14	164.75
SEP. 23, 1940	149.51	OCT. 8, 1951	161.86	APR. 15, 1963	164.48	MAR. 9, 1971	164.75
SEP. 30, 1941	150.79	OCT. 27, 1952	162.40	NOV. 13	165.34	SEP. 14	163.73
AUG. 1, 1942	150.86	OCT. 26, 1953	162.34	APR. 14, 1964	165.44	MAR. 3, 1972	163.72
OCT. 7	151.18	OCT. 11, 1954	162.57	OCT. 5	165.60	AUG. 1	164.03
AUG. 21, 1943	152.55	OCT. 18, 1955	162.94	MAR. 3, 1965	164.83	OCT. 19	164.09
OCT. 19	152.44	OCT. 14, 1956	163.23	AUG. 19	165.30	MAR. 30, 1973	164.24
NOV. 3, 1944	154.52	OCT. 21, 1957	163.47	MAR. 15, 1966	167.18	JUNE 13	164.37
OCT. 18, 1945	155.95	OCT. 7, 1958	163.80	AUG. 12	165.95	MAR. 21, 1974	164.64
OCT. 22, 1946	157.35	OCT. 19, 1959	164.20	MAR. 14, 1967	165.75	JUNE 26	165.82
OCT. 13, 1947	158.71	APR. 4, 1960	164.34	AUG. 10	166.21	AUG. 19	165.89
JUNE 30, 1948	159.40						

U(C-3-5)36DCC-1. NO STATE CLAIM. J A CLEMENT. DUG DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 12 IN. DEPTH 16.5 FT. MP BOTTOM OF HOLE IN CASING, 1.2 FT ABOVE LSD. WELL COVERED WITH BUILDING IN 1940.
LSD 5536 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.74 BELOW LSD, JUNE 30, 1937.
LOWEST WATER LEVEL 6.19 BELOW LSD, OCT. 21, 1938.
RECORDS AVAILABLE: 1936-39.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 28, 1936	4.75	OCT. 11, 1937	4.06	OCT. 21, 1938	6.19	SEP. 5, 1939	6.14
JUNE 30, 1937	3.74						

Table 5.--Water levels in observation wells--Continued

U(C-4-2)5BBA-2. NO STATE CLAIM FOUND. LAMAR NIELSEN. DRILLED DOMESTIC WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 8 IN. DEPTH 40 FT. MP TOP OF CASING. 0.5 FT ABOVE LSD. PREVIOUSLY REPORTED DEPTH OF 1120 FT IS ERRONEOUS.
LSD 5185 FT ABOVE MSL.
HIGHEST WATER LEVEL 0.45 BELOW LSD, AUG. 1, 1963.
LOWEST WATER LEVEL 6.19 BELOW LSD, MAR. 3, 1972.
RECORDS AVAILABLE: 1935-40, 1942-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 6, 1935	5.5	MAY 20, 1946	3.70	JAN. 1, 1949	2.94	NOV. 1, 1951	2.12
OCT. 29, 1936	3.58	JUNE 5	3.18	JAN. 15	2.93	NOV. 15	2.18
JUNE 29, 1937	3.02	JUNE 20	2.82	FEB. 1	3.17	DEC. 1	2.17
OCT. 13	3.44	JULY 1	2.69	MAR. 1	3.25	DEC. 15	2.19
OCT. 21, 1938	4.10	JULY 15	2.18	MAR. 15	3.56	JAN. 1, 1952	2.14
SEP. 8, 1939	4.45	JULY 30	1.99	APR. 1	3.60	JAN. 15	2.15
SEP. 23, 1940	3.77	AUG. 15	2.24	APR. 15	3.62	FEB. 1	2.28
AUG. 1, 1942	2.55	SEP. 7	2.24	MAY 1	3.29	FEB. 15	2.45
OCT. 9	2.80	SEP. 20	2.32	MAY 15	2.88	MAR. 1	2.52
AUG. 19, 1943	2.59	OCT. 9	2.34	JUNE 1	2.34	MAR. 15	2.80
OCT. 21	2.32	OCT. 24	2.41	JUNE 15	2.09	APR. 1	2.92
NOV. 11	2.40	NOV. 1	2.49	JULY 1	2.09	APR. 15	2.90
DEC. 1	2.50	NOV. 15	2.54	JULY 15	2.08	MAY 1	2.88
DEC. 31	2.92	DEC. 1	2.55	AUG. 1	2.52	MAY 15	1.68
MAR. 10, 1944	4.14	DEC. 15	2.57	AUG. 15	2.39	JUNE 1	1.72
APR. 15	3.92	JAN. 1, 1947	2.67	SEP. 1	2.05	JUNE 15	1.82
MAY 1	4.08	JAN. 15	2.89	SEP. 15	2.10	JULY 1	1.81
MAY 15	4.37	FEB. 1	3.18	OCT. 1	2.08	JULY 15	1.84
JUNE 1	4.40	FEB. 15	3.65	OCT. 15	2.04	AUG. 1	1.76
JUNE 29	4.87	MAR. 1	3.85	NOV. 1	2.04	AUG. 15	1.80
JULY 15	3.77	MAR. 17	4.40	NOV. 15	1.89	SEP. 1	1.80
AUG. 15	2.99	APR. 1	4.19	DEC. 1	2.13	SEP. 15	1.70
SEP. 15	2.67	APR. 17	4.36	DEC. 15	2.20	OCT. 1	1.75
OCT. 22	2.84	MAY 1	4.77	FEB. 15, 1950	2.79	OCT. 15	1.50
NOV. 1	2.84	MAY 15	3.66	MAR. 1	2.95	NOV. 1	1.72
NOV. 6	2.83	JUNE 2	3.09	MAR. 15	3.08	NOV. 15	1.66
NOV. 25	2.93	JUNE 15	2.86	APR. 1	3.14	DEC. 1	1.64
DEC. 15	2.96	JULY 3	2.83	APR. 15	3.29	DEC. 15	1.67
JAN. 1, 1945	3.08	JULY 15	2.69	MAY 1	2.51	JAN. 1, 1953	1.81
JAN. 16	3.27	AUG. 1	2.20	MAY 15	3.22	JAN. 15	1.94
FEB. 2	3.49	AUG. 15	3.47	JUNE 1	2.59	FEB. 1	2.13
FEB. 15	3.69	SEP. 17	2.09	JULY 1	2.28	FEB. 15	2.28
MAR. 1	3.89	OCT. 1	2.42	JULY 15	1.91	MAR. 1	2.48
MAR. 15	4.07	OCT. 15	2.32	AUG. 1	2.10	MAR. 15	2.42
APR. 1	4.25	NOV. 1	2.16	AUG. 15	2.04	APR. 1	2.78
APR. 13	4.24	DEC. 1	1.99	SEP. 1	1.87	APR. 15	2.89
MAY 13	4.74	DEC. 15	1.98	SEP. 15	1.93	MAY 1	2.97
MAY 20	3.74	JAN. 3, 1948	2.14	OCT. 1	1.94	MAY 15	3.04
JUNE 1	3.37	JAN. 15	2.34	OCT. 15	1.94	JUNE 1	2.95
JUNE 15	2.72	FEB. 1	2.61	NOV. 1	1.90	JUNE 15	2.81
JULY 1	2.74	FEB. 15	2.82	NOV. 15	1.87	JULY 1	2.86
JULY 15	2.54	MAR. 1	3.03	JAN. 1, 1951	1.95	JULY 15	2.24
AUG. 13	2.27	MAR. 15	3.24	JAN. 15	1.93	AUG. 1	2.20
AUG. 29	2.34	APR. 3	3.30	FEB. 1	2.20	AUG. 15	2.16
SEP. 1	2.47	APR. 15	3.31	FEB. 15	2.41	SEP. 1	1.08
SEP. 15	2.82	MAY 1	3.40	MAR. 1	2.58	SEP. 15	2.03
OCT. 1	3.10	MAY 15	3.40	MAR. 15	2.79	OCT. 1	1.40
OCT. 18	3.06	JUNE 1	3.40	APR. 1	2.65	OCT. 15	1.52
NOV. 4	3.10	JUNE 15	2.79	APR. 15	3.03	NOV. 1	1.54
NOV. 15	3.12	JULY 1	3.33	MAY 1	3.04	NOV. 15	1.62
DEC. 1	3.12	JULY 15	1.80	MAY 15	2.93	DEC. 1	0.64
DEC. 15	3.13	AUG. 1	2.78	JUNE 1	1.98	DEC. 15	0.66
JAN. 1, 1946	3.38	AUG. 15	2.90	JUNE 15	1.76	JAN. 1, 1954	0.63
JAN. 15	3.53	SEP. 1	3.09	JULY 1	0.82	JAN. 15	0.89
FEB. 1	3.76	SEP. 15	3.17	JULY 15	1.71	FEB. 1	1.26
FEB. 15	4.00	OCT. 1	2.94	AUG. 1	1.66	FEB. 15	2.18
MAR. 1	4.29	OCT. 15	2.97	AUG. 15	1.70	MAR. 1	2.35
MAR. 15	4.47	NOV. 1	2.87	SEP. 1	1.80	MAR. 15	2.48
APR. 10	4.44	NOV. 15	2.81	SEP. 15	1.92	APR. 1	2.64
APR. 20	4.35	DEC. 1	2.77	OCT. 1	2.03	APR. 15	2.74
MAY 10	4.35	DEC. 15	2.79	OCT. 15	2.09	MAY 1	2.64

Table 5.--Water levels in observation wells--Continued

U(C-4-2)5BBA-2, CONTINUED

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 15, 1954	1.67	APR. 15, 1957	2.69	MAR. 15, 1960	1.71	MAR. 1, 1963	1.91
JUNE 1	2.14	MAY 1	2.78	APR. 1	1.91	MAR. 15	2.01
JUNE 15	2.16	MAY 15	2.81	APR. 15	1.98	APR. 1	2.06
JULY 1	2.15	JUNE 1	2.79	MAY 1	1.98	APR. 15	2.03
JULY 15	2.03	JUNE 15	2.67	MAY 15	1.83	MAY 1	1.46
AUG. 1	2.07	JULY 1	2.54	JUNE 1	1.83	MAY 15	1.06
AUG. 15	1.83	JULY 15	2.72	JUNE 15	1.82	JUNE 1	0.72
SEP. 1	2.07	AUG. 15	1.72	JULY 1	1.79	JUNE 15	0.63
SEP. 15	2.06	SEP. 1	1.74	JULY 15	1.71	JULY 1	0.72
OCT. 1	1.80	SEP. 15	1.54	AUG. 1	1.68	JULY 15	0.48
OCT. 15	1.79	OCT. 15	1.61	AUG. 15	1.63	AUG. 1	0.45
NOV. 1	1.81	NOV. 1	1.71	SEP. 1	1.61	AUG. 15	0.57
NOV. 15	1.82	NOV. 15	1.70	SEP. 15	1.64	SEP. 1	0.59
DEC. 1	1.88	DEC. 1	1.69	OCT. 1	1.71	SEP. 15	1.04
DEC. 15	1.93	DEC. 15	1.77	OCT. 15	1.70	OCT. 1	0.82
JAN. 1, 1955	2.08	JAN. 1, 1958	1.81	NOV. 1	1.72	OCT. 15	1.00
JAN. 15	2.09	JAN. 15	1.82	NOV. 15	1.72	NOV. 1	1.52
FEB. 1	2.09	FEB. 1	1.81	DEC. 1	1.72	NOV. 15	1.31
FEB. 15	2.46	FEB. 15	1.97	DEC. 15	1.76	DEC. 1	1.52
MAR. 15	2.81	MAR. 1	2.15	JAN. 1, 1961	1.82	DEC. 15	1.61
APR. 1	3.01	MAR. 15	2.12	JAN. 15	1.87	JAN. 1, 1964	1.81
APR. 15	3.11	APR. 1	2.22	FEB. 1	1.99	JAN. 15	1.89
MAY 1	3.16	APR. 15	2.46	FEB. 15	2.09	FEB. 1	2.18
MAY 15	3.21	MAY 1	2.61	MAR. 1	2.19	FEB. 15	2.25
JUNE 1	3.19	MAY 15	2.68	MAR. 15	2.29	MAR. 1	2.30
JUNE 15	3.30	JUNE 1	2.44	APR. 1	2.40	MAR. 15	2.51
JULY 1	2.90	JUNE 15	2.38	APR. 15	2.48	APR. 1	2.59
JULY 15	3.07	JULY 1	2.16	MAY 1	2.54	APR. 15	2.61
AUG. 1	2.70	JULY 15	1.74	MAY 15	2.49	MAY 1	2.52
AUG. 15	2.68	AUG. 1	1.61	JUNE 1	2.49	MAY 15	2.51
SEP. 1	2.64	AUG. 15	1.63	JUNE 15	2.49	JUNE 1	2.50
SEP. 15	2.72	SEP. 1	1.67	JULY 1	2.40	JUNE 15	2.53
OCT. 1	2.80	SEP. 15	1.71	AUG. 1	2.14	JULY 1	2.48
OCT. 15	2.75	OCT. 1	1.72	AUG. 15	2.16	JULY 15	2.11
NOV. 1	2.89	OCT. 15	1.77	SEP. 1	2.14	AUG. 1	2.06
NOV. 15	2.87	NOV. 1	1.81	SEP. 15	1.96	AUG. 15	1.91
DEC. 1	2.82	NOV. 15	1.81	OCT. 1	1.96	SEP. 1	1.88
DEC. 15	2.85	DEC. 1	1.86	OCT. 15	1.85	SEP. 15	1.81
JAN. 1, 1956	2.92	DEC. 15	1.91	NOV. 15	1.82	OCT. 1	1.91
JAN. 15	3.00	JAN. 1, 1959	1.83	DEC. 1	1.77	OCT. 15	1.99
FEB. 1	3.08	JAN. 15	1.92	DEC. 15	1.72	NOV. 1	2.03
FEB. 15	2.92	FEB. 1	2.04	JAN. 1, 1962	1.81	NOV. 15	1.81
MAR. 1	3.15	FEB. 15	2.03	JAN. 15	1.80	DEC. 1	2.55
MAR. 15	3.30	MAR. 1	2.14	FEB. 1	1.99	DEC. 15	2.51
APR. 1	3.30	MAR. 15	2.30	FEB. 15	1.93	JAN. 1, 1965	2.40
APR. 15	3.80	APR. 1	2.45	MAR. 15	2.03	JAN. 15	2.76
MAY 1	3.81	APR. 15	2.24	APR. 1	2.16	FEB. 1	2.51
MAY 15	3.60	MAY 1	2.47	APR. 15	2.18	FEB. 15	2.45
JUNE 1	3.28	MAY 15	2.49	MAY 1	2.25	MAR. 1	2.75
JUNE 15	2.50	JUNE 1	2.31	MAY 15	2.69	MAR. 15	2.80
JULY 1	2.40	JUNE 15	2.13	JUNE 1	2.08	APR. 1	2.84
AUG. 1	2.30	JULY 1	2.05	JUNE 15	1.86	APR. 15	2.94
AUG. 15	1.77	JULY 15	1.80	JULY 1	1.41	MAY 1	3.04
SEP. 1	2.74	AUG. 1	1.79	JULY 15	1.54	MAY 15	3.17
SEP. 15	2.30	AUG. 15	1.76	AUG. 1	1.51	JUNE 1	3.19
OCT. 1	2.30	SEP. 1	1.81	AUG. 15	1.48	JUNE 15	3.81
OCT. 15	2.21	SEP. 15	1.48	SEP. 1	0.81	JULY 1	2.86
NOV. 1	2.11	OCT. 1	1.32	SEP. 15	0.65	JULY 15	2.81
NOV. 15	2.16	OCT. 15	1.30	OCT. 1	0.56	AUG. 1	2.76
DEC. 1	2.19	NOV. 1	1.40	OCT. 15	0.57	AUG. 15	2.53
DEC. 15	2.19	NOV. 15	1.39	NOV. 1	0.55	SEP. 1	2.60
JAN. 1, 1957	2.10	DEC. 1	1.26	NOV. 15	0.52	SEP. 15	2.57
JAN. 15	2.16	DEC. 15	1.25	DEC. 1	0.52	OCT. 1	2.53
FEB. 1	2.13	JAN. 1, 1960	1.24	DEC. 15	0.53	OCT. 15	2.53
FEB. 15	2.10	JAN. 15	1.23	JAN. 1, 1963	0.77	NOV. 1	2.56
MAR. 1	2.36	FEB. 1	1.51	JAN. 15	0.93	NOV. 15	2.64
MAR. 15	2.61	FEB. 15	1.48	FEB. 1	1.41	DEC. 1	2.65
APR. 1	2.63	MAR. 1	1.46	FEB. 15	1.71	DEC. 15	2.70

U(C-4-2)5BBA-2, CONTINUED

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JAN. 1, 1966	2.79	NOV. 15, 1966	1.88	SEP. 1, 1967	1.94	JUNE 15, 1968	1.51
JAN. 15	2.81	DEC. 1	1.90	SEP. 15	2.19	AUG. 13	1.11
FEB. 1	2.91	DEC. 15	1.82	OCT. 1	2.08	MAR. 26, 1969	1.68
FEB. 15	3.01	JAN. 1, 1967	1.89	OCT. 15	2.08	AUG. 12	1.21
MAR. 1	3.08	JAN. 15	1.69	NOV. 1	1.99	MAR. 5, 1970	1.98
MAR. 15	3.21	FEB. 1	1.30	NOV. 15	1.93	AUG. 14	1.61
APR. 1	3.21	FEB. 15	1.20	DEC. 1	1.89	MAR. 9, 1971	1.29
APR. 15	3.19	MAR. 1	1.40	DEC. 15	1.91	AUG. 31	4.10
MAY 1	3.40	MAR. 15	1.64	JAN. 1, 1968	1.90	MAR. 3, 1972	6.19
MAY 15	3.42	APR. 1	1.99	JAN. 15	1.96	AUG. 1	5.68
JUNE 1	3.34	APR. 15	2.11	FEB. 1	1.93	OCT. 18	5.66
JUNE 15	3.21	MAY 1	2.40	FEB. 15	1.91	JAN. 23, 1973	5.84
JULY 1	3.07	MAY 15	2.61	MAR. 1	1.92	MAR. 7	5.91
JULY 15	2.88	JUNE 1	2.48	MAR. 15	2.26	MAY 11	5.60
AUG. 1	2.69	JUNE 15	2.20	APR. 1	2.29	JUNE 13	3.41
AUG. 15	2.41	JULY 1	2.50	APR. 15	2.38	AUG. 15	4.83
SEP. 1	2.20	JULY 15	2.30	MAY 1	2.45	MAR. 21, 1974	5.57
OCT. 1	2.23	AUG. 1	2.22	MAY 15	2.49	JUNE 18	3.84
OCT. 15	2.18	AUG. 15	2.30	JUNE 1	2.51	AUG. 19	4.54

U(C-4-3)3CBB-1. STATE CLAIM 13129. ROY TAYLOR. DRILLED DOMESTIC ARTESIAN WELL. DIAM 3 IN, DEPTH 218 FT. MP TOP OF CASING, 0.5 FT ABOVE LSD.
LSD 5277 FT ABOVE MSL.
HIGHEST WATER LEVEL 7.36 BELOW LSD, OCT. 9, 1942,
LOWEST WATER LEVEL 8.88 BELOW LSD, OCT. 29, 1936.
RECORDS AVAILABLE: 1936-43.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 29, 1936	8.88	OCT. 21, 1938	8.22	OCT. 1, 1941	7.45	OCT. 9, 1942	7.36
JUNE 29, 1937	8.60	SEP. 6, 1939	8.54	AUG. 1, 1942	7.48	OCT. 21, 1943	7.52
OCT. 12	8.40	SEP. 23, 1940	8.55				

U(C-4-3)4BDC-1. STATE APPLICATION 12568. U S BUREAU OF RECLAMATION. DRILLED UNUSED WATER-TABLE WELL IN GLACIAL OUTWASH. DIAM 4 IN, DEPTH 47 FT. MP TOP OF CASING, 1.5 FT ABOVE LSD. WELL DESTROYED IN 1949.
LSD 5288 FT ABOVE MSL.
HIGHEST WATER LEVEL 5.79 BELOW LSD, MAR. 21, 1948,
LOWEST WATER LEVEL 9.54 BELOW LSD, SEP. 6, 1939.
RECORDS AVAILABLE: 1939-48.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 6, 1939	9.54	OCT. 7, 1942	7.37	OCT. 18, 1945	7.02	JUNE 30, 1948	6.78
SEP. 23, 1940	6.65	AUG. 21, 1943	7.27	OCT. 22, 1946	7.00	JULY 27	7.45
OCT. 1, 1941	6.98	OCT. 21	7.30	OCT. 14, 1947	7.31	AUG. 30	7.90
AUG. 1, 1942	7.08	NOV. 3, 1944	6.87	MAR. 21, 1948	5.79	OCT. 4	7.85

U(C-4-5)1BAD-1. STATE APPLICATION 12533. CITY OF DUCHESNE. DUG UNUSED WATER-TABLE WELL IN ALLUVIUM. DIAM 96 IN, DEPTH 20 FT. MP TOP OF CONCRETE CURB, 1.0 FT BELOW LSD. WELL DESTROYED IN 1948
LSD 5516 FT ABOVE MSL.
HIGHEST WATER LEVEL 3.30 BELOW LSD, SEP. 30, 1941,
LOWEST WATER LEVEL 4.60 BELOW LSD, AUG. 1, 1942.
RECORDS AVAILABLE: 1939-47.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
SEP. 5, 1939	4.37	AUG. 1, 1942	4.60	OCT. 19, 1943	3.50	OCT. 22, 1946	4.08
SEP. 23, 1940	3.54	OCT. 7	3.98	NOV. 3, 1944	3.71	OCT. 13, 1947	4.44
SEP. 30, 1941	3.30	AUG. 21, 1943	3.70	OCT. 18, 1945	4.05		

U(C-4-5)1BDC-1. STATE APPLICATION 33567. B A JACOBY. DRILLED UNUSED WATER-TABLE WELL IN (?) GLACIAL OUTWASH AND IN SANDSTONE OF THE UINTA FMN. DIAM 6 IN, DEPTH 108 FT. MP TOP OF CASING, 0.5 FT ABOVE LSD.
LSD 5516 FT ABOVE MSL.
HIGHEST WATER LEVEL 2.78 BELOW LSD, JUNE 13, 1973,
LOWEST WATER LEVEL 5.37 BELOW LSD, JAN. 23, 1973.
RECORDS AVAILABLE: 1972-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
APR. 6, 1972	5.08	JAN. 23, 1973	5.37	JUNE 13, 1973	2.78	MAR. 21, 1974	4.74
AUG. 1	4.41	MAR. 7	4.80	AUG. 15	3.59	JUNE 21	3.17
OCT. 18	4.37	MAR. 20	4.23	SEP. 17	4.36	AUG. 21	3.97

U(D-1-1)14BBC-1. STATE CLAIM 1868. PAUL LEBARON. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE. DIAM 8 IN. DEPTH 230 FT. CASED TO 38 FT. MP TOP OF CONCRETE PUMP BASE. 1.00 FT ABOVE LSD.
LSD 5408 FT ABOVE MSL.
HIGHEST WATER LEVEL 6.45 BELOW LSD. APR. 4. 1949.
LOWEST WATER LEVEL 52.46 BELOW LSD. APR. 30. 1962.
RECORDS AVAILABLE: 1935-55. 1957-74.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9. 1935	6.53	APR. 4. 1949	6.45	OCT. 8. 1962	21.40	MAR. 5. 1970	36.82
OCT. 30. 1936	6.95	OCT. 3	13.25	APR. 15. 1963	15.68	AUG. 14	40.01
JUNE 29. 1937	9.90	NOV. 7. 1950	22.14	NOV. 13	24.99	MAR. 9. 1971	39.49
OCT. 12	10.91	OCT. 9. 1951	12.68	APR. 14. 1964	21.39	SEP. 2	46.98B
OCT. 22. 1938	6.85	OCT. 28. 1952	12.57	OCT. 6	19.29	MAR. 2. 1972	33.29
SEP. 7. 1939	11.18	OCT. 26. 1953	9.88	MAR. 4. 1965	25.05	JUNE 1	33.41
SEP. 24. 1940	9.65	OCT. 11. 1954	16.31	AUG. 18	35.86	AUG. 1	32.11
OCT. 1. 1941	8.09	OCT. 18. 1955	35.82	MAR. 16. 1966	15.39	OCT. 19	31.44
AUG. 2. 1942	8.95	OCT. 21. 1957	11.63	AUG. 12	35.48	JAN. 23. 1973	41.29
OCT. 8	9.69	OCT. 7. 1958	16.02	MAR. 14. 1967	26.41	MAR. 5	29.59
OCT. 20. 1943	8.30	OCT. 19. 1959	26.62	AUG. 10	32.59	JUNE 13	36.91B
NOV. 4. 1944	13.35	APR. 4. 1960	25.73	MAR. 22. 1968	20.59	AUG. 31	31.09
OCT. 19. 1945	9.44	OCT. 3	19.77	AUG. 13	28.47	MAR. 22. 1974	32.64B
OCT. 23. 1946	9.82	MAR. 27. 1961	24.55	MAR. 20. 1969	26.76	JUNE 18	33.01
OCT. 14. 1947	8.10	OCT. 17	17.39	AUG. 12	25.39	AUG. 19	30.98
OCT. 4. 1948	8.57	APR. 30. 1962	52.46				

U(D-1-1)19AAA-3. STATE APPLICATION 31879. CITY OF ROOSEVELT.BENNETT WELL FIELD. DRILLED UNUSED (FORMERLY PUBLIC SUPPLY) WELL IN GLACIAL OUTWASH ON TERRACE AND BELOW IRRIGATION CANAL. DIAM 10 IN. DEPTH 55 FT: CASED TO 51 FT WITH ONLY OPEN END-NO PERFORATIONS. MP IS BOTTOM OF 1-IN HOLE IN SOUTH SIDE OF CASING. 1.2 FT ABOVE LSD. NOTE J, WATER IN NEARBY CANAL.
LSD 5498 FT ABOVE MSL.
HIGHEST WATER LEVEL 1.17 BELOW LSD. MAR. 22. 1974.
LOWEST WATER LEVEL 5.53 BELOW LSD. AUG. 19. 1974.
RECORDS AVAILABLE: 1972. 1974.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAY 10, 1972	2.27J	MAR. 22, 1974	1.17J	JUNE 18, 1974	1.54	AUG. 19, 1974	5.53

U(D-1-1)19CCC-1. NO STATE CLAIM. BENNETT SCHOOL (NOW RAZED). DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE(?). DIAM 8 IN(?). REPORTED DEPTH 450 FT. MP WAS TOP OF WOODEN CURB. AT LSD. WELL. IN OLD SCHOOL GROUND. WAS FOUND FILLED AND COVERED IN OCTOBER 1946.
LSD 5445 FT ABOVE MSL.
HIGHEST WATER LEVEL 2.40 BELOW LSD. JUNE 29. 1937.
LOWEST WATER LEVEL 12.23 BELOW LSD. SEP. 24. 1940.
RECORDS AVAILABLE: 1936-45.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT. 30. 1936	8.32	OCT. 22. 1938	2.78	OCT. 1. 1941	3.35	OCT. 20. 1943	9.00
JUNE 29. 1937	2.40	SEP. 7. 1939	11.45	AUG. 2. 1942	4.58	NOV. 4. 1944	7.00
OCT. 12	5.44	SEP. 24. 1940	12.23	OCT. 8	7.30	OCT. 19. 1945	7.70

U(D-1-1)23BBB-1. NO STATE CLAIM. ALBERT DANIELS. DRILLED DOMESTIC ARTESIAN WELL IN SANDSTONE OF THE DUCHESNE RIVER FMN. DIAM 5 IN. DEPTH 250 FT. LAST MP WAS TOP OF CASING. 4.0 FT BELOW LSD.
LSD 5367 FT ABOVE MSL.
HIGHEST WATER LEVEL 10.80 BELOW LSD. AUG. 2. 1942.
LOWEST WATER LEVEL 21.78 BELOW LSD. OCT. 22. 1938.
RECORDS AVAILABLE: 1935-46. 1949-54.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV. 9. 1935	13.70	SEP. 24. 1940	15.30	NOV. 4. 1944	12.99	NOV. 7. 1950	14.63
OCT. 30. 1936	12.68	OCT. 1. 1941	12.39	OCT. 19. 1945	13.96	OCT. 9. 1951	10.87
JUNE 29. 1937	19.30B	AUG. 2. 1942	10.80	OCT. 23. 1946	14.77	OCT. 28. 1952	12.25
OCT. 12	16.50	OCT. 8	18.81	APR. 5. 1949	14.04	OCT. 26. 1953	17.01
OCT. 22. 1938	21.78B	OCT. 20. 1943	13.31	OCT. 3	11.47	OCT. 11. 1954	18.28
SEP. 12. 1939	15.28						

Table 6.--Selected logs of wells

Location: See data-site numbering systems in text.
Altitudes are in feet above mean sea level for the land surface at the well.
Thickness of unit, in feet
Depth to base of unit, in feet below land surface.

Material	Thickness	Depth
(D-1-20)12dca-1. Log by Intermountain Drilling Co. Alt. 9,260 ft.		
Soil	1	1
Boulders and clay	10	11
Quartzite, red	81	92
Shale, red-brown	41	133
Shale, dark-gray	23	156
Shale, light-gray	4	160
(D-1-21)27cbb-1. Log by Garnett Birchell. Alt. 8,719 ft.		
Soil, dark-brown	2	2
Clay, light-red	15	17
Shale, sandy, light	5	22
Clay, white	5	27
Shale, white, hard	21	48
Sand and gravel, black; water	4	52
Limestone, white, hard	6	58
(D-1-22)7aac-1. Log by Chas. S. Martinsen. Alt. 8,510 ft.		
Shale	40	40
Sandstone	20	60
Sandstone and shale	38	98
(D-2-22)29dcd-1. Log by J. S. Lee and Sons. Alt. 5,980 ft.		
Sand and gravel	95	95
Limestone	40	135
Rock, phosphate	20	155
Sandstone, gray; water	55	210
Sandstone, yellow, nonporous	10	220
Sandstone, gray; water	35	255
Sandstone, yellow	5	260
Sandstone, gray; water	25	285
Sandstone, yellow	5	290
Sandstone, gray, hard	60	350
Sandstone, white, hard; water	10	360
Sandstone, white; water	20	380
Sandstone, gray	70	450
Sandstone, yellow	10	460
Sandstone, gray	70	530
Sandstone, yellow	10	540
Sandstone, gray	40	580
Sandstone, yellow	20	600
Sandstone, gray	30	630
Note: Yellow "sands" reportedly contain yellow included material that causes low permeability.		
(D-2-22)32bcb-1. Log by J. S. Lee. Alt. 5,730 ft.		
Sand and gravel	22	22
Weber Sandstone	6	28
Sandstone, white, hard	22	50
Sand, gray; water, 5-10 gal/min	28	78
Sand, yellow, soft (nonporous)	27	105
Sandstone, gray, hard	30	135
Sandstone, dark-gray, very hard	30	165
Sand, gray; water, 10-20 gal/min	105	270
Sandstone, white, very hard, fine	15	285
Sand, gray; water, 10-20 gal/min	15	300
Sand, yellow	23	323
Sand, gray; water	22	345
Sandstone, fractured, yellow	23	368
Note: Hole initially was backfilled to 175 ft, later reported abandoned.		
(D-2-22)32bcb-3. Log by Toles and Toles. Alt. 5,730 ft.		
Soil	18	18
Weber Sandstone; water at 1,100 ft	1,339	1,357
Limestone, red and pink	118	1,475
Limestone, red and tan	101	1,576
(D-2-22)36ddb-1. Log by Uintah Basin Drilling Co. Alt. 5,800 ft.		
Clay and sand	23	23
Cobbles	32	55
Gravel	9	64
(D-2-23)9bad-1. Log by Uintah Basin Drilling Co. Alt. 7,635 ft.		
Sand	11	11
Cobbles and boulders, hard	47	58
Cobbles and sand, hard	20	78
Gravel	2	80
Sandstone, red; water	35	115
(D-2-23)15ddd-1. Log by Fred Feltch, Sr. Alt. 7,5[illegible] ft.		
Soil and clay	3	3
Boulders, hard clay, and ledge rock	27	30
(D-2-24)9caa-1. Log by Sid Porter and Son. Alt. 7,305 ft.		
Soil	4	4
Shale, red	6	10
Boulders, red; imbedded in red shale	13	23
(D-2-24)9caa-1. - Continued		
Shale, sandy, red; water, approx. 50 gal/min	3	26
Boulders, red; imbedded in red shale	7	33
Bentonite	2	35
Shale, red	5	40
Sand, red; water, approx. 25 gal/min	6	46
Shale, red	4	50
Shale, sandy, red	30	80
Shale, red, very hard	19	99
(D-3-19)19dbb-1. Log by C. S. Martinsen. Alt. 7,020 ft.		
Soil	2	2
Rock, hard	20	22
Sandstone	21	43
Shale and rock	26	69
Sandstone	126	195
Shale and clay	5	200
(D-3-19)23bbb-1. Log by C. S. Martinsen. Alt. 6,820 ft.		
Gravel	20	20
Navajo Sandstone	206	226
(D-3-20)5ccc-1. Log by Garnett Birchell. Alt. 6,850 ft.		
Clay and silt	5	5
Sand, gravel, cobbles, boulders, and conglomerate	160	165
Quartzite	5	170
(D-3-20)15bca-1. Log by M. A. Toles. Alt. 6,460 ft.		
Soil, black	6	6
Gravel and rocks; water	12	18
Clay, red, and some gravel	10	28
Gravel and cobbles; a lot of water	24	52
(D-3-20)22aad-1. Log by Uintah Basin Drilling Co. Alt. 6,460 ft.		
Clay	95	95
Sandstone	35	130
Shale, red	70	200
(D-3-20)25abc-2. Log by Intermountain Drilling Co. Alt. 5,992 ft.		
Surface, no record	5	5
Boulders	2	7
No record	3	10
Sand and boulders	9	19
Gravel and boulders	13	32
Sandstone, yellow	11	43
Note: Cased to 35 ft.		
(D-3-21)20baa-1. Log by T. D. Erwin. Alt. 6,060 ft.		
Sand, gravel, and muck	80	80
Shale, sandy	15	95
Sandstone	6	101
Shale, sandy	43	144
Sandstone	66	210
(D-3-21)28dba-1. Log by Maude Ellen Oil Co. Alt. 5,916 ft.		
Shale, sandy, yellowish; light seep of water at 134 ft	208	208
Shale, dark-red	20	228
Shale, slate-colored	12	240
Shale, dark-brown	5	245
Shale, slate-colored, dark	5	250
Shale, dark-red, very hard	75	325
Shale, red; caving	115	440
Shale, sandy	10	450
Sand, white; some water at 485 ft, more water at 525 ft, flowing about 2 in. pipe full	100	550
Shale, red	16	566
Shale and shell, red and pink	134	700
Limestone and shell	25	725
Shale, red	20	745
Sand, red	5	750
Shale, red	20	770
Sand, red, broken	25	795
Sand, red, hard, broken	20	815
Shale and shell, sandy, red	25	840
Sand, red, very hard	25	865
Limestone, sandy, pink	55	920
Sand, dark-gray	45	965
Shell and shale, red, hard	20	985
Limestone, red, shell, and shale	35	1,020
Limestone, red, and shell	35	1,055
Shale, red	19	1,074
Sand, red, hard	4	1,078
Shell and shale, sandy, red	37	1,115
Shell, sandy, red	10	1,125
Shell, sandy, red, and shale	10	1,135
Limestone, sandy, red, shell, and shale	15	1,150
(D-3-21)28dba-1. - Continued		
Shell, red, and shale	65	1,215
Shale, sandy, red	5	1,220
Sand, gray	10	1,230
Shell, red, and shale	15	1,245
Limestone, red, shell, and shale	77	1,322
Limestone, white	23	1,345
Limestone, red	20	1,365
Shale, red, and shell	42	1,407
Limestone, white	13	1,420
Limestone, sandy, red	20	1,440
Limestone, sandy, cream color	10	1,450
Shale, blue and red	10	1,460
Sand, white	9	1,469
Shale, sandy, red	34	1,503
Limestone, white	11	1,514
Limestone, blue	5	1,519
Sand, gray	11	1,530
Limestone, white	25	1,555
Limestone, black	20	1,575
Sandstone, gray, flinty; water, light flow at 1,575 ft and heavy flow at 1,595 ft	295	1,870
Sandstone, gray	682	2,552
(D-3-21)30cbd-1. Log by C. W. Anderson and J. C. Zimmerman. Alt. 5,920 ft.		
Soil, sandy	14	14
Boulders	31	45
Sandstone	3	48
Shale, red	54	102
Clay, brown	119	221
Shale, red; caving	21	242
Clay, brown	5	247
Sandstone	3	250
Shale and sandstone	41	291
Sand, loose; water	2	293
Sandstone	7	300
Sandstone, gray	20	320
Sandstone, light, coarse	10	330
Sandstone, white	10	340
Sandstone, coarse; additional water	20	360
Shale, blue	5	365
Shale, red	15	380
(D-3-21)32ccb-1. Log by Uintah Basin Drilling Co. Alt. 5,725 ft.		
Clay, sand, and boulders	10	10
Sand and boulders	15	25
Sand, gravel, and boulders	14	39
Sand and boulders	2	41
Clay	15	56
Navajo Sandstone	74	130
Shale with sandstone	170	300
(D-3-21)34aad-1. Log by Binning Drilling Co. Alt. 5,540 ft.		
Sand	10	10
Sand and clay; water	5	15
Clay and sand, red	30	45
Sandstone, red; water flowed 0.5 gal/min at 50 ft	15	60
Sandstone, tan	45	105
Sandstone, gray	45	150
Sandstone, white, soft	30	180
Sandstone, white, hard	20	200
Sandstone, white, soft	30	230
Sandstone, tan; water flowed 2 gal/min at 240 ft and 4 gal/min at 248 ft	18	248
(D-4-20)1dca-1. Log by Uintah Basin Drilling Co. Alt. 5,925 ft.		
Soil	50	50
Limestone	50	100
Sandstone, white	640	740
(D-4-20)21dad-1. Partial log by Union Oil Co. Alt. 4,245 ft.		
Clay, sandy, and boulders	26	26
Clay and boulders	44	70
Boulder conglomerate, hard	35	105
Quartz sand, hard	15	120
Sand, hard, with limestone fragments	10	130
Boulder conglomerate, hard	30	160
Sandstone and occasional boulders	40	200
Clay, sandy, with scattered boulders	15	215
Sandstone, gray and white	10	225
Clay, silt, and some boulders	20	245
Clay, gray, silt, and silty sand	30	275
Sandstone, medium-grained	5	280
Clay, sandy white to tawny	35	315
Clay, sandy	115	430
Sandstone	5	435
Clay, sandy to gypsiferous	100	535
Sandstone	15	550
Clay and silt, sandy	70	620

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
(D-4-20)21dad-1. - Continued		
Sandstone, variegated, and silt fragments	80	700
Clay and silt, sandy	60	760
Sandstone and limestone boulder fragments	35	795
Note: Drilled to 2,222 ft.		
(D-4-21)2bad-1. Log by Garnett Birchell. Alt. 5,385 ft.		
Soil	12	12
Clay, sandy	18	30
No record	12	42
Sand, light-yellow	2	44
Shale, light-blue	6	50
(D-4-21)3bbd-1. Log by C. S. Martinsen. Alt. 5,550 ft.		
Soil	6	6
Sandstone	34	40
Conglomerate	10	50
(D-4-21)4cdd-1. Log by C. S. Martinsen. Alt. 5,575 ft.		
Soil	3	3
Clay and bedrock	11	14
Sandstone	26	40
(D-4-21)7bcb-1. Log by J. C. Zimmerman. Alt. 5,810 ft.		
Sand, red	4	4
Shale, light-green	17	21
Clay, blue	6	27
Sandstone, blue	9	36
Shale, sandy, red; cemented 74 ft, 8-in. pipe	47	83
Talc, blue	16	99
Sandstone, white; some water	16	115
Clay, sandy, blue	45	160
Clay, blue	5	165
Shale, brown	55	220
Shale, red	5	225
Clay, blue	20	245
Sand, white, fine; increase in water	55	300
Sandstone, blue	30	330
Clay, blue	40	370
Clay, red	3	373
Clay, white	14	387
Clay, red	6	393
Clay, light-blue	22	415
Clay, red	8	423
Clay, sandy, white	9	432
Clay, sandy, red	24	456
Clay, blue; at 470 ft reduced hole size to 5¾ in.; set 41 ft 6-in. pipe at 434 to 475 ft where there was caving	14	470
Clay, red	22	492
Clay, blue	9	501
Sand, white; water increased to about 20 gal/min	64	565
Sand, white, fine	75	640
Sand; water increased about 15 gal/min	10	650
Sand, white, fine	160	810
Sand, coarse; water increased; total 82 gal/min	72	882
(D-4-21)8ccc-1. Log by Garnett Birchell. Alt. 5,655 ft.		
Soil	5	5
Shale, soft	16	21
Sand and gravel	25	46
(D-4-21)10bbb-1. Log by Sid Porter and Sons. Alt. 5,464 ft.		
Cobbles in loose earth	28	28
Gravel and sand	2	30
Sand	2	32
Shale, gray	2	34
(D-4-21)11dcb-1. Log by Uintah Basin Drilling Co. Alt. 5,335 ft.		
Clay and cobbles	10	10
Sand and cobbles	15	25
Sand and gravel	10	35
(D-4-21)12bcb-1. Log by Sid Porter. Alt. 5,300 ft.		
Soil	2	2
Clay, red	4	6
Cobbles	7	13
Sand and gravel	3	16
Shale, gray	1	17
Shale, dark-gray	53	70
Note: Completed at 16 ft.		
(D-4-21)14cdd-1. Log by C. W. Anderson. Alt. 5,319 ft.		
Topsoil	4	4
Gravel and boulders	13	17
Clay, blue	31	48
Clay, dark-blue	6	54
Clay, blue	46	100
(D-4-21)14ddd-1. Log by Fred Feltch, Sr. Alt. 5,283 ft.		
Soil, clay	6	6
Hardpan (like concrete)	2	8
Cobbles and coarse gravel; lots of water	10	18
Shale, blue	5	23
(D-4-21)15dab-1. Log by J. C. Zimmerman. Alt. 5,378 ft.		
Cobble rock	14	14
Sand	9	23
Clay, white	3	26
Clay, blue	4	30
(D-4-21)16bba-2. Log by C. S. Martinsen. Alt. 5,521 ft.		
Sand	17	17
Gravel	20	37
(D-4-21)16ccb-2. Log by Lloyd B. Roper. Alt. 5,530 ft.		
Soil	5	5
Clay	3	8
Cobbles	2	10
Hardpan	3	13
Clay	5	18
Gravel; water	4	22
Hardpan	4	26
(D-4-21)17abb-1. Log by Intermountain Drilling Co. Alt. 5,580 ft.		
Soil	8	8
Sand, gravel, and cobbles	4	12
Sand and gravel	3	15
Sand and cobbles	3	18
Sand and gravel	10	28
Quicksand	4	32
Sand and gravel	5	37
Gravel and boulders	3	40
Sand and gravel, with clay streaks	12	52
(D-4-21)18bbb-1. Log by J. C. Zimmerman. Alt. 5,840 ft.		
Clay, yellow	35	35
Clay, black	40	75
Talc, white	7	82
Shale, dark	3	85
Shale, coal-black	20	105
Shale, gray	10	115
Clay, black	40	155
Shale, black	10	165
Shale, gray	15	180
Clay, white	30	210
Shale, light-gray; trace of water	20	230
Shale, gray, soft	30	260
(D-4-21)20aba-1. Log by P. T. Howard. Alt. 5,560 ft.		
Soil	4	4
Clay, gray	18	22
Sand	5	27
Gravel, small	5	32
Hardpan	3	35
Sand and gravel	5	40
Hardpan	6	46
Sand and gravel	4	50
Gravel and cobbles; water	4	54
(D-4-21)20dad-1. Log by C. S. Martinsen. Alt. 5,518 ft.		
Soil	8	8
Hardpan	4	12
Clay	33	45
Gravel	10	55
(D-4-21)23cdb-1. Log by C. S. Martinsen. Alt. 5,330 ft.		
Topsoil	6	6
Hardpan	7	13
Gravel; cased and cemented at 25 ft.	17	30
(D-4-21)23dca-1. Log by Garnett Birchell. Alt. 5,308 ft.		
Soil, yellow	5	5
Cobbles, yellow	11	16
Sand and gravels; water	24	40
Shale, blue and yellow at 40 ft.		
(D-4-21)24ddd-1. Log by Sid Porter and Sons. Alt. 5,233 ft.		
Soil	2	2
Soil, yellow	7	9
Cobbles	6	15
Gravel and sand	7	22
Shale, blue	5	27
(D-4-21)25ada-1. Log by Uintah Basin Drilling Co. Alt. 5,230 ft.		
Sand and gravel	23	23
Shale, blue; no water	77	100
Note: Cased to 23 ft.		
(D-4-21)26dbc-1. Log by C. S. Martinsen. Alt. 5,315 ft.		
Soil	6	6
Hardpan	6	12
Gravel	33	45
Shale	13	58
(D-4-21)27bbb-1. Log by Garnett Birchell. Alt. 5,415 ft.		
Soil	16	16
Sand, gravel, and cobbles	30	46
(D-4-21)27dcc-1. Log by H. A. Brown, Jr. Alt. 5,400 ft.		
Soil	14	14
Sand, very fine	16	30
Sand, gray, medium	11	41
Gravel, 0.8-1.0 in.	4	45
(D-4-21)28abd-1. Log by Paul T. Howard. Alt. 5,460 ft.		
Topsoil	4	4
Hardpan, white	14	18
Clay, gray, and sand	17	35
Sand, coarse	2	37
Clay, gray, and sand	20	57
Sand	4	61
Sand, sharp, and pea gravel; water	6	67
(D-4-21)28daa-1. Log by Toles. Alt. 5,450 ft.		
Loam	85	85
Gravel and sand	10	95
Shale, blue	255	350
Clay, blue, soft	201	551
Limestone, hard	5	556
Shale, sandy, gray	114	670
Note: Completed at 24 ft.		
(D-4-21)29bbb-1. Log by C. S. Martinsen. Alt. 5,700 ft.		
Hardpan	22	22
Clay	23	45
Gravel and shale	15	60
Shale at 60 ft.		
(D-4-21)29caa-1. Log by Uintah Basin Drilling Co. Alt. 5,680 ft.		
Clay and boulders	15	15
Clay, brown	35	50
Shale, black	90	140
Note: Well filled with clay and abandoned.		
(D-4-21)34ddd-1. Log by C. W. Anderson. Alt. 5,419 ft.		
Clay	20	20
Gravel; water	6	26
Clay, blue	54	80
(D-4-21)36bdb-1. Log by C. S. Martinsen. Alt. 5,270 ft.		
Soil	10	10
Gravel	30	40
Bedrock	10	50
(D-4-22)30bad-1. Log by C. S. Martinsen. Alt. 5,190 ft.		
Soil	2	2
Hardpan	8	10
Gravel	4	14
Shale	16	30
(D-4-22)31bcc-2. Log by C. S. Martinsen. Alt. 5,226 ft.		
Soil	7	7
Hardpan	4	11
Gravel	11	22
Shale	13	35
(D-4-23)26cab-3. Log by Uintah Basin Drilling Co. Alt. 5,025 ft.		
Sand	21	21
Sandstone, gray	219	240
Sandstone, white	45	285
Sandstone, white and red	135	420
Sandstone, red	15	435
Shale, sandy, green	40	475
Sandstone, white and red	45	520
Sandstone, white	45	565
Sandstone, white and red	20	585
Sandstone, red	35	620
Sandstone, white	345	965
Note: 15-ft cores taken at 165-80, 225-40, 300-15, 360-75, 420-35, and 740-55 ft.		
(D-4-23)35bac-1. Log by Uintah Basin Drilling Co. Alt. 4,750 ft.		
Sand	12	12
Cobbles	14	26
Sand and cobbles	24	50
(D-4-24)30ddc-2. Log by Uintah Basin Drilling Co. Alt. 4,790 ft.		
Sand and gravel	10	10

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
(D-4-24)30ddc-2. - Continued		
Sand and cobbles	14	24
Gravel and sand	6	30
(D-4-24)32ccd-1. Log by L. B. Roper. Alt. 4,790 ft.		
Silt	12	12
Sand; water	3	15
Clay, white	15	30
Sand; water, 5 gal/min	2	32
Clay, gray	19	51
Sand; water, 7 gal/min	3	54
Clay, gray	20	74
Sand; water, 25 gal/min	6	80
Clay, red	1	81
(D-4-24)35dad-1. Log by Uintah Basin Drilling Co. Alt. 5,300 ft.		
Soil and sand	28	28
Sandstone	272	300
(D-5-19)15bbb-1. Log by C. W. Anderson. Alt. 5,533 ft.		
Gravel	2	2
Gravel, cemented	8	10
Boulders, large, and gravel	26	36
Gravel and sand	5	41
(D-5-19)15cbc-1. Log by Sid Porter. Alt. 5,502 ft.		
Topsoil	2	2
Hardpan	2	4
Cobblerock	10	14
Sand	5	19
Sand and gravel	10	29
Gravel	3	32
Clay, red	18	50
Shale, red	60	110
Shale, brown	8	118
Shale, red	17	135
Sand, mixed, brown and white; water, 1/3 gal/min	4	139
Shale, gray	2	141
Shale, red	10	151
Sand, light-gray	7	158
Shale, red	30	188
Shale, gray	4	192
Shale, red	15	207
Sand, gray	3	210
Clay, red	43	253
Shale, reddish-brown	16	269
Sand, gray; water, 1/6 gal/min	4	273
Sand, brown	3	276
Clay, red	1	277
(D-5-20)5cab-2. Log by O. M. Hegwar. Alt. 5,725 ft.		
Boulders	15	15
Shale, red, and sandstone; a little water	225	240
Shale, red	150	390
Sandstone; more water	10	400
Shale, red, and sandstone	210	610
(D-5-21)2dcb-1. Log by Sid Porter and Son. Alt. 5,410.4 ft.		
Soil	1	1
Clay, yellow	6	7
Clay, yellow, with a few cobbles	10	17
Clay, yellow	3	20
Gravel and sand; water	12	32
Shale, sandy	10	42
Shale, sandy, brown	6	48
Shale, dark-gray	2	50
(D-5-21)6dbd-1. Log by Western Venture Corp. Alt. approx. 5,700 ft.		
Shale, red	24	24
Sand, gray	10	34
Shale, red and green	11	45
Shale, sandy, red	13	58
Sand, gray, hard	12	70
Clay, sandy, yellow	7	77
Shale, pink	10	87
Conglomerate	11	98
Sand	6	104
Shale, red	39	143
Sand	3	146
Shale, red	17	163
Sand	2	165
Shale, red	28	193
Sand and shale	13	206
Shale, red and blue, soft	51	257
Limestone, hard	9	266
Shale, blue	1	267
Conglomerate	7	274
Shales, mixed, and conglomerate streaks	64	338
Shale, blue, and sand	18	356
Shale, blue, with dried tar particles	8	364
Shale, sandy, blue	14	378
Sand, soft	32	410
Shale, blue	5	415
(D-5-21)6dbd-1. - Continued		
Sand, white	10	425
Shale, blue	25	450
Limestone, hard	8	458
Shale, blue and red	77	535
Sand, white	1	536
Shale, sandy, mixed blue and red	156	692
Sand, coarse	5	697
Shale, blue and brown	5	702
Shale, blue	7	709
Sand; first water	3	712
Shale, sandy, mixed	41	753
Shale, green	32	785
Shale, red	45	830
Sand	18	848
Shale, red	27	875
Shale, sandy, blue	15	890
Shale, blue	17	907
Sand, white; second water, 5.6 gal/min	4	911
Sand, white, hard	9	920
Shale, white	5	925
Sand, hard	3	928
Shale, light-blue	4	932
Conglomerate and sand	13	945
Shale, red and blue	39	984
Shale, sandy, white	9	993
Sand, white	22	1,015
Conglomerate	54	1,069
Sand, hard, fine	11	1,080
Conglomerate	17	1,097
Sand, hard	8	1,105
Shale, sandy, blue, and gilsonite	30	1,135
Shale, dark	10	1,145
Sand	10	1,155
Shale, sandy, blue	47	1,202
Shale, blue	45	1,247
Shale, sandy, blue	18	1,265
Sand, soft; oil show; water	5	1,270
Shale, sandy, blue	6	1,276
Sand, hard; oil show	7	1,283
Sand, fine; oil show	7	1,290
Sand, brown; saturated with oil; showing gas pressure of 240 pounds	8	1,298
Shale, red and blue	32	1,330
Shale, sandy, red; gas at 1,430 ft	104	1,434
Shale, sandy, red	10	1,444
Sand, dry	64	1,508
Sand; water rose 500 ft	7	1,515
(D-5-21)8caa-1. Log by Home Oil Co. Alt. 5,530 ft.		
Shale, red	100	100
Shale, sandy, gray	15	115
Shale, red	45	160
Sandstone, gray, hard	5	165
Sand, white	40	205
Conglomerate	5	210
Shale, sandy, gray	15	225
Shale, sandy, blue	20	245
Shale, gray	10	255
Sand, gray, hard	15	270
Conglomerate	20	290
Shale, blue	10	300
Limestone, blue, hard	40	340
Shale, sandy, blue	15	355
Sand, white; ½ bailer water per hour	5	360
Shale, sandy	15	375
Shale, blue	15	390
Shale, red	80	470
Shale, sandy, gray	40	510
Shale, red	30	540
Shale, sandy, gray	30	570
Shale, red	30	600
Shale, sandy, gray	30	630
Shale, red	15	645
Gumbo, blue	30	675
Shale, sandy, gray	15	690
Sand, gray; oil and gas show	3	693
Shale, red	10	703
Limestone, sandy, gray	27	730
Shale, red	30	760
Limestone, gray	20	780
Clay, yellow	20	800
Shale, blue	20	820
Shale, red	20	840
Limestone, gray, and hard shells	45	885
Shale, red	15	900
Limestone, gray	15	915
Sand, gray; sulphur water at 700 ft	10	925
Limestone, gray	5	930
Shale, red	30	960
Shale, blue	20	980
Limestone, hard shell	3	983
Limestone, gray	17	1,000
Shale, blue	20	1,020
Limestone, sandy	35	1,055
Shale, blue, and limestone shells	40	1,095
Limestone, light-gray, hard	5	1,100
Limestone, sandy; good flow of gas, some oil	5	1,105
Shale, blue	15	1,120
Shale, light-gray	10	1,130
Limestone, sandy; gas show	[illegible]	[illegible]
(D-5-21)8caa-1. - Continued		
Shale, light-blue	17	1,160
Limestone, sandy; good show of oil	5	1,165
(D-5-22)8dab-1. Log by Intermountain Drilling Co. Alt. 5,140 ft.		
Fill, compacted	8	8
Clay, red, lean, plastic	20	28
Sand and gravel	14	42
(D-5-22)17acb-1. Log by Uintah Basin Drilling Co. Alt. 5,150 ft.		
Fill dirt	20	20
Sand and gravel	12	32
(D-5-22)18abb-1. Log by Fred Feltch, Sr. Alt. 5,275 ft.		
Soil	8	8
Gravel and clay	8	16
Shale	6	22
Note: Not much water.		
(D-5-23)9acc-1. Log by C. S. Martinsen. Alt. 4,741 ft.		
Topsoil	3	3
Gravel	15	18
Mancos shale	737	755
Note: Dry hole, capped.		
(D-5-23)10aaa-1. Log by J. C. Zimmerman. Alt. 4,790 ft.		
Sand and dirt	5	5
Gravel	35	40
Mancos shale	660	700
Frontier sand; water and flammable gas	7	707
Mancos shale	26	733
(D-5-23)21caa-1. Log by M. A. Toles. Alt. 4,740 ft.		
Sand and gravel	30	30
Shale, blue	20	50
Sandstone, gray, hard; salt water	45	95
Shale, sandy, gray	45	140
Limestone, hard	5	145
Shale, blue, soft	55	200
Shale, sandy, gray	10	210
Shale, blue, soft	55	265
Limestone, hard	10	275
Sandstone, white; sulphur water	31	306
Shale, yellowish-gray, soft	15	321
Sandstone, white	31	352
(D-5-23)32adb-1. Log by Uintah Basin Drilling Co. Alt. 4,735 ft.		
Sand	9	9
Gravel and cobbles	17	26
Gravel	2	28
(D-6-25)34. Log by H. H. Bell. Alt. 5,500 ft.		
Sand, brown	100	100
Shale, blue	40	140
Lime, blue, hard	20	160
Granite boulders, red	25	185
Shale, pink	55	240
Lime, blue, hard	40	280
Sand; water	75	355
Sand, gray	40	395
Shale, gray	52	447
(D-7-19)12daa-1. Log by C. S. Martinsen. Alt. 4,869 ft.		
Soil	4	4
Gravel	10	14
Bedrock (sandstone ?)	47	61
(D-7-20)9bcc-1. Log by Uintah Basin Drilling Co. Alt. 5,049 ft.		
Sand	9	9
Sand, gravel, and cobbles	16	25
Gravel and cobbles	11	36
(D-7-20)22dcd-1. Log by T. D. Erwin. Alt. 4,814 ft.		
Soil	2	2
Clay, sandy	3	5
Sand and gravel	23	28
Clay and silt, sandy	37	65
Sand, fine, muddy	20	85
Quicksand, fine, muddy; water	30	115
Sand, fine, clean; water	13	128
Sand, coarse, sand gravel	4	132
Shale, lavender	8	140
Note: Perforations in casing were driven below the fine sand; water level was then 85 ft.		
(D-8-20)11acd-1. Log by Uintah Basin Drilling Co. Alt. 4,662 ft.		
Sand and clay	10	10
Sand and boulders	34	44
Sand and gravel	6	50

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
(D-8-21)6bdd-4. Log by Uintah Basin Drilling Co. Alt. 4,662 ft.		
Gravel	8	8
Sand	59	67
Sand, gravel, and cobbles	16	83
(D-8-22)15bbc-1. Log by Uintah Basin Drilling Co. Alt. 4,900 ft.		
Silt	10	10
Clay	20	30
Shale	44	74
Sandstone, light	4	78
Shale	30	108
Sandstone, light	2	110
Shale	10	120
(D-8-25)28. Log by C. M. Erb. Alt. approx. 5,340 ft.		
Topsoil	4	4
Clay, yellow	24	28
Shale, red	12	40
Shale, alternating gray and red	68	108
Sand, white, fine; water	3	111
Shale, alternating red and blue	28	139
Shale, sandy, red	5	144
Sand, hard, fine; some water	16	160
Shale, blue and red	57	217
Sandstone, white	13	230
Shale and thin beds of sandstone	45	275
Shale and sandstone, alternating	45	320
(D-9-20)20acd-1. Log by Garnett Birchell. Alt. 4,780 ft.		
Topsoil	3	3
Shale, blue	57	60
Sandstone, gray	13	73
Shale, blue; interbeds of brown shale	67	140
Sandstone, soft, light; salty water	25	165
Not reported	1	166
(D-9-20)27aac-1. Partial log by Dekalb Agricultural Association. Alt. 4,845 ft.		
Clay, varicolored, and silt	460	460
Sand, light-green, fine to coarse	10	470
Limestone	30	500
Clay, silt, and sand, light-gray	30	530
Clay, silt, and sand, gray, green, and purple	90	620
Clay, silt, and dolomite	10	630
Alternating shale, siltstone, and sandstone beds	660	1,290
Shale, silty, brown, and dolomite; "oil"; water at 2,720 ft	1,670	2,960
Clay, silt, and sand, light-gray	110	3,070
Clay, silt, and sand, light-gray	210	3,280
Clay, silt, and sand, light-gray, green-gray, and tan	40	3,320
Clay and silt, gray, green, and tan, with trace of sandstone	320	3,640
Dolomite and limestone, tan	60	3,700
Clay, silt, and sand, green and light-gray	280	3,980
Silt and sand, white and light-gray, friable and oolitic; water bearing	50	4,030
Clay, silt, and sand, gray and green, with trace of limestone	930	4,960
Clay, tan, dense; fossils(?)	100	5,060
Clay and silt, varicolored	75	5,135
Note: Drilled to 6,510 ft.		
(D-9-24)3dbd-1. Log by Uintah Basin Drilling Co. Alt. 5,170 ft.		
Sand and gravel	20	20
Shale and sandstone; water	80	100
Yield: 4 gal/min at 20 ft, 7 gal/min at 59 ft.		
(D-11-21)31bdd-1. Log by C. W. Anderson. Alt. 5,190 ft.		
Topsoil	15	15
Gravel; water (salty) bearing	235	250
Shale, dark-red	250	500
Shale, blue	198	698
Sandstone, porous	13	711
(D-11-24)33dcc-1. Log by C. M. Erb. Alt. 5,780 ft.		
Soil and gravel	15	15
Limestone	57	72
Gilsonite, low-grade	8	80
Lime bed, fractured; water bearing	2	82
(D-12-22)34abc-1. Log by Everett Osborne. Alt. 6,230 ft.		
Sand, gravel, and conglomerate	12	12
Shale, blue-gray	66	78
Sandstone, gray	24	102
Shale, green and buff	18	120
(D-13-21)22aab-1. Log by Everett Osborne. Alt. 5,600 ft.		
Topsoil	8	8
Clay, silty, sandy	10	18
Sand and gravel	7	25
Mud and silt, blue	15	40
(D-14-18)1bbd-1. Log by Uintah Basin Drilling Co. Alt. 7,045 ft.		
Clay and sand	14	14
Bedrock	32	46
Sandstone	6	52
Shale, blue	108	160
Shale; oil bearing; in 8/72 measured depth was 130 ft.	52	212
(D-14-19)3cdb-1. Log by Uintah Basin Drilling Co. Alt. 6,880 ft.		
Bedrock and clay	10	10
Shale, gray	26	36
Shale, gray and green	44	80
Sand, white	4	84
Shale, gray and green	12	96
(D-15-20)3bab-1. Log by Uintah Basin Drilling Co. Alt. 7,440 ft.		
Clay and rock	7	7
Sandstone, yellow	57	64
Sand, white	3	67
Sandstone, yellow	38	105
Sand, white	3	108
U(A-1-1)5dca-1. Log by J. C. Zimmerman. Alt. 6,465 ft.		
Dirt	1	1
Boulders, very large	30	31
Clay, light	16	47
Clay, brown	23	70
Sandstone, brown	5	75
Clay, red	15	90
Record missing	6	96
Note: Cased to 45 ft; perforated 25-47 ft; balance open hole.		
U(A-1-1)21bbb-1. Log by Uintah Basin Drilling Co. Alt. 6,135 ft.		
Clay	2	2
Boulders	25	27
Clay, blue	9	36
Clay, blue and red	34	70
Sandstone, red	10	80
Clay, red	20	100
Sandstone, red	10	110
Clay, blue	50	160
Clay, blue and red	65	225
Shale, red	40	265
Shale, dark-blue	35	300
Note: Completed at 111 ft.		
U(A-1-1)23ccc-2. Log by Sid Porter and Sons. Alt. 5,686 ft.		
Topsoil	2	2
Clay, reddish-brown	10	12
Clay, red	15	27
Gravel and sand; water	6	33
Shale, red	5	38
Shale, gray	2	40
Shale, red	23	63
Shale, gray	2	65
Shale, red	30	95
Shale, gray	3	98
Shale, red	31	129
Sandstone, gray, hard	2	131
Shale, red	37	168
Sandstone, reddish-brown; water, small seep	4	172
Shale, red	20	192
Shale, gray	8	200
Shale, red	12	212
Sand, red; carrying approx. 1½ gal/min of water	5	217
Shale, red	28	245
Shale, gray	2	247
Shale, red	11	258
Shale, gray	6	264
Shale, red	58	322
Sand, reddish-brown; water encountered at 322 ft producing approx. 7½ gal/min	5	327
U(A-1-1)26dbb-1. Log by T. D. Edwin. Alt. 5,635 ft.		
Soil	24	24
Sandstone	2	26
Shale	10	36
Sandstone	24	60
Shale	56	116
Sandstone; trace of water	2	118
Shale	5	123
Sandstone; water	7	130
Shale	30	160
Sandstone; water, ½ gal/min	5	165
Shale and some sand	139	304
Sandstone	6	310
Shale, sandy	60	370
Sandstone	8	378
Clay and shale	39	417
Sandstone; main water	15	432
Shale	80	512
U(A-1-1)28cbb-1. Log by Uintah Basin Drilling Co. Alt. 5,900 ft.		
Clay	3	3
Boulders and sand	17	20
Boulders and gravel	24	44
Gravel	1	45
U(A-1-2)31dcc-1. Log by Garnett Birchell. Alt. 5,610 ft.		
Topsoil	6	6
Sand; water	10	16
Hardpan, red	8	24
Clay, red	32	56
Hardpan, light-brown rock	8	64
Sandstone, red soft; water	12	76
Clay, red	24	100
Ledge rock, light-brown	22	122
Clay, light-brown	8	130
Sandstone, red; water under rock	35	165
Shale, red, soft	35	200
U(A-1-2)32aca-1. Log by C. S. Martinsen. Alt. 5,935 ft.		
Topsoil	2	2
Boulders	10	12
Clay and bedrock	48	60
Bedrock	140	200
U(A-2-1)36bbd-1. Log by J. C. Zimmerman. Alt. 6,835 ft.		
Dirt, black	1	1
Gravel, cemented	9	10
Gravel, loose	10	20
"Mancos" shale	13	33
U(A-2-2)32aca-1. Log by Uintah Basin Drilling Co. Alt. 6,690 ft.		
Sand	10	10
Shale, red	30	40
Sandstone	4	44
U(B-1-1)2add-1. Log by Garnett Birchell. Alt. 6,445 ft.		
Gravel, cobbles, and boulders	95	95
Shale, red	2	97
U(B-1-1)10daa-2. Log by Uintah Basin Drilling Co. Alt. 6,305 ft.		
Clay	14	14
Boulders	4	18
Shale, red	8	26
Sandstone, red	50	76
Shale, red	6	82
Sandstone, red	18	100
Shale, red	10	110
Sandstone, red	5	115
Shale, red	10	125
Sandstone, red	35	160
Shale, red	20	180
U(B-1-1)19ada-1. Log by Uintah Basin Drilling Co. Alt. 6,353 ft.		
Sand and boulders	40	40
Sand, gravel, and boulders	13	53
U(B-1-1)25bcc-2. Log by Uintah Basin Drilling Co. Alt. 5,973 ft.		
Clay, sandy	10	10
Cobbles and boulders	10	20
Cobbles and sand	32	52
Sand	13	65
U(B-1-1)27adg-1. Log by J. G. Lee. Alt. 6,065 ft.		
Sand and boulders	31	31
Sand and some gravel	10	41
Boulders	3	44
Boulders and gravel	7	51
Boulders, sand, and gravel	12	63
Gravel	17	80
Boulders, sand, and gravel	41	121
Boulders, gravel, and some sand streaks	48	169
Sand	7	176
Boulders, sand, and gravel	3	179
Sand and some gravel	11	190
U(B-1-1)27adb-1. Log by J. S. Lee and Sons. Alt. 6,068 ft.		
Sand and boulders	180	180
Shale, green	5	185
U(B-1-1)35ccc-1. Log by J. C. Zimmerman. Alt. 5,892 ft.		
Sod	1	1
Cobbles	11	12
Sand, gravel, and cobbles; "lots of water" at 25 ft	26	38
U(B-1-2)24ddd-1. Log by Uintah Basin Drilling Co. Alt. 6,362 ft.		
Boulders and sand	65	65
Shale, red	110	175
Sandstone, red	15	190

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(B-1-2)24ddd-1. - Continued		
Shale	480	670
Sandstone	10	680
Shale	20	700
U(B-1-2)36ddd-1. Log by J. C. Zimmerman. Alt. 6,090 ft.		
Boulders, cemented	16	16
Boulders and sand	9	25
Gravel; water	5	30
U(B-1-4)2dba-1. Log by Uintah Basin Drilling Co. Alt. 7,976 ft.		
Sand and boulders	184	184
Clay, sandy, red	136	320
Sandstone; some water	10	330
Clay, sandy, red	80	410
Sandstone, white	8	418
Clay, sandy, red	78	496
U(B-1-8)19ddd-1. Log by Garnett Birchell. Alt. 6,980 ft.		
Soil	3	3
Cobbles	33	36
Gravel and cobbles	34	70
Gravel; water	15	85
Note: All material penetrated was light blue to purple color.		
U(B-1-8)29ddd-1. Log by J. C. Zimmerman. Alt. 7,005 ft.		
Clay, red	20	20
Gravel	5	25
Cobbles	65	90
Clay, red	20	110
Gravel	4	114
U(B-1-9)1bda-2. Log by Intermountain Drilling Co. Alt. 7,230 ft.		
Clay, brown, and boulders	10	10
Boulders	20	30
Gravel	33	63
Sand	11	74
U(B-1-9)12daa-1. Log by Jensen Construction and Drilling Co. Alt. 7,120 ft.		
Silt	1	1
Cobbles and silt	7	8
Boulders	11	19
Cobbles	32	51
Hardpan	12	63
Conglomerate	6	69
Gravel	7	76
Cobbles	8	84
U(B-2-1)24ccc-1. Log by J. C. Zimmerman. Alt. 6,810 ft.		
Soil black	6	6
Boulders and sand	29	35
Clay, blue	3	38
Gravel, water	7	45
U(B-2-4)9aac-1. Log by Intermountain Drilling Co. Alt. 7,955 ft.		
Boulders, large	39	39
Sand and large boulders	4	43
U(B-2-4)15bad-1. Log by Intermountain Drilling Co. Alt. 7,900 ft.		
Soil	2	2
Clay and red quartzite boulders	57	59
Sandstone, yellow	11	70
Quartzite boulders, red	44	114
Sandstone(?), yellow	2	116
U(B-2-9)26cad-1. Log by Bear River Drilling Co. Alt. 7,410 ft.		
Silt, clay, and rock	10	10
Silt, sandy	28	38
Clay, light-brown	7	45
Sand, fine	10	55
Clay, light-brown	3	58
Gravel, coarse	12	70
U(B-2-9)26dcb-1. Log by E. E. Hobbard. Alt. 7,390 ft.		
Clay	4	4
Cobbles	8	12
Hardpan	7	19
Gravel and boulders	10	29
Shale	21	50
Note: Completed at 30 ft.		
U(C-1-1)8bcb-1. Log by J. C. Zimmerman. Alt. 5,901 ft.		
Sand and gravel; water, 10 gal/min.	55	55
Clay, blue	45	100
Note: Hole filled back to 55 ft.		
U(C-1-1)5daa-1. Log by Uintah Basin Drilling Co. Alt. 5,92[illegible] ft.		
Clay and cobbles	20	20
U(C-1-1)5daa-1. - Continued		
Boulders	10	30
Gravel and clay	8	38
U(C-1-1)6bbb-1. Log by Uintah Basin Drilling Co. Alt. 6,055 ft.		
Clay and cobbles	14	14
Clay	156	170
Sandstone	10	180
Shale	20	200
U(C-1-1)8bcc-1. Log by Uintah Basin Drilling Co. Alt. 5,830 ft.		
Clay	9	9
Boulders	16	25
Shale, red	129	154
Sandstone	20	174
U(C-1-1)14bba-1. Log by Uintah Basin Drilling Co. Alt. 5,670 ft.		
Clay	8	8
Boulders and sand	28	36
U(C-1-1)18ccb-1. Log by Alden Galloway. Alt. 5,640 ft.		
Soil	2	2
Sand	13	15
Sand and rocks	9	24
Clay	51	75
Sandstone	5	80
Clay	2	82
U(C-1-1)20dda-1. Log by Uintah Basin Drilling Co. Alt. 5,345 ft.		
Clay	15	15
Sandstone	5	20
Clay	10	30
Sandstone	5	35
Shale	365	400
Shale, with strips of sandstone	100	500
U(C-1-1)24dda-1. Log by J. C. Zimmerman. Alt. 5,462 ft.		
Cobblerock, cemented	10	10
Cobbles and sand; water	15	25
River sand; water	13	38
Clay, red; completed at 38 ft	52	90
U(C-1-1)26bab-1. Log by J. C. Zimmerman. Alt. 5,560 ft.		
Boulders	15	15
Talc, white, soft	15	30
Shale, red	45	75
Sandstone	12	87
Shale, red	87	174
Sandstone, white; water, 10 gal/min.	11	185
U(C-1-1)28aba-1. Log by A. I. Sanders. Alt. 5,310 ft.		
Loam, sandy, soft; water	20	20
Clay, red, hard	60	80
Sandstone	½	80½
Clay, red, hard	44½	125
Note: Cased to 18 ft.		
U(C-1-1)30aad-1. Log by Garnett Birchell. Alt. 5,586 ft.		
Boulders	12	12
Shale, red	53	65
Sandstone, brown, hard	16	81
Clay, red	46	127
Ledge rock, hard	15	142
Clay, light-red	54	196
Shale, red	52	248
Sandstone, yellow; some water	8	256
Clay, light-red	24	280
Clay, light-yellow	71	351
U(C-1-1)31dbb-1. Log by Uintah Basin Drilling Co. Alt. 5,415 ft.		
Boulders	20	20
Clay	60	80
Shale, blue	60	140
Shale, gray	20	160
Shale and sandstone	50	210
Shale, red and sandstone	90	300
Sandstone	120	420
U(C-1-1)36cdc-1. Log by J. C. Zimmerman. Alt. 5,400 ft.		
Cobblerock	20	20
Clay, red	20	40
Sandstone	5	45
Clay, red	10	55
Sandstone	3	58
Clay, red	87	145
U(C-1-1)36cdc-1. - Continued		
Sandstone	13	158
Clay, red	12	170
Sandstone	12	182
Clay, brown	28	210
Shale, brown	18	228
Clay, purple	12	240
Sandstone, white; water	10	250
Clay, red	10	260
U(C-1-2)3bcb-1. Log by Uintah Basin Drilling Co. Alt. 5,943 ft.		
Sand and boulders	16	16
Shale, brown	7	23
Sandstone	1	24
Shale, green	36	60
Shale, black	30	90
Shale, red	6	96
Sandstone	8	104
Shale, brown	12	116
Sandstone, brown	8	124
Shale, red	6	130
Sandstone	10	140
Rock, hard	6	146
Shale, red	6	152
U(C-1-2)4add-1. Log by W. H. Wall. Alt. 5,950 ft.		
Cobbles and gravel	13	13
Clay, blue	102	115
Sand; water	9	124
Clay, red; thin sand strata about 135 ft	15	139
Sand, gray	6	145
Clay, blue	23	168
Sand	2	170
Clay, red	6	176
Clay; thin strata of water-bearing sand	14	190
Sand, red; water	10	200
Clay, red	20	220
Sand, gray; water	17	237
Clay	3	240
Sand, gray	15	255
Clay, blue	15	270
Sand; water	24	294
Clay; thin strata of sand	36	330
Clay, red	70	400
U(C-1-2)9add-1. Log by Uintah Basin Drilling Co. Alt. 5,930 ft.		
Clay	40	40
Sandstone	40	80
Sandstone and shale	70	150
U(C-1-2)11ddb-2. Log by Uintah Basin Drilling Co. Alt. 5,742 ft.		
Clay	10	10
Shale	30	40
Sandstone	14	54
Sand and shale in layers	36	90
Sandstone and shale	40	130
Sandstone	25	155
Shale	5	160
U(C-1-2)13cdd-2. Log by Uintah Basin Drilling Co. Alt. 5,635 ft.		
Boulders	30	30
Shale	48	78
Shale and red bedrock	52	130
Sandstone; some water	40	170
Shale	8	178
Sandstone and shale	22	200
Sandstone; water	8	208
Rock and shale	42	250
Sandstone; water	5	255
No record	5	260
U(C-1-2)17daa-1. Log by G. W. Hunt. Alt. 5,920 ft.		
Sandstone	6	6
Clay	5	11
Rock	7	18
Clay	4	22
Rock	4	26
Clay	17	43
Rock	2	45
Clay	4	49
Rock	7	56
Clay	6	62
Sandstone, coarse	22	84
Clay	4	88
Rock	20	108
Clay	1	109
Rock	11	120
Rock, hard	30	150
Clay	10	160
Rock	7	167
Rock and clay in thin layers	21	188
Rock	14	202
Rock, hard	3	205
Clay	2	207
Rock, soft	9	216
Clay	7	223

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-1-2)22cbb-1. Log by Uintah Basin Drilling Co. Alt. 5,705 ft.		
Sand	6	6
Sandstone, brown	6	12
Shale, red	48	60
Sandstone, red; water	15	75
Shale, red	175	250
Sandstone, red; increase in water	60	310
Shale, red, hard	30	340
Sandstone, red; increase in water	245	585
Shale, brown, hard	15	600
Sandstone, red; water	140	740
Shale, red, hard	20	760
Sandstone, gray; water	10	770
Shale, red, hard	20	790
Sandstone, red	10	800
Shale, red	10	810
U(C-1-2)23bcc-1. Log by Uintah Basin Drilling Co. Alt. 5,630 ft.		
Clay	160	160
Sandstone	3	163
Clay	141	304
Sandstone	6	310
Clay	168	478
Sandstone	22	500
Clay and sandstone	25	525
U(C-1-2)25aaa-2. Log by J. C. Zimmerman. Alt. 5,495 ft.		
Clay, red	5	5
Sandstone, yellow	5	10
Clay, yellow	15	25
Sandstone, yellow	10	35
Clay, mixed	25	60
Sandstone, yellow	15	75
Sandstone, red	13	88
Sand, white	7	95
Clay, mixed	3	98
Clay, brown	17	115
Clay, mixed	20	135
Clay, yellow	7	142
Clay, mixed	16	158
Sandstone, red	7	165
Sand; water, ½ gal/min	2	167
Clay, red	10	177
Clay, yellow	18	195
Sandstone, red	5	200
Clay, yellow	15	215
Clay, red	2	217
Shale, yellow	13	230
Sandstone; water, 3½ gal/min	10	240
Clay, yellow	10½	250½
U(C-1-2)26aaa-1. Log by G. W. Hunt. Alt. 5,515 ft.		
Soil	27	27
Rock (sandstone)	3	30
Clay	1	31
Rock (sandstone)	6	37
Clay	1½	38½
Rock (sandstone)	2	40½
Clay	4	44½
Rock (sandstone)	8	52½
Clay	5	57½
Rock (sandstone); water, ½ gal/min	1	58½
Clay	4	62½
Rock (sandstone)	7	69½
Clay	6	75½
U(C-1-2)27aaa-1. Log by T. D. Erwin. Alt. 5,590 ft.		
Silt, sandy; water 15-20 ft	30	30
Sandstone, gray	7	37
Shale and sand, lavender	3	40
Sandstone, gray, hard	5	45
Sandstone, soft	4	49
Shale, sandy, brown, and soft	10	59
Shale, hard	14	73
Sandstone, gray, hard	9	82
Shale, sandy, brown, hard	21	103
Sandstone, gray, soft	9	112
Shale, gray, soft	13	125
Sandstone, gray, hard	3	128
Shale, sandy, blue-gray, hard	4	132
Sandstone, gray, soft	16	148
Sandstone, hard; flowing water	15	163
Shale, blue, hard	4	167
Shale, sandy, gray, hard	18	185
Sandstone, soft, gray; flowing water	26	211
Shale, gray, hard	4	215
U(C-1-2)27abc-6D. Log by Uintah Basin Drilling Co. Alt. 5,610 ft.		
Sand	20	20
Sandstone	30	50
Shale, red	125	175
Sandstone with thin layers of red shale	225	400
Sandstone; increase in water	15	415
Shale, brown	75	490
Sandstone; increase in water	10	500
Shale, brown	40	540
Sandstone; increase in water	10	550
U(C-1-2)27abc-6D.- Continued		
Shale, brown, hard	40	590
Sandstone; increase in water	10	600
Shale, red, hard	140	740
Sandstone, red; increase in water	55	795
Shale, red and brown	55	850
Sandstone, gray, soft; water	115	965
Sandstone, red, hard	45	1,010
U(C-1-2)29bda-1. Log by Uintah Basin Drilling Co. Alt. 5,940 ft.		
Clay	8	8
Sandstone and shale	92	100
Sandstone	65	165
Shale	58	223
Sandstone and shale	127	350
Sandstone	50	400
Sandstone and shale	100	500
Sandstone	40	540
U(C-1-2)36aaa-1. Log by Uintah Basin Drilling Co. Alt. 5,409 ft.		
Boulders	20	20
Clay	20	40
Shale, with strip of sandstone	100	140
Sandstone, with strips of shale	80	220
Shale	20	240
U(C-1-2)36adc-1. Log by Uintah Basin Drilling Co. Alt. 5,394 ft.		
Sandstone	6	6
Shale	34	40
Sandstone	6	46
Shale	18	64
Sandstone	6	70
Shale	85	155
Sandstone	5	160
Shale	10	170
U(C-1-3)1cbb-1. Log by Uintah Basin Drilling Co. Alt. 6,500 ft.		
Boulders	53	53
Clay	547	600
Clay, sandy	320	920
Note: Filled with clay; no water.		
U(C-1-3)7cbb-1. Log by B. F. Klippel. Alt. 6,660 ft.		
Soil	6	6
Clay, gray	84	90
Note: Well backfilled; no water to 90 ft.		
U(C-1-3)16ddc-1. Log by Uintah Basin Drilling Co. Alt. 6,335 ft.		
Sandstone	30	30
Clay	120	150
Sandstone	10	160
Shale	80	240
Sandstone	160	400
U(C-1-3)27bbb-1. Log by Uintah Basin Drilling Co. Alt. 6,230 ft.		
Clay and rock	11	11
Shale	17	28
Sandstone	6	34
Shale	26	60
Sandstone	5	65
U(C-1-3)30cdd-1. Log by Uintah Basin Drilling Co. Alt. 6,323 ft.		
Clay and sand	10	10
Sand and boulders	22	32
U(C-1-3)32bdc-1. Log by Uintah Basin Drilling Co. Alt. 6,105 ft.		
Sand	18	18
Sandstone	22	40
Shale, red	20	60
Sandstone	8	68
Shale, red	28	96
Sandstone	12	108
Shale, red	60	168
Sandstone	22	190
Shale, red	110	300
Sandstone	8	308
Shale, red	32	340
Sandstone	4	344
Shale, red	48	392
Sandstone	4	396
Shale, red	4	400
Note: Well reported dry.		
U(C-1-3)34bbb-1. Log by Ellery Grant. Alt. 6,200 ft.		
Soil	7	7
Sandstone; water	33	40
Clay, blue	60	100
Sandstone	50	150
Clay, red	30	180
Sandstone, red	120	300
Clay, red	40	340
Sandstone, red	60	400
Shale, blue	50	450
Silt, red	50	500
U(C-1-3)34bbb-1. - Continued		
Sandstone, white; water	100	600
Sandstone, red; water	50	650
Clay and shale, blue	54	704
U(C-1-4)1dcc-1. Log by Don Birchell. Alt. 6,795 ft.		
Clay, red	3	3
Cobbles, mixed with sand	72	75
Gravel, small, and sand; no water	5	80
Clay, blue; completed at 76 ft.	10	90
U(C-1-4)2ccc-1. Log by Klippel Bros. Alt. 6,856 ft.		
Cobbles, cemented	12	12
Cobbles, in sand	56	68
Clay, brown	2	70
Shale, gray	113	183
Shale, sandy, gray	27	210
Shale, brown and gray, in thin layers	15	225
Shale, sandy, gray	12	237
U(C-1-4)4add-1. Log by Uintah Basin Drilling Co. Alt. 6,888 ft.		
Clay	11	11
Boulders	34	45
Sand, gravel, and cobbles	9	54
U(C-1-4)9aad-1. Log by B. F. Klippel. Alt. 6,783 ft.		
Soil	4	4
Cobbles, in lime	7	11
Cobbles, in sand	64	75
Note: Well was deepened in 1949 to obtain water during "low-water period."		
U(C-1-4)9dab-1. Log by Uintah Basin Drilling Co. Alt. 6,762 ft.		
Cobblerock	20	20
Sandstone, yellow	50	70
U(C-1-4)11dad-1D. Log by Don Birchell. Alt. 6,732 ft.		
Old dug well	30	30
Cobbles	10	40
Cobbles and sand	10	50
Quicksand and gravel; water	25	75
Clay	7	82
U(C-1-4)19abc-1. Log by Uintah Basin Drilling Co. Alt. 6,857 ft.		
Sand	11	11
Boulders and sand	27	38
U(C-1-4)22aaa-1. Log by Klippel Bros. Alt. 6,615 ft.		
Soil	2	2
Boulders, cobbles, and sand; shallow water, 3 gal/min	34	36
Sandstone, medium	13	49
Boulders and sand	1	50
U(C-1-4)23daa-1. Log by Garnett Birchell. Alt. 6,570 ft.		
Cobbles	22	22
Sandstone, yellow	12	34
Clay, red	18	52
Shale, blue	98	150
Sandstone, yellow	13	163
Shale, blue	4	167
U(C-1-4)25cdb-4. Log by Uintah Basin Drilling Co. Alt. 6,414 ft.		
Clay	11	11
Sand and cobbles	32	43
Sand and boulders	27	70
Sand, gravel, and boulders	13	83
U(C-1-4)26dbb-1. Log by Klippel Bros. Alt. 6,457 ft.		
Soil	3	3
Cobbles, in clay	12	15
Cobbles, in sand	37	52
U(C-1-4)28dcc-1. Log by T. D. Erwin. Alt. 6,458 ft.		
Cobbles, cemented, very hard	40	40
Shale, sandy, gray	35	75
Shale, clayey, light gray	23	98
Shale, sandy, gray	14	112
Sandstone, gray; water, poor quality, about 8 gal/min	8	120
Shale, yellow	18	138
Shale, red	20	158
Sandstone, gray; caving	4	162
Shale, red	58	220
Sandstone, gray; caving	7	227
Shale, sandy, lavender	19	246
Sandstone, gray; caving	8	254
Shale, sandy, lavender	26	280
Shale, red	34	314
Sandstone, brown; some water, bad quality	14	328
Shale, sandy, red	24	352

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-1-4)28dcc-1. - Continued		
Sandstone, brown	10	362
Shale, sandy, gray	25	387
Sandstone, brown	6	393
Shale, sandy, red	7	400
Sandstone, brown	5	405
Shale, sandy, red	7	412
Sandstone, brown	17	429
Shale, sandy, red	3	432
Sandstone, gray	22	454
Shale, red	6	460
Sandstone, gray	12	472
Shale, sandy, red	16	488
Shale, clayey, red	33	521
Sandstone, brown	8	529
Shale, sandy, red	14	543
Sandstone, brown	4	547
Shale, sandy, red	27	574
Sandstone, brown	6	580
Shale, sandy, red	20	600
Note: Well completed at 61 ft because of poor quality of water at depth.		
U(C-1-4)31aca-1. Log by Uintah Basin Drilling Co. Alt. 6,650 ft.		
Boulders and clay	20	20
Sand and boulders	30	50
Shale	19	69
Sandstone and shale	131	200
Sandstone	110	310
Shale	10	320
U(C-1-4)31bda-1. Log by Uintah Basin Drilling Co. Alt. 6,665 ft.		
Boulders	55	55
Clay	8	63
Shale	47	110
Sandstone	5	115
Shale	25	140
Sandstone	5	145
Shale	105	250
Sandstone	5	255
Shale	45	300
Sandstone	10	310
Shale	130	440
U(C-1-5)9abb-1. Log by Uintah Basin Drilling Co. Alt. 7,150 ft.		
Soil	6	6
Sandstone	58	64
U(C-1-5)13aad-1. Log by Don Birchell. Alt. 7,008 ft.		
Clay, red	3	3
Conglomerate	7	10
Boulders, big	10	20
Boulders and quicksand	10	30
Quicksand and gravel	5	35
Clay, red	10	45
Clay, yellow	15	60
Sandstone, white, fine; water	15	75
Clay, yellow	10	85
U(C-1-5)13abc-1. Log by Uintah Basin Drilling Co. Alt. 7,100 ft.		
Boulders	20	20
Shale	40	60
Sandstone and shale	28	88
Sandstone	12	100
U(C-1-5)13ada-3. Log by Lyman Well. Alt. 7,007 ft.		
Cobbles	33	33
Clay, yellow	6	39
Sandstone	1	40
Clay, red	23	63
Sandstone; water, some clay	3	66
Clay, blue	37	103
Sandstone, gray	9	112
Clay, black	48	160
Clay, blue	38	198
Sandstone	20	218
Clay, red	6	224
Clay, gray	76	300
Sandstone; water	26	326
Clay, blue	41	367
U(C-1-5)22cda-1. Log by Garnett Birchell. Alt. 6,880 ft.		
Clay	20	20
Sandstone	25	45
Clay	40	85
Sandstone	23	108
Clay	5	113
Sand and gravel; no water	8	121
Clay	35	156
Sandstone	29	185
Clay	16	201
Sand, white; water	18	219
U(C-1-5)26ccc-2. Log by Uintah Basin Drilling Co. Alt. 6,415 ft.		
Shale	20	20
Sandstone	18	38
U(C-1-5)26ccc-2. - Continued		
Shale	85	123
Sandstone, interbedded with shale ("strips")	77	200
U(C-1-5)33adb-1. Log by Uintah Basin Drilling Co. Alt. 6,895 ft.		
Shale	10	10
Sandstone	1	11
Shale	24	35
Sandstone	5	40
Shale	20	60
Sandstone	2	62
Shale	23	85
Sandstone	5	90
Shale, blue	110	200
Note: Well finished at 120 ft.		
U(C-1-5)35aca-1. Log by Garnett Birchell. Alt. 6,740 ft.		
Soil	2	2
Ledge rock (sandstone)	6	8
Clay	53	61
Sandstone, yellow; water	14	75
Clay, below 75 ft.		
U(C-1-5)36cab-1. Log by Uintah Basin Drilling Co. Alt. 6,687 ft.		
Cobbles	17	17
Shale	16	33
Sandstone	7	40
Shale	50	90
Sandstone; water	30	120
Shale	40	160
Sandstone; water	10	170
Shale	10	180
Note: Completed at 177 ft.		
U(C-1-7)19dbd-1. Log by Uintah Basin Drilling Co. Alt. 6,675 ft.		
Clay	30	30
Cobbles	5	35
Conglomerate	30	65
Shale, red	75	140
U(C-1-7)32acd-1. Log by Uintah Basin Drilling Co. Alt. 6,530 ft.		
Topsoil, sand, clay, and gravel	10	10
Clay, red, and broken rock	42	52
Gravel	8	60
Sand and gravel; water	2	62
Shale, red	8	70
Sandstone, red	1	71
Clay, red	7	78
Sandstone, gray	2	80
Shale, red, with soft white sandstone ledges from 6 in. to 1 ft thick at intervals of 4-6 ft	90	170
Puddingstone, gray	4	174
Clay, red, and ledge boulders	8	182
Puddingstone, gray	8	190
Shale, red, and ledge boulders	10	200
Puddingstone, gray	4	204
Sand; water	2	206
Quicksand; drilled to foot and stopped drilling	2	208
U(C-1-8)3ddc-1. Log by Garnett Birchell. Alt. 6,940 ft.		
Clay, silt, sand, and bedrock	115	115
Sandstone, brown	10	125
Limestone, hard	3	128
Sand and gravel	2	130
U(C-1-8)4bdd-1. Log by B. B. Gardner. Alt. 6,875 ft.		
Clay, sandy, red	10	10
Clay, brown, gravel, and boulders	40	50
Gravel; water	2	52
Clay, brown, and boulders	17	69
Clay, red, and gravel	9	78
Clay, brown, sand, and gravel	9	87
Clay, brown, sand, and boulders	8	95
Sand and gravel; water	18	113
Gravel; water	1	114
Conglomerate and gravel; water	34	148
Clay and sand	4	152
Boulders; water	7	159
Conglomerate; water	19	178
Boulders; water	4	182
Conglomerate; water	11	193
U(C-1-8)10dda-2. Log by Uintah Basin Drilling Co. Alt. 6,750 ft.		
Clay	10	10
Clay and boulders	8	18
Sand and boulders	52	70
U(C-1-8)11cdc-2. Log by H. M. Robinson and Son. Alt. 6,745 ft.		
Clay, red	18	18
Gravel and boulders	60	78
Clay, blue	13	91
Sand, fine; little water	4	95
U(C-1-8)11cdc-2. - Continued		
Clay, blue	94	189
Sand, fine	3	192
Clay, blue	61	253
Sand, fine	4	257
Clay, blue	3	260
Sand, fine	30	290
Gravel, fine; water 10 gal/min	4	294
Clay, blue	68	362
Sand, fine	29	391
Clay, blue	14	405
Sand, gray	27	432
Clay, blue	190	622
Sand; small amount of gas	14	636
Clay, light-gray	116	752
Note: Well plugged back to 575 ft.		
U(C-1-8)11ddc-2. Log by Uintah Basin Drilling Co. Alt. 6,755 ft.		
Clay and boulders	8	8
Boulders and sand	47	55
Boulders, cobbles, and sand	15	70
Cobbles and sand	20	90
Cobbles, gravel, and sand	7	97
U(C-1-8)12cdb-1D. Log by Uintah Basin Drilling Co. Alt. 6,870 ft.		
Clay, brown	26	26
Sandstone, brown	45	71
Sandstone, gray	7	78
Sandstone	44	122
U(C-2-1)2cbc-1. Log by Garnett Birchell. Alt. 5,138 ft.		
Soil	3	3
Silt, sand, and conglomerate	13	16
Clay, red	22	38
Rock, red, hard	7	45
Clay, red	60	105
Rock, red, hard	13	118
Clay, red, with thin layers of blue shale	52	170
Sand, red, soft	15	185
Rock, light, hard	5	190
Sand, brown; water	3	193
Clay, red	7	200
U(C-2-1)7bbd-1. Log by Uintah Basin Drilling Co. Alt. 5,270 ft.		
Clay and sand, red	15	15
Clay and red sandstone	28	43
Clay, red	38	81
Clay, red, and small sandstone	119	200
Silt, red, and sand; some water	3	203
Clay, red	108	311
Clay, red, and small sandstone	47	358
Sandstone, red	51	409
Silt, red, and sand; water increased	4	413
Clay, red	60	473
Clay, red, and small sandstone	217	690
Sandstone, red	20	710
Silt, red, and sand; water increased	4	714
Clay, red	113	827
Clay, sandy, red	48	875
Sand, red; water increased	5	880
Clay, red	15	895
U(C-2-1)8acd-1. Log by Uintah Basin Drilling Co. Alt. 5,228 ft.		
Sandstone, red	100	100
Shale, blue	70	170
Shale, red	25	195
Sandstone, red	21	216
U(C-2-1)9dad-1. Log by Uintah Basin Drilling Co. Alt. 5,136 ft.		
Clay and sand	19	19
Shale, red	28	47
Sandstone	5	52
Shale, red	37	89
Sandstone	12	101
Shale, red	83	184
Sandstone	7	191
Shale, red	73	264
Sandstone	20	284
Shale, red	185	469
Sandstone	17	486
Shale, red	239	725
Sandstone	15	740
U(C-2-1)11dcc-1. Log by J. C. Zimmerman. Alt. 5,085 ft.		
Clay and soil	12	12
Sandstone	3	15
Clay, brown	15	30
Shale, red, hard	10	40
Clay, yellow	5	45
Shale, red	15	60
Rock, red	8	68
Sandstone; water ½ gal/min	4	72
Clay, red	33	105
Shale, sandy	5	110
Clay, brown	30	140
Shale, red	70	210

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-2-1)11dcc-1. - Continued		
Clay, yellow	20	230
Shale, red	25	255
Clay, red	28	283
Sandstone; water, 6 gal/min	7	290
Clay, red	5	295
U(C-2-1)12aca-1. Log by Uintah Basin Drilling Co. Alt. 5,170 ft.		
Clay and sandstone	25	25
Clay	75	100
Shale	260	360
Sandstone	2	362
Shale	398	760
Note: Yield insufficient to supply oil-test drilling water; plugged with clay.		
U(C-2-1)14cdc-1. Log by Uintah Basin Drilling Co. Alt. 5,049 ft.		
Clay and sand	55	55
Shale	185	240
Sandstone	320	560
U(C-2-1)14cdb-1. Log by J. C. Zimmerman. Alt. 5,042 ft.		
Clay and cobblerock	4	4
Clay, brown	15	19
Sandstone, red; 8-in. casing at 20 ft	5	24
Shale, brown	67	91
Sandstone, red	2	93
Shale, brown	77	170
Sandstone, red; water to drill with	6	176
Shale, brown	59	235
Clay, red, soft	10	245
Sandstone, gray	3	248
Shale, brown, hard	27	275
Sandstone, red	3	278
Shale, brown	67	345
Shale, yellow	25	370
Shale, brown	27	397
Shale, yellow	24	421
Sandstone, gray	6	427
Shale, yellow	25	452
Shale, light-green	13	465
Shale, red	22	487
Sandstone, red	4	491
Shale, red, hard	26	517
Shale, blood-red	3	520
Shale, brown	30	550
Sandstone, yellow; salt water	22	572
Shale, pink	5	577
Shale, brown, hard	18	595
Shale, red	16	611
Shale, brown	29	640
Shale, red	20	660
Sandstone, white; water, 5 gal/min, 33 lbs. pressure	7	667
U(C-2-1)14cdb-2. Log by J. C. Zimmerman. Alt. 5,044 ft.		
Clay, red, hard	20	20
Clay, red, soft; water, cased off	5	25
Clay, red	15	40
Clay, brown	45	85
Clay, red	70	155
Sandstone, red; water, 3½ gal/min	18	173
Shale, red	7	180
U(C-2-1)14dcc-1. Log reported by owner. Driller unknown. Alt. 5,038 ft.		
Clay, red	54	54
Sandstone	12	66
Shale	15	81
Clay, red	60	141
Sandstone	7	148
Clay, red	78	226
Sandstone; water	14	240
Clay, red	23	263
Shale	12	275
Clay, red	18	293
Sandstone	3	296
Shale	9	305
Clay, red	34	339
Sandstone	8	347
Lava*	4	351
Sandstone	11	362
Clay, red	26	388
Lava*	8	396
Clay, red	14	410
*Note: Material could be gilsonitic, but probably is very dark, compact siltstone.		
U(C-2-1)15cac-1. Log by J. C. Zimmerman. Alt. 5,081 ft.		
Clay, brown	9	9
Cobblestone and sand; water	7	16
Shale, red	16	32
Clay, red	16	48
Sandstone, red	3	51
Shale, red	29	80
Sandstone, red, hard	5	85
Shale, red	27	112
Shale, red, hard	6	118
U(C-2-1)15cac-1. - Continued		
Clay, red	19	137
Shale, red	12	149
Sandstone, red	6	155
Shale, red	12	167
Shale, sandy, red	29	196
Sandstone, gray	16	212
Shale, red	9	221
Clay, red	21	242
Clay, pink	2	244
Talc, blue	2	246
Shale, brown	20	266
Sandstone, red	9	275
Shale, brown	47	322
Shale, sandy, brown	4	326
Shale, brown	14	340
Clay, brown	12	352
Shale, brown	8	360
Sandstone, gray	12	372
Shale, brown	11	383
Sandstone, red	3	386
Shale, brown	17	403
Sandstone, gray	3	406
Shale, brown	28	434
Clay, yellow	21	455
Shale, brown	5	460
Sandstone, red	8	468
Clay, brown	12	480
Shale, brown	25	505
Sandstone, red	4	509
Shale, brown	7	516
Clay, white	17	533
Clay, red	2	535
Shale, brown	24	559
Shale, brown, soft	8	567
Shale, brown	6	573
Rock, blue cap	2	575
Sandstone, white	25	600
U(C-2-1)15ddc-1. Log by J. C. Zimmerman. Alt. 5,058 ft.		
Clay, sandy, red	5	5
Sand, red; shallow water	31	36
Sandstone, red	10	46
Clay, red	24	70
Sandstone, red	8	78
Shale, red	26	104
Sandstone, red	6	110
Shale, red	77	187
Sandstone, red	12	199
Shale, red	83	282
Sandstone, red	5	287
Shale, brown	61	348
Sandstone, gray; water, ½ gal/min	8	356
Shale, brown	61	417
Sandstone, brown	14	431
Shale, brown	89	520
Rock, red, hard	4	524
Shale, brown, soft	17	541
Caprock, blue, hard	7	548
Sandstone, white	9	557
No record	3	560
U(C-2-1)16bbb-1. Log by A. I. Sanders. Alt. 5,175 ft.		
Soil, sandy, heavy, with small amount of clay	10	10
Sand, fine; water, extremely hard to cave	10	20
Sandstone and cobblerocks; water	10	30
Clay, pale-red streaked with blue	10	40
Clay, blue, extremely sticky	240	280
Clay, red	330	610
Sandstone, pale-gray	5	615
Clay, red	40	655
Sand, white	25	680
Clay, red	5	685
U(C-2-1)16ddd-3. Log by Uintah Basin Drilling Co. Alt. 5,110 ft.		
Hardpan	11	11
Shale, red	11	22
Sandstone, red	9	31
Shale, red	63	94
Sandstone, red	13	107
Shale, red	36	143
Sandstone, red	24	167
Shale, red	278	445
Shale, red and blue	21	466
Sandstone, brown	3	469
Shale, brown	133	602
Shale, red and white, and sand	13	615
Shale, red with blue flakes	5	620
Note: Casing pulled and well filled with clay.		
U(C-2-1)17bbb-1. Log by J. C. Zimmerman. Alt. 5,162 ft.		
Sand	40	40
Gravel, loose; water	10	50
Clay, red	7	57
Sandstone, yellow	6	63
Shale, red	77	140
Flint rock	1	141
Clay, red	22	163
U(C-2-1)17bbb-1. - Continued		
Shale, red	16	179
Sandstone, red	12	191
Shale, red	123	314
Sandstone, red	9	323
Sandstone, white; water, 2/3 gal/min	1	324
Clay, red	36	360
Rock, red, very hard	3	363
U(C-2-1)18bbb-1. Log by J. W. Galloway. Alt. 5,180 ft.		
Sand	10	10
Sandstone	12	22
Clay, red	68	90
Sand, white; water	8	98
Clay, red, and boulders	132	230
Sand, white; water	6	236
Clay, red, and boulders	116	352
Sand, white; water	4	356
U(C-2-1)18cbb-2. Log by Uintah Basin Drilling Co. Alt. 5,143 ft.		
Sand	27	27
Clay	18	45
Sandstone	18	63
Clay, brown	52	115
Clay, blue-gray	35	150
Clay, red	70	220
Sandstone	14	234
Clay, red	71	305
Clay and sand	29	334
Sand, white; water	6	340
U(C-2-1)19bbb-1. Log by J. C. Zimmerman. Alt. 5,132 ft.		
Sand, windblown; water	35	35
Clay, red; water, rose to 3 ft below land-surface datum	20	55
Shale, red	12	67
Clay, red	8	75
Sandstone, black; water	1	76
Clay and shale, red	4	80
Clay, red	30	110
Sandstone, white; water, 10 gal/min	9	119
U(C-2-1)20dac-1. Log reported by owner. Driller unknown. Alt. 5,068 ft.		
Clay, red	50	50
Rock, red, hard	6	56
Clay, red	20	76
Clay, blue	16	92
Clay, yellow	18	110
Clay, white	6	116
Sandstone, white; water, 2 gal/min	8	124
Clay, red	22	146
Clay, brown	12	158
Clay, blue	8	166
Clay, red	16	182
Clay, white	8	190
Sandstone, white; water, 1 gal/min	4	194
Clay, red	16	210
Clay, brown	12	222
Clay, white	12	234
Sandstone, white; water, 7 gal/min	6	240
Clay, red	10	250
U(C-2-1)20dac-2. Log by Garnett Birchell. Alt. 5,068 ft.		
Topsoil	18	18
Clay, red	28	46
Sandstone, red	18	64
Clay, red	8	72
Rock, red, hard	13	85
Clay, light-yellow; some water	25	110
Shale, red	16	126
Sandstone, red	16	142
Shale, red	26	168
Shale, brown	24	192
Clay, red	8	200
Rock, red, hard	6	206
Shale, red	12	218
Clay, yellow	17	235
Sandstone, soft; water, 4 gal/min	11	246
Clay, yellow	14	260
Sandstone, red	11	271
Clay, yellow	14	285
Sand, light-brown; water	9	294
Sand, white; water, 11 gal/min	6	300
Shale, red, and clay	12	312
U(C-2-1)21aaa-1. Log by J. C. Zimmerman. Alt. 5,109 ft.		
Clay soil	3	3
Cobblerock	15	18
Clay, red	12	30
Shale, red	72	102
Clay, red	38	140
Sandstone, red	6	146
Shale, red	52	198
Sandstone, hard	3	201
Shale, red	14	215
Clay, brown	20	235
Shale, sandy	5	240

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-2-1)21aaa-1. - Continued		
Shale, brown	78	318
Sandstone, fine	16	334
Shale, red	16	350
Shale, brown	53	403
Clay, red	17	420
Shale, sandy	25	445
Clay, brown	20	465
Clay, yellow	10	475
Shale, brown	15	490
Clay, yellow	21	511
Sandstone, white; water, 2½ gal/min	24	535
Clay, brown	5	540
U(C-2-1)21ccd-1. Log by Garnett Birchell. Alt. 5,060 ft.		
Soil	3	3
Clay, red	27	30
Sandstone, yellow; salt water	16	46
Rock, light-brown, hard	24	70
Clay, red and yellow in streaks	24	94
Rock, light-brown, hard	12	106
Clay, red	46	152
Rock, light-red	13	165
Clay, red	35	200
Rock, red	46	246
Shale, red, hard	24	270
Sand, light-brown; water	3	273
Shale, red	8	281
Note: Casing cemented to 152 ft to shut off salt water; open hole, 152-281 ft.		
U(C-2-1)22bab-1. Log by J. C. Zimmerman. Alt. 5,087 ft.		
Dirt, red	1	1
Cobblestone	7	8
Shale, red	3	11
Sandstone, red	4	15
Clay, red	6	21
Shale, red	9	30
Sandstone, red	7	37
Clay, red	4	41
Shale, red	12	53
Sandstone, red	7	60
Shale, red	3	63
Sandstone, red	5	68
Shale, red	5	73
Clay, red	3	76
Shale, red	4	80
Sandstone, red; water stratum	18	98
Clay, red	19	117
Sandstone, red	2	119
Clay, red	5	124
Shale, red	9	133
Sandstone, red	4	137
Clay, red	17	154
Sandstone, red	3	157
Shale, red	10	167
Clay, blue	9	176
Clay, red	8	184
Sandstone, red, hard	8	192
Shale, sandy, red	5	197
Sandstone, red	2	199
Shale, brown	10	209
Sandstone, red, hard	11	220
Shale, red	37	257
Clay, red	3	260
Shale, sandy, red	6	266
Sandstone, red, hard	2	268
Shale, red	3	271
Shale	25	296
Clay and shale, brown	16	312
Sandstone, red, hard	3	315
Clay, brown	2	317
Sandstone, red, hard	4	321
Shale, brown	10	331
Sandstone, red, hard	2	333
Shale, brown	32	365
Clay, brown	9	374
Clay, red	1	375
Clay, yellow	6	381
Shale, clayey, red	12	393
Clay, brown	15	408
Sandstone, red, hard	2	410
Shale, red	6	416
Flintrock, red	2	418
Shale, red	15	433
Clay, brown	2	435
Shale, red	10	445
Shale, clayey, brown	5	450
Clay, brown	5	455
Shale, clayey, red	7	462
Sandstone, red, hard	5	467
Clay and shale, brown	5	472
Clay, red	5	477
Shale, red	2	479
Clay, red and blue	5	484
Clay, light-brown	13	497
Sandstone, red, fine	5	502
Shale, brown	5	507
Clay, blue	1	508
Sandstone, coarse, white; water, 6 gal/min	14	522
Clay, red	10	532
U(C-2-1)22bbb-1. Log by J. C. Zimmerman. Alt. 5,100 ft.		
Clay and soil, red	3	3
Cobblestones	10	13
Shale, red	57	70
Shale, brown	20	90
Shale, sandy, hard	30	120
Clay, red	20	140
Sandstone, red	30	170
Shale, brown	25	195
Shale, red	35	230
Shale, brown	40	270
Shale, red	45	315
Clay, red	15	330
Shale, brown	50	380
Clay, yellow	10	390
Shale, red	18	408
Clay, brown	7	415
Shale, red	45	460
Shale, brown	30	490
Clay, yellow	20	510
Sandstone, white; water, 3 gal/min	10	520
Shale, red	8	528
U(C-2-1)22bbc-1. Log by Water Supply Engineering. Alt. 5,100 ft.		
Soil and clay	3	3
Cobblestones	4	7
Clay, red, soft	5	12
Sandstone, shaly	5	17
Shale, red	9	26
Sandstone, red	10	36
Shale, red, and sandstone stringers	19	55
Shale, red, and sandy horizons	60	115
Shale, red	130	245
Shale, red, and sandy stringers	38	283
Shale, red	172	455
Shale, red, and sandy stringers	50	505
Sandstone, shaly, red	15	520
Sandstone, fine-grained; water	16	536
Sandstone, shaly, fine-grained, hard	64	600
Note: After drilling well was shot with 30 lbs. of 60% seismograph high-velocity dynamite in order to increase water production. Shooting caved hole below 550 ft.		
U(C-2-1)22bcb-1. Log by J. C. Zimmerman. Alt. 5,194 ft.		
Soil	2	2
Cobbles	7	9
Sandstone	8	17
Clay, red	17	34
Rock, hard	4	38
Clay, red	10	48
Sandstone, red	17	65
Shale, red	14	79
Clay, red	3	82
Shale, red	13	95
Talc, white	2	97
Sandstone, red	13	110
Clay, red	19	129
Rock, hard	5	134
Shale, red	4	138
Sandstone, red	17	155
Clay, red	37	192
Sandstone, sharp	2	194
Clay, red	7	201
Rock, hard	13	214
Clay, red	21	235
Rock, hard	5	240
Clay, red	10	250
Rock, hard	7	257
Clay, red	23	280
Clay, light-brown	25	305
Clay, red	30	335
Sandstone	20	355
Clay, brown	42	397
Sandstone, red, fine	18	415
Sand, coarse; water	6	421
Sandstone, hard	5	426
U(C-2-1)23aaa-1. Log by J. C. Zimmerman. Alt. 5,041 ft.		
Sandstone	2	2
Clay, red	28	30
Sandstone	1	31
Clay, red	116	147
Sandstone, medium-hard; water	10	157
Sand, very coarse; water	18	175
Clay, red	58	233
Clay, light-blue	1	234
U(C-2-1)23bbb-1. Log reported by U.S. Soil Conservation Service. Alt. 5,051 ft.		
Soil, sandy	10	10
Sand and clay, in layers; water	20	30
Clay, red	82	112
Not recorded	5	117
Sand, white, fine; water	4	121
Clay, red, hard	6	127
Clay, joint	26	153
Clay, pale-red	5	158
Sand and shale, in layers; no water	4	162
U(C-2-1)23bbb-1. - Continued		
Clay, joint	48	210
Clay, red	125	335
Shale, sandy, brown	47	382
Sandstone, red, hard	5	387
Clay, joint	23	410
Shale, green	6	416
Clay, yellow	59	475
Clay, joint	15	490
Sandstone, red; water	2	492
Shale, brown	23	515
Sandstone, brown	12	527
Clay, yellow	5	532
Sand, white; salt water	16	548
Clay, joint	27	575
Sand, white, fine	8	583
U(C-2-1)27bbb-1. Log by J. C. Zimmerman. Alt. 5,025 ft.		
Clay and sand, mixed	33	33
Cobblerock	9	42
Shale, brown	92	134
Sandstone, red	12	146
Shale, red	63	209
Sandstone, red	11	220
Shale, blue	2	222
Sandstone, red	8	230
Shale, red	16	246
Shale, gray	5	251
Shale, red	19	270
Sandstone, red	10	280
Shale, red	10	290
Sandstone, red	6	296
Clay	5	301
Flint rock, red	1	302
Shale, blue	16	318
Rock, red	5	323
Shale, blue	55	378
Clay, very heavy, pink	17	395
Clay, yellow	2	397
Clay, blue	18	415
Note: Completed at 42 ft. No water found below this zone.		
U(C-2-1)28bcb-1. Log reported by owner. Driller unknown. Alt. 5,042 ft.		
Sand	25	25
Shale, red	6	31
Clay, red, soft	11	42
Sandstone, hard; some water	6	48
Clay, brown	4	52
Rock, hard	13	65
Clay, red	5	70
Sandstone, brown; water, 1 qt/min	7	77
Clay, red	5	82
Shale, brown	16	98
Clay, red	10	108
Shale, red	25	133
Clay, red	17	150
Clay, white	1	151
Shale, red	24	175
Clay, red	10	185
Clay, brown	20	205
Shale, red	5	210
Clay, red, soft	50	260
Shale, red, hard	13	273
Clay, light-blue	17	290
Clay, blue with red streaks	10	300
Shale, blue	26	326
Quartz, gray	4	330
Clay, blue	7	337
Shale, blue, coarse	17	354
Clay, blue	27	381
Shale, blue	16	397
Clay, blue	15	412
Note: Blue clay in other regions through which good water was struck 300-326 ft. Only water at ± 70 ft.		
U(C-2-1)29acc-1. Log by Uintah Basin Drilling Co. Alt. 5,058 ft.		
Clay	7	7
Sandstone	12	12
Shale	24	43
Sandstone	14	57
Shale	11	68
Sandstone	10	78
U(C-2-1)29ddc-1. Log by J. C. Zimmerman. Alt. 5,050 ft.		
Soil, sandy	4	4
Clay, brown	31	35
Cobbles; water	10	45
Clay, red	3	48
U(C-2-1)30bbc-1. Log by J. C. Zimmerman. Alt. 5,128 ft.		
Sand	7	7
Clay, soft	18	18
Shale, hard	23	48
Sandstone	12	60
U(C-2-1)31dbc-1. Log by Uintah Basin Drilling Co. Alt. 5,107 ft.		
Sand and boulders	24	24
Sandstone, gray	8	32

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-2-1)35bbb-1. Log by J. C. Zimmerman. Alt. 4,995 ft.		
Clay, sandy, brown	12	12
Sand and gravel, salt water	44	56
Shale, red	9	65
Sandstone, red; water, 15 gal/min	5	70
Shale, blue	1	71
Shale, red	3	74
Sandstone, gray	2	76
Clay, brown	69	145
Shale, pink	27	172
Clay, blue	28	200
Note: Backfilled to 100 ft.		
U(C-2-2)1acd-1. Log by Garnett Birchell. Alt. 5,290 ft.		
Soil	3	3
Rock, brown	9	12
Clay, blue, with layers of red clay	59	71
Sandstone, red	17	88
Clay, red	17	105
Sandstone, brown, fine; water flowed 25 gal/min	2	107
Clay, red	21	128
Sandstone, light-red	6	134
Clay, red	31	165
Rock, brown, hard	7	172
Sand, light-brown; water flowing 8 gal/min	6	178
U(C-2-2)1cab-1. Log by Uintah Basin Drilling Co. Alt. 5,298 ft.		
Sandstone	3	3
Shale	17	20
Sandstone and shale	73	93
Shale	60	153
Sandstone	47	200
Shale	30	230
Sandstone	5	235
Shale	25	260
Sandstone	5	265
Shale	25	290
Sandstone	10	300
Shale	30	330
Sandstone	5	335
Shale	5	340
U(C-2-2)1dda-1. Log by G. W. Hunt. Alt. 5,255 ft.		
Clay and sand	48	48
Rock	7	55
Clay	10	65
Rock	2	67
Clay	6	73
Rock	7	80
Sandstone; water	2	82
Rock	3	85
Sand, dry	10	95
Note: At 95 ft, lost one-half of flow into dry sand; backfilled to 85 ft.		
U(C-2-2)2ccc-1. Log compiled by J. W. Hood from borehole geophysical logs, laboratory analysis of drill cuttings and driller's logs (see table 8 for analysis of samples). Alt. 5,458 ft.		
Shale, intercalated with sandstone. Beds 1 to 5 ft thick	97	97
Sandstone	2	99
Shale	2	101
Sandstone	4	105
Shale	5	110
Sandstone	2	112
Shale	3	115
Sandstone	3	118
Compact layer (either tightly cemented sandstone or dense shale)	2	120
Shale	4	124
Sandstone	3	127
Compact layer	1	128
Shale	4	132
Sandstone, very fine to fine-grained, with either compact layer or fracture at 138 ft. Sample 74UT15	8	140
Shale, with four intercalated beds of sandstone 0.5 to 2 ft thick	18	158
Sandstone	5	163
Shale	4	167
Sandstone	13	180
Shale	2	182
Sandstone, fine- to medium-grained, with thin bed of shale at 185 ft. Sample 74UT16	12	194
Shale, with thin sandstone (200-202 ft)	10	204
Sandstone. Sample 74UT17	5	209
Shale	3	212
Sandstone	6	218
Shale, with five intercalated beds of sandstone 0.5 to 1 ft thick	30	248
Sandstone	3	251
Shale	2	253
Sandstone	3	256
Shale	6	262
U(C-2-2)2ccc-1. - Continued		
Shale, intercalated with sandstone in ledge approx. 2 ft thick	20	282
Compact layer	2	284
Sandstone	2	286
Compact layer	2	288
Sandstone	4	292
Shale, with two thin layers of sandstone	9	301
Sandstone, fine- to medium-grained. Sample 74UT18	5	306
Shale, with very thin interbeds of sandstone	30	336
Sandstone, fine- to medium-grained, with very thin interbeds of shale. Sample 74UT19	24	360
Shale	2	362
Sandstone, fine- to medium-grained, with 3-ft interbed of shale. Sample 74UT20	12	374
Shale, with two thin interbeds of sandstone	9	383
Sandstone	3	386
Shale, with two thin interbeds of sandstone	9	395
Sandstone	6	401
Shale	6	407
Shale and sandstone in 0.5- to 2-ft beds	5	412
Sandstone, fine- to medium-grained, with thin interbeds of shale. Sample 74UT21	8	420
Compact layer	1	421
Sandstone	5	426
Shale, with three interbeds of sandstone	21	447
Sandstone	6	453
Shale	5	458
Sandstone	3	461
Shale	5	466
Sandstone	6	472
Shale	3	475
Sandstone	2	477
Shale	8	485
Sandstone	5	490
Shale	3	493
Sandstone	1	494
Shale, with two thin interbeds of sandstone	14	508
Sandstone	2	510
Shale, with thin interbeds of sandstone	13	523
Sandstone	3	526
Shale	8	534
Sandstone, with thin shaly sandstone interbeds	18	552
Shale, with very thin interbeds of sandstone	16	568
Sandstone, with very thin interbeds of shale and a 1-ft thick, very compact (cemented shale ?) at 578 ft.	20	588
Shale, with thin interbed of sandstone	14	602
Sandstone, fine- to medium-grained, with a few very thin interbeds of shale. Sample 74UT22	23	625
Shale, fractured (?), with thin interbeds of sandstone	8	633
Sandstone, fine- to medium-grained, with a few shale interbeds 0.5 to 2 ft thick. Sample 74UT23	33	666
Shale, with very thin interbed of sandstone	25	691
Sandstone, very fine to fine-grained, with 2-ft interbed of shale. Sample 74UT24	18	709
Shale	7	716
Sandstone	6	722
Shale	4	726
Sandstone	10	736
Shale	3	739
Sandstone	6	745
Shale	3	748
Sandstone, fine- to medium-grained with a few very thin interbeds of shale. Sample 74UT25	16	764
Shale, fractured(?) with a few very thin interbeds of sandstone	18	782
Sandstone	6	788
Shale	54	842
Sandstone, fine- to medium-grained, with a few interbeds of shaly sandstone. Sample 74UT26	12	854
Shale	4	858
Sandstone	3	861
Total depth logged		861
U(C-2-2)2ccd-1. Log by Uintah Basin Drilling Co. Alt. 5,424 ft.		
Shale, red, and strips of sandstone	70	70
Sandstone, with strips of red shale	280	350
Sandstone and red shale	425	775
U(C-2-2)2cdc-1. Log by Uintah Basin Drilling Co. Alt. 5,413 ft.		
Clay	10	10
Sandstone, red	11	21
Clay, red	27	48
Sandstone, red	13	61
Clay, red	43	104
Clay, red, and small sandstone	63	167
Sandstone, red; some water	13	180
Clay, red	30	210
Sand, red; increase in water	5	215
Clay, red, and sandstone	120	335
Clay, red	85	420
Sandstone, red	16	436
Sand, red; increase in water	4	440
Sandstone, red, and clay	85	525
Clay, red	55	580
Sand, red and white;increase in water	40	620
Clay, red	50	670
Sand, red and white;increase in water	35	705
Clay, red	20	725
Sand, red and white;increase in water	26	751
Clay, red	24	775
Sand, red and white;increase in water	28	803
Clay, red, and sandstone	62	865
Clay, black	60	925
U(C-2-2)3cad-1. Log by Uintah Basin Drilling Co. Alt. 5,503 ft.		
Clay	50	50
Shale, sandy	65	115
Sandstone	65	180
Shale	20	200
Sandstone and shale	100	300
U(C-2-2)5dba-1. Log by Uintah Basin Drilling Co. Alt. 5,739 ft.		
Sandstone and shale	110	110
Sandstone	130	240
Shale, red	15	255
Sandstone	45	300
Shale	52	352
Sandstone	8	360
Sandstone, with streaks of shale	96	456
U(C-2-2)8dbb-1. Log by Uintah Basin Drilling Co. Alt. 5,733 ft.		
Shale and rock	110	110
Sandstone	130	240
Shale	10	250
Sandstone	40	290
Shale	60	350
Sandstone	190	540
U(C-2-2)12aad-1. Log by Uintah Basin Drilling Co. Alt. 5,285 ft.		
Clay	14	14
Sandstone	17	31
Sandstone and shale	76	107
Shale	273	380
Sandstone	20	400
Sandstone and shale, interbedded	257	657
Sandstone	13	670
Shale	270	940
U(C-2-2)12acd-1. Log by Uintah Basin Drilling Co. Alt. 5,282 ft.		
Clay, with layers of sandstone	80	80
Shale, red	290	370
Sandstone, hard	30	400
Shale and sandstone; water at 435, 600, and 650 ft.	300	700
U(C-2-2)12bbb-1. Log by Uintah Basin Drilling Co. Alt. 5,349 ft.		
Sandstone	21	21
Shale, red	21	42
Sandstone	13	55
Shale, red	456	511
Sandstone	17	528
Shale, red	92	620
Sandstone, gray	21	641
Shale, red	110	751
Sandstone, red	22	773
Shale, red	27	800
U(C-2-2)13baa-1. Log by J. C. Zimmerman. Alt. 5,220 ft.		
Sand and clay	6	6
Gravel	3	9
Clay, red	6	15
Sandstone	3	18
Clay, red	27	45
Sandstone	13	58
Clay, red	17	75
Sandstone, red	4	79
Clay, red	35	114
Sandstone	9	123
Clay, red	29	152
Clay, blue	4	156
Clay, brown	16	172
Sandstone, red	20	192
Sandstone, white; water	13	205

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-2-2)13ccc-1. Log reported by owner. Driller unknown. Alt. 5,215 ft.		
Clay, red	10	10
Rock, red, hard	4	14
Clay, red	12	26
Clay, brown	14	40
Rock, red, hard	12	52
Clay, red	16	68
Sandstone, white, fine; water, 0.5 gal/min	5	73
Clay, red	9	82
Clay, blue	12	94
Clay, yellow	12	106
Clay, white	10	116
Sandstone, white, coarse; water, 7.5 gal/min	5	121
U(C-2-2)13daa-1. Log by Joe Johnson. Alt. 5,148 ft.		
Clay, red	52	52
Rock, hard	2	54
Clay, red	32	86
Clay, brown	26	112
Clay, blue	28	140
Clay, yellow	16	156
Rock, hard	6	162
Clay, red	30	192
Clay, brown	8	200
Clay, white	10	210
Sandstone; water, 1 gal/min	8	218
Clay, red	42	260
Clay, brown	16	276
Clay, blue	14	290
Clay, yellow	20	310
Clay, white	20	330
Sandstone; water, 10 gal/min	10	340
Clay, red	10	350
U(C-2-2)13ddc-1. Log by J. C. Zimmerman. Alt. 5,142 ft.		
Soil, sandy	5	5
Quicksand	15	20
Clay, red, hard	5	25
Clay, red	10	35
Shale, red	3	38
Clay, brown	27	65
Clay, red	5	70
Sand, black	5	75
U(C-2-2)14add-1. Log by J. C. Zimmerman. Alt. 5,225 ft.		
Clay, red	9	9
Sandstone	2½	11½
Shale, red	7½	19
Sandstone, light	5	24
Shale, red	30	54
Sandstone, red	1	55
Shale, red	25	80
Clay, yellow	13	93
Shale, red	1	94
Clay, red	6	100
Shale, red	37	137
Clay, light	6	143
Clay, brown	42	185
Sandstone, black	2	187
Clay, red	20	207
Shale, brown	12	219
Sandstone, white; water, 15 gal/min	10	229
U(C-2-2)14dbb-1. Log by J. C. Zimmerman. Alt. 5,290 ft.		
Clay, red	23	23
Clay, white	24	47
Clay, red	6	53
Clay, white	2	55
Clay, brown	35	90
Sandstone; water, 8 gal/min	10	100
Clay, red	30	130
Clay, brown	27	157
Sandstone, white	2	159
Clay, red	33	192
Sandstone; water, total flow 30 gal/min	8	200
Clay, brown	17	217
Sandstone, white	3	220
Sandstone, coarse; water, total flow 35 gal/min	12	232
Clay, red	4	236
Clay, light	10	246
Clay, red	9	255
Clay, brown	20	275
Sandstone, rusty, yellow	5	280
Sandstone, white; water, total flow 60 gal/min	20	300
Clay, red	12	312
Clay, yellow	18	330
Clay, white	5	335
Sandstone; water, total flow 90 gal/min	25	360
Clay, red	1	361
Sandstone	4	365
U(C-2-2)14dbb-1. - Continued		
Clay, red	10	375
Sandstone	7	382
Clay, red	1	383
Sandstone	5	388
Clay, red	1	389
Sandstone	3	392
Clay	1	393
Sandstone	1	394
Clay	30	424
Clay, yellow	31	455
Sandstone; water, total flow 100 gal/min	8	463
Clay, blue	1	464
Clay, brown	31	495
Clay, light	17	512
Clay, blue	5	517
Clay, light	8	525
Sandstone, fine	5	530
Clay, sticky, blue	120	650
U(C-2-2)14dbb-2. Log by J. C. Zimmerman. Alt. 5,300 ft.		
Clay, red	12	12
Sandstone, red, hard	18	30
Sand, white; water, 1 gal/min	6	36
Rock, hard	6	42
Sand, white	4	46
Sandstone, red	6	52
Clay, brown	10	62
Rock, hard	3	65
Clay, variegated	9	74
Clay, brown	16	90
Rock, hard	10	100
Sandstone, hard	30	130
Clay, brown	15	145
Sandstone, hard	5	150
Clay, brown	5	155
Sandstone, hard	10	165
Shale, clayey	7	172
Clay, light	8	180
Clay, blue	14	194
Talc, sandy, white	6	200
Sandstone, fine	8	208
Clay, red	2	210
Clay, brown	60	270
Clay, sandy, white; water, 6 gal/min	10	280
Clay, blue, and sand	12	292
Sand, white	2	294
Clay, sticky, blue	1	295
Sandstone, white; water, 18 gal/min	9	304
Clay, red	2	306
Sandstone, brown	9	315
Sandstone, yellow	5	320
Clay, yellow	5	325
Sandstone, brown	3	328
Conglomerate, hard	10	338
Clay, blue	14	352
Sandstone	12	364
U(C-2-2)23acb-1. Log by J. C. Zimmerman. Alt. 5,255 ft.		
Clay, sandy	3	3
Sandstone, white	4	7
Clay, red	58	65
Sandstone, gray	5	70
Clay, red	88	158
Clay, brown	140	298
Sandstone, white; water, 35 gal/min	27	325
Clay, white	10	335
Clay, blue	65	400
U(C-2-2)23bac-1. Log by W. Wall. Alt. 5,325 ft.		
Clay, red	10	10
Sandstone, red	4	14
Clay, red	16	30
Rock, brown	2	32
Clay, yellow	8	40
Clay, blue	12	52
Clay, brown	8	60
Clay, red	12	72
Clay, white	8	80
Clay, red	6	86
Sandstone, white; water, 3 gal/min	8	94
Clay, red	22	116
Clay, white	8	124
Clay, blue	14	138
Clay, gray	12	150
Sandstone, white; water, 4 gal/min	8	158
Clay, red	16	174
Clay, yellow	12	186
Clay, brown	16	202
Clay, light-gray	10	212
Sandstone, white; water, 6 gal/min	10	222
Clay, red	34	256
Clay, brown	8	264
Clay, red	12	276
Clay, light-gray	8	284
Sandstone, white; water, 17 gal/min	8	292
Clay, red	16	308
U(C-2-2)23bbd-1. Log reported by owner. Driller unknown. Alt. 5,355 ft.		
Clay, red	30	30
U(C-2-2)23bbd-1. - Continued		
Clay, brown	18	48
Clay, blue	8	56
Clay, red	16	72
Clay, brown	14	86
Clay, blue	18	104
Clay, yellow	15	119
Clay, white	5	124
Sandstone	4	128
Clay, red	24	152
Clay, blue	14	166
Clay, brown	12	178
Clay, yellow	14	192
Clay, white	6	198
Sandstone; water, 5 gal/min	6	204
Clay, red	42	246
Clay, brown	16	262
Clay, blue	18	280
Clay, red	14	294
Clay, brown	6	300
U(C-2-2)23bdb-2. Log reported by owner. Driller unknown. Alt. 5,315 ft.		
Clay, red	10	10
Sandstone	4	14
Clay, red	18	32
Clay, brown	14	46
Clay, red	12	58
Clay, blue	14	72
Clay, red	18	90
Sandstone; water, 4 gal/min	6	96
Clay, red	22	118
Clay, brown	23	141
Clay, yellow	17	158
Clay, white	12	170
Sandstone, water, 6 gal/min	8	178
Clay, red	16	194
Clay, blue	18	212
Clay, brown	22	234
Clay, yellow	8	242
Clay, white	6	248
Sandstone; water, 17 gal/min	8	256
Clay, red	12	268
U(C-2-2)29ccc-1D. Log by J. G. Lee Drilling Co. and Uintah Basin Drilling Co. Alt. 5,443 ft.		
Sand, pink	4	4
Sand and boulders	41	45
Clay, gray	4	49
Clay, gray, and gravel	6	55
Shale, gray, hard	11	66
Clay, gray	3	69
Shale, gray, hard	23	92
Clay, with shale streaks	51	143
Shale, gray, and sandstone	8	151
Clay and sandstone lenses	49	200
Sandstone and shale	45	245
U(C-2-2)30ddd-1. Log by Uintah Basin Drilling Co. Alt. 5,453 ft.		
Sand	7	7
Boulders and sand	39	46
Clay and shale	68	114
Sandstone	6	120
Shale	4	124
Sandstone	4	128
Shale	5	133
Sandstone	2	135
Shale	10	145
Sandstone	10	155
Shale	7	162
Sandstone	3	165
Sand and shale	5	170
Shale, sandy	10	180
Shale	20	200
U(C-2-2)31aaa-1. Log by Uintah Basin Drilling Co. Alt. 5,450 ft.		
Sand	11	11
Boulders	36	47
Clay	60	107
Sandstone; water	13	120
Rock and shale strips; water	55	175
U(C-2-2)33dcc-1. Log by T. D. Erwin. Alt. 5,353 ft.		
Cobbles, cemented	15	15
Shale, light-yellow, decomposed	9	24
Shale, blue-gray, hard, muddy; 18 gal/min flow of poor-quality water at 42 ft; cased off to 60 ft	36	60
Shale, blue-gray, very hard; slightly better quality water began flowing at 65 ft and increased to 40 gal/min at 70 ft	10	70
Shale, light-gray, medium hard; flow increased; set casing down 83½ ft.	25	95
Shale, blue-gray, very hard; crevice at 95 to 97 ft yielded 275 gal/min of flowing water	5	100
Shale, light-gray, medium soft; flow was 300 gal/min of salty water at 105 ft and quality improved as water cleared	27	127

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-2-2)34dcc-1. Log by J. C. Zimmerman. Alt. 5,283 ft.		
Cobblerock	20	20
Clay, yellow	12	32
Shale, blue	15	47
Clay, blue	7	54
Shale, blue	16	70
Sandstone, black; water, 15 gal/min	5½	75½
Clay, blue	2½	78
U(C-2-3)6baa-1. Log by Garnett Birchell. Alt. 6,258 ft.		
Topsoil	3	3
Hardpan	9	12
Cobbles	28	40
Sand and gravel	10	50
U(C-2-3)14cca-1. Log by Garnett Birchell. Alt. 5,965 ft.		
Sand and silt	14	14
Clay, red	21	35
Sandstone, light-brown	6	41
Clay, red	21	62
Sandstone, red	8	70
Sandstone, light-brown, and sand; water	11	81
Clay	10	91
Note: Cased to 19 ft.		
U(C-2-3)17dbb-1. Log by Uintah Basin Drilling Co. Alt. 6,020 ft.		
Shale, red	50	50
Sandstone	20	70
Shale, red	10	80
U(C-2-3)21bab-1. Log by Uintah Basin Drilling Co. Alt. 5,890 ft.		
Sand	4	4
Sandstone	11	15
Shale, hard	8	23
Sandstone	32	55
Shale, hard	16	71
Sandstone	32	103
Shale, hard	8	111
Sandstone	9	120
U(C-2-3)25daa-1. Log by Garnett Birchell. Alt. 5,565 ft.		
Soil	3	3
Clay, blue	69	72
Rock, hard	1	73
Clay, blue	2	75
Sandstone, black; water, static level 8 ft	2	77
Clay, blue	137	214
Rock, hard	3	217
Sandstone, black; water flowed 8 gal/min	1	218
Clay, blue	13	231
Sandstone; water, flowed 31 gal/min	4	235
No record (clay ?)	4	239
U(C-2-3)26daa-1. Log by Garnett Birchell. Alt. 5,601 ft.		
Soil	6	6
Gravel; water	74	80
Blue shale at 80 ft.		
U(C-2-3)27cbb-3. Log by Garnett Birchell. Alt. 5,754 ft.		
Topsoil	2	2
Sand, gravel, and cobbles, mixed	30	32
Note: Well still in sand and gravel.		
U(C-2-3)28daa-1. Log by C. J. Neal. Alt. 5,758 ft.		
Soil	1	1
Conglomerate; dry	9	10
Cobblerock and sand; water	40	50
Quicksand	6	56
Shale, blue	34	90
Sandstone; water	5	95
Gumbo, blue; mud	105	200
U(C-2-3)29add-1. Log by J. T. Juhan. Alt. 5,670 ft.		
Sand	9	9
Shale, gray-green	26	35
Shale, gray, hard	30	65
Sand	7	72
Lime, blue	11	83
Sand	7	90
Shale, green	5	95
Sand	15	110
Lime, blue	5	115
Sand, gray; water	13	128
Shale, sandy	72	200
U(C-2-3)33cdd-1. Log by Uintah Basin Drilling Co. Alt. 5,530 ft.		
Clay and sand	10	10
Cobbles and boulders	10	20
Cobbles and gravel	16	36
Shale, blue	30	66
Shale, red	4	70
Shale, brown	20	90
Sandstone	4	94
Shale, brown	56	150
Sandstone	4	154
Shale, brown	58	212
Sandstone	4	216
Shale, brown	54	270
Shale, brown, hard	20	290
Sandstone	4	294
Shale, brown	56	350
U(C-2-3)36ddd-1. Log by Garnett Birchell. Alt. 5,524 ft.		
Cobbles, sand, and gravel	41	41
Clay, sand; water	7	48
Clay	18	66
Ledge rock; water	5	71
Note: Clay below 71 ft.		
U(C-2-4)1ddd-2. Log by Uintah Basin Drilling Co. Alt. 6,193 ft.		
Clay, sand, and boulders	20	20
Sand and boulders	11	31
U(C-2-4)3cbb-1. Log by Garnett Birchell. Alt. 6,395 ft.		
Hardpan (hand dug)	24	24
Sand and gravel	12	36
Clay, red	4	40
U(C-2-4)31abd-1. Log by Uintah Basin Drilling Co. Alt. 6,090 ft.		
Sand	49	49
Sandstone	56	105
Sandstone and shale	375	480
Sandstone	20	500
Shale, blue	20	520
Shale	20	540
Note: Completed at 525 ft.		
U(C-2-4)34aad-1. Log by Uintah Basin Drilling Co. Alt. 6,285 ft.		
Shale and sandstone	500	500
Shale, sandy	400	900
Sandstone, with some shale	100	1,000
U(C-2-5)2bbc-1. Log by Walter Wall. Alt. 6,805 ft.		
Soil and clay; water	26	26
"Ledge," hard, dry	12	38
Sand, hard; water	2	40
Sandstone	26	66
Sand; water, good, rose to 12 ft	4	70
Clay, red, heavy	65	135
Sandstone, very hard	65	200
Sand; water, did not rise	30	230
Clay, heavy	10	240
Sandstone and shale, alternating	25	265
Sand; water	10	275
Shale and sandstone, alternating	28	303
U(C-2-5)21ccb-1. Log by Uintah Basin Drilling Co. Alt. 5,960 ft.		
Clay and sand	11	11
Sand and cobbles	38	49
Shale, red	41	90
Sandstone	24	114
Shale, red	12	126
Sandstone	8	134
Shale, red	35	169
Sandstone	12	181
U(C-2-5)27aca-1. Log by Uintah Basin Drilling Co. Alt. 6,050 ft.		
Clay	15	15
Clay and sandstone	45	60
Shale, red and blue	60	120
Shale, blue	120	240
Shale, red	180	420
Sandstone, red	320	740
U(C-2-5)27ccc-2. Log by Klippel Bros. Alt. 5,850 ft.		
Soil	4	4
Sand and soft sandstone	12	16
Cobbles in clay	10	26
Cobbles in sand	6	32
Cobbles in clay	4	36
Sand; water	11	47
U(C-2-5)28cda-1. Log by Klippel Bros. Alt. 5,935 ft.		
Soil	18	18
Clay, yellow	16	34
Sandstone	4	38
Shale, red	2	40
Sandstone, soft	17	57
Shale, brown	12	69
Shale, brown and gray, interbedded	11	80
Shale, brown	23	103
Shale, sandy, gray	8	111
Shale, red	10	121
Sandstone, red	9	130
Sandstone; water bearing	20	150
U(C-2-5)29bbd-1. Log by B. F. Klippel. Alt. 5,955 ft.		
Soil	2	2
Cobbles in sand	21	23
Sand and clay in layers	7	30
Sand	25	55
Shale	1	56
U(C-2-5)34abb-2. Log by Uintah Basin Drilling Co. Alt. 5,852 ft.		
Sand and boulders	60	60
Shale	40	100
Rock and shale	100	200
U(C-2-6)14dbc-1D. Log by Klippel Bros. Alt. 6,070 ft.		
Soil	19	19
Sandstone	7	26
Clay, sandy	15	41
Gravel; water	9	50
Limestone, white chalk	20	70
Sand; water	25	95
Shale, red	34	129
Sand; brackish water	46	175
Note: Well cemented back to 95 ft.		
U(C-2-6)18cda-1. Log by Klippel Bros. Alt. 6,225 ft.		
Soil	12	12
Sand, with layers of sandstone	5	17
Cobbles in clay	8	25
Sand; water	18	43
Sandstone	1	44
U(C-2-6)24baa-1. Log by Klippel Bros. Alt. 6,025 ft.		
Soil	2	2
Sand, loose, medium	12	14
Clay, sandy	7	21
Gravel, coarse; water	11	32
U(C-2-7)10acb-1. Log by Klippel Bros. Alt. 6,405 ft.		
Soil	12	12
Sandstone	6	18
Gravel, loose pea	8	26
Sandstone, medium-grained	54	80
Sandstone, coarse; water rose to 70 ft, 4 gal/min	9	89
Shale, red	30	119
Shale, gray	4	123
Shale, sandy, red	27	150
U(C-2-7)13dbc-1. Log by Uintah Basin Drilling Co. Alt. 6,250 ft.		
Clay	5	5
Sand and boulders	36	41
Sandstone	23	64
Shale	7	71
Sandstone	18	89
Shale	11	100
U(C-2-8)25ada-1. Log by Uintah Basin Drilling Co. Alt. 6,920 ft.		
Sand	16	16
Sandstone and shale	24	40
Sandstone	70	110
Shale, sandy	40	150
Sand	40	190
Sandstone, wet	25	215

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-2-8)25ada-1. - Continued		
Shale	85	300
Shale, hard	100	400
Sandstone	100	500
Sandstone, wet	40	540
Sandstone, interbedded with shale	100	640
Note: Abandoned and filled with clay.		
U(C-2-10)20aac-1. Log by J. S. Lee and Sons. Alt. 7,650 ft.		
Boulders	46	46
Conglomerate	54	100
U(C-3-1)6dbb-1. Log by J. C. Zimmerman. Alt. 5,271 ft.		
Soil	3	3
Cobblerock; water	19	22
Clay, light	8	30
Clay, light-yellow	22	52
Clay, gray	15	67
Shale, yellow; water	5	72
Clay, blue	143	215
Shale, blue, hard	5	220
Clay, blue	5	225
U(C-3-1)15aba-1. Log by J. C. Zimmerman. Alt. 5,065 ft.		
Soil, sandy, white	55	55
Clay, blue	30	85
Shale, sandy, blue	20	105
Clay, blue, and sand; water, 5 gal/min	43	148
Shale, gray	42	190
Clay, blue	30	220
Shale, blue	40	260
Shale, sandy, blue	25	285
Clay, blue	15	300
U(C-3-1)29cdd-1. Log by R. F. Klippel. Alt. 5,045 ft.		
Soil	2	2
Cobbles; water	10	12
Sand and gravel	39	51
U(C-3-2)3aad-1. Log by T. D. Erwin. Alt. 5,262 ft.		
Previously drilled; salt water	165	165
Shale, blue-gray, medium hard	20	185
Shale, sandy, gray, hard	10	195
Shale, blue-gray, medium hard	26	221
Shale, sandy, light-gray, hard; water 10 gal/min	4	225
Shale, blue-gray, medium hard	102	327
Shale, sandy, light-gray, hard; water increase 20 gal/min	5	332
Shale, blue-gray	10	342
Shale, gray, hard	18	360
Shale, lavender	8	368
Shale, gray, medium hard	11	379
Shale, gray, soft	31	410
Shale, gray, hard	20	430
U(C-3-2)5bba-1. Log by J. C. Zimmerman. Alt. 5,437 ft.		
Sand and clay	4	4
Cobbles; water	21	25
Sand; water; cased off	10	35
Clay, blue	40	75
Shale, blue	15	90
Clay, blue	55	145
Shale, blue; water, started flow at 145 ft	15	160
U(C-3-2)8aaa-1. Log reported by owner. Driller unknown. Alt. 5,479 ft.		
Dirt	2	2
Cobbles	23	25
Clay, yellow	15	40
Clay, blue	87	127
Sand and silt; water, 10 gal/min	3	130
Clay, blue	12	142
U(C-3-2)23dcc-1. Log by Uintah Basin Drilling Co. Alt. 5,085 ft.		
Clay and boulders	8	8
Boulders and sand	7	15
Clay	21	36
U(C-3-2)25aaa-1. Log by B. F. Klippel. Alt. 5,060 ft.		
Clay	15	15
Sand and gravel; water	15	30
Shale, blue	12	42
U(C-3-2)29bad-1. Log by J. C. Zimmerman. Alt. 5,183 ft.		
Clay, brown	4	4
Cobblerock	11	15
Sand; salty water; cased off	15	30
Clay, yellow	15	45
Clay, blue	25	70
Shale, blue	15	85
Sandstone, water	5	90
U(C-3-2)29bad-1. - Continued		
Clay, blue	7	97
Sandstone; water	3	100
U(C-3-2)31bac-1. Log by Uintah Basin Drilling Co. Alt. 5,213 ft.		
Sand, fine	16	16
Clay, gray	14	30
Cobbles, very hard, and limestone	10	40
Gravel, pea, and coarse sand	12	52
Note: Completed at 48 ft.		
U(C-3-3)8bdc-1. Log by J. T. Juhan. Alt. 5,463 ft.		
Clay, sandy	8	8
Clay	24	32
Shale, sandy	52	84
Shale, gray	22	106
Sand, gray	5	111
Shale, gray	3	114
Sand, gray	5	119
Sand, brown	10	129
Sand, gray	6	135
Sand, light-gray	10	145
Sand, gray	30	175
U(C-3-3)10cab-2. Log by Uintah Basin Drilling Co. Alt. 5,368 ft.		
Cobbles and sand	40	40
Shale, blue	90	130
Sandstone	12	142
U(C-3-3)12bcd-1. Log by Uintah Basin Drilling Co. Alt. 5,261 ft.		
Boulders and sand	36	36
Shale, gray	20	56
Sandstone, gray	8	64
U(C-3-3)15bbc-1. Log by Garnett Birchell. Alt. 5,351 ft.		
Soil	3	3
Overburden	35	38
Clay, blue	40	78
Limestone, red, very hard	3	81
Sand, black, fine	4	85
Clay, red, soft	30	115
Clay, blue	50	165
Clay, light-red	49	214
Clay, red, soft	56	270
Note: No water below 85 ft.		
U(C-3-3)21daa-1. Log by J. T. Juhan. Alt. 5,311 ft.		
Clay	85	85
Sandstone; salt water	1	86
Note: Casing pulled and well plugged and abandoned.		
U(C-3-3)24daa-1. Log by Garnett Birchell. Alt. 5,215 ft.		
Soil	3	3
Sand, gravel, and muck	40	43
Sandstone	15	58
Shale, blue; salt water	22	80
Note: Well plugged back to 50 ft with clay, burlap, and cement. Casing shot at 30 ft.		
U(C-3-3)28bbc-1. Log by Water Supply Eng. Alt. 5,348 ft.		
Clay, brown, soft	10	10
Shale, brown	22	32
Shale, gray, moderately hard	60	92
Shale, gray, very hard	5	97
Shale, gray, moderately hard	93	190
Shale, gray-green, soft; easily hydrated	101	291
Shale, sandy, gray, hard	11	302
Shale, gray, very hard	5	307
Shale, gray, soft	2	309
Shale, sandy	6	315
Shale, gray-green	31	346
Shale, in alternately hard and soft layers	9	355
Shale, gray, soft	45	400
U(C-3-3)34dcc-1. Log by Uintah Basin Drilling Co. Alt. 5,330 ft.		
Clay	11	11
Shale, green	15	26
Shale, black	94	120
Sandstone	4	124
Shale, black	22	146
Shale, green	17	163
Shale, black	23	186
Sandstone; water	3	189
Shale, green	14	203
Shale, black	51	254
U(C-3-4)1cdb-1. Log by Uintah Basin Drilling Co. Alt. 5,611 ft.		
Clay and shale	10	10
Shale	170	180
Sandstone	20	200
Shale	300	500
Sandstone	15	515
Shale	100	615
U(C-3-4)7cad-1. Log reported by owner. Driller unknown. Alt. 5,935 ft.		
Gravel and boulders	33½	33½
Clay	26½	60
Sandstone	2	62
Clay	58	120
Rock	5	125
Clay	5	130
Sandstone, clay streaked; water, 176½-177½ ft	51	181
Clay, blue	9½	190½
Sandstone, gray	11½	202
Clay, red	1	203
Sandstone, gray	2	205
Sandstone, pink	9	214
Sandstone, shaly	6	220
Clay, blue	5	225
Clay, blue and red	1½	226½
Clay, gray	3½	230
Clay, red	8	238
Clay, shaly, red	3	241
Clay, red	5½	246½
Clay, dark	7½	254
Clay, red	3	257
Clay, with thin layer of sand	6	263
Clay, red and blue	2	265
Clay, red	35	300
Sandstone	2	302
Clay	1	303
Sandstone, red, hard	2½	305½
Sandstone, white	12	317½
Clay, hard	8	325½
Sandstone, thin streaks of clay	8	333½
Sandstone, white, coarse	15½	349
Sandstone, white, fine	4	353
Clay, sandy, red	45	398
Clay, red	4	402
U(C-3-4)21aaa-1. Log by Carl Johnston. Alt. 5,923 ft.		
Sand	2	2
Clay, red	2	4
Clay, white	8	12
Hardpan	2	14
Cobbles	9	23
Clay, white; gravelly 26-28 ft	5	28
Gravel and cobbles; surface water	4	32
Gravel and cobbles, blue	5	37
Clay, blue; gravel, 54-60 ft	66	103
Clay, red	14	117
Clay, blue	5	122
Sandstone	2	124
Clay, blue	32	156
Clay, blue and red	8	164
Clay, blue, hard	48	212
Sandstone	7	219
Clay, blue	1	220
Clay, thin beds of sandstone	4	224
Sandstone, hard	3	227
Clay and brown shale; water	2	229
Sandstone, thin 1-in. layers, and clay at 4-in. intervals	21	250
Clay, blue	11	261
U(C-3-4)26cdc-1. Log by Uintah Basin Drilling Co. Alt. 5,478 ft.		
Fill dirt	30	30
Boulders and sand	30	60
U(C-3-4)27dda-1. Log by Klippel Bros. Alt. 5,500 ft.		
Soil	3	3
Shale, yellow	27	30
Shale, green	15	45
Shale, black	5	50
Shale, sticky, blue	14	64
Sandstone, gray, fine-grained; water rose to 31 ft below LSD	2	66
Shale, sandy, blue	24	90
Sandstone, brown, fine-grained; dry	4	94
Shale, gray	26	120
Shale, gray, and thin beds of sand	10	130
Shale, gray	38	168
Sandstone, fine-grained; dry	4	172
Shale, gray	18	190
Note: Well backfilled to 97 ft and plugged with cement.		
U(C-3-4)30bcd-1. Log by Garnett Birchell. Alt. 5,812 ft.		
Cobblerock; cased off	36	36
Shale, blue	15	51
Sandstone, gray; water, 3 to 4 gal/min	47	98
Clay, blue, with hard layers of rock 6 in. to 3 ft thick	225	323
Sand, black, very fine; water	6	329
Shale, blue	21	350
U(C-3-4)31cab-1. Log by Klippel Bros. Alt. 5,640 ft.		
Soil	10	10
Cobbles and soil	10	20

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-3-4)31cab-1. - Continued		
Cobbles in lime	10	30
Cobbles in sand	13	43
Sand and gravel; water	12	55
Sandstone	2	57
Shale	13	70
U(C-3-4)32abd-1. Log by Klippel Bros. Alt. 5,469 ft.		
Soil	10	10
Clay, sandy; water, about 1 gal/min	17	27
Clay, yellow	9	36
Sandstone, fine-grained	8	44
Clay, heavy, yellow, and cobbles	9	53
Sandstone, fine-grained	2	55
Clay, sandy	4	59
Sandstone	4	63
Gravel, very coarse; water rose to 27 ft below LSD	2	65
U(C-3-4)32bda-1. Log by Klippel Bros. Alt. 5,476 ft.		
Soil	4	4
Clay	7	11
Clay, with thin layer of sand	20	31
Sandstone, fine-grained	7	38
Cobbles in clay	9	47
Sandstone, fine-grained	3	50
Sand, medium; water	8	58
Shale, gray	1	59
U(C-3-4)34bac-1. Log by Klippel Bros. Alt. 5,440 ft.		
Soil	2	2
Cobbles in clay	39	41
Sandstone, hard	1	42
Sand; water	10	52
Shale, blue	1	53
U(C-3-4)35dab-1. Log by Garnett Birchell. Alt. 5,382 ft.		
Topsoil	9	9
Cobbles	23	32
Sand and gravel; water	26	58
Note: Blue shale below 58 ft.		
U(C-3-4)36cad-1. Log by Klippel Bros. Alt. 5,380 ft.		
Soil	12	12
Gumbo, yellow	13	25
Sandstone, fine-grained	6	31
Cobbles, small	2	33
Gravel, medium; water	8	41
U(C-3-4)36ddb-1. Log by Klippel Bros. Alt. 5,365 ft.		
Soil	10	10
Clay, yellow	15	25
Sandstone, hard	3	28
Sand and gravel	22	50
Shale, blue	2	52
Note: Completed at 48 ft.		
U(C-3-5)7aca-1. Log by Uintah Basin Drilling Co. Alt, 5,890 ft.		
Sand	42	42
Shale	23	65
Sandstone and shale	315	380
Sandstone	40	420
Sandstone and shale	80	500
U(C-3-5)13bbb-2. Log by Klippel Bros. Alt. 5,712 ft.		
Soil	26	26
Cobbles in sand	2	28
Sandstone	8	36
Sand and gravel; water	14	50
Note: Drilled 10 ft north of old well.		
U(C-3-5)13cac-1. Log by Uintah Basin Drilling Co. Alt. 5,660 ft.		
Clay and sand	7	7
Boulders	8	15
Sand and boulders	5	20
Sand	3	23
Sand and boulders	9	32
Boulders	3	35
U(C-3-5)14ddd-2. Log by Uintah Basin Drilling Co. Alt. 5,665 ft.		
Sand	13	13
Boulders and sand	24	37
Gravel	7	44
Gravel and sand	5	49
U(C-3-5)24acc-1. Log by Klippel Bros. Alt. 5,665 ft.		
Soil	8	8
Shale, sandy	30	38
Sand	10	48
Shale, blue	12	60
Shale, sandy, blue	40	100
U(C-3-5)25ccc-1. Log by Uintah Basin Drilling Co. Alt. 5,575 ft.		
Clay and sand	12	12
Sand and boulders	40	52
Sandstone	5	57
U(C-3-5)25dca-1. Log by Uintah Basin Drilling Co. Alt. 5,746 ft.		
Boulders	15	15
Clay	125	140
Shale	140	280
Sandstone	20	300
U(C-3-5)31dcd-1. Log by Garnett Birchell. Alt. 5,790 ft.		
Silt, sand, and cobbles (overburden)	31	31
Clay, blue	7	38
Shale, hard	151	189
Sand, black	2	191
Shale, hard	9	200
U(C-3-5)36bbd-1. Log by Klippel Bros. Alt. 5,564 ft.		
Soil	4	4
Clay, yellow	4	8
Cobbles	20	28
Sand; water	22	50
Limestone; thin layer	1	51
Shale, gray	11	62
Limestone, thin layer	2	64
Shale, sandy, gray	8	72
Limestone, thin layer	2	74
Shale, brown	36	110
Shale, gray	40	150
Shale and limestone, interbedded	25	175
Note: Completed at 50 ft.		
U(C-3-5)36ddc-1. Log by J. C. Zimmerman. Alt. 5,648 ft.		
Cobblerock	41	41
Rock, hard layer	5	46
Shale, blue, and clay	81	127
Shale, blue	17	144
U(C-3-7)9adc-1. Log by Uintah Basin Drilling Co. Alt. 6,924 ft.		
Shale	22	22
Sandstone	13	35
Rock and small layer of shale	165	200
Rock and small layer of shale; some water, 2 gal/min	50	250
Rock and small layer of shale	100	350
Shale	73	423
Rock and small layer of shale	77	500
U(C-3-7)19dba-2. Log by C. A. Stephenson Drilling Co. Alt. 6,750 ft.		
Topsoil	5	5
Sandstone	4	9
Shale, red	41	50
Shale, sandy; water	20	70
Sandstone; water	13	83
Shale	2	85
Note: Sandstone at 85 ft.		
U(C-3-8)18bcb-1. Log by Garnett Birchell. Alt. 6,670 ft.		
Soil	4	4
Shale, red	17	21
Sandstone; some water	13	34
Shale, red	8	42
Sandstone, tight	19	61
Shale, red	12	73
Ledge rock, hard	11	84
Rock, red, hard; some water under rock	7	91
Shale, red	20	111
U(C-3-8)23bad-1. Log by Uintah Basin Drilling Co. Alt. 6,540 ft.		
Clay and rock	10	10
Clay	10	20
Clay and rock	50	70
Clay	45	115
Clay and shale	65	180
Rock	20	200
Shale	110	310
Sandstone	10	320
Shale, red	20	340
U(C-3-8)25ccd-1. Log by Uintah Basin Drilling Co. Alt. 6,945 ft.		
Shale and clay	60	60
Shale, red	20	80
Shale and hard rock, in layers	40	120
Shale, blue	40	160
Shale and sandstone	60	220
Shale	70	290
Sandstone	120	410
U(C-3-9)1dcd-1. Log by Klippel Bros. Alt. 6,850 ft.		
Soil	3	3
Sandstone	4	7
U(C-3-9)1dcd-1. - Continued		
Clay, red	32	39
Sandstone, red, coarse	5	44
Shale, red	27	71
Shale, yellow	4	75
Shale, blue	4	79
Shale, brown	154	233
Sandstone, gray, coarse	12	245
Shale, brown	37	282
Cavity; by bailing test will hold 2,000 gallons	½	282½
Limestone, hard	5½	288
Shale, brown, with thin beds of limestone	78	366
Shale, sticky, brown	14	380
Shale, sandy, brown	101	481
Shale, bentonite, brown	9	490
U(C-3-9)6cbc-1. Log by J. S. Lee and Sons. Alt. 6,925 ft.		
Clay	17	17
Gravel	9	26
Shale, red	3	29
Sandstone	12	41
Sandstone and streaks of shale	5	46
Shale, red	59	105
Limestone	7	112
Limestone and shale	7	119
Shale, brown	34	153
Shale, blue	5	158
Gravel, cemented; water	9	167
Shale, brown	10	177
Sandstone	24	201
U(C-3-9)12cbb-1. Log by Garnett Birchell. Alt. 6,710 ft.		
Soil	2	2
Sandstone	22	24
Sandstone, hard	3	27
Sandstone, soft; water	21	48
Clay and sandstone	9	57
Sandstone, soft; water	15	72
Shale	8	80
Note: All rocks were red in color.		
U(C-3-9)14aab-1. Log by Garnett Birchell. Alt. 6,780 ft.		
Soil	3	3
Shale, red	15	18
Bedrock	4	22
Shale, red	38	60
Bedrock, light-colored	13	73
Shale, red	22	95
Bedrock, red	15	110
Clay, light-brown	20	130
Rock and shale, interbedded, thin	45	175
Rock, red, hard	21	196
Clay, light-brown	19	215
Rock, red	12	227
Shale, light-brown, hard	18	245
Clay, light-brown	20	265
Rock, red, hard, light-blue shale, and gravel, mixed	10	275
Shale, red	25	300
U(C-3-9)14ccc-1. Log by Uintah Basin Drilling Co. Alt. 6,802 ft.		
Shale, red	30	30
Bedrock (sandstone ?)	10	40
Shale, red	20	60
Shale	305	365
Sandstone	15	380
Note: Composite of logs of two wells.		
U(C-3-9)21cda-2. Log by Uintah Basin Drilling Co. Alt. 6,666 ft.		
Sand	25	25
Shale, hard	49	74
Limestone, hard; good water at 123 ft	66	140
U(C-3-9)23aad-2. Log by Uintah Basin Drilling Co. Alt. 6,685 ft.		
Clay	5	5
Rock (sandstone ?)	5	10
Shale	20	30
Rock	2	32
Shale	68	100
Rock	10	110
Shale	130	240
Rock	5	245
Shale	60	305
Rock; water	5	310
Shale	60	370
Rock	5	375
Shale	25	400
U(C-3-9)23bba-1. Log by Klippel Bros. Alt. 6,780 ft.		
Soil	2	2
Sandstone	9	11
Shale, red	16	27
Sandstone	2	29
Shale, red	53	82

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-3-9)23bba-1. - Continued		
Sandstone; salt water	11	93
U(C-3-9)24aaa-1D. Log reported by owner. Driller unknown. Alt. 6,620 ft.		
Old well	401	401
Sandstone, red, hard	13	414
Shale, red	1	415
Sandstone, red, hard	6	421
Shale, red	5	426
Sandstone, red	4	430
No record	16	446
Sandstone, red, hard	54	500
Conglomerate	12	512
Sand, red	3	515
Shale, red; water	6	521
Shale, red	15	536
Sand and shale, gray; water	5	541
Sandstone	7	548
U(C-3-10)5dba-1. Log by J. S. Lee and Sons. Alt. 7,610 ft.		
Clay and boulders	14	14
Gravel and boulders	42	56
Shale, red	19	75
Gravel	7	82
Shale, red	43	125
Sandstone	29	154
Gravel, cemented	19	173
Shale, red	11	184
U(C-3-10)22cac-1. Log by Intermountain Drilling Co. Alt. 7,480 ft.		
Conglomerate	10	10
Clay and sandstone	35	45
Sandstone, hard	5	50
Clay and sandstone	7	57
Sandstone, red	5	62
Clay, red, mixed with rock	12	74
Clay, red, and green sandstone	16	90
Rock, green, clay, and gravel; water	8	98
Clay and gravel	7	105
Clay, red, and some gravel	5	110
Shale, red, and sandstone	35	145
Sandstone, green, red clay, and pea-sized gravel; hard streak	5	150
Shale and sandstone	29	179
Clay, brown	34	213
U(C-3-10)32bcd-2. Log by Uintah Basin Drilling Co. Alt. 7,670 ft.		
Clay	14	14
Clay and shale	26	40
Sandstone	22	62
Sandstone and shale	26	88
Sandstone	17	105
Sandstone and shale	95	200
U(C-3-10)32dcd-1. Log by Uintah Basin Drilling Co. Alt. 7,635 ft.		
Sand and boulders	30	30
Shale	100	130
Sandstone	10	140
Shale	80	220
Sandstone	5	225
Shale	90	315
Sandstone	5	320
Shale	20	340
U(C-3-11)15cbb-1. Log by Uintah Basin Drilling Co. Alt. 7,675 ft.		
Sand	14	14
Sand and cobbles	56	70
Gravel and cobbles	13	83
U(C-4-1)7ccb-1. Log by Garnett Birchell. Alt. 5,182 ft.		
Topsoil and gravel	16	16
Sand and gravel	9	25
Clay, blue	11	36
U(C-4-1)18dcc-1. Log by J. C. Zimmerman. Alt. 5,185 ft.		
Clay, yellow	2	2
Sand and gravel	18	20
Clay, blue	60	80
U(C-4-2)2cda-1S. Log by Robinson Drilling Co. Alt. 5,295 ft.		
Topsoil	3	3
Clay, coarse gravel, and sand	7	10
Gravel, coarse, boulders, and little clay	4	14
Gravel and boulders; some water	4	18
Sandrock	4	22
Clay, dark-yellow	11	33
Sandrock	2	35
Clay, blue	13	48
Sandrock	6	54
Clay, blue	6	60
Clay, blue and red	5	65
Clay, blue	28	93
U(C-4-2)2cda-1S. - Continued		
Sandrock; water bearing	1	94
Clay, sandy, blue	6	100
Clay, sandy, blue, with hard shells	11	111
Shale, blue	23	134
Shale, red	9	143
Shale, blue	17	160
Shale, sandy, blue	41	201
Sandrock	4	205
Shale, sandy, blue	145	350
Shale, sandy, red	5	355
Sandrock	15	370
Shale, sandy, blue	32	402
Shale, sandy, brown	5	407
Shale, sandy, blue	10	417
Shale, sandy, brown	11	428
Shale, sandy, blue	82	510
Shale, sandy, brown	70	580
Shale, blue	20	600
Shale, brown	15	615
Shale, blue	55	670
Shale, red	10	680
Shale, blue	20	700
Note: Filled back to 108 ft.		
U(C-4-2)5abb-1. Log by Klippel Bros. Alt. 5,180 ft.		
Topsoil	6	6
Clay, sandy	7	13
Sandstone, fine	8	21
Gravel, coarse; water bearing	2	23
U(C-4-2)5bba-1. Log by Ellery Grant. Alt. 5,187 ft.		
Soil, clayey	5	5
Sand and gravel; water	27	32
Clay, blue	5	37
Sand; water, bad	24	61
Shale, blue	99	160
Sandstone; water	6	166
Shale, blue	302	468
Sandstone	24	492
Slate rock	8	500
Shale, blue	42	542
Unknown	578	1,120
Note: Oil and gas reported at 270-300 ft; well plugged back to 40 ft and casing reinstalled to 40 ft after 1935.		
U(C-4-2)14bcc-1. Log by Uintah Basin Drilling Co. Alt. 5,245 ft.		
Topsoil	10	10
Gravel	8	18
Sandrock	62	80
U(C-4-3)4cba-1S. Log by J. T. Juhan. Alt. 5,290 ft.		
Sand	4	4
Boulders, river	27	31
Shale, blue	17	48
Limestone, sandy, brown	50	98
Limestone, interbedded with shale ("broken")	48	146
Limestone, sandy; nonflowing water at 180 ft	75	221
Limestone, brown; salt water at 825 ft	604	825
Note: Plugged back to 250 ft.		
U(C-4-3)4daa-1. Log by Uintah Basin Drilling Co. Alt. 5,277 ft.		
Clay	15	15
Gravel and sand	25	40
Clay, blue	15	55
U(C-4-3)5bbd-1. Log by Klippel Bros. Alt. 5,338 ft.		
Soil	10	10
Clay, yellow	16	26
Cobbles	15	41
Sandstone, hard	2	43
Shale, blue	57	100
U(C-4-3)9bbd-1. Log by Uintah Basin Drilling Co. Alt. 5,327 ft.		
Clay	8	8
Clay and gravel	7	15
Sand and cobbles	26	41
Slate	22	63
Sandrock	7	70
U(C-4-3)10aba-1. Log by Klippel Bros. Alt. 5,282 ft.		
Topsoil	18	18
Sand and gravel	14	32
Shale, blue	6	38
Shale, gray, with cobble rocks and gravel	33	71
Shale, blue	3	74
Sandstone	1	75
Shale, gray, rotten	1	76
Sandstone	1	77
Shale, sandy, gray	31	108
Shale, hard, with thin shells	7	115
Shale, sandy	30	145
U(C-4-3)10aba-1. - Continued		
Shale, sticky, blue	35	180
Sandstone, soft	8	188
Shale, sticky, blue	2	190
Shale, sandy	10	200
Shale, brown, hard	2	202
Shale, blue	43	245
Shale, brown	5	250
U(C-4-3)11dcb-1. Log by Klippel Bros. Alt. 5,310 ft.		
Topsoil	2	2
Boulders and yellow clay	12	14
Clay, yellow	13	27
Shale, gray	12	39
Shale, red	5	44
Shale, crumbly, gray	1	45
Shale, gray	50	95
U(C-4-3)12aca-1. Log by Klippel Bros. Alt. 5,265 ft.		
Topsoil	2	2
Clay, sandy, with boulders	12	14
Clay, sandy	21	35
Sandstone, fine-grained	2	37
Gravel, medium; water bearing	3	40
Clay, heavy	-	-
U(C-4-4)6bda-1. Log by B. F. Klippel. Alt. 5,487 ft.		
Soil	4	4
Cobblerock	8	12
Sandstone and gravel; water	38	50
U(C-4-5)1bdc-1. Log by Uintah Basin Drilling Co. Alt. 5,516 ft.		
Cobbles	10	10
Sand and cobbles	13	23
Sandstone	5	28
Shale, red	56	84
Shale, gray	6	90
Shale, brown	14	104
Shale, red	4	108
U(C-4-6)9abb-1. Log by Klippel Bros. Alt. 5,748 ft.		
Alluvium	22	22
Sand; water bearing	3	25
Shale, slatey gray	10	35
Sand, black	15	50
Shale, slatey gray	17	67
Limestone, shelly	2	69
Shale, slatey gray	5	74
Sand; water bearing	3	77
Sand, black; water bearing	43	120
Note: Completed at 25 ft.		
U(C-4-7)35dcd-1. Log by Klippel Bros. Alt. 6,960 ft.		
Alluvium	36	36
Sandstone, brown	6	42
Limestone	8	50
Sandstone, brown	18	68
Sandstone, gray	16	84
Sandstone, black; water bearing	12	96
Limestone	21	117
Shale, sandy, yellow	47	164
Shale, gray	17	181
Unknown	3	184
Sandstone, gray	11	195
Limestone	17	212
Shale, sandy, yellow	41	253
Limestone	8	261
Shale, sandy, yellow	33	294
Sandstone, red	26	320
Shale, sandy, yellow	45	365
Shale, sandy, brown	45	410
Sandstone, black, hard	42	452
Shale, bentonitic	29	481
Sandstone, yellow, hard	7	488
Shale, bentonitic	12	500
U(C-4-8)13ccb-1. Log by Uintah Basin Drilling Co. Alt. 6,075 ft.		
Clay	12	12
Sand and boulders	13	25
Clay and sand	102	127
Shale, hard	73	200
Note: Reported to be plugged and abandoned; water at 190 ft, described as swampy and sulfurous with oily odor.		
U(C-4-10)8dda-1. Log by Uintah Basin Drilling Co. Alt. 7,390 ft.		
Shale	8	8
Sandstone	21	29
Shale	29	58
Sandstone	7	65
Shale	47	112
Sandstone	10	122
Shale	18	140
Sandstone	20	160

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(C-4-10)9ada-1. Log by Uintah Basin Drilling Co. Alt. 7,875 ft.		
Clay	20	20
Sandstone	60	80
Sandstone and shale	20	100
Sandstone	100	200
Shale	30	230
Sandstone and shale	30	260
Sandstone	40	300
Sandstone and shale	50	350
Sandstone	50	400
U(C-5-5)34bdd-1. Log by Uintah Basin Drilling Co. Alt. 6,740 ft.		
Sand, silty	12	12
Gravel and cobbles	157	169
Not reported	1	170
U(C-5-5)34bdd-2. Log by Uintah Basin Drilling Co. Alt. 6,610 ft.		
Soil and clay	20	20
Clay	45	65
Gravel	2	67
Clay	9	76
Gravel	4	80
Clay	7	87
Gravel	8	95
Sand and gravel	5	100
Clay	5	105
Gravel	25	130
Clay and sand	5	135
Sand	8	143
Shale; oil bearing	4	147
Rock, solid	3	150
Shale; oil bearing	11	161
U(C-5-8)25aab-1. Log by Klippel Bros. Alt. 7,599 ft.		
Alluvium	114	114
Sandstone	40	154
Shale, sandy, gray	11	165
Sandstone; water bearing	6	171
Sandstone, hard	4	175
U(C-5-11)10acb-1. Log by H. H. Peacock. Alt. 9,390 ft.		
Overburden	10	10
Shale; losing drilling water at 47 to 52 ft and 250 to 270 ft	291	301
Sand; wall of hole was sloughing	7	308
Shale, hard	172	480
Conglomerate	90	570
Shale, sandy, hard	134	704
Shale, sandy; show of water 704 to 742 ft and good show of water 742 to 770 ft	66	770
Shale	52	822
Sand; water	8	830
Shale, sandy	42	872
Sand, sharp	6	878
Shale, sandy	82	960
Shale	23	983
U(D-1-1)4baa-1. Log by Uintah Basin Drilling Co. Alt. 5,712 ft.		
Sand	11	11
Boulders and sand	19	30
U(D-1-1)6abb-1. Log by Uintah Basin Drilling Co. Alt. 5,763 ft.		
Clay	8	8
Sand and boulders	22	30
Sand, gravel, and boulders	5	35
U(D-1-1)10cda-1. Log by J. C. Zimmerman. Alt. 5,468 ft.		
Dirt	1	1
Sand, gravel, and cobbles; water	43	44
Clay, red	6	50
U(D-1-1)14add-1. Log reported by owner. Driller unknown. Alt. 5,395 ft.		
Silt, sandy	26	26
Shale, sandy	14	40
Sandstone, light-gray; small water	5	45
Shale, sandy, red	70	115
Sandstone, gray; water	7	122
Shale, sandy, red	28	150
Sandstone, gray, soft; water, 7 gal/min	6	156
Shale, sandy, red	34	190
Sandstone, gray	10	200
Shale, sandy, red	4	204
Sandstone, gray	7	211
U(D-1-1)14bbc-1. Log reported by owner. Driller unknown. Alt. 5,408 ft.		
Cobbles and gravel	35	35
Sandstone and some shale	195	230
U(D-1-1)16aaa-1. Log by Uintah Basin Drilling Co. Alt. 5,480 ft		
Clay	8	8
Boulders and sand	24	32
U(D-1-1)19aaa-3. Log by Uintah Basin Drilling Co. Alt. 5,498 ft.		
Sand	8	8
Sand, fine, and boulders	22	30
Sand, fine	13	43
Sand, coarse	12	55
U(D-1-1)19add-2. Log by J. C. Zimmerman. Alt. 5,480 ft.		
Dirt	2	2
Boulders, cemented	8	10
Boulders, large	9	19
Sand; some water	4	23
Sand and boulders	17	40
Boulders, large; water	16	56
Clay, red	11	67
U(D-1-1)30ada-1. Log by J. C. Zimmerman. Alt. 5,430 ft.		
Cobbles and hardpan	4	4
Cobbles and sand	8	12
Sand; water	6	18
Cobbles, small; water	6	24
Clay, red; completed at 24 ft	18	42
U(D-1-1)36acc-1. Log by J. C. Zimmerman. Alt. 5,290 ft.		
Loam, sandy	3	3
Cobblerock; water	4	7
Shale, red	23	30
Sandstone, light	50	80
Sandstone, gray; hard water, cased off, 4½-in. pipe	35	115
Clay, brown	6	121
Sandstone, light	24	145
Shale, red	35	180
Sandstone, white	6	186
Shale, red	14	200
Sandstone	10	210
Shale, red	20	230
Sandstone	40	270
Shale, red	45	315
Sandstone	5	320
Shale, sandy	45	365
Sandstone	6	371
Shale, red	59	430
Sandstone; water, 3 gal/min	10	440
Shale, red	2	442
U(D-1-2)7abd-1b. Log by Uintah Basin Drilling Co. Alt. 5,562 ft.		
Existing well	200	200
Shale	40	240
Sandstone	80	320
U(D-1-2)8caa-1. Log by T. D. Erwin. Alt. 5,600 ft.		
Clay and silt, loose	12	12
Shale, light-gray, soft	7	19
Shale, red	9	28
Shale, sandy, medium hard	12	40
Shale, red, hard	50	90
Shale, sandy, medium hard	32	122
Sandstone, gray; water, 1 gal/min, raised to 90 ft	6	128
Shale, sandy, brown	55	183
Sandstone, light-gray	5	188
Shale, sandy, brown, hard	14	202
Sandstone, gray, medium hard	7	209
Sandstone, red	6	215
Sandstone, light-gray; water raised to 90 ft, 5 gal/min	24	239
Shale, brown, medium hard	9	248
Sandstone, gray, soft, muddy	9	257
Shale, brown, medium hard	30	287
Sandstone, gray, medium hard	2	289
Shale, brown, medium hard	5	294
Sandstone, gray, medium hard	2	296
Shale, brown, medium hard	21	317
Shale, sandy, brown, soft	3	320
Shale, brown, medium hard	7	327
Sand, light-gray, soft, muddy, fine	20	347
Sandstone, gray, coarse, medium hard; last 10 ft increased water 8 gal/min, could be bailed 220 ft with 159 bailer	10	357
Shale, brown, hard	68	425
Sandstone, gray, medium hard	2	427
Shale, brown, hard	35	462
Sandstone, gray	3	465
Shale, brown, hard	12	477
Sand, gray, hard	1	478
Shale, brown, hard	10	488
Sandstone, brown	2	490
Shale, brown, hard	5	495
Sandstone, gray, medium hard	3	498
Shale, brown, hard	7	505
Note: Filled back to 375 ft; casing to 357 ft.		
U(D-1-2)8cdd-1. Log by C. S. Martinsen. Alt. 5,567 ft.		
Soil	18	18
Hardpan	10	28
Sand and gravel; completed at 45 ft.	20	48
U(D-1-2)17bab-2. Log by J. C. Zimmerman. Alt. 5,544 ft.		
Clay and sand streaks	25	25
Gravel, fine	10	35
Sand, gravel, and cobblerock; water, 1 gal/min	10	45
Clay, red	25	70
Sandstone, white, coarse; water	22	92
Clay, red	28	120
Sandstone, red, hard	8	128
Clay, red	17	145
Shale, red	22	167
Clay, red	13	180
Sandstone, red	20	200
U(D-2-1)3bbb-1. Log by J. C Zimmerman. Alt. 5,352 ft.		
Dirt	4	4
Sand, brown, fine	14	18
Sand and cobbles; water	8	26
U(D-2-1)9ccc-1. Log by Garnett Birchell. Alt. 5,285 ft.		
Soil	3	3
Cobbles	21	24
Sand and gravel; red shale at 33 ft	9	33
U(D-2-1)13cac-1 Log by J. C. Zimmerman. Alt. 5,051 ft.		
Clay, red	38	38
Sandstone; trace of water	2	40
Shale, brown	40	80
Clay, white	7	87
Shale, sandy, brown	118	205
U(D-2-1)14ddd-2. Log by Uintah Basin Drilling Co. Alt. 5,031 ft.		
Clay	4	4
Sand and cobbles	19	23
Sand and gravel	3	26
Sand	3	29
U(D-2-1)15ddc-1. Log by J. C. Zimmerman. Alt. 5,051 ft.		
Loam, sandy, red	9	9
Cobblerock, sand, and gravel; water	22	31
Clay, red	54	85
Clay, black	10	95
Shale, brown	50	145
Shale, blue	9	154
Sandstone, gray (hole reduced to 6 in)	3	157
Clay, yellow	2	159
Shale, red	10	169
Sandstone, red	1	170
Shale, brown	7	177
Sandstone, gray	3	180
Shale, brown	19	199
Sand, rock, white; ½ gal/min of water, very hard and bitter	13	212
Shale, red	3	215
Note: Well backfilled to 50 ft.		
U(D-2-1)16ccc-1. Log by Uintah Basin Drilling Co. Alt. 5,254 ft.		
Sand and gravel	17	17
Shale, red	668	685
Sandstone	65	750
U(D-2-1)18cdd-1. Log by Garnett Birchell. Alt. 5,095 ft.		
Clay, red	2	2
Bedrock, light-yellow	12	14
Shale, red	11	25
Bedrock, light-brown	9	34
Clay, red	12	46
Bedrock, light-red	6	52
Clay, light-brown	18	70
Bedrock, red	16	86
Clay, red	16	102
Clay, light-brown	23	125
Bedrock, light-yellow; some water, 3 gal/min	19	144
Shale, light-brown	8	152
Bedrock, light-brown, hard; with water sand under rock from 6 in. to 1 ft thick	13	165
Shale, red (bottomed in shale)	5	170
U(D-2-1)18dcc-1. Log by Uintah Basin Drilling Co. Alt. 5,095 ft.		
Clay	60	60
Sandstone	4	64
Clay	161	225
Sandstone	15	240
Clay	70	310
U(D-2-1)20bbb-1. Log by J. C. Zimmerman. Alt. 5,170 ft.		
Cobbles	25	25
Clay, red	105	130
Sandstone, red	15	145
Clay, red	25	170
Sandstone	8	178
Clay, red	22	200
Clay, brown	45	245

Table 6.--Selected logs of wells--Continued

Material	Thickness	Depth
U(D-2-1)20bbb-1. - Continued		
Sandstone, red.	10	255
Shale, red.	30	285
Sandstone, white; water, 15 gal/min .	20	305
Clay, red	20	325
U(D-2-1)23caa-1. Log by Uintah Basin Drilling Co. Alt. 4,990 ft.		
Clay and sand	5	5
Boulders and sand	5	10
Sand and shale.	5	15
Clay and shale.	5	20
Sandstone	5	25
Shale, red.	5	30
Sandstone	6	36

Material	Thickness	Depth
U(D-3-1)4baa-1. Log by J. C. Zimmerman. Alt. 4,911 ft.		
Sand, red	8	8
Soil, loose; water.	21	29
Sandstone, gray; water.	6	35
Clay, blue.	10	45
U(D-3-1)5aab-1. Log by Uintah Basin Drilling Co. Alt. 4,940 ft.		
Soil.	3	3
Clay, white	20	23
Shale, red.	40	63
Shale, blue	47	110

Material	Thickness	Depth
U(D-3-1)7dcd-1. Log by Uintah Basin Drilling Co. Alt. 5,040 ft.		
Shale, blue	155	155
Sandstone	20	175
U(D-3-1)22dcb-1. Log by Uintah Basin Drilling Co. Alt. 4,887 ft.		
Cobbles	20	20
Sand and gravel	29	49
U(D-3-2)7ddb-3. Log by Garnett Birchell. Alt. 4,814 ft.		
Soil.	2	2
Sand and gravel	19	21
Clay.	14	35

Table 7.--Descriptions of rock samples collected for analysis of hydrologic properties and grain-size distribution

Location: See data-site numbering systems in text.
Samples of several formations that are aquifers in the Uinta Basin were obtained, mainly from outcrops, and submitted to the Hydrologic Laboratory of the U.S. Geological Survey. The descriptions of the sources and the general nature of the samples observed when they were collected follow. Hydrologic characteristics and grain-size analyses are given in tables 8 and 9. The laboratory number is that assigned to each specimen by the Hydrologic Laboratory. The field number, for cross reference in the Geological Survey files, is that assigned at the time of collection and roughly indicates the order of collection.

Location	Laboratory No.	Field No.	Sample description
Sample from rocks of Mississippian age			
U(A-2-1)7adbb	75UT6	UB37P	Hand specimen from bluff above east side of Whiterocks Canyon. Brown fine- to medium-grained crossbedded sandstone. Natural exposure included a zone of lavender-brown sandstone.
Samples from the Weber Sandstone			
(D-3-20)5ccbc	73UT17a	UB17Pa	Hand specimen from very large fresh block of scree on east side of Dry Fork Canyon. Massive to crossbedded. This specimen from white zone that is very hard and almost porcelaneous in appearance.
	73UT17b	UB17Pb	Hand specimen from same block as specimen 17Pa, but from yellow (leached ?) zone that seemed sandier and more laminated.
(D-3-20)8dabd	75UT8	UB39P	Hand specimen from approximately 50 ft up bluff east of road in Dry Fork Canyon. Crossbedded natural exposure. Grain size of formation varies considerably from one part of exposure to another.
S(B-4-104)36ddd-1	74UT10	UB21P	Core, 4-in fragment recovered from site of Zephyr Oil Co. No. 1 State. Core lithology very typical of Weber Sandstone in this area. Very hard brown-gray sandstone.
U(A-2-1)18abab	75UT5	UB36P	Hand specimen from very large scree block at Forest Road 492, below the "Whiterocks," at east side of Whiterocks Canyon. Steeply dipping moderately hard crossbedded sandstone that weathers to bright white.
Samples from the Navajo Sandstone			
(D-3-22)5dcbb	73UT1	UB1P	Hand specimen from southeast side of State Road 44 in old bluff-like road cut. Soft slab of cream-colored crossbedded sandstone.
(D-6-24)5cdbb	73UT15	UB15P	Hand specimen from natural exposure in bluff at west side of Cliff Creek and north of U.S. Highway 40 at tip of outcrop near plugged oil test. Soft cream-colored crossbedded sandstone.
U(C-1-8)4dacd	73UT7	UB7P	Hand specimen from natural exposure in north-facing cuesta-like bluff above old log cabin and east of State Road 35 between Hanna and old Hanna Post Office. Brown to bright red soft to moderately hard sandstone. Mainly massive, but some crossbedding. Some curvilinear silt beds. Weathers to rounded masses with reticulate joint pattern. Little orientation in hand specimen.
Sample from the Dakota Sandstone			
(D-3-21)35adbc	75UT7	UB38P	Hand specimen from road cut north of small draw on east side of State Road 44, north of first road cut southeast of Steinaker Reservoir. Soft white interbedded massive and crossbedded sandstone beds 2 to 4 ft thick. Entire section is thin. Some beds fairly uniform fine to medium sand with occasional pebble. Other beds appear to be poorly sorted and arkosic(?).
Sample from the Current Creek Formation			
U(C-1-8)13cbdb	73UT6	UB6P	Hand specimen from natural outcrops above old route of State Road 35 and about 300 ft east of bench mark. At south side of steep cuesta near confluence of Farm Creek and Duchesne River. Sample from most uniformly graded sandstone in section of tan to dark-gray fine- to coarse-grained crossbedded sandstone. Contains strongly conglomeratic zones that contain pebbles, up to 1 in in diameter, of black to gray and red limestone and quartzite. Sample represents gradation between the conglomerate and the fine-grained matrix.
Samples from the Uinta Formation			
U(C-3-3)10cbbc	75UT3	UB34P	Hand specimen from ledge near top of terrace and north of ranch trail that goes west from State Road 87 near Arcadia. Fractured hard brownish-tan medium-grained sandstone with crossbedding in some beds. Nearby artesian well leaked through joints in this section while well was being drilled.
U(C-3-7)34aaac	74UT7	UB18P	Hand specimen from low natural outcrop by turnoff from and north of U.S. Highway 40, 8.4 mi west of west end of Starvation Reservoir bridge. Light-brown arkosic(?) medium- to coarse-grained sandstone that has spheroidal weathering.
U(C-3-8)22ccbd	74UT8	UB19P	Hand specimen from road cut immediately east of Red Creek and north of U.S. Highway 40. Tan to light-brown arkosic(?) sandstone.
			Samples 18P and 19P are parts of section that contains interbedded shale, siltstone, and conglomeratic sandstone. Most shale breaks down readily to clay and is red to almost maroon; it washes down and stains face of the brown to yellow sandstone. Some siltstone is sublithographic having a conchoidal fracture. Conglomeratic zones consist of streaks of angular fine gravel.
U(C-3-10)33cdbb	74UT11	UB22P	Hand specimen from road cut on new road to Soldier Creek Dam. Light-brown fine- to medium-grained tightly cemented sandstone that has some streaks of very fine grained conglomerate and that tends to fracture vertically.
Samples from the Duchesne River Formation			
(D-4-20)34bdba	73UT2	UB2P	Hand specimen from north side of road cut on State Road 121, east of Twelve Mile Wash. Lenticular channel sandstone.
	73UT3	UB3	Hand specimen from site of sample 2P. More uniformly bedded white sandstone 2 ft below zone of sample 2P.
(D-6-20)8bccc	73UT13	UB13P	Hand specimen from middle of slope of natural outcrop at southwest side of nose, east of Sand Wash and north of U.S. Highway 40. Massive soft yellow-tan sandstone. Contains worm(?) burrow(?) and other faunal(?) indicia. Most massive of several sandstone beds separated by red shale.
(D-7-25)18aabb	73UT14	UB14P	Hand specimen from natural outcrop 10 ft west of BM 34 EAM, west of State Road 45, in Powder Springs Wash. Friable white thin- to medium-bedded crossbedded channel(?) sandstone intercalated with beds of red shale.
U(A-1-1)26ddbc	74UT2	UB27	Hand specimen from natural outcrop in south side of hill above State Road 246, southeast of Tridell. Dense, compact, massive grit to fine-grained pebble conglomerate. Section includes pellets of shale. Intercalated in thick sequence of red shale.

Table 7.--Descriptions of rock samples collected for analysis of hydrologic properties and grain-size distribution--Continued

Location	Laboratory No.	Field No.	Sample description
Samples from the Duchesne River Formation--Continued			
U(B-1-1)4cbdd	75UT4	UB35P	Hand specimen from natural outcrop north of Whiterocks-Uinta Canyon road and west of Cart Hollow. Dark-orange-brown medium- to coarse-grained sandstone. Beds weather easily, but others, mainly fine- to medium-grained well-cemented sandstone, are more resistant. Overlies white medium- to coarse-grained sandstone and red to white and purple shale.
U(B-1-5)29bcab	75UT2	UB33P	Hand specimen from natural outcrop 200 ft uphill from Rock Creek-Moon Lake road about 0.1 mi west of trail up small canyon. White to light-tan fine to very coarse grained sandstone. Appears to be nearly arkosic. Contains a few pebbles up to 1½ in in diameter of limestone and quartzite. Local zones are conglomerate and very ferruginous.
U(B-2-3)27dddd	74UT14	UB25P	Hand specimen from natural outcrop 30 ft uphill from road between Dry Gulch Ranger Station and Uinta River Canyon. Dark-brownish-red massive to crossbedded sandstone. Some zones less cemented than others.
U(C-1-5)36aaaa	74UT4	UB29	Hand specimen from natural outcrop above State Road 87, west of junction with State Road 134. Friable, dark yellow, channel sandstone, with white inclusions. Highest of three-sample set.
36aaab	74UT6	UB31P	Hand specimen from road cut on north side of State Road 87, downhill and downsection from site of sample 29. Slightly soft light-reddish-brown medium-bedded quasi-channel sandstone.
36aaba	74UT5	UB30	Hand specimen from road cut on north side of State Road 87. Lowest sample in altitude and in section of three-sample set. Hard reddish-brown thin-bedded sandstone that is interbedded with red shale.
U(C-2-2)2ccc-1	74UT15- 74UT26		Suite of 12 selected bags of drill cuttings from city of Roosevelt test well U(C-2-2)2ccc-1. North of Bluebell road, west of oil-well access road, and just north of electric-transmission line. Results of grain-size analysis should be used with caution and apply only to fairly broad zones in formation. Well was drilled by air-water rotary method, the surging action of which probably differentiated grain-size fractions before recovery of sample.
7baaa	74UT13	UB24P	Hand specimen from road cut in edge of terrace on west side of trail that extends uphill from Bluebell road, to aircraft beacon on Butcher Knife Hill. Soft reddish-brown massive medium-grained sandstone. At this location, massive to crossbedded white sandstone overlies gray medium-grained sandstone that is mottled with black carbonaceous inclusions. Between the white and gray sandstone beds is a bed of white shale that contains large pieces of crystalline calcium sulfate (selenite).
11bada	74UT12	UB23P	Hand specimen from natural outcrop at top of bench above Bluebell road. This sample is about median for a 5-ft section of somewhat lenticular crossbedded fine- to coarse-grained sandstone intercalated with tight red mudstone and silty sandstone (with clayey matrix).
26cbcb	73UT5	UB5P	Hand specimen from natural outcrop on west side of small nose, east of ranch trail, south of Hancock Lateral, and north of Dry Gulch Creek. Near base of formation. Outcrop weathered and sample probably has lost some cement. Soft tan to gray sandstone--generally even bedded with some crossbedding. Contains small zones of fine gravel and some fragments from Uinta Formation(?).
U(C-2-3)21bcdb	74UT3	UB28P	Hand specimen from road cut on east side of State Road 87, near west edge of Big Wash Reservoir. Compact red sandstone.
U(C-2-4)7ccdd	73UT11	UB11P	Hand specimen from road at west side of bend in State Road 87. Channel sandstone in section of red shale and siltstone.
	73UT12	UB12	Hand specimen from same location as 11P. Sandstone harder than sample 11P.
30cdba	73UT10	UB10P	Hand specimen from natural outcrop in low scarp at or near base of formation, 700 ft west of State Road 87. Soft yellow sandstone lying on greenish-gray shale and interbedded fossiliferous limestone. Sandstone is jointed and joints are filled with ferruginous material. Color bands occur perpendicular to bedding.
U(C-2-7)3ccac	73UT8	UB8P	Hand specimen from natural outcrop in bluff at north side of State Road 35. Soft massively lenticular yellow sandstone. Grades laterally into either siltstone or coarse-grained grit of limestone(?) and other detritus.
	73UT9	UB9	Hand specimen from near location of sample 8P. Sample 9 is harder and finer grained.
U(C-2-10)36caab	75UT1	UB32P	Hand specimen from near base of bluff, east of road in Currant Creek Canyon. Yellow-cream-colored sandstone of fairly uniform grain size from prominent bed that is mostly lenticular and crossbedded. Strongly conglomeratic in places. Overlain and underlain by red shale and massive red conglomeratic sandstone.
U(D-1-1)36cbda	74UT1	UB26P	Hand specimen from road cut on northwest side of State Road 246. Massive yellow very coarse grained sandstone with many white inclusions.
U(D-2-1)6ccba	73UT16	UB16P	Hand specimen from road cut at eastside of county road that ascends to bench south of Montes Creek Reservoir. Compact reddish-brown quasi-channel sandstone. This type of sandstone is more common in this formation than the yellow lenticular sandstones.
35bcda	73UT4	UB4P	Hand specimen from bluff at west side of State Road 88, south of Fort Duchesne. Coarse-grained sandstone.

Table 8.--Laboratory analyses of rock samples from the Uinta Basin area

Location: See data-site numbering systems in text.
Hydraulic conductivity[1/]: In metres per day
Ratio (H/V): Ratio of horizontal to vertical hydraulic conductivity.
Dry weight: In grams per cubic centimetre.

Statistical characteristics from grain-size analysis: Parameters are derived by computer from the distribution of grain size (in percent by weight) in samples that were sieved.

Median size, in millimetres = d_{50}, where d is the grain diameter; sorting coefficient = $\sqrt{Q_3/Q_1}$, where Q is the quartile; skewness = $(Q_1)(Q_3)/(d_{50})^2$; kurtosis = $(Q_3-Q_1)/2\cdot(P_{90}-P_{10})$, where P is the percentile; uniformity coefficient = d_{60}/d_{10}.

Location	Lab. No.	Hydraulic conductivity m/d Horizontal	Hydraulic conductivity m/d Vertical	Ratio (H/V)	Total porosity (percent)	Dry weight (g/cc)	Specific gravity of solids	Statistical characteristics from grain-size analysis: Median size (mm)	Sorting coefficient	Skewness	Kurtosis	Uniformity coefficient
Sample from rock of Mississippian age												
U(A-2-1)7adbb	75UT6	3.4×10^{-6}	-	-	9.7	2.43	-	-	-	-	-	-
Samples from the Weber Sandstone												
(D-3-20)5ccbc	73UT17a	6.9×10^{-2}	-	-	12.8	2.32	2.66	-	-	-	-	-
		5.2×10^{-2}	-	-	-	-	-	-	-	-	-	-
	73UT17b	-	-	-	16.5	2.23	2.67	-	-	-	-	-
8dabd	75UT8	8.6×10^{-2}	-	-	-	-	-	-	-	-	-	-
S(B-4-104)36ddd-1	74UT10	4.3×10^{-3}	-	-	13.7	-	2.70	-	-	-	-	-
U(A-2-1)18abab	75UT5	2.2×10^{-2}	-	-	18.8	2.20	2.71	0.15	1.4	0.91	0.29	2.3
Samples from the Navajo Sandstone												
(D-3-22)5dcbb	73UT1	1.8×10^{-2}	1.4x10	12.9	21.4	2.13	2.71	0.13	1.5	0.87	0.30	2.9
(D-6-24)5cdbb	73UT15	4.4×10^{-1}	-	-	30.0	1.89	2.70	-	-	-	-	-
U(C-1-8)4dacd	73UT7	6.2×10^{-4}	-	-	22.1	2.09	2.68	.16	1.4	.92	.29	2.5
Sample from the Dakota Sandstone												
(D-3-21)35adbc	75UT7	5.6×10^{-5}	-	-	8.2	2.45	2.67	0.29	1.4	0.86	0.30	2.5
Sample from the Currant Creek Formation												
U(C-1-8)13cbdb	73UT6	4.4×10^{-1}	3.7×10^{-1}	1.19	23.6	2.07	2.71	-	-	-	-	-
Samples from the Uinta Formation												
U(C-3-3)10cbbc	75UT3	1.1×10^{-1}	9.7×10^{-3}	11.3	16.0	2.26	2.69	0.15	1.4	0.86	0.29	2.8
U(C-3-7)34aaac	74UT7	9.9×10^{-2}	1.4×10^{-1}	.70	23.1	-	2.68	.25	1.6	.97	.23	4.1
U(C-3-8)22ccbd	74UT8	4.9×10^{-2}	-	-	22.3	-	2.73	.23	1.8	.74	-	-
U(C-3-10)33cdbb	74UT11	6.4×10^{-3}	-	-	12.7	-	2.67	.22	1.5	1.0	.26	3.5
Samples from the Duchesne River Formation												
(D-4-20)34bdba	73UT2	4.8×10^{-4}	7.2×10^{-4}	0.67	24.7	2.07	2.75	0.13	1.6	0.83	-	-
	73UT3	-	-	-	9.8	2.39	2.65	-	-	-	-	-
(D-6-20)8bccc	73UT13	1.0×10^{-5}	1.4×10^{-3}	.007	13.5	2.38	2.75	.12	1.4	.74	-	-
		2.4×10^{-4}	1.4×10^{-3}	.17	-	-	-	-	-	-	-	-
(D-7-25)18aabb	73UT14	4.1×10^{-2}	-	-	14.8	2.30	2.70	.27	1.8	.72	.26	6.0
U(A-1-1)26ddbc	74UT2	-	-	-	10.8	-	2.69	.38	2.4	.72	.21	175
U(B-1-1)4cbdd	75UT4	7.7×10^{-5}	3.8×10^{-5}	2.1	7.0	2.53	2.72	.15	2.4	.79	-	-
U(B-1-5)29bcab	75UT2	7.2×10^{-5}	-	-	14.3	2.33	2.72	.24	1.7	.87	.27	5.4
U(B-2-3)27dddd	74UT14	9.9×10^{-3}	3.3×10^{-3}	3.0	8.9	-	2.71	.18	1.7	.88	-	-
U(C-1-5)36aaaa	74UT4	-	-	-	30.3	-	-	.20	1.4	1.2	.22	1.8
36aaab	74UT6	1.0	2.6×10^{-1}	3.8	24.9	-	2.69	.17	1.3	1.0	.18	2.5
36aaba	74UT5	-	-	-	9.8	-	2.66	.26	1.8	.74	.23	15
U(C-2-2)7baaa	74UT13	1.2×10^{-1}	-	-	32.0	-	2.69	.34	1.3	1.0	.20	2.5
11bada	74UT12	1.2×10^{-1}	-	-	29.3	-	2.73	.29	1.4	.90	.31	2.2
26cbcb	73UT5	8.7×10^{-2}	8.4×10^{-2}	1.0	41.1	1.59	2.70	.38	1.4	1.0	.22	2.6
U(C-2-3)21bcdb	74UT3	3.1×10^{-1}	-	-	25.0	-	2.68	.16	1.5	.89	.22	3.4
U(C-2-4)7ccdd	73UT11	2.3×10^{-1}	-	-	26.3	1.99	2.70	.23	1.4	1.1	.29	2.0
	73UT12	-	-	-	10.7	2.43	2.72	-	-	-	-	-
30cdba	73UT10	2.3×10^{-1}	-	-	27.7	1.93	2.67	.17	1.3	1.0	.24	2.2
U(C-2-7)3ccac	73UT8	1.1×10^{-1}	-	-	26.3	1.99	2.70	.27	1.5	.88	.31	2.4
	73UT9	-	-	-	11.8	2.40	2.72	-	-	-	-	-
U(C-2-10)36caab	75UT1	1.5×10^{-2}	-	-	21.8	-	2.71	.17	1.3	1.0	.17	4.1
U(D-1-1)36cbda	74UT1	1.5×10^{-2}	1.9×10^{-2}	.79	22.9	2.12	2.75	.29	1.7	.76	.23	7.6
U(D-2-1)6ccba	73UT16	1.7×10^{-5}	1.4×10^{-6}	12.1	17.1	2.28	2.75	-	-	-	-	-
35bcda	73UT4	3.5×10^{-2}	-	-	21.8	2.15	2.75	-	-	-	-	-
U(C-2-2)2ccc-1 (drill cuttings)		Depth reported by driller	Depth adjusted from geophysical logs									
	74UT15	135-145	135-140					.17	1.3	1.0	.21	2.2
	74UT16	185-195	185-195					.21	1.3	1.1	.25	2.2
	74UT17	205-215	205-215					.20	1.5	1.1	.23	2.3
	74UT18	305-315	300-310					.23	1.5	1.1	.28	2.5
	74UT19	355-365	350-360					.27	1.6	1.0	.24	2.5
	74UT20	365-375	360-370					.20	1.4	1.1	.23	2.3
	74UT21	415-425	410-420					.22	1.5	1.1	.27	2.1
	74UT22	615-625	609-619					.28	1.5	.90	.31	2.4
	74UT23	645-655	639-649					.23	1.5	1.1	.29	2.1
	74UT24	705-715	692-698					.15	1.4	.93	.24	2.4
	74UT25	755-765	748-758					.18	1.3	1.0	.19	1.9
	74UT26	855-865	842-854					.21	1.5	1.1	.26	2.5

1/ The hydraulic conductivity of a water-bearing material is the volume of water that will move through a unit cross section of the material in unit time under a unit hydraulic gradient. The units for hydraulic conductivity are cubic feet per day per square foot ($ft^3/d/ft^2$), which reduces to ft/d, or cubic metres per day per square metre ($m^3/d/m^2$), which reduces to m/d. The term hydraulic conductivity replaces the term field coefficient of permeability, which was formerly used by the U.S. Geological Survey and which was reported in units of gallons per day per square foot. To convert a value for field coefficient of permeability to the equivalent value of hydraulic conductivity divide by 7.48; to convert from hydraulic conductivity to coefficient of permeability, multiply by 7.48. To convert from m/d to f/d, multiply by 3.28.

Location: See data-site numbering systems in text.

For consolidated and semiconsolidated specimens, standard laboratory procedure is mechanical disaggregation and dry sieving. Digestive disaggregation and wet sieving is used only in special cases.
Numbers show distribution of particle size as percent of sample by weight. Clay and silt mainly determined by difference between weight of sample and sum of weights of sand and gravel.

Location	Lab. No.	Particle-size diameter, in millimeters										
			Sand					Gravel				
		Clay and silt <0.0625	Very fine 0.0625-0.125	Fine 0.125-0.25	Medium 0.25-0.5	Coarse 0.5-1.0	Very coarse 1.0-2.0	Very fine 2.0-4.0	Fine 4.0-8.0	Medium 8.0-16.0	Coarse 16.0-32	Very coarse 32-64
					Sample from the Weber Sandstone							
U(A-2-1)18abab	75UT5	3.6	28.7	66.1	1.6	.1	0	0	0	0	0	0
					Samples from the Navajo Sandstone							
(D-3-22)5dcbb	73UT1	13.4	35.1	49.9	1.6	0	0	0	0	0	0	0
U(C-1-8)4dacd	73UT7	5.0	25.4	59.6	9.9	0	0	0	0	0	0	0
					Sample from the Dakota Sandstone							
(D-3-21)35adbc	75UT7	2.7	6.0	28.1	60.8	2.2	.2	0	0	0	0	0
					Samples from the Uinta Formation							
U(C-3-3)10cbbc	75UT3	10.0	22.6	61.0	5.9	.2	0	0	0	0	0	0
U(C-3-7)34aaac	74UT7	8.2	6.6	34.2	36.5	14.4	.1	0	0	0	0	0
U(C-3-8)22ccbd	74UT8	15.5	11.5	26.1	43.3	3.7	.1	0	0	0	0	0
U(C-3-10)33cdbb	74UT11	8.1	8.1	42.4	37.5	3.9	0	0	0	0	0	0
					Samples from the Duchesne River Formation							
(D-4-20)34bdba	73UT2	19.7	30.0	44.9	5.4	0	0	0	0	0	0	0
(D-6-20)8bccc	73UT13	28.5	24.2	37.1	9.5	.6	0	0	0	0	0	0
(D-7-25)18aabb	73UT14	12.4	13.1	21.0	38.9	14.6	0	0	0	0	0	0
U(A-1-1)26ddbc	74UT2	19.3	4.9	11.3	24.3	23.1	11.1	5.5	.4	0	0	0
U(B-1-1)4cbdd	75UT4	26.7	17.3	22.4	25.0	7.0	.7	0	0	0	0	0
U(B-1-5)29bcab	75UT2	10.9	11.4	28.5	38.1	10.2	.2	0	0	0	0	0
U(B-2-3)27dddd	74UT14	16.4	13.2	39.0	31.3	.2	0	0	0	0	0	0
U(C-1-5)36aaaa	74UT4	3.2	5.1	59.4	22.3	5.6	3.4	.9	.1	0	0	0
36aaab	74UT6	4.4	18.5	61.0	12.2	3.7	.2	0	0	0	0	0
36aaba	74UT5	16.6	7.8	22.7	40.3	7.5	.7	3.4	1.0	0	0	0
U(C-2-2)2ccc-1												
depth 135-140	74UT15	.8	21.9	63.9	13.0	.3	0	0	0	0	0	0
185-195	74UT16	.5	12.2	51.5	30.0	5.6	.2	0	0	0	0	0
205-215	74UT17	.4	14.3	53.1	26.2	5.9	.1	0	0	0	0	0
300-310	74UT18	.7	10.9	42.6	36.5	5.2	.9	2.4	.8	0	0	0
350-360	74UT19	.3	7.6	37.0	40.5	13.2	1.3	0	0	0	0	0
360-370	74UT20	.5	13.9	53.4	27.2	2.4	1.1	1.0	.4	0	0	0
410-420	74UT21	.3	9.4	48.9	31.0	9.9	.4	0	0	0	0	0
609-619	74UT22	.2	7.1	35.6	50.0	6.7	.4	0	0	0	0	0
639-649	74UT23	.3	8.2	47.8	37.1	6.3	.1	0	0	0	0	0
692-698	74UT24	2.0	31.8	52.4	13.3	.5	0	0	0	0	0	0
748-758	74UT25	.6	11.9	69.9	15.6	1.9	.1	0	0	0	0	0
842-854	74UT26	.6	15.2	47.4	35.4	1.4	0	0	0	0	0	0
U(C-2-2)7baaa	74UT13	1.2	1.6	22.4	53.8	20.8	.1	0	0	0	0	0
11bada	74UT12	1.1	1.7	35.9	59.6	1.7	0	0	0	0	0	0
26cbcb	73UT5	2.5	1.4	14.8	53.5	27.6	.5	0	0	0	0	0
U(C-2-3)21bcdb	74UT3	11.4	18.0	54.6	15.7	.4	0	0	0	0	0	0
U(C-2-4)7ccdd	73UT11	2.0	2.4	51.0	42.2	2.4	0	0	0	0	0	0
30cdba	73UT10	4.4	12.9	76.4	6.3	0	0	0	0	0	0	0
U(C-2-7)3ccac	73UT8	4.1	5.1	34.4	53.1	3.4	0	0	0	0	0	0
U(C-2-10)36caab	75UT1	12.1	9.7	62.4	14.6	1.1	.1	0	0	0	0	0
U(D-1-1)36cbda	74UT1	12.8	6.0	20.6	46.6	12.9	1.2	0	0	0	0	0

Location: See data-site numbering systems in text. D, well deepened, or S, well plugged back, in year shown in table 2 or table 4 as year constructed.
Date of sample: Given as year-month-day; for some petroleum tests may be date of analysis. Some wells sampled prior to completion.
Geologic unit: See table 1 for explanation of code.
Specific conductance: In micromhos per centimetre at 25°C.
Sodium-adsorption ratio: E, estimated from data that include dissolved potassium with dissolved sodium.

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
(A- 1-21)33BDD-S1	73-07-26	1300	400MUTL	--	--	--	5.0	6.0	80	4.7	1.0	1.3	--	1.0
(A- 1-22)20BCA-S1	73-07-26	1645	400MUTL	--	--	--	6.0	11	60	11	1.9	1.8	--	.6
(D- 1-20)12DCA- 1	73-09-19	1230	400MUTL	160	--	--	4.5	10	510	11	2.6	1.8	--	.6
(D- 1-21)27CBB- 1	67-09-29	--	122BRPK	58	--	--	--	13	0	72	21	5.0	--	1.0
	68-03-14	--	122BRPK	58	--	--	--	12	0	56	23	2.0	--	1.0
	72-06-14	--	122BRPK	58	--	58	3.5	12	20	88	17	1.9	--	.5
(D- 1-21)30CBC-S1	72-06-14	--	122BRPK	--	--	--	3.5	6.4	190	10	1.7	.9	--	1.1
(D- 1-21)31CCC-S1	71-09-02	--	122BRPK	--	--	--	5.5	--	--	--	--	--	--	--
(D- 1-22)20ABC-S1	73-08-30	1600	122BRPK	--	--	--	10.5	15	0	96	13	2.0	--	.8
(D- 2-19)31DCC-S1	72-05-11	--	230TRSC	--	--	--	6.5	15	430	47	6.7	3.5	--	1.2
(D- 2-21)24CBB-S1	67-05-16	--	310WEBR	--	--	--	6.0	--	--	25	6.6	1.4	--	2.3
(D- 2-21)33DCD-S1	73-05-17	--	310PRKC	--	--	--	8.0	18	50	440	76	24	--	2.4
(D- 2-22)13CCD-S1	67-05-17	--	310WEBR	--	--	--	7.5	--	--	61	15	3.0	--	2.7
(D- 2-22)24CCD-S1	73-05-17	--	310PRKC	--	--	--	9.0	10	20	90	31	4.5	--	.6
(D- 2-22)24CCD-S2	73-05-17	--	310PRKC	--	--	--	12.0	22	20	420	74	10	--	1.5
(D- 2-22)24CCD-S3	67-05-17	--	310PRKC	--	--	--	11.0	--	--	65	27	3.7	--	1.2
(D- 2-22)29DCD- 1	73-07-18	1620	310WEBR	630	--	--	10.0	6.3	20	100	24	3.2	--	4.0
(D- 2-22)31ADC-S1	50-08-08	--	310WEBR	--	--	--	10.0	8.8	--	48	23	2.3	--	1.3
	71-08-31	--	310WEBR	--	--	--	12.0	--	--	--	--	--	--	--
(D- 2-22)32BCB- 2	51-12-11	--	310WEBR	87	--	87	--	5.8	0	55	16	--	7.6	--
(D- 2-22)32BCB- 3	67-05-16	--	310WEBR	1573	--	1573	12.0	--	--	51	27	3.2	--	2.3
	71-08-31	--	310WEBR	1573	--	1573	12.5	9.4	0	48	27	3.1	--	1.1
	72-05-12	0955	310WEBR	1573	--	--	12.5	--	--	--	--	--	--	--
	72-06-14	1540	310WEBR	1573	--	--	11.5	--	--	--	--	--	--	--
	72-10-05	1510	310WEBR	1573	--	--	12.0	--	--	--	--	--	--	--
	72-11-15	--	310WEBR	1573	--	--	13.5	--	--	--	--	--	--	--
	73-04-24	1645	310WEBR	1573	--	--	11.5	--	--	--	--	--	--	--
	73-05-04	0845	310WEBR	1573	--	--	11.5	--	--	--	--	--	--	--
	74-03-22	1445	310WEBR	1573	--	--	12.0	--	--	--	--	--	--	--
	74-06-19	1400	310WEBR	1573	--	--	12.0	--	--	--	--	--	--	--
(D- 2-22)33DAA- 1	67-09-04	--	310PRKC	--	--	--	--	17	30	484	195	50	--	4.0
(D- 2-23) 6CAA- 1	73-08-30	1500	122BRPK	--	--	--	11.5	34	0	48	6.4	4.4	--	1.0
(D- 2-24) 7DBB- 1	73-08-30	1145	122BRPK	86	--	--	9.5	41	0	66	15	7.8	--	3.5
(D- 2-24) 9CAA- 1	73-08-30	1245	122BRPK	99	--	--	8.5	19	0	64	5.7	2.4	--	1.4
(D- 3- 8)33BDA-S1	71-08-25	--	310WEBR	--	--	--	5.0	--	--	--	--	--	--	--
(D- 3-19)11CBC-S1	54-07-29	--	330MSSP	--	--	--	7.0	--	--	--	--	--	--	--
	55-07-26	--	330MSSP	--	--	--	--	15	--	23	6.0	1.7	--	.5
	55-08-09	--	330MSSP	--	--	--	--	7.1	--	25	5.7	1.4	--	.5
	67-05-15	--	330MSSP	--	--	--	7.0	--	--	21	6.3	.9	--	1.6
	68-07-30	--	330MSSP	--	--	--	8.0	5.3	--	18	8.0	.9	--	.5
(D- 3-19)22CDA- 1	73-05-21	--	220NVJO	40	--	--	9.5	--	--	--	--	--	--	--
(D- 3-19)23BBB- 1	73-05-21	1100	220NVJO	226	--	--	--	13	20	83	22	3.2	--	1.3
(D- 3-20) 1DCC-S1	55-08-12	--	310WEBR	--	--	--	--	7.9	--	22	4.8	1.4	--	.3
	57-10-22	--	310WEBR	--	--	--	--	5.6	--	22	5.6	--	.9	--
	58-05-09	--	310WEBR	--	--	--	--	5.5	--	14	3.6	--	.9	--
	58-07-10	--	310WEBR	--	--	--	9.0	4.5	--	18	4.1	--	4.3	--
	67-05-17	--	310WEBR	--	--	--	13.0	--	--	17	4.9	.7	--	1.2
	68-07-29	--	310WEBR	--	--	--	9.0	4.5	--	14	7.8	.9	--	.4
(D- 3-20) 5CCB- 1	54-07-28	--	1120TSH	93	--	30	--	--	--	--	--	--	--	--
(D- 3-20) 5CCC-S1	58-07-11	--	1120TSH	--	--	--	9.0	5.1	--	18	3.6	--	2.0	--
(D- 3-20)15BCA- 1	54-07-28	--	1120TSH	52	--	52	10.5	--	--	--	--	--	--	--
	55-08-12	--	1120TSH	52	--	52	11.0	11	--	45	33	5.1	--	1.9
(D- 3-20)15BCA-S1	54-07-28	--	1120TSH	--	--	--	14.5	--	--	--	--	--	--	--
	55-08-11	--	1120TSH	--	--	--	14.5	15	--	98	34	2.9	--	3.8
(D- 3-20)23ADB-S1	54-07-28	--	231CHNL	--	--	--	16.5	--	--	--	--	--	--	--
	55-08-11	--	231CHNL	--	--	--	11.5	24	--	148	57	13	--	5.8
(D- 3-20)25ABC- 2	72-03-29	--	1120TSH	43	--	43	7.0	11	50	82	31	6.7	--	.9
(D- 3-21)20BAA- 1	39-08-03	--	231SRMP	210	--	210	--	7.5	<10	98	27	--	28	--
	71-09-02	--	231SRMP	210	--	--	10.0	--	--	--	--	--	--	--
	73-05-01	--	231SRMP	210	--	--	--	--	--	73	20	16	--	2.8
(D- 3-21)28DBA- 1	29-08-29	--	310WEBR	1595	--	1595	--	--	--	70	31	19	--	--
	30-08-06	1159	310WEBR	2147	--	1851	--	--	--	70	31	9.2	--	--
	30-08-06	1201	310WEBR	2147	--	2147	--	--	--	70	33	8.0	--	--
	34-05-25	1159	310WEBR	2552	--	2382	--	--	--	76	14	--	39	--
	34-05-25	1201	310WEBR	2552	--	2552	--	--	--	75	30	--	3.0	--
	67-07-11	-	310WEBR	2552	--	2552	--	7.0	0	188	28	6.0	--	3.0
(D- 3-21)30CBD- 1D	72-03-15	--	231SRMP	380	--	380	--	7.2	10	4.3	1.7	120	--	4.0
(D- 3-21)30DCD- 1	48-10-05	--	220NVJO	138	--	138	10.5	8.9	--	8.0	4.6	--	129	--
	57-10-21	--	220NVJO	138	--	138	10.5	7.1	--	4.4	2.7	--	130	--
	58-07-12	--	220NVJO	138	--	138	17.0	11	--	4.8	1.7	--	134	--
	58-10-08	--	220NVJO	138	--	138	11.0	7.9	--	5.2	1.7	--	135	--
	59-10-20	--	220NVJO	138	--	138	10.0	7.5	--	5.4	2.1	--	131	--
	71-09-02	--	220NVJO	138	--	--	19.0	--	--	--	--	--	--	--
	72-03-02	1115	220NVJO	138	--	--	7.0	--	--	--	--	--	--	--
	72-08-01	1445	220NVJO	138	--	--	--	--	--	--	--	--	--	--
	73-03-22	1350	220NVJO	138	--	--	7.0	--	--	--	--	--	--	--
	73-06-14	0805	220NVJO	138	--	--	14.0	--	--	--	--	--	--	--
	73-08-13	1025	220NVJO	138	--	--	15.5	--	--	--	--	--	--	--
	74-03-22	1335	220NVJO	138	--	--	8.0	--	--	--	--	--	--	--

water wells, springs, and petroleum-test wells

Agency analyzing sample: U.S. Geological Survey unless noted: BR, U.S. Bureau of Reclamation; DH, Utah Division of Health; PL, private laboratory; SU, Utah State University.
Note: Some older analyses are given in parts per million (or parts per billion for iron and boron) because the data needed to convert the values to milligrams per litre (or micrograms per litre) were not reported. These analyses are indicated by underlined date of sample.

BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (NO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	SODIUM ADSORPTION RATIO	PH (UNITS)	AGENCY ANALYZING SAMPLE
22	0	5.7	1.3	.0	--	.15	--	.06	10	--	33	16	0	39	.1	7.9	
38	0	7.1	1.3	.0	--	.07	--	.06	30	--	54	35	4	72	.1	7.6	
48	0	3.7	1.9	.1	--	.42	--	.03	20	--	58	38	0	81	.1	6.5	
331	1	6.0	12	.2	1.3	--	.30	--	90	298	294	267	0	500	.1	--	DH
264	1	4.0	12	.2	1.0	--	1.8	--	50	300	241	236	18	445	.1	--	DH
353	0	6.2	3.3	.0	--	.87	--	.00	20	--	306	290	0	541	.0	7.3	
32	0	5.7	2.8	.0	--	.04	--	.09	30	--	45	32	6	65	.1	7.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
348	0	6.9	3.5	.1	--	.06	--	.06	20	--	309	290	8	536	.1	7.5	
170	0	15	2.6	.1	--	.41	--	.00	10	--	177	140	6	295	.1	6.6	
95	0	15	.7	--	--	--	--	--	--	119	98	90	12	163	.1	8.0	PL
278	0	1200	11	.7	--	.00	--	.03	130	--	1910	1400	1200	2180	.3	7.0	
236	0	25	3.6	--	--	--	--	--	--	224	226	214	20	382	.1	7.7	PL
280	0	140	3.6	.3	--	.10	--	.00	30	--	419	350	120	670	.1	7.4	
229	0	1200	3.6	.6	--	.00	--	.06	90	--	1840	1400	1200	2100	.1	7.0	
249	0	71	3.6	--	--	--	--	--	--	290	294	273	69	477	.1	7.7	PL
178	0	210	3.1	.7	--	.06	--	.03	40	--	440	350	200	695	.1	7.5	
215	0	36	2.1	.3	.50	--	--	.00	10	226	228	214	38	399	.1	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	325	--	--	
210	0	36	3.6	.0	.31	--	--	--	--	232	--	200	31	--	--	7.7	DH
232	0	53	2.8	--	--	--	--	--	--	253	--	--	--	423	.1	7.8	
237	0	44	4.3	.1	--	.08	--	.03	--	--	254	230	37	437	.1	7.8	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	405	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	430	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	430	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	405	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	430	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	395	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	450	--	--	
176	0	1937	18	.2	.50	--	.20	--	100	3118	2790	2008	1900	2510	.5	7.6	DH
175	0	8.4	2.3	.0	--	1.7	--	.21	20	--	199	150	3	301	.2	7.7	
244	0	16	9.2	.2	--	4.0	--	.25	40	--	297	230	26	463	.2	7.7	
207	0	11	5.2	.1	--	2.1	--	.43	20	--	221	180	14	367	.1	7.6	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	295	--	--	
84	0	9.1	--	--	--	--	--	--	--	--	--	74	5	150	--	7.9	
90	0	10	4.0	--	.50	--	--	--	--	--	105	82	8	167	.1	--	
98	0	7.0	2.0	--	.60	--	--	--	--	--	97	86	6	171	.1	7.5	
82	0	14	.7	--	--	--	--	--	--	88	84	78	11	151	.0	7.7	PL
87	0	7.8	1.1	.0	.50	--	--	--	0	90	85	79	8	151	.0	7.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	610	--	--	
276	0	74	2.2	.1	--	.32	--	.00	70	--	336	300	71	559	.1	7.0	
88	0	3.0	1.2	--	--	--	--	--	--	--	84	76	4	152	.1	7.3	
92	0	3.1	.5	--	.80	--	--	--	--	--	84	78	3	155	.0	7.1	
56	0	4.3	.2	--	.40	--	--	--	--	67	57	49	3	97	.1	7.4	
72	0	8.6	1.0	--	1.2	--	--	--	--	80	77	61	2	122	.2	7.3	
63	0	9.1	2.5	--	--	--	--	--	--	78	66	63	11	119	.0	7.8	PL
76	0	3.8	1.0	.0	.60	--	--	--	0	83	70	66	4	125	.0	7.4	
162	0	--	--	--	--	--	--	--	--	--	--	134	1	262	--	6.9	
72	0	3.3	1.0	--	.70	--	--	--	--	76	69	60	1	124	.1	7.4	
376	0	17	--	--	--	--	--	--	--	--	--	324	16	568	--	7.9	
368	0	13	3.0	--	--	--	--	--	--	--	--	246	0	571	.1	7.7	
423	0	17	--	--	--	--	--	--	--	--	--	360	13	643	--	8.0	
443	0	16	1.0	--	--	--	--	--	--	--	--	383	20	684	.1	7.2	
474	0	251	--	--	--	--	--	--	--	--	--	612	223	1080	--	7.7	
424	0	268	4.0	--	13	--	--	--	--	--	742	606	258	1070	.2	7.3	
318	0	68	2.7	.3	--	.74	--	.00	70	--	362	330	72	587	.2	7.4	
185	--	231	16	.3	<.01	--	--	--	--	550	--	356	--	--	E.6	--	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	570	--	--	
185	0	150	7.4	--	--	--	--	--	--	--	--	260	110	596	.4	7.1	
230	--	149	.0	--	--	--	--	--	--	432	382	302	113	--	.5	--	
225	--	132	M.0	--	--	--	--	--	--	428	353	300	120	--	E.2	--	
215	--	145	M.0	--	--	--	--	--	--	583	362	310	130	--	E.2	--	
205	--	152	4.0	--	--	--	--	--	--	402	386	250	79	--	E1.1	--	
205	--	140	3.0	--	--	--	--	--	--	397	353	310	140	--	E.1	--	
210	1	418	7.0	1.1	.00	--	.70	--	0	818	763	584	410	1000	.1	--	DH
291	0	49	5.9	.5	--	.01	--	.00	60	--	336	18	0	526	12	8.1	
286	0	77	3.0	--	1.0	--	--	--	--	--	372	39	0	568	E9.0	--	
284	0	65	3.5	--	.10	--	--	--	--	--	353	22	0	579	12	7.8	
284	--	67	4.0	.6	.40	--	--	--	--	366	364	19	0	580	13	8.2	
264	12	68	5.0	--	.30	--	--	--	--	--	365	20	0	579	13	8.5	
261	12	65	4.0	--	.40	--	--	--	--	--	355	22	0	578	12	8.5	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	635	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	440	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	555	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	530	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	525	--	--	

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
(D- 3-21)30DDC- 1	47-12-11	--	310WEBR	2715	--	1350	--	6.4	0	52	27	--	7.4	--
	51-12-11	--	310WEBR	2715	--	2715	--	11	--	88	26	--	11	--
	57-10-22	--	310WEBR	2715	--	2715	17.0	9.1	--	88	29	--	13	--
	58-07-12	--	310WEBR	2715	--	2715	17.0	9.5	--	85	32	--	12	--
	58-10-08	--	310WEBR	2715	--	2715	16.5	10	--	95	28	--	9.0	--
	64-10-06	--	310WEBR	2715	--	2715	17.0	--	--	--	--	--	--	--
(D- 3-21)30DDC- 2	73-05-01	--	310WEBR	1230	--	--	17.0	9.7	130	81	31	6.5	--	3.1
(D- 3-21)31ABA-S1	58-07-11	--	110WDBS	--	--	--	11.5	17	--	78	49	--	21	--
(D- 3-21)34AAD- 1	67-07-07	--	220NVJO	50	--	50	--	7.9	--	40	38	--	13	--
	67-07-23	--	220NVJO	248	80	248	11.5	7.2	--	34	36	--	10	--
	67-12-06	--	220NVJO	248	--	248	10.5	--	170	--	--	--	--	--
	71-07-14	--	220NVJO	248	--	--	--	8.0	0	42	34	8.0	--	2.0
(D- 3-25) 1BDA-S1	68-07-30	--	324MRGN	--	--	--	14.0	10	--	39	17	2.7	--	.8
(D- 3-25) 1BDB-S1	65-09-10	--	324MRGN	--	--	--	13.0	11	--	46	14	2.7	--	.7
	68-06-13	--	324MRGN	--	--	--	12.0	13	--	38	18	2.7	--	.9
(D- 3-25)11DCC-S1	69-09-24	--	310WEBR	--	--	--	12.0	11	--	46	28	4.8	--	1.6
(D- 3-25)19CDD-S1	70-05-21	--	220NVJO	--	--	--	10.5	15	--	40	26	6.7	--	1.4
(D- 3-25)22DDA-S1	48-09-19	--	310WEBR	--	--	--	14.5	15	--	143	42	--	4.1	--
(D- 4- 8)16AAB-S1	71-08-25	--	120TRTR	--	--	--	--	--	--	--	--	--	--	--
(D- 4-20)12ABB- 1	65-01-11	--	220NVJO	1200	--	--	--	10	50	145	45	15	--	5.0
	72-05-10	--	220NVJO	1200	--	1200	15.0	12	540	140	45	18	--	4.7
(D- 4-20)16CDD-S1	72-05-10	--	123DCRV	--	--	--	12.5	12	20	78	33	12	--	1.4
(D- 4-21) 2CCA- 1	64-07-27	--	1120TSH	16	--	--	--	--	700	118	29	--	18	--
(D- 4-21) 7BCB- 1	73-05-01	--	220NVJO	882	--	--	15.0	11	190	120	36	13	--	4.3
(D- 4-21) 9BCC- 1	73-05-01	--	1120TSH	26	--	--	11.0	5.9	90	32	9.5	5.2	--	.7
(D- 4-21)10BBB- 1D	58-07-10	--	1120TSH	34	--	34	--	7.1	--	62	11	--	6.8	--
(D- 4-21)10BCC- 1	73-05-02	--	1120TSH	20	--	--	12.0	6.6	20	88	19	4.9	--	2.3
(D- 4-21)11CBC- 1	73-05-02	--	1120TSH	15	--	--	11.0	11	740	110	37	9.8	--	3.0
(D- 4-21)11DBB- 2	53-06-10	--	1120TSH	30	--	30	--	.1	--	101	33	--	3.9	--
(D- 4-21)13BBB- 1	73-05-02	--	1120TSH	26	--	--	11.0	9.5	180	78	35	11	--	1.2
(D- 4-21)16CCC- 1	53-02-27	--	310WEBR	7960	7867	7960	--	10	2000	28	--	--	120	--
	53-03-03	--	220NVJO	7960	5852	6600	--	10	1000	35	--	--	675	--
(D- 4-21)20AAA- 2	73-05-01	--	1120TSH	28	--	--	11.0	27	3800	110	61	25	--	.8
(D- 4-21)22ADA- 1	73-05-02	--	1120TSH	23	--	--	11.0	23	70	120	66	26	--	1.1
(D- 4-21)24ADA- 2	73-05-03	--	1120TSH	20	--	--	8.0	38	30	91	47	21	--	2.5
(D- 4-21)26ACB- 1	73-05-03	--	1120TSH	20	--	--	11.0	22	40	120	59	19	--	.9
(D- 4-21)29BBB- 1	73-05-01	--	1120TSH	60	--	--	9.5	15	50	470	66	16	--	2.2
(D- 4-21)35CAD- 1	73-05-03	--	1120TSH	35	--	--	5.0	30	190	570	79	32	--	1.2
(D- 4-22)32DCD- 1	73-07-12	1400	1120TSH	56	--	--	12.0	13	1200	820	770	1100	--	19
(D- 4-23)23DDA-S1	58-11-18	--	310PRKC	--	--	--	15.5	11	--	140	53	--	15	--
(D- 4-23)26CAB- 2	57-10-22	--	221ENRD	168	--	168	--	11	--	58	29	--	21	--
	58-07-12	--	221ENRD	168	--	168	17.0	11	--	63	32	--	22	--
	58-10-02	--	221ENRD	168	--	168	--	12	--	57	30	--	23	--
	58-10-08	--	221ENRD	168	--	168	--	12	--	61	27	--	23	--
	59-10-20	--	221ENRD	168	--	168	--	11	--	63	34	--	25	--
	60-10-04	--	221ENRD	168	--	168	--	9.0	--	67	31	17	--	1.9
	62-10-09	--	221ENRD	168	--	168	--	12	--	58	30	16	--	1.6
(D- 4-23)26CAB- 3	69-05-27	--	221ENRD	965	--	--	12.0	10	--	33	23	35	--	3.6
(D- 4-23)26CAB-S1	50-05-04	--	221ENRD	--	--	--	--	10	0	78	37	--	13	--
	53-10-27	--	221ENRD	--	--	--	--	12	--	--	--	--	--	--
(D- 4-23)27BBA-S1	58-07-12	--	220NVJO	--	--	--	18.0	11	--	67	28	--	11	--
	58-10-01	--	220NVJO	--	--	--	16.0	11	--	67	26	--	11	--
(D- 4-23)27CBD-S1	58-07-12	--	211FRNR	--	--	--	15.5	16	--	221	125	--	426	--
(D- 4-23)33DCC- 1	62-02-19	--	1120TSH	57	--	--	11.5	18	--	729	173	--	98	--
(D- 4-23)35BBB- 1	58-02-12	--	1120TSH	29	--	29	--	15	--	387	232	--	616	--
	58-07-11	--	1120TSH	29	--	--	--	12	--	228	175	--	598	--
	58-10-02	--	1120TSH	29	--	29	12.0	18	--	361	243	--	679	--
	58-11-18	1030	1120TSH	29	--	29	12.0	16	--	357	226	--	504	--
	58-11-18	1620	1120TSH	29	--	--	12.5	16	--	361	216	--	532	--
(D- 4-24) 3BAA-S1	70-05-21	--	211FRNR	--	--	--	10.0	8.8	--	144	78	661	--	3.4
(D- 4-24) 3DDD-S1	67-09-12	--	220NVJO	--	--	--	15.5	9.7	--	36	27	26	--	2.1
(D- 4-24)16CDD-S1	48-09-19	--	330MSSP	--	--	--	30.0	18	--	97	32	--	193	--
(D- 4-24)30ADC- 1	58-07-11	--	112ALVM	33	--	--	--	11	--	190	74	--	53	--
	58-07-28	--	112ALVM	33	--	--	--	6.5	--	164	67	--	41	--
	58-10-01	--	112ALVM	33	--	--	13.5	12	--	139	60	--	43	--
	59-02-28	--	112ALVM	33	--	--	13.5	24	--	228	91	--	49	--
(D- 4-24)30DDC- 1	58-10-01	--	111ALVM	16	--	16	15.0	8.5	--	40	14	--	35	--
(D- 4-24)30DDC- 3	61-08-22	--	1120TSH	32	--	32	--	--	--	--	--	--	--	--
	69-05-27	--	1120TSH	32	--	32	15.0	9.4	--	46	46	66	--	2.6
(D- 4-24)32CCD- 1	63-07-05	--	221MRSN	81	--	81	10.0	9.0	--	4.8	1.5	149	--	.7
	69-05-27	--	221MRSN	81	--	81	9.0	9.2	--	1.2	.9	164	--	.6
(D- 4-24)35DAD- 1	67-09-12	--	310WEBR	300	--	300	13.5	9.4	--	56	33	4.5	--	1.4
(D- 4-24)36BDC-S1	68-06-11	--	310WEBR	--	--	--	12.0	10	--	38	24	4.0	--	1.1
	68-07-31	--	310WEBR	--	--	--	19.0	9.3	--	35	23	4.2	--	1.0
(D- 4-25)31CCA-S1	68-07-31	--	310WEBR	--	--	--	19.0	11	--	51	29	3.9	--	1.2
(D- 5-19)10ABB- 1	72-06-01	--	123DCRV	300	--	300	12.0	7.7	810	8.5	4.9	160	--	3.4
(D- 5-20) 5CAB- 1	51-03-08	--	124GRRV	6915	6475	6495	--	--	--	21	<1.0	--	975	--
	51-03-19	--	124GRRV	6915	6894	6915	--	--	--	--	--	--	697	--
(D- 5-21)33CDC- 1	48-11-02	--	124GRRV	7884	4290	4311	--	--	--	11	2.6	--	2720	--
	48-11-03	--	124GRRV	7884	4397	4411	--	--	--	13	6.8	--	3330	--

water wells, springs, and petroleum-test wells--Continued

BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
120	--	124	6.0	.5	.00	--	--	--	--	332	--	240	142	--	E.2	8.0	DH
247	--	134	1.8	.8	.27	--	--	--	--	416	--	326	124	--	E.3	7.8	DH
224	0	174	2.0	--	.20	--	--	--	--	--	425	340	156	653	E.3	7.3	
220	0	175	2.0	1.3	.40	--	--	--	--	448	425	343	163	655	E.3	7.5	
224	0	176	3.5	--	.10	--	--	--	--	--	432	352	168	654	.2	7.7	
--	--	171	1.1	--	--	--	--	--	--	--	--	--	--	628	--	7.9	
220	0	170	1.5	1.2	--	.06	--	.03	--	--	413	330	150	648	.2	7.5	
342	0	142	8.0	--	1.4	--	--	--	--	496	484	396	116	757	.5	7.6	
251	0	64	8.9	--	2.7	--	--	--	--	293	298	258	52	512	.4	7.6	
244	0	45	7.6	--	.40	--	--	--	--	264	260	236	36	462	.3	7.6	
--	--	--	--	.4	--	--	--	--	--	--	--	--	--	494	--	--	
242	2	48	6.0	.2	.80	--	.00	--	130	298	270	246	44	495	.2	--	DH
200	0	7.0	1.8	.4	2.6	--	--	--	10	180	179	168	4	317	.1	7.6	
196	0	6.4	2.7	.2	1.7	--	--	--	30	168	181	171	10	317	.1	7.9	
204	0	8.8	2.2	.4	.10	--	--	--	40	178	184	172	5	320	.1	7.7	
237	0	42	4.4	.3	.80	--	--	--	40	280	256	232	38	439	.1	8.2	
254	0	12	5.0	.2	1.0	--	--	--	20	228	232	208	0	405	.2	7.7	
189	0	363	4.0	--	.10	--	--	--	--	--	664	530	374	905	E.1	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	70	--	--	
215	0	377	10	.1	.00	--	.07	--	0	775	704	546	370	960	.3	7.6	DH
210	0	390	6.9	.3	--	.00	--	.00	30	--	721	530	360	1020	.3	7.5	
335	0	69	8.8	.3	--	.42	--	.00	20	--	381	330	56	645	.3	7.3	
423	0	86	10	.2	.20	--	--	--	--	507	470	412	65	774	.4	7.8	
196	0	300	4.1	.2	--	.00	--	.06	--	--	586	450	290	858	.3	7.2	
119	0	33	2.3	.1	--	.36	--	.09	--	--	149	120	21	255	.2	7.7	
217	0	30	1.0	--	2.9	--	--	--	--	228	228	198	20	387	.2	7.2	
297	0	54	11	.1	--	1.5	--	.09	--	--	339	300	54	577	.1	6.8	
464	0	59	9.1	.2	--	.03	--	.03	--	--	469	430	46	787	.2	7.3	
403	--	55	3.4	.2	.24	--	--	--	--	432	--	--	--	--	E.1	7.4	DH
376	0	57	3.4	.1	--	.00	--	.03	--	--	381	340	30	647	.3	7.3	
183	26	213	28	--	--	--	--	--	--	--	714	--	--	886	--	8.6	PL
0	261	705	71	--	--	--	--	--	--	--	1870	--	--	4950	--	11.7	PL
385	0	220	4.0	.7	--	1.9	--	.09	--	--	661	530	210	984	.5	7.1	
460	0	220	11	1.1	--	2.1	--	.06	--	--	704	570	190	1070	.5	7.2	
416	0	94	23	1.1	--	1.2	--	.09	--	--	528	420	80	840	.4	7.2	
381	0	250	6.5	.9	--	1.2	--	.06	--	--	672	540	230	1010	.4	7.2	
144	0	1300	2.7	.6	--	.51	--	.06	120	--	1950	1400	1300	2160	.2	7.1	
381	0	1500	15	1.1	--	1.3	--	.09	--	--	2420	1700	1400	2570	.3	7.2	
673	0	2800	1100	1.1	--	690	--	.15	1200	--	10000	5200	4700	11300	6.6	7.0	
284	0	345	6.0	--	2.1	--	--	--	--	--	712	568	335	1000	E.3	7.5	
270	0	70	12	--	.30	--	--	--	--	--	334	266	45	552	E.6	7.4	
292	0	76	14	.1	.50	--	--	--	--	366	363	291	52	603	E.6	7.7	
288	0	64	11	--	.60	--	--	--	--	--	340	268	32	566	E.6	7.8	
284	0	58	13	--	.60	--	--	--	--	--	335	262	29	549	E.6	7.6	
301	0	80	14	--	.10	--	--	--	--	--	375	295	48	615	E.6	7.4	
302	0	65	13	.3	.10	--	--	--	30	348	353	296	48	575	.4	8.1	
289	0	53	11	.2	.10	--	--	--	10	324	324	268	31	578	.4	7.6	
242	0	45	9.4	.3	1.2	--	--	.00	50	270	280	176	0	462	1.1	8.0	
272	0	124	13	.0	.30	--	--	--	--	407	409	345	124	--	E.3	7.8	DH
299	0	134	20	--	.50	--	--	--	--	--	--	363	118	752	--	7.3	
222	0	109	5.5	.0	1.0	--	--	--	--	356	342	281	99	547	E.3	7.5	
223	0	102	5.0	--	.60	--	--	--	--	--	333	273	90	529	E.3	7.8	
230	0	1700	20	.3	2.5	--	--	--	--	2770	2620	1060	875	3100	E5.7	--	
524	0	2200	14	--	4.5	--	--	--	--	3630	3490	2530	2100	3550	E.8	7.8	
214	0	2850	82	--	.60	--	--	--	--	--	4290	1920	1740	4730	E6.1	7.6	
261	0	2170	82	--	.50	--	--	--	--	3550	3390	1290	1080	3920	E7.2	7.5	
234	0	2930	95	--	.50	--	--	--	--	--	4440	1900	1710	4910	E6.8	7.5	
206	0	2550	65	--	1.0	--	--	--	--	--	3820	1820	1650	4300	5.1	7.4	
212	0	2590	55	--	.80	--	--	--	--	--	3870	1790	1620	4400	E5.5	7.5	
716	0	1440	40	2.8	1.3	--	--	--	740	2860	2730	680	93	3580	11	7.7	
233	0	55	9.0	.5	3.5	--	--	--	40	282	284	199	8	476	.8	7.7	
198	0	212	291	--	1.2	--	--	--	--	--	942	374	212	1570	E4.3	--	
270	0	615	24	--	.20	--	--	--	--	1160	1100	780	559	1450	.8	--	
268	--	545	40	1.4	.13	--	--	--	200	1007	997	686	470	--	--	7.6	
252	0	435	19	--	.60	--	--	--	--	--	833	594	387	1140	.8	7.5	
306	0	730	27	--	.10	--	--	--	--	--	1300	942	691	1630	.7	7.3	
194	0	61	7.5	--	.90	--	--	--	--	--	262	157	0	428	E1.2	7.5	
--	--	--	14	--	3.0	--	--	--	--	--	--	518	--	993	--	--	
241	0	202	18	.4	16	--	--	.00	40	544	526	304	106	823	1.6	7.9	
204	0	141	25	.4	.10	--	--	--	150	420	432	18	0	699	15	8.2	
231	0	137	21	.4	.50	--	--	.00	120	451	449	6	0	718	28	8.2	
243	0	86	4.5	.4	.80	--	--	--	20	332	315	277	78	522	.1	7.6	
208	0	26	5.4	.4	3.5	--	--	--	50	198	215	196	25	366	.1	8.0	
197	0	21	4.5	.2	4.7	--	--	--	10	200	200	184	22	352	.1	7.8	
248	0	44	2.7	.1	2.7	--	--	--	10	268	268	246	43	454	.1	7.7	
312	0	100	31	2.3	--	.51	--	.00	140	--	474	41	0	804	11	8.1	
1450	180	21	470	--	--	--	--	--	--	2440	2380	--	--	3790	--	8.9	PL
1075	140	140	180	--	--	--	--	--	--	1900	1690	--	--	2620	--	8.9	PL
3322	445	18	1750	--	--	--	--	--	--	--	8260	38	0	--	--	--	PL
6160	410	48	1080	--	--	--	--	--	--	--	11000	60	0	--	--	--	PL

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
(D- 5-21)33CDC- 1--CONT.	48-11-04	--	124WSTC	7884	6717	6731	--	--	--	11	14	--	1660	--
	48-11-05	--	124WSTC	7884	7072	7078	--	--	--	123	49	--	6720	--
(D- 5-22)22ACD- 1	60-11-04	--	310WEBR	4301	4266	4301	46.0	--	340	103	28	38	--	20
(D- 5-22)22ADD- 1	59-10-01	--	310PSPR	4293	4150	4160	--	--	--	129	28	--	552	--
(D- 5-22)22DBA- 1	59-10-01	--	310WEBR	4306	4282	4306	--	--	--	102	33	--	103	--
(D- 5-22)22DCA- 1	59-11-03	--	310WEBR	4330	4323	4330	44.5	19	--	85	27	--	52	--
(D- 5-22)23BDC- 1	59-11-01	--	310WEBR	4230	4152	4230	--	--	--	122	30	--	97	--
	59-11-03	--	310WEBR	4230	4152	4230	44.5	21	--	112	30	--	158	--
(D- 5-22)23CBA- 1	59-11-03	--	310WEBR	4152	4134	4152	43.5	20	--	93	27	--	253	--
(D- 5-22)23CCA- 1	59-11-01	--	310WEBR	4278	4097	4278	--	--	--	132	42	--	163	--
	59-11-03	--	310WEBR	4278	4097	4278	>49.0	20	--	155	38	--	198	--
(D- 5-22)23DAC- 1	49-07-01	--	310WEBR	4235	4207	4235	--	--	--	244	78	--	157	--
(D- 5-22)23DCB- 1	59-11-03	--	310WEBR	4130	4050	4130	--	27	--	109	31	--	547	--
(D- 5-22)23DCC- 1	65-06-22	--	221ENRD	2069	2063	2069	--	20	450	9.0	3.0	410	--	5.0
(D- 5-22)23DDB- 1	65-06-22	--	310WEBR	4208	4135	4208	--	24	60	245	46	125	--	27
(D- 5-22)24CCC- 1	59-11-03	--	310WEBR	4230	4134	4230	--	23	--	338	74	--	163	--
	67-02-24	--	310WEBR	4230	4134	4230	--	25	0	371	76	90	--	17
(D- 5-22)25BBB- 1S	59-10-01	--	310PSPR	4166	4141	4145	--	--	--	395	79	--	13	--
(D- 5-22)26AAB- 1	59-10-01	--	310WEBR	4243	4085	4243	--	--	--	289	60	--	174	--
(D- 5-22)26ABB- 1	49-05-22	--	310WEBR	4251	4290	4310	49.5	--	0	107	34	--	94	--
	59-11-03	--	310WEBR	4251	4096	4251	46.0	22	--	242	56	--	261	--
(D- 5-22)26ADB- 1S	65-08-26	--	221ENRD	2300	2190	2195	--	14	--	18	2.2	--	165	--
(D- 5-22)26BAB- 1	60-11-04	--	310WEBR	4287	4148	4287	49.0	20	50	192	43	171	--	27
(D- 5-22)26BCA- 1	49-05-23	--	310PSPR	4393	4372	4393	--	--	--	56	23	--	78	--
(D- 5-22)27AAA- 1	59-10-01	--	310WEBR	4290	4268	4290	--	--	--	84	31	--	8.0	--
(D- 5-23)10AAA- 1	73-03-30	1200	211FRNR	733	--	--	15.5	9.7	100	1.6	.4	550	--	1.6
(D- 5-23)18BDC- 1	49-07-16	--	310WEBR	4439	4366	4414	--	--	--	158	35	--	634	--
(D- 5-23)20BCD- 1	54-01-21	--	112OTSH	31	--	--	--	18	180	531	74	--	497	--
	58-07-11	--	112OTSH	31	--	--	--	17	--	411	145	--	389	--
(D- 5-23)21CAA- 1	39-04-26	--	211DKOT	352	--	--	--	25	600	2.4	1.5	--	300	--
(D- 5-23)26BAA- 1	65-10-19	--	220NVJO	2350	628	1320	--	--	--	14	.0	141	--	2.5
(D- 5-23)30BC -S	58-07-11	--	111ALVM	--	--	--	--	10	--	383	271	--	577	--
(D- 5-23)32ADB- 1	73-03-22	1030	112OTSH	28	--	--	8.5	14	5600	300	81	340	--	6.7
(D- 5-24)11DAC-S1	73-05-09	--	310WEBR	--	--	--	15.0	9.4	20	66	33	5.5	--	1.7
(D- 5-25)36CCC- 1	56-09-17	--	231SRMP	628	--	--	--	--	--	475	26	--	49	--
(D- 6-20)10AAC- 1S	57-09-10	--	124GRRV	8041	7748	7985	--	--	--	104	68	--	6080	--
(D- 6-20)30ADA- 1	70-11-04	--	124UINT	11950	4260	4283	--	--	--	630	165	9250	--	60
(D- 6-21)19DBB- 1	68-03-20	--	124GRRV	7728	6906	7684	--	--	--	--	--	--	--	--
(D- 6-21)27CDC- 1	65-03-08	1159	124GRRV	7650	6920	6944	--	--	0	71	25	7060	--	30
	65-03-08	1200	124WSTC	7650	7448	7462	--	--	0	193	40	8610	--	20
	65-05-12	--	124UINT	7650	3513	3532	--	--	--	424	193	6820	--	75
(D- 6-21)33ADC- 1	65-04-13	--	124WSTC	7750	7610	7623	--	--	0	174	54	8710	--	40
	65-04-20	1159	124GRRV	7750	5392	5416	--	--	0	13	3.0	2710	--	11
	65-04-20	1200	124GRRV	7750	7154	7178	--	--	0	125	40	7220	--	54
(D- 6-21)34BDC- 1	65-01-16	1159	124GRRV	7379	6830	6875	--	--	--	45	14	2990	--	40
	65-01-16	1200	124GRRV	7379	6918	6948	--	--	0	31	8.0	1620	--	35
(D- 6-21)35BBB- 1	65-03-04	--	124GRRV	7415	6760	6776	--	--	0	190	76	11200	--	40
(D- 6-22) 1DAD- 1	64-01-28	--	112OTSH	43	23	43	14.0	13	--	176	114	--	514	--
(D- 6-22) 1DDA- 1	64-01-28	--	112OTSH	40	20	40	13.0	8.0	--	124	46	--	133	--
(D- 6-22) 1DDC- 1	73-05-11	--	112OTSH	40	--	--	10.0	11	150	110	52	170	--	3.4
(D- 6-22)32DCD- 1	63-11-00	--	124GRRV	6705	5735	5756	--	--	--	32	20	--	11260	--
(D- 6-23) 1BAD- 1	57-06-25	--	310WEBR	2650	--	2650	43.5	24	0	367	69	91	--	23
	57-09-10	--	310WEBR	2650	--	2650	--	--	--	321	31	--	140	--
	58-07-13	--	310WEBR	2650	--	2650	46.0	9.7	--	357	75	--	104	--
	64-08-06	--	310WEBR	2650	--	2650	--	--	--	--	--	--	--	--
	65-11-27	--	310WEBR	2650	--	--	--	22	20	372	67	106	--	20
(D- 6-24) 5ACD-S1	73-05-11	--	310PRKC	--	--	--	16.5	16	30	240	64	88	--	27
(D- 6-25)36CAB- 1	56-09-26	--	210CRCS	1420	--	--	17.0	7.1	--	491	26	37	--	7.4
(D- 7-19)12DAD- 2	54-01-22	--	111ALVM	16	--	16	--	15	--	497	82	--	314	--
(D- 7-20) 5ADD- 1	73-04-25	0900	112OTSH	29	--	--	11.0	21	40	38	55	53	--	.6
(D- 7-20)25BC -S	48-10-06	--	111ALVM	5100	--	--	15.5	24	--	76	35	--	89	--
(D- 7-21) 3ABC- 1	68-03-20	--	124GRRV	7402	6782	7023	--	--	--	--	--	--	--	--
(D- 7-21)17DAB- 1	57-09-10	--	124GRRV	7070	6635	7010	--	--	--	3480	746	--	13170	--
(D- 7-22) 5AAA- 1	63-06-11	1200	124GRRV	--	5332	5337	--	--	0	420	<1.0	102	--	90
	63-06-11	1201	124GRRV	--	6116	6126	--	--	0	112	43	9950	--	54
(D- 7-22)14BBA- 1	70-05-01	--	124GRRV	5734	5634	5701	--	--	--	80	37	10620	--	71
(D- 7-22)14CAC- 1	70-05-01	--	124GRRV	5671	4984	5584	--	--	0	42	15	6850	--	63
(D- 7-22)14DAA- 1	70-03-07	--	124UINT	6292	2597	2616	--	--	0	8.0	4.0	1100	--	5.0
(D- 7-22)15DCA- 1	66-09-23	--	124GRRV	5624	5493	5548	--	--	--	112	24	9690	--	35
(D- 7-22)22AAC- 1	70-05-01	--	124GRRV	5682	5621	5652	--	--	--	112	50	12900	--	86
(D- 7-22)22ACC- 1S	57-09-10	--	124GRRV	6081	5430	5742	--	--	--	.0	1.0	--	5980	--
	70-05-01	--	124GRRV	6081	--	--	--	--	0	72	45	12250	--	88
(D- 7-22)22BAB- 1	70-05-01	--	124GRRV	5794	5542	5710	--	--	0	28	18	6550	--	52
(D- 7-22)22CCA- 1	71-06-15	--	124GRRV	5885	5529	5868	--	--	0	22	12	8560	--	120
(D- 7-22)23BCA- 1	70-05-01	--	124GRRV	5774	5519	5706	--	--	0	18	16	6000	--	49
(D- 7-22)24CCA- 1	55-09-19	--	124UINT	--	2624	2651	--	--	--	10	2.0	--	960	--
(D- 7-22)25CAD- 1	65-07-07	--	124GRRV	6200	6064	6086	--	--	0	95	34	6950	--	42
(D- 7-22)28CCA- 1	70-03-27	--	124GRRV	6000	5616	5820	--	--	--	80	18	12400	--	100
(D- 7-22)29ABB- 1	71-07-06	1159	124WSTC	6470	6354	6378	--	--	--	341	121	12200	--	70
	71-07-06	1201	124GRRV	6470	5788	5812	--	--	--	33	14	8090	--	74

water wells, springs, and petroleum-test wells--Continued

BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
2380	164	278	832	--	--	--	--	--	--	--	5340	85	0	--	--	--	PL
793	--	238	10100	--	--	--	--	--	--	--	18000	510	0	--	--	--	PL
386	0	244	104	--	3.2	--	--	--	280	1060	731	372	55	975	.9	7.8	
403	--	700	410	--	--	--	--	--	--	2140	2020	440	110	3100	--	8.1	PL
386	--	204	60	--	--	--	--	--	--	--	692	390	74	917	--	8.2	PL
238	0	227	4.0	--	.50	--	--	--	--	--	532	324	129	829	1.3	8.1	
264	--	319	64	--	--	--	--	--	--	907	762	430	210	1220	--	8.0	PL
260	20	379	76	--	.60	--	--	--	--	--	925	404	158	1330	3.4	8.5	
291	23	362	170	--	.50	--	--	--	--	--	1090	344	68	1590	5.9	8.6	
232	--	499	104	--	--	--	--	--	--	1290	1050	500	310	1690	--	7.0	PL
340	0	519	108	--	3.3	--	--	--	--	--	1210	544	265	1860	3.7	7.9	
500	24	653	100	--	--	--	--	--	--	1740	1500	930	480	--	--	--	PL
518	0	615	372	--	.50	--	--	--	--	--	1960	400	0	2560	12	8.0	
754	5	93	17	.5	1.2	--	1.2	--	950	1170	936	35	0	1630	30	--	DH
191	0	750	84	1.1	.12	--	1.2	--	370	1490	1400	800	650	1800	1.9	7.5	DH
280	0	1120	77	--	.30	--	--	--	--	--	1930	1150	920	2340	2.1	7.7	
121	0	1275	78	1.7	2.9	--	.03	--	80	2150	1240	1240	1100	2060	1.1	7.8	DH
220	--	1030	60	--	--	--	--	--	--	1990	1690	1300	1100	2200	--	8.1	PL
281	--	924	110	--	--	--	--	--	--	1900	1700	970	740	2440	--	8.0	PL
622	0	37	46	--	--	--	--	--	--	820	940	410	0	1250	--	8.0	PL
317	0	874	162	--	4.1	--	--	--	--	--	1780	834	574	2460	3.9	8.0	
348	0	66	42	--	.50	--	--	--	--	500	479	55	0	771	9.7	7.8	
270	0	681	116	--	.20	--	--	--	440	1410	1380	656	435	1830	2.9	7.4	
293	60	33	21	--	--	--	--	--	--	--	564	240	0	766	--	8.4	
264	--	111	16	--	--	--	--	--	--	530	380	340	120	724	--	8.0	PL
1160	43	6.0	110	6.9	--	.03	--	.09	1200	--	1300	6	0	2100	101	8.6	
77	--	1660	78	--	--	--	--	--	--	2660	2600	540	480	3670	--	7.8	PL
428	--	2140	80	.0	16	--	--	--	--	3550	--	1630	1300	--	E5.4	7.9	DH
526	0	1880	39	--	28	--	--	--	--	3390	3170	1620	1190	3580	E4.2	7.3	
878	--	92	140	--	.00	--	--	--	--	1250	--	12	0	--	E37	--	DH
--	--	82	15	--	--	--	--	--	--	1460	--	35	--	580	10	8.5	DH
572	0	2590	102	--	19	--	--	--	--	4670	4230	2070	1600	4680	E5.5	7.7	
457	0	1200	150	.1	--	.02	--	.03	150	--	2320	1100	710	2990	4.5	7.3	
220	0	120	3.3	.4	--	.51	--	.00	30	--	350	300	120	571	.1	8.3	
161	0	1210	14	--	--	--	--	--	--	--	--	1290	1160	2170	E.6	6.8	
1120	--	151	8990	--	--	--	--	--	--	16900	15900	540	0	--	115	--	
2440	0	1210	13600	--	--	--	--	--	--	--	26120	2300	250	36600	85	6.8	PL
--	--	--	6920	--	--	--	--	--	--	--	--	--	--	21000	--	--	
732	0	680	10200	--	--	--	--	--	--	--	18430	280	0	28900	184	7.4	PL
573	0	990	12700	--	--	--	--	--	--	--	22800	650	180	34900	147	7.3	PL
634	0	116	11500	--	--	--	--	--	--	--	19450	1900	1300	30600	69	7.7	PL
1280	0	975	12500	--	--	--	--	--	--	23100	--	660	0	36600	148	8.1	PL
4330	0	28	1700	--	--	--	--	--	--	6600	--	45	0	10000	176	7.9	PL
842	<1	500	10700	--	--	--	--	--	--	19100	--	480	0	29700	144	8.2	PL
1000	72	430	3800	--	--	--	--	--	--	7890	--	170	0	12500	100	8.5	PL
1340	0	280	1620	--	--	--	--	--	--	4250	--	110	0	6880	67	8.1	PL
1430	0	1130	16200	--	--	--	--	--	--	29500	--	790	0	43100	174	7.8	PL
--	--	1360	220	--	--	--	.40	--	--	2550	--	910	--	--	--	7.5	PL
--	--	420	106	--	--	--	.50	--	--	1090	--	500	--	--	--	7.6	PL
252	0	510	77	.4	--	.10	--	.06	150	--	1060	490	280	1560	3.3	7.7	
3250	16	230	15400	--	--	--	--	--	--	--	30200	160	0	42900	--	8.6	PL
139	0	1150	78	1.8	1.1	--	--	--	300	2000	1870	1200	1090	2200	1.1	7.6	
81	0	1090	81	--	--	--	--	--	--	--	1720	--	--	--	1.9	--	
141	0	1150	80	--	.40	--	--	--	--	1990	1850	1200	1080	2250	1.3	7.1	
--	--	1060	80	1.4	--	--	--	--	--	--	--	--	--	2160	--	--	
147	0	1145	77	.9	.05	--	.00	--	750	2014	1880	1224	1100	2140	1.3	7.8	DH
108	0	910	19	1.2	--	.01	--	.03	250	--	1420	860	770	1810	1.3	7.4	
135	0	1240	12	--	.00	--	--	--	--	1890	1900	1330	1220	2050	.4	7.6	
518	4	1530	1370	.5	19	--	--	--	--	5360	--	1580	1160	--	E3.4	8.2	DH
339	0	120	25	1.5	--	1.6	--	.12	300	--	489	320	43	794	1.3	7.7	
342	0	166	46	--	10	--	--	--	--	--	614	334	54	939	--	--	
--	--	--	11700	--	--	--	--	--	--	--	--	--	--	29900	--	--	
376	--	45	28390	--	--	--	--	--	--	53490	46010	12000	11000	--	--	--	
85	96	290	1350	--	--	--	--	--	--	--	2930	--	--	4890	--	10.0	PL
476	60	1450	13700	--	--	--	--	--	--	--	25200	460	0	36700	203	8.3	PL
1400	0	2140	14300	--	--	--	--	--	--	27900	--	350	0	40300	246	8.0	PL
1900	204	1420	8350	--	--	--	--	--	--	17900	--	170	0	26300	231	8.4	PL
1330	0	10	950	--	--	--	--	--	--	2730	--	36	0	4360	79	7.8	PL
1170	168	1900	13000	--	--	--	--	--	--	25500	--	380	0	33700	217	8.5	PL
1320	<1	2070	18000	--	--	--	--	--	--	33900	--	490	0	46000	255	8.2	PL
2660	266	188	7230	--	--	--	--	--	--	16000	15000	4	0	--	1300	--	
1525	132	1750	16900	--	--	--	--	--	--	31990	--	370	0	46000	279	8.4	PL
2570	240	907	7800	--	--	--	--	--	--	16900	--	140	0	24700	238	8.5	PL
9520	0	1160	7000	--	--	--	--	--	35200	21550	--	100	0	32400	365	8.0	PL
2730	888	871	6100	--	--	--	--	--	--	15300	--	110	0	22000	248	8.7	PL
1170	--	--	820	--	--	--	--	--	--	2370	2360	33	0	3930	--	8.0	PL
781	--	1510	9500	--	--	--	--	--	--	--	18500	380	0	28600	156	8.0	PL
4330	0	2140	15300	--	--	--	--	--	--	32200	--	270	0	44000	326	7.9	PL
756	48	1140	18500	--	--	--	--	--	--	32790	--	1400	650	45800	145	8.3	PL
4090	636	905	8850	--	--	--	--	--	--	20600	--	140	0	29000	298	8.7	PL

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
(D- 7-22)29ABB- 1 —CONT.	71-07-07	--	124GRRV	6470	5744	5768	--	--	--	27	18	7005	--	70
	71-07-08	--	124GRRV	6470	5661	5680	--	--	--	23	21	8030	--	74
	71-07-16	--	124GRRV	6470	6166	6177	--	--	--	47	29	5870	--	80
(D- 7-22)29CAB- 1	70-05-29	--	124GRRV	6010	5796	5813	--	--	--	425	76	7530	--	96
	70-05-29	1200	124GRRV	6010	5796	5850	--	--	--	110	18	7680	--	89
(D- 7-22)29CAC- 1	68-11-01	--	124GRRV	6508	5820	5846	--	--	0	.0	.0	12600	--	81
(D- 7-22)34BAC- 1	65-06-15	--	124GRRV	5876	5392	5412	--	--	0	7.0	6.0	4500	--	22
	65-06-16	--	124GRRV	5876	6040	6050	--	--	0	502	135	16830	--	1150
(D- 7-23) 9DCB- 1	64-05-18	--	124GRRV	--	4743	5386	--	--	--	6.0	1.0	--	2090	--
(D- 7-23)11BCC- 1	67-08-00	--	124GRRV	5754	4237	5282	--	--	--	--	--	--	--	--
(D- 7-23)13ACA- 1	69-02-03	--	124GRRV	5950	4667	5864	--	--	0	13	4.0	2005	--	35
(D- 7-23)13BAB- 1	69-01-31	--	124GRRV	5690	4433	5550	--	--	0	13	3.0	2360	--	20
(D- 7-23)14ADA- 1	69-01-31	--	124GRRV	5690	4398	5487	--	--	0	18	<1.0	3030	--	28
(D- 7-23)14CAD- 1	57-09-10	--	124GRRV	5835	5489	5808	--	--	--	23	.0	--	2490	--
(D- 7-23)14CCD- 1	65-01-15	--	124GRRV	--	4904	4920	--	--	0	19	16	1980	--	8.0
(D- 7-23)14DAD- 1	69-01-31	--	124GRRV	5637	4978	5606	--	--	0	16	5.0	2930	--	30
(D- 7-23)14DBC- 1	69-01-31	--	124GRRV	5885	5142	5716	--	--	0	31	2.0	3060	--	50
(D- 7-23)15ACC- 1	69-02-03	--	124GRRV	5482	4372	5384	--	--	0	17	3.0	2510	--	20
	71-01-25	--	124GRRV	5482	4372	4791	--	--	--	12	5.0	2670	--	18
(D- 7-23)15CAB- 1	66-12-12	--	124GRRV	--	5158	5646	--	--	0	2.0	5.0	2560	--	27
(D- 7-23)18CCC- 1	57-09-10	--	124GRRV	6359	5104	5688	--	--	--	2.0	1.0	--	2000	--
(D- 7-23)22ACC- 1	69-02-03	--	124GRRV	5820	5558	5732	--	--	0	7.0	2.0	4190	--	25
(D- 7-23)22CDA- 1	69-02-03	--	124GRRV	5773	5118	5738	--	--	0	22	9.0	6120	--	42
(D- 7-23)25AAB- 1	70-12-30	--	124GRRV	5484	5369	5378	--	--	--	200	76	3010	--	28
(D- 7-23)27CCC- 1	69-02-03	--	124GRRV	5708	5386	5523	--	--	0	20	4.0	6830	--	37
(D- 7-23)28ADD- 1	70-06-29	--	124GRRV	5797	5652	--	--	--	--	<1.0	9.0	4130	--	93
(D- 7-23)28CAD- 1	69-02-03	--	124GRRV	--	5521	5557	--	--	0	10	10	6950	--	45
(D- 7-23)29CCC- 1	69-09-18	1159	124GRRV	5962	5690	5710	--	--	0	15	7.0	5290	--	50
	69-09-18	1200	124GRRV	5962	5720	5728	--	--	--	40	16	6770	--	61
(D- 7-24) 8ACA- 1	57-09-10	--	124GRRV	5640	5447	5486	--	--	--	3.0	2.0	--	2660	--
(D- 7-24)11CCB- 1	65-11-08	--	124GRRV	--	5000	5035	--	--	0	55	15	1500	--	30
(D- 7-24)14CCD- 1	61-04-09	--	124GRRV	--	4991	5121	--	3.8	--	9.2	16	--	949	--
	61-04-11	--	124GRRV	--	5155	5216	--	.5	--	18	12	--	1520	--
(D- 7-24)15CCD- 1	57-09-10	--	124GRRV	--	5308	5319	--	--	--	2.0	2.0	--	2981	--
(D- 7-24)21CAD- 1	65-08-05	--	124GRRV	5261	4096	4125	--	--	0	8.0	2.0	612	--	5.0
	65-08-06	--	124GRRV	5261	3993	4022	--	--	0	2.0	.0	376	--	5.0
(D- 7-24)21DAD- 1	65-01-13	--	124GRRV	5373	4230	4250	--	--	0	8.0	.0	1800	--	10
	65-01-14	--	124GRRV	5373	4275	4295	--	--	0	8.0	2.0	1950	--	10
	65-01-15	--	124WSTC	5373	5238	5258	--	--	0	11	5.0	1810	--	12
(D- 7-24)21DDA- 1	74-05-14	--	310WEBR	18520	18320	18520	--	--	--	4300	770	41000	--	2700
	74-05-16	--	310WEBR	18520	18060	18190	--	60	--	5400	1100	36000	--	2200
(D- 7-24)26ACD- 1	65-05-06	--	124UINT	5100	1675	2310	--	--	0	12	3.0	240	--	.0
(D- 7-24)27CCD- 1	66-12-14	--	211CSLG	--	9639	9640	--	--	--	590	153	27900	--	300
	66-12-14	--	211CSLG	--	9633	9637	--	--	--	1740	357	24700	--	550
(D- 7-24)28ACD- 1	66-01-06	--	124GRRV	5100	3571	3586	--	--	0	75	21	5770	--	45
(D- 7-24)31ACB- 1	63-04-17	1159	124GRRV	--	3788	3805	--	--	--	<1.0	.0	1000	--	2.0
	63-04-17	1200	124GRRV	--	4990	5007	--	--	--	17	3.0	2670	--	8.0
(D- 7-24)35ACC- 1	65-10-29	1159	124GRRV	--	2145	2185	--	--	0	9.0	1.0	547	--	<1.0
	65-10-29	1200	124GRRV	--	3390	3408	--	--	0	6.0	3.0	274	--	<1.0
	65-10-29	1201	124GRRV	--	4793	4823	--	--	0	36	7.0	1132	--	10
(D- 7-24)36AAA- 1	65-03-02	1158	124GRRV	--	3362	3382	--	--	0	9.0	3.0	762	--	5.0
	65-03-02	1159	124GRRV	--	4900	4920	--	--	0	11	9.0	1330	--	8.0
	65-03-02	1200	124GRRV	--	5052	5072	--	--	0	14	3.0	2210	--	2.0
(D- 8-20)11ACD- 1	70-06-01	--	112OTSH	50	--	--	--	10	10	67	22	50	--	2.0
	71-07-02	--	112OTSH	50	--	--	--	13	0	66	21	75	--	.0
(D- 8-20)12AAD- 1	58-07-07	--	112OTSH	40	--	--	--	18	--	66	20	--	76	--
(D- 8-20)27AAC- 1	68-03-20	--	124GRRV	6185	4238	5286	--	--	--	--	--	--	--	--
(D- 8-20)33BAC- 1	58-07-07	--	124UINT	55	--	--	11.5	15	--	540	201	--	2290	--
(D- 8-20)33BAD- 1	58-07-07	--	112OTSH	45	--	--	--	18	--	51	28	--	242	--
(D- 8-20)36BAA- 1	66-06-13	--	124PCCK	5615	3385	3395	43.5	--	--	--	--	--	--	--
	66-06-19	--	124GDGC	5615	4542	4574	52.0	--	--	--	--	--	--	--
	66-06-21	--	124DGCK	5615	4783	4803	57.5	--	--	--	--	--	--	--
(D- 8-21) 6BDD- 5	73-05-16	--	111ALVM	77	--	--	10.0	8.0	240	69	23	53	--	3.0
(D- 8-21)28DDD- 1	70-01-22	--	124WSTC	7195	6400	6486	--	--	0	<1.0	21	35000	--	180
(D- 8-21)29BCC- 1	69-07-16	--	124GRRV	5539	3495	3548	--	--	0	<1.0	23	13150	--	74
(D- 8-22) 3CAC- 1	65-05-12	1159	124GRRV	--	4165	4209	--	--	0	39	12	2940	--	16
	65-05-12	1200	124GRRV	--	4738	4765	--	--	--	27	5.0	12960	--	57
	65-05-27	--	124GRRV	--	5813	5814	--	--	--	1451	372	19970	--	57
(D- 8-22) 4ACB- 1	62-02-26	--	124GRRV	6008	5959	5977	--	--	--	206	81	--	19880	--
(D- 8-22) 4BAB- 1	61-10-30	--	124GRRV	--	5692	5705	--	--	--	155	49	--	17880	--
	61-10-31	--	124GRRV	--	5532	5552	--	--	--	241	92	--	10970	--
(D- 8-22) 4DCD- 1	65-03-25	--	124GRRV	5811	4499	4515	--	--	0	12	5.0	4550	--	20
	65-04-08	--	124GRRV	5811	4469	4482	--	--	0	59	18	981	--	10
(D- 8-23)18DBB- 1	65-03-04	--	124GRRV	--	5344	5374	--	--	0	120	36	6910	--	20
(D- 8-24) 7ACD- 1	65-10-28	--	124GRRV	4880	2120	2150	--	--	0	25	5.0	831	--	.0
	65-10-29	--	124GRRV	4880	4580	4610	--	--	0	39	7.0	2270	--	10
(D- 8-24) 8AAB- 1	66-12-06	--	211CSLG	--	--	9592	--	--	--	590	136	16200	--	250
(D- 8-24) 9AAA- 1	56-05-01	--	124GRRV	--	1818	1836	--	--	--	35	9.0	--	894	--
(D- 9-16) 5DDB- 1	68-03-20	--	124EOCN	5815	4602	5747	--	--	--	--	--	--	--	--
(D- 9-16)11DDB- 1	68-03-20	--	124GRRV	6300	4735	5020	--	--	--	--	--	--	--	--

water wells, springs, and petroleum-test wells--Continued

BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOSPHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	SODIUM ADSORPTION RATIO	PH (UNITS)	AGENCY ANALYZING SAMPLE
3420	576	1020	7550	--	--	--	--	--	--	17950	--	140	0	26200	256	9.1	PL
4510	600	910	8550	--	--	--	--	--	--	20430	--	140	0	28200	291	9.0	PL
3290	0	795	6800	--	--	--	--	--	--	15250	--	240	0	21200	166	8.0	PL
3920	0	904	10400	--	--	--	--	--	--	21400	--	1400	0	32200	88	8.1	PL
5380	<1	1070	8250	--	--	--	--	--	--	19900	--	350	0	28600	179	8.2	PL
2890	516	1700	16000	--	--	--	--	--	--	32300	--	0	0	44200	--	8.8	PL
3790	60	1100	3920	--	--	--	--	--	--	--	11500	42	0	16300	302	8.3	PL
610	0	645	27600	--	--	--	--	--	--	--	47200	1800	1300	66700	172	7.5	PL
3380	186	.0	1050	--	--	--	--	--	--	--	6710	19	0	8400	--	8.7	PL
--	--	--	680	--	--	--	--	--	--	--	--	--	--	12200	--	--	
3900	360	5.0	460	--	--	--	--	--	--	4805	--	49	0	6010	125	8.6	PL
5120	240	3.0	430	--	--	--	--	--	--	5580	--	45	0	7050	153	8.4	PL
4760	960	5.0	820	--	--	--	--	--	--	7200	--	--	--	9650	--	8.6	PL
6350	--	.0	191	--	--	--	--	--	--	6060	5830	58	0	--	145	--	
2450	156	25	1520	--	--	--	--	--	--	--	4940	110	0	8150	81	8.8	PL
6710	360	5.0	260	--	--	--	--	--	--	6910	--	61	0	8660	164	8.5	PL
6220	720	5.0	360	--	--	--	--	--	--	7300	--	86	0	9320	144	8.7	PL
5730	360	10	160	--	--	--	--	--	--	5900	--	55	0	7330	148	8.5	PL
4720	492	63	800	--	--	--	--	--	--	6390	--	51	0	8460	163	8.9	PL
5466	372	5.0	370	--	--	--	--	--	--	--	6030	26	0	8460	220	8.8	PL
4240	168	8.0	421	--	--	--	--	--	--	4870	4690	9	0	--	290	--	
4640	1320	5.0	2250	--	--	--	--	--	--	10100	--	26	0	13700	360	8.7	PL
4030	960	226	5900	--	--	--	--	--	--	15260	--	92	0	22000	278	8.7	PL
3500	0	16	3200	--	--	--	--	--	--	8260	--	810	0	12600	46	7.8	PL
3050	360	568	8000	--	--	--	--	--	--	17300	--	66	0	25500	365	8.7	PL
4030	1270	178	4500	--	--	--	--	--	--	13200	--	--	--	19200	--	9.0	PL
4270	360	395	7600	--	--	--	--	--	--	--	17470	66	0	25100	372	8.5	PL
5150	<1	344	5000	--	--	--	--	--	--	13240	--	66	0	18800	283	8.2	PL
2760	<1	688	8500	--	--	--	--	--	--	17400	--	170	0	26400	229	8.2	PL
5710	1	2.0	704	--	--	--	--	--	--	7400	6180	16	0	--	290	--	
1540	216	150	1230	--	--	--	--	--	--	--	3950	200	0	5790	46	9.1	PL
2340	0	120	78	--	1.3	--	--	--	--	--	2330	90	0	3190	43	8.0	
4000	0	52	51	--	3.2	--	--	--	--	--	3630	95	0	5230	68	8.1	
5693	770	9.0	380	--	--	--	--	--	--	7258	6944	13	0	--	--	--	
866	360	27	20	--	--	--	--	--	--	--	1460	28	0	2470	50	9.1	PL
500	252	.0	.0	--	--	--	--	--	--	--	881	5	0	1400	73	8.9	PL
3280	372	.0	300	--	--	--	--	--	--	--	4100	20	0	7280	175	8.6	PL
3950	372	.0	300	--	--	--	--	--	--	--	4590	28	0	7280	157	8.6	PL
2040	36	.0	1620	--	--	--	--	--	--	--	4500	48	0	7330	114	8.3	PL
418	0	840	80000	--	--	--	--	--	--	--	--	14000	14000	120000	151	5.0	
700	0	840	72000	--	--	1.6	--	2.7	76000	--	118000	18000	17000	120000	117	5.0	
525	0	90	28	--	--	--	--	--	--	--	898	42	0	1100	16	7.9	PL
1150	36	28	44000	--	--	--	--	--	--	--	73530	2100	1100	100000	265	8.5	PL
647	0	1820	41000	--	--	--	--	--	--	--	70500	5800	5300	91700	141	7.9	PL
2640	--	10	7600	--	--	--	--	--	--	--	14800	270	0	21600	152	8.0	PL
2160	132	12	124	--	--	--	--	--	--	3430	--	--	--	3530	--	8.5	PL
1590	72	74	3100	--	--	--	--	--	--	--	7530	55	0	11000	157	8.2	PL
732	120	200	148	--	--	--	--	--	--	--	1380	27	0	2100	46	8.5	PL
549	60	50	16	--	--	--	--	--	--	--	669	27	0	1010	23	8.8	PL
1403	24	428	680	--	--	--	--	--	--	--	3008	120	0	4680	45	8.3	PL
1560	72	238	40	--	--	--	--	--	--	--	1900	35	0	2970	56	8.7	PL
1920	96	405	590	--	--	--	--	--	--	--	3400	65	0	4890	72	8.5	PL
1340	0	148	2560	--	--	--	--	--	--	--	5600	47	0	9650	140	8.0	PL
212	1	145	33	.2	.50	--	.00	--	160	460	436	259	83	640	1.4	--	DH
216	2	140	21	.3	.70	--	.00	--	140	474	446	250	69	660	2.1	8.1	DH
208	0	181	38	--	.90	--	--	--	--	506	502	248	77	757	E2.1	7.7	
--	--	--	11100	--	--	--	--	--	--	--	--	--	--	32400	--	--	
248	0	3590	2250	--	47	--	--	--	--	9250	9060	2180	1980	11500	E21	7.3	
280	24	263	159	--	2.0	--	--	--	--	928	924	244	0	1450	E6.7	8.6	
--	--	--	11500	--	--	--	--	--	--	--	--	--	--	53700	--	--	PL
--	--	--	20000	--	--	--	--	--	--	--	--	--	--	79800	--	--	PL
--	--	--	31000	--	--	--	--	--	--	--	--	--	--	65100	--	--	PL
200	0	190	21	.0	--	.09	--	.00	70	--	467	270	100	747	1.4	7.7	
39300	5400	300	24800	--	--	--	--	--	--	85100	--	--	--	84600	--	8.4	PL
7564	0	25	16000	--	--	--	--	--	--	--	33000	--	--	45800	--	8.0	PL
2660	444	118	2530	--	--	--	--	--	--	--	7420	150	0	11700	106	8.8	PL
4246	<1	125	17600	--	--	--	--	--	--	--	32880	88	0	50000	601	8.3	PL
647	0	235	34000	--	--	--	--	--	--	--	56400	5200	4600	79100	121	7.3	PL
1684	0	1750	29000	--	--	--	--	--	--	51900	51700	850	0	62900	--	7.4	PL
1930	--	1190	26000	--	--	--	--	--	--	47000	46200	590	0	61100	--	7.5	PL
850	--	2880	15000	--	--	--	--	--	--	30000	29600	980	280	42300	--	7.7	PL
4880	0	93	3720	--	--	--	--	--	--	--	10500	51	--	16100	277	8.2	PL
1610	0	223	588	--	--	--	--	--	--	--	2670	220	0	4180	29	8.3	PL
439	0	1150	9900	--	--	--	--	--	--	--	18350	450	88	26500	142	8.1	PL
1510	144	110	150	--	--	--	--	--	--	--	2010	83	0	2970	40	8.7	PL
1910	96	1700	1130	--	--	--	--	--	--	--	6200	130	0	8090	88	8.4	PL
1140	0	<1.0	26000	--	--	--	--	--	--	--	43740	2000	1100	60400	156	8.0	PL
630	84	205	850	--	--	--	--	--	--	--	2390	120	0	3860	--	8.3	PL
--	--	--	4670	--	--	--	--	--	--	--	--	--	--	31000	--	--	--
--	--	--	4800	--	--	--	--	--	--	--	--	--	--	42500	--	--	--

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
(D- 9-16)15CBB- 1	68-03-20	--	124GRRV	5560	4440	5180	--	--	--	--	--	--	--	--
(D- 9-17) 5BBD- 2	68-03-20	--	124GRRV	6200	4232	5220	--	--	--	--	--	--	--	--
(D- 9-17)21DCA- 1	71-09-03	--	124UINT	22	--	--	--	11	60	20	16	510	--	2.2
(D- 9-19) 9CCC- 1	68-03-20	--	124GRRV	4868	4414	4422	--	--	--	--	--	--	--	--
(D- 9-20)22CCB- 1	72-06-19	--	331MDSN	20050	19350	20050	--	--	--	7300	1300	33000	--	4300
	72-06-20	--	220NVJO	20050	17350	17850	--	--	--	910	120	13000	--	--
(D- 9-20)36DDC- 1	69-07-29	--	124GRRV	3234	1900	2959	23.0	9.2	--	4.1	1.2	28000	--	104
	69-07-30	--	124GRRV	3234	1900	3234	24.5	8.6	--	4.1	1.2	14600	--	53
	69-07-31	1200	124GRRV	3234	1900	2822	27.5	9.2	--	2.8	.8	28500	--	102
	69-07-31	1201	124GRRV	3234	1900	3234	23.5	12	--	2.0	1.2	16600	--	62
(D- 9-23)16BDD- 1	53-03-08	--	211MVRD	--	8287	8301	--	26	<100	850	--	23900	--	--
(D- 9-23)29DBA- 1	58-05-21	--	124UINT	--	1430	1450	--	--	--	26	895	23100	--	47
(D- 9-24)16ADD- 1	43-08-01	--	124UINT	--	--	--	--	18	--	85	57	--	596	--
(D- 9-24)27DBD- 1	63-02-01	--	124GRRV	4671	1932	--	--	--	--	--	--	--	--	--
(D-10-16)11ACD- 1	64-10-01	--	124GRRV	5595	4289	4321	--	--	--	139	67	11560	--	118
	64-10-18	--	124GRRV	5595	4498	4518	--	--	--	14	5.0	1350	--	73
(D-10-16)16DAC- 1	63-04-00	--	124GRRV	9265	3616	3646	--	--	--	395	78	2030	--	105
(D-10-17)12BAA-S1	72-03-16	--	124UINT	--	--	--	11.0	14	40	60	27	980	--	5.1
(D-10-17)30BBD- 1	67-08-10	--	124PCCK	5250	4074	4116	--	--	--	864	295	19680	--	80
	67-08-10	1200	124PCCK	5250	3777	3789	--	--	--	783	33	4023	--	33
(D-10-18)13CDB- 1	61-11-04	--	124GRRV	5710	4045	4080	--	--	--	2057	269	--	23700	--
(D-10-18)14BBD- 1	61-03-26	--	124GRRV	7160	2162	2282	--	--	--	10	3.0	--	2613	--
	61-04-01	--	124GRRV	7160	3681	3746	--	--	--	592	308	--	28670	--
	61-04-02	--	124GRRV	7160	3877	3915	--	--	--	987	274	--	26780	--
	61-04-04	--	124GRRV	7160	4231	4310	--	--	--	1918	359	--	21560	--
(D-10-19) 1CBD- 1	63-10-15	--	124GRRV	6679	2850	2870	--	--	0	11	10	3449	--	28
(D-10-20) 4CCB- 1	63-07-00	--	124GRRV	6233	2900	3000	--	--	0	6.0	2.0	1977	--	5.0
(D-10-20) 7CDB- 1	60-10-16	--	124GRRV	5730	2070	2096	--	--	--	11	8.0	--	39370	--
	60-10-21	--	124GRRV	5730	3102	3142	--	--	--	11	1.0	--	812	--
(D-10-20) 8CAB- 1	62-07-10	--	124GRRV	6308	3310	3337	--	--	--	6.0	--	--	928	--
	62-07-12	--	124GRRV	6308	3488	3514	--	--	--	272	92	--	10510	--
(D-10-20)35BBC- 1	64-07-24	--	124GRRV	5672	--	4000	--	15	--	.0	7.3	--	859	--
(D-10-21)16ADD- 1	64-04-02	--	124GRRV	5606	1900	3520	--	13	--	.0	2.4	--	785	--
(D-10-22)17AAD- 1S	64-05-11	--	124GRRV	6454	2311	3405	--	3.4	--	.0	97	--	--	--
	65-10-28	--	124GRRV	6454	2311	3405	--	--	--	--	--	--	--	--
(D-10-22)34BC	67-06-30	--	124WSTC	5445	--	--	--	13	--	206	--	8610	--	79
(D-10-23) 2ACB- 1	61-11-01	--	124WSTC	--	4592	4614	--	--	--	702	126	--	10300	--
(D-10-23)24BBA- 1	61-10-15	--	124GRRV	6486	--	3066	--	--	--	2.0	1.0	--	572	--
(D-10-24) 2ACC- 2	59-01-09	--	112ALVM	36	--	--	6.5	11	--	76	28	--	81	--
(D-10-24) 2ACD- 1	58-07-13	--	111ALVM	12	--	--	18.5	13	--	57	19	--	44	--
(D-10-24) 2ADB- 1	43-08-20	--	111ALVM	15	--	--	--	13	--	89	34	--	100	--
(D-10-24)28DCD- 1	59-06-11	--	211MVRD	7050	5295	5305	--	--	--	1923	82	--	5194	--
(D-10-24)32CAD- 1	62-01-21	--	124WSTC	6947	4390	4497	--	--	--	21	11	--	3068	--
	62-01-28	--	211MVRD	6947	5230	5303	--	--	--	304	63	--	10580	--
	62-03-22	--	211MVRD	6947	6570	6947	--	--	--	1040	298	--	6323	--
	62-04-30	--	211MVRD	6947	6187	6494	--	--	--	648	238	--	7917	--
(D-11-12)14BAA- 1	65-07-22	--	124GRRV	2240	635	650	--	9.8	--	6.4	4.4	--	221	--
(D-11-15) 2CCC- 1	67-10-03	--	124GRRV	4860	--	--	--	--	--	559	426	11700	--	30
(D-11-15)15DBB-S1	72-03-16	--	124PCCK	--	--	--	--	37	200	32	29	810	--	5.6
(D-11-15)32DCD- 1	72-04-11	--	124PCCK	<100	--	--	--	22	--	75	100	170	--	2.8
(D-11-16) 3BBC- 1	67-09-11	--	124PCCK	5296	4119	4170	--	--	0	27	10	2419	--	16
	67-09-11	1200	124PCCK	5296	4197	4218	--	--	0	10	--	1200	--	6.0
(D-11-17)20ACA-S1	72-03-16	--	124PCCK	--	--	--	--	--	--	75	63	1000	--	--
(D-11-18)20CBA-S1	72-03-16	--	124PCCK	--	--	--	8.0	29	20	78	73	1000	--	6.2
(D-11-21) 7ACA- 1	61-10-00	--	124WSTC	8520	4715	4736	--	--	--	804	211	--	12460	--
(D-11-21)31BDD- 1	71-08-31	--	124GRRV	711	--	--	16.0	15	30	.7	.7	370	--	.9
(D-11-24) 6DBC- 1	65-08-26	--	124GRRV	5950	223	2207	--	12	--	3.2	.5	--	438	--
(D-11-24) 7CAC- 1	65-08-26	--	124GRRV	5840	216	2396	--	12	--	3.2	.5	--	418	--
(D-11-24) 8CAA- 1	61-09-06	--	124GRRV	6569	--	1275	--	13	--	3.6	1.5	437	--	1.6
(D-12-14)13ACB- 1S	52-06-27	--	211MVRD	5515	8505	8617	--	--	--	350	64	--	8198	--
	52-07-09	--	211MVRD	5515	8604	8789	--	--	--	139	26	--	4596	--
(D-12-21)19BDD-S1	71-08-30	--	124PCCK	--	--	--	--	15	20	1.6	.6	230	--	.8
(D-13-14)24ADB-S1	66-07-15	--	124PCCK	--	--	--	--	--	0	73	31	25	--	1.0
(D-13-19) 8AA -S	72-08-08	--	124EVCK	--	--	--	20.0	--	--	--	--	--	--	--
(D-13-23)26ACD- 1	60-06-00	--	124GRRV	5852	--	2000	--	41	--	10	7.1	--	261	--
(D-13-23)27ACD-S1	72-04-12	--	124PCCK	--	--	--	10.5	17	--	160	200	410	--	7.3
(D-13-25)29BAB-S1	71-09-01	--	124DGCK	--	--	--	--	24	0	150	110	140	--	.7
(D-14-14) 4ABD-S1	66-07-15	--	124PCCK	--	--	--	--	--	--	36	60	37	--	1.0
(D-14-18) 1BBD- 1	72-08-06	--	124GRRV	150	--	--	13.0	--	--	--	--	--	--	--
(D-14-19)33AAD-S1	71-09-02	--	124PCCK	--	--	--	--	28	40	84	61	93	--	1.3
(D-14-20) 7ADB- 1	62-09-17	--	211CSLG	7300	7080	7180	--	--	--	8.0	2.0	--	1672	--
(D-14-20)30ACA- 1S	62-12-13	--	124FLGF	6792	4530	4580	--	--	--	11	12	--	2900	--
	63-06-18	--	124WSTC	3985	3790	3820	--	--	0	562	119	11680	--	36
	65-07-13	--	124WSTC	3985	3790	3820	--	23	--	625	93	--	12100	--
(D-14-20)30BAB- 1	63-07-22	--	124GRRV	4450	1883	1910	--	--	--	10	7.0	274	--	13

water wells, springs, and petroleum-test wells--Continued

BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (NO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	SODIUM ADSORPTION RATIO	PH (UNITS)	AGENCY ANALYZING SAMPLE
--	--	--	6900	--	--	--	--	--	--	--	--	--	--	21600	--	--	
--	--	--	12700	--	--	--	--	--	--	--	--	--	--	13700	--	--	
467	0	720	91	.2	--	.46	--	.12	710	--	1600	120	0	2350	21	8.3	
--	--	--	26100	--	--	--	--	--	--	--	--	--	--	98300	--	--	
--	--	630	76000	--	--	--	--	--	--	--	--	24000	--	--	94	6.6	
--	--	3300	14000	--	--	--	--	--	--	--	--	2800	--	--	108	6.8	
5710	832	917	37100	60	<.10	--	.88	--	640000	72200	70500	16	0	82000	3130	8.8	
3830	856	35	18600	54	<.10	--	.30	--	300000	37000	36400	16	0	48000	1630	8.9	
5910	1230	464	37500	70	<.10	--	.88	--	620000	72700	72100	12	0	85000	3870	8.9	
5940	319	400	21500	46	<.10	--	.18	--	360000	41800	42200	11	0	54000	2290	8.6	
992	0	.0	43100	--	--	--	--	--	--	--	65100	--	--	77700	--	7.3	PL
44200	15000	.0	2100	--	--	--	--	--	--	--	64300	3800	0	67100	164	9.1	PL
243	14	1200	133	--	--	--	--	--	--	2450	2200	446	220	--	612	--	PL
--	--	--	126	--	--	--	--	--	--	--	--	--	--	2090	--	--	
561	--	216	17900	--	--	--	--	--	--	--	30300	620	160	45800	202	8.2	PL
1000	72	568	1100	--	--	--	--	--	--	--	3670	56	0	5640	79	8.6	PL
488	--	5100	120	--	--	--	--	--	--	--	8070	1300	910	9320	24	7.8	PL
571	0	1600	210	2.1	--	.65	--	.21	4900	--	3190	260	0	4170	26	7.9	
1110	0	7000	27000	--	--	--	--	--	--	--	55450	3400	2500	73300	147	7.6	PL
305	--	2900	5400	--	--	--	--	--	--	--	13320	2100	1800	19600	38	7.2	PL
425	--	3580	38000	--	--	--	--	--	--	67720	67750	6200	5900	78500	--	7.9	PL
1342	600	26	2549	--	--	--	--	--	--	--	6462	37	0	10460	--	8.6	PL
427	36	11830	37150	--	--	--	--	--	--	78380	78790	2700	2300	91670	--	8.4	PL
878	--	2798	41280	--	--	--	--	--	--	73930	72550	3600	2900	98200	--	8.1	PL
647	--	3728	34570	--	--	--	--	--	--	62100	62460	6300	5700	83300	--	8.1	PL
2452	72	1600	2700	--	--	--	--	--	--	--	9080	69	0	12940	181	8.4	PL
2721	180	130	1190	--	--	--	--	--	--	--	4832	23	0	7430	179	8.9	PL
9150	8520	525	45000	--	--	--	--	--	--	92300	97900	60	0	108800	--	9.7	PL
1379	216	107	140	--	--	--	--	--	--	2032	1966	32	0	4000	--	8.7	PL
1440	228	54	296	--	--	--	--	--	--	--	2221	--	--	3330	--	8.8	PL
1720	--	3870	13100	--	--	--	--	--	--	30480	28490	1100	0	40290	--	8.0	PL
1420	189	9.1	290	--	.30	--	--	--	--	2150	2070	30	0	3340	68	9.0	
1480	128	14	195	--	.70	--	--	--	--	1980	1870	10	0	3080	--	8.8	
2270	263	119	4840	--	8.2	--	--	--	--	10900	--	399	0	16400	--	8.5	
--	--	--	6960	--	--	--	--	--	--	--	--	--	--	22800	--	--	
554	0	305	13800	3.2	1.3	--	--	--	2100	24400	23400	989	535	36400	119	--	
415	0	5100	13500	--	--	--	--	--	--	29950	29940	2300	1900	37900	--	7.7	PL
1078	48	145	99	--	--	--	--	--	--	--	1941	8	0	2480	88	8.9	PL
228	0	191	67	--	.10	--	--	--	--	--	566	305	118	903	2.0	8.2	
219	0	93	30	--	.80	--	--	--	--	388	365	223	43	635	1.3	7.5	
245	--	267	69	--	--	--	--	--	--	--	803	359	160	--	--	8.0	PL
19	--	480	11250	--	--	--	--	--	--	20300	19540	5100	5100	25000	--	4.8	PL
1220	72	620	3550	--	--	--	--	--	--	--	8560	96	0	12100	--	8.7	PL
1244	0	770	15760	--	--	--	--	--	--	--	28720	1020	0	12100	--	7.8	PL
464	0	470	11860	--	--	--	--	--	--	--	20450	3825	3400	38800	--	6.2	PL
903	0	308	13310	--	--	--	--	--	--	--	23330	2600	1900	32900	--	6.6	PL
392	0	179	5.1	--	.10	--	--	--	--	603	619	34	0	942	16	7.8	
2769	--	10580	10900	--	--	--	--	--	--	--	35560	3200	880	45800	91	7.9	PL
983	0	980	48	3.8	--	.63	--	.64	11000	--	2440	200	0	3410	25	8.1	
726	0	360	15	--	--	--	--	--	--	--	1100	600	3	1620	3.0	7.4	
2440	300	2262	380	--	--	--	--	--	--	--	6616	110	0	8730	101	8.7	PL
2428	300	10	100	--	--	--	--	--	--	--	2822	--	--	4230	--	8.9	PL
690	--	--	--	--	--	--	--	--	--	3580	--	450	0	--	21	--	
809	0	1800	56	4.0	--	3.6	--	.25	15000	--	3480	490	0	4580	20	7.8	
329	--	4827	17500	--	--	--	--	--	--	37200	36000	2900	2600	50460	--	7.0	PL
562	65	220	9.3	.9	--	.07	--	.06	290	--	959	5	0	1490	75	8.7	
644	0	334	60	--	1.6	--	--	--	--	--	1170	10	0	1800	60	8.2	
691	0	310	21	--	1.4	--	--	--	--	1170	1110	10	0	1720	58	8.2	
606	12	422	4.0	1.8	.60	--	--	--	410	1200	1200	15	0	1820	49	8.5	
1015	--	2523	11000	--	--	--	--	--	--	23030	26640	1100	310	32350	--	6.9	PL
915	60	1638	5600	--	--	--	--	--	--	12930	12510	450	0	18600	--	--	PL
353	32	150	6.3	.2	--	.51	--	.06	150	--	613	6	0	968	39	8.5	
415	0	15	6.0	--	--	--	--	--	--	--	356	310	0	550	.6	7.9	PL
--	--	--	--	--	--	--	--	--	--	--	--	--	--	2200	--	E8.0	
255	--	423	17	--	--	--	--	--	--	1086	--	290	80	--	--	7.6	DH
576	0	1500	140	--	--	--	--	--	--	--	2720	1200	750	3850	5.1	7.8	
308	0	850	33	.1	--	.01	--	.06	60	--	1460	830	570	1980	2.1	7.7	
293	0	153	14	--	--	--	--	--	--	--	445	337	97	688	.9	8.4	PL
--	--	--	--	--	--	--	--	--	--	--	--	--	--	7000	--	>8.0	
438	0	300	18	.2	--	.13	--	.06	160	--	802	460	100	1160	1.9	7.9	
964	264	2150	140	--	--	--	--	--	--	--	4711	28	0	4150	--	9.3	PL
598	360	4650	320	--	--	--	--	--	--	9080	8240	77	0	10800	--	9.4	PL
622	--	1540	17900	--	--	--	--	--	--	--	32100	1900	1400	46200	117	7.8	PL
539	0	1520	18600	--	25	--	--	--	--	33900	33300	1940	1500	48900	119	7.3	
366	12	290	32	--	--	--	--	--	--	--	818	54	0	1170	16	8.7	PL

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
(D-14-22)25CAC-S1	72-04-12	--	124DGCK	--	--	--	8.0	19	30	63	86	92	--	1.9
(D-14-24)21CCC-S1	72-09-13	--	124DGCK	--	--	--	10.0	21	20	130	72	74	--	1.2
(D-15-19) 4BBA-S1	71-09-02	--	124PCCK	--	--	--	--	--	--	81	--	130	--	--
(D-15-20)15BBD-S1	71-08-31	--	124PCCK	--	--	--	17.0	16	10	57	16	24	--	.4
(D-15-21)22DCC- 1	63-09-26	--	124WSTC	5700	3134	3142	--	--	--	20	36	--	664	--
	63-09-28	--	124WSTC	5700	3466	3480	--	--	--	80	36	--	3766	--
	63-10-12	--	211CSLG	5700	5518	5541	--	--	--	600	109	--	11700	--
(D-15-22)36DAC- 1	60-04-00	--	221ENRD	10348	9232	9349	--	--	--	5115	534	--	28240	--
(D-15-23)36DDD-S1	64-09-17	--	124DGCK	--	--	--	8.5	17	--	65	36	--	17	--
(D-15-25) 7BCC-S1	72-09-12	--	124DGCK	--	--	--	10.5	16	--	74	48	36	--	.5
(D-16-16)32DDA-S1	72-04-11	--	124WSTC	--	--	--	11.0	23	0	58	52	66	--	1.0
(D-16-17) 3C -S	48-09-25	--	124WSTC	--	--	--	--	26	--	70	41	--	73	--
(D-16-18)24BCD-S1	71-08-31	--	124PCGK	--	--	--	--	22	80	58	17	10	--	.6
(D-17-16)10CCA-S1	72-04-11	--	125NRHR	--	--	--	--	23	0	58	54	100	--	1.2
(D-17-17)20CCC-S1	48-09-25	--	211MVRD	--	--	--	--	18	--	10	5.7	--	250	--
(D-17-19)28BAB-S1	71-08-31	--	124PCCK	--	--	--	6.0	15	10	57	16	6.4	--	.4
(D-18-19)25CBB-S1	71-08-31	--	124PCCK	--	--	--	5.0	11	0	60	24	2.7	--	.7
(D-18-20) 7BAD-S1	71-08-31	--	124PCCK	--	--	--	5.0	8.3	20	49	10	3.3	--	.3
S(B- 2-102)32BCB- 1	73-05-08	--	310WEBR	7500	--	--	47.5	33	520	900	120	11000	--	330
S(B- 3-102) 5ADB- 1	72-10-19	--	310WEBR	750	--	--	13.5	14	180	59	45	16	--	2.3
S(B- 3-103) 5DCC- 1	62-02-06	--	220NVJO	800	403	800	12.5	15	--	72	34	25	--	3.0
	69-05-26	--	220NVJO	800	--	--	13.0	14	200	57	39	22	--	2.0
	71-07-22	1700	220NVJO	800	--	--	13.0	16	10	39	36	22	--	.2
S(B- 3-103) 6CDC- 1	58-09-30	--	220NVJO	1020	--	--	13.5	11	--	50	35	--	20	--
S(B- 3-103) 7ABA- 1	58-07-14	--	220NVJO	1400	--	--	--	11	--	51	32	--	20	--
	58-09-30	--	220NVJO	1400	--	--	13.0	12	--	50	32	--	24	--
S(B- 3-103)12ACA- 1	73-05-10	--	310WEBR	--	--	--	10.0	16	60	22	11	43	--	2.0
S(B- 3-104) 1DCA- 2	58-07-14	--	220NVJO	700	--	--	--	14	--	46	28	--	25	--
	58-10-03	--	220NVJO	700	--	--	16.5	16	--	45	30	--	27	--
S(B- 4-103)14CCA-S1	72-10-19	--	221MRSN	--	--	--	9.5	10	30	47	21	150	--	3.4
S(B- 4-103)32ADB-S1	58-09-30	--	220NVJO	--	--	--	15.0	13	--	65	45	--	50	--
	73-05-09	--	220NVJO	--	--	--	10.5	13	240	60	37	24	--	1.8
S(B- 4-104)23ACA- 1	73-05-04	--	310WEBR	--	--	--	14.5	15	30	28	14	30	--	3.0
S(B- 5-104)24DDD- 1	73-05-18	--	217BRCN	--	--	--	9.0	13	9	62	21	12	--	1.8
S(B- 6-103) 7BBB-S1	67-09-13	--	310WEBR	--	--	--	12.0	10	--	59	22	3.5	--	.3
S(B- 7-103)20CAD-S1	48-09-18	--	330MSSP	--	--	--	16.5	13	--	74	29	--	237	--
T(D-15-23)33DCA- 1	61-09-00	--	221ENRD	8116	8630	8714	--	--	--	5789	454	--	34080	--
U(A- 1- 1) 5ABA- 1	72-04-07	--	1120TSH	--	--	--	--	--	--	--	--	--	--	--
U(A- 1- 1) 6ACA- 1	56-05-01	--	124WSTC	7250	4658	4690	--	--	--	18	18	--	1740	--
	56-05-02	--	124WSTC	7250	4957	4976	--	--	--	9.0	15	--	511	--
U(A- 1- 1)21CBB- 1	72-04-07	--	123DCRV	--	--	--	--	--	--	--	--	--	--	--
U(A- 1- 1)27DDD- 1	47-01-24	--	123DCRV	312	--	--	--	4.4	0	59	31	--	670	--
U(A- 1- 2)31DCC- 1D	72-06-02	--	123DCRV	200	--	200	--	8.0	30	6.7	3.2	180	--	3.3
U(A- 1- 2)32ACA- 1	73-07-19	1100	123DCRV	200	--	--	12.0	20	980	130	120	150	--	3.2
U(A- 2- 2)32ACA- 1	73-05-04	1230	211FRNR	44	--	--	9.5	11	400	71	21	66	--	1.8
U(A- 3- 1) 8CBB-S1	67-09-13	--	122BRPK	--	--	--	--	7.0	40	15	3.0	2.0	--	2.0
U(B- 1- 1)11ABB- 1	72-04-07	--	123DCRV	51	--	--	--	--	--	--	--	--	--	--
U(B- 1- 1)11CBB- 1	73-08-09	1210	123DCRV	60	--	--	--	9.6	10	36	14	5.0	--	2.0
U(B- 1- 1)14ADA-S1	62-06-21	--	1120TSH	--	--	--	13.5	--	--	--	--	--	--	--
	62-11-12	--	1120TSH	--	--	--	10.0	--	--	--	--	--	2.9	--
U(B- 1- 1)14ADD-S1	61-06-21	--	1120TSH	26	--	--	11.0	11	10	66	18	3.9	--	1.7
	62-06-21	--	1120TSH	26	--	--	10.0	--	--	--	--	--	--	--
	62-11-12	--	1120TSH	26	--	--	10.5	--	--	--	--	--	2.1	--
	73-03-08	1717	1120TSH	26	--	--	9.5	--	--	--	--	--	--	--
	73-05-10	1350	1120TSH	26	--	--	9.5	--	--	69	16	2.6	--	2.0
	73-08-09	1205	1120TSH	26	--	--	11.0	--	--	--	--	--	--	--
U(B- 1- 1)19ADA- 1	73-05-02	1645	1120TSH	53	--	--	--	8.1	120	39	9.8	11	--	1.0
U(B- 1- 1)25BCC- 2	73-07-20	1000	1120TSH	65	--	--	--	7.3	210	38	8.6	7.2	--	1.4
U(B- 1- 1)27ADA- 1	73-07-13	1530	1120TSH	190	--	--	11.0	10	20	27	5.5	3.1	--	.8
U(B- 1- 1)27ADB- 1	74-06-20	0930	1120TSH	--	--	--	11.5	--	--	--	--	--	--	--
U(B- 1- 1)31A -S	54-02-24	--	1120TSH	--	--	--	--	29	--	66	25	--	60	--
	66-04-21	--	1120TSH	--	--	--	--	29	20	62	35	5.0	--	1.0
	70-12-15	--	1120TSH	--	--	--	--	36	0	54	26	5.0	--	2.0
U(B- 1- 1)31DDB- 1	73-03-23	1005	123DCRV	388	--	--	--	21	30	56	27	4.4	--	1.3
U(B- 1- 1)35CCC- 1	73-10-01	1150	1120TSH	38	--	--	--	16	190	90	21	13	--	1.4
U(B- 1- 2)17DAC-S1	73-05-09	1500	123DCRV	--	--	--	9.5	14	9	74	23	16	--	1.5
U(B- 1- 2)24DDD- 1D	72-05-16	--	123DCRV	700	--	700	13.5	11	40	3.7	.5	150	--	1.1
U(B- 1- 2)34ACC- 1	70-05-01	--	124GRRV	11235	10340	10500	--	--	--	38	32	--	6550	--
U(B- 1- 3) 6CCC-S1	73-09-26	--	123DCRV	--	--	--	11.5	--	--	--	--	--	--	--
U(B- 1- 3)18AAA-S1	58-07-06	--	123DCRV	1200	--	--	9.0	16	--	79	15	--	7.6	--
	73-09-26	1550	123DCRV	1200	--	--	10.0	17	10	86	16	8.8	--	1.8
U(B- 1- 4)23DDC- 1	58-07-06	--	1120TSH	5	--	--	9.0	--	<500	--	--	--	--	--
U(B- 1- 4)23DDC-S1	72-03-16	--	1120TSH	--	--	--	5.5	15	20	64	16	12	--	1.5
U(B- 1- 6) 9DCA-S1	72-04-20	--	1120TSH	--	--	--	12.5	10	20	100	34	42	--	4.1

water wells, springs, and petroleum-test wells--Continued

BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRATE (NO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	SODIUM ADSORPTION RATIO	PH (UNITS)	AGENCY ANALYZING SAMPLE
506	0	240	29	1.4	--	.42	--	.03	130	--	783	510	96	1220	1.8	7.9	
319	0	500	13	.3	--	1.6	--	.06	70	--	976	620	360	1340	1.3	7.4	
370	--	390	--	--	--	--	--	--	--	--	--	--	--	1270	--	7.8	
242	0	57	7.9	.1	--	.68	--	.09	70	--	301	210	10	478	.7	7.6	
149	12	3.0	1065	--	--	--	--	--	--	--	1966	200	56	5580	--	8.4	PL
156	14	7579	355	--	--	--	--	--	--	--	11990	350	200	--	--	8.6	PL
107	0	5813	14980	--	--	--	--	--	--	--	33250	1900	1900	--	--	7.3	PL
190	--	72	54000	--	--	--	--	--	--	91800	88050	15000	15000	111000	--	7.3	PL
302	0	94	2.8	--	.50	--	--	--	--	387	381	312	64	606	.4	7.7	
275	0	200	14	--	--	--	--	--	--	--	524	380	160	851	.8	7.5	
449	0	120	7.9	.3	--	.24	--	.09	60	--	550	360	0	876	1.5	7.4	
321	0	220	7.0	--	.70	--	--	--	--	--	596	340	80	842	1.7	--	
248	0	33	2.1	.1	--	1.2	--	.28	20	--	270	210	11	443	.3	7.4	
483	0	190	11	.4	--	.17	--	.09	80	--	676	370	0	1050	2.3	7.5	
492	0	176	5.0	--	.10	--	--	--	--	--	707	48	0	1060	16	--	
267	0	13	1.4	.0	--	.36	--	.21	0	--	242	210	0	405	.2	7.7	
297	0	29	1.6	.0	--	.18	--	.03	10	--	276	250	5	459	.1	7.7	
193	0	16	1.9	.0	--	2.3	--	.03	10	--	194	160	5	326	.1	7.8	
441	0	590	18000	1.1	--	.00	--	.98	9100	--	31200	2700	2400	--	91	7.4	
395	0	36	5.7	.2	--	.01	--	.03	40	--	373	330	9	681	.4	8.4	
317	0	70	20	.2	.50	--	--	--	80	396	397	318	58	649	.6	7.7	
303	0	72	20	.1	1.3	--	.00	--	50	371	377	302	54	614	.6	7.9	
214	0	72	22	.3	--	.42	--	.12	--	--	315	250	70	596	.6	7.5	
285	0	52	17	--	.30	--	--	--	--	--	325	267	33	561	E.5	7.5	
279	0	52	14	.1	.20	--	--	--	--	315	317	258	29	556	E.6	7.6	
284	0	54	14	--	.90	--	--	--	--	--	327	257	24	549	E.6	7.5	
213	0	16	1.6	.3	--	.09	--	.03	40	--	217	100	0	359	1.9	8.2	
282	0	35	13	--	.20	--	--	--	--	314	300	231	0	537	E.7	7.5	
284	0	40	14	--	.60	--	--	--	--	--	313	235	2	522	E.8	7.5	
478	0	150	11	.7	--	.05	--	.00	220	--	629	200	0	1060	4.6	7.9	
418	0	71	26	--	1.8	--	--	--	--	--	478	346	3	791	1.2	7.4	
361	0	40	16	.3	--	.01	--	.09	40	--	371	300	6	666	.6	7.6	
208	0	26	2.4	.3	--	.02	--	.03	--	--	221	130	0	361	1.2	7.8	
262	0	52	5.9	.3	--	1.3	--	.06	40	--	303	240	26	506	.3	7.5	
244	0	35	5.2	.3	3.2	--	--	--	0	248	259	240	40	437	.1	7.8	
239	0	94	370	--	3.2	--	--	--	--	--	938	304	108	1660	E5.9	--	
207	--	16	64000	--	--	--	--	--	--	106800	104400	16000	--	125000	--	6.3	PL
109	--	12	4.4	--	--	.34	--	--	--	--	--	--	--	208	--	--	
1430	338	18	1530	--	--	--	--	--	--	4400	--	120	0	7340	--	8.6	PL
720	168	43	200	--	--	--	--	--	--	1460	1300	84	0	2620	--	8.5	PL
335	--	20	4.9	--	--	.80	--	--	--	--	--	--	--	545	--	8.1	
177	--	1470	40	1.8	.00	--	--	--	--	2530	--	275	130	--	E18	7.9	DH
381	0	97	15	3.9	--	.10	--	.00	200	--	505	30	0	835	14	7.8	
375	0	520	110	2.8	--	35	--	.09	640	--	1400	820	510	1900	2.3	7.6	
228	0	200	11	.5	--	.02	--	.00	80	--	495	260	77	762	1.8	7.3	
61	0	2.0	--	.0	--	--	.10	--	70	74	--	48	0	120	.1	6.6	DH
227	--	19	2.7	--	--	.21	--	--	--	--	--	--	--	387	--	--	
178	0	12	8.7	.2	--	.24	--	.03	30	--	176	150	2	320	.2	8.0	
231	0	--	1.0	--	2.3	--	--	--	--	--	--	206	17	392	--	7.5	
206	0	12	2.0	--	4.1	--	--	--	--	195	--	181	12	351	E.1	7.3	
260	0	29	3.0	.1	1.5	--	--	--	50	257	263	236	23	440	.1	7.6	
235	0	--	3.0	--	2.3	--	--	--	--	--	--	219	26	418	--	7.5	
230	0	19	2.5	--	3.4	--	--	--	--	223	--	210	21	400	E.1	7.6	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	440	--	--	
248	0	30	4.3	--	--	--	--	--	--	--	--	240	35	438	.1	7.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	420	--	--	
170	0	17	7.2	.1	--	.55	--	.03	40	--	180	140	0	315	.4	7.0	
166	0	9.6	3.6	.1	--	.12	--	.06	0	--	158	130	0	281	.3	7.1	
103	0	9.6	1.7	.1	--	.18	--	.03	30	--	109	90	6	179	.1	7.2	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	235	--	--	
319	0	25	5.0	.1	1.4	--	--	--	--	374	--	267	6	--	E1.6	7.9	DH
349	2	9.0	20	.7	1.1	--	.03	--	0	342	336	300	9	590	.1	--	DH
292	1	16	15	.5	2.7	--	.00	--	180	278	300	242	1	420	.1	--	DH
314	0	11	3.2	.5	--	.36	--	.03	40	--	281	250	0	450	.1	8.2	
399	0	5.4	4.7	.1	--	.03	--	.09	30	--	349	310	0	603	.3	7.4	
291	0	48	17	.5	--	.18	--	.00	30	--	338	280	41	579	.4	7.5	
229	15	130	5.3	1.5	--	.00	--	.09	1100	--	432	11	0	712	19	8.7	
2120	--	2900	6720	--	--	--	--	--	205000	19300	18000	230	0	--	--	8.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	480	--	--	
292	0	22	9.5	--	.90	--	--	--	--	300	294	260	21	500	.2	7.3	
321	0	23	10	.3	--	.04	--	.12	30	--	322	280	17	570	.2	7.4	
342	--	--	31	--	--	--	--	--	--	--	--	188	0	--	--	7.0	
276	0	11	8.3	.1	--	.97	--	.00	0	--	268	230	0	451	.3	7.4	
184	0	250	64	.4	--	.03	--	.12	0	--	595	390	240	939	.9	7.3	

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
U(B- 1- 8)10ADB-S1	73-09-07	1430	111LDLD	--	--	--	13.5	5.4	80	62	14	1.3	--	1.1
U(B- 1- 8)17CBB-S1	71-08-25	--	330MSSP	15	--	--	6.5	4.7	20	39	12	1.7	--	.1
	71-08-31	1425	330MSSP	15	--	--	7.0	--	--	--	--	--	--	--
	72-03-30	--	330MSSP	15	--	--	6.5	--	--	--	--	--	--	--
	72-06-16	--	330MSSP	15	--	--	4.5	--	--	--	--	--	--	--
	72-07-07	--	330MSSP	15	--	--	--	--	--	--	--	--	--	--
	72-07-20	1045	330MSSP	15	--	--	5.5	--	--	--	--	--	--	--
	73-07-27	1430	330MSSP	15	--	--	7.0	--	--	--	--	--	--	--
	73-09-18	1515	330MSSP	15	--	--	6.0	4.5	20	38	13	1.0	--	.4
U(B- 1- 8)18DDA-S1	73-07-19	--	1120TSH	--	--	--	6.0	--	--	--	--	--	--	--
U(B- 1- 8)19DDD- 1	72-06-16	--	1120TSH	85	--	85	11.0	8.6	250	50	19	3.9	--	1.2
U(B- 1- 8)27CDA-S1	73-05-16	1100	237WDSD	--	--	--	10.0	17	9	39	20	7.8	--	1.0
U(B- 1- 8)29CDD-S1	58-07-04	--	1120TSH	--	--	--	9.0	--	--	--	--	--	--	--
	73-05-11	--	1120TSH	--	--	--	--	--	--	--	--	--	--	--
U(B- 1- 8)29DDD- 1	73-05-11	1100	1120TSH	114	--	--	9.5	9.3	9	40	35	11	--	1.2
U(B- 1- 8)29DDD- 2	73-05-11	--	1120TSH	102	--	--	12.0	--	--	--	--	--	--	--
U(B- 1- 8)30DDB-S1	71-11-24	--	310WEBR	--	--	--	26.0	16	20	85	27	23	--	4.4
U(B- 1- 8)32BAA- 1	73-05-11	--	1120TSH	63	--	--	14.5	--	--	--	--	--	--	--
U(B- 1- 8)32DAA- 1	73-05-10	--	1120TSH	--	--	--	--	--	--	--	--	--	--	--
U(B- 1- 8)33BBB-S1	58-07-04	--	1120TSH	--	--	--	8.5	--	<500	--	--	--	--	--
U(B- 1- 8)33BCA- 1	73-05-11	--	1120TSH	77	--	--	9.5	--	--	--	--	--	--	--
U(B- 1- 8)33CDC- 1	73-05-15	--	1120TSH	--	--	--	--	--	--	--	--	--	--	--
U(B- 1- 9) 1BDA- 1	73-07-19	1545	1120TSH	30	--	--	7.5	5.6	70	45	15	2.5	--	.8
U(B- 1- 9)12ADA- 1	73-07-19	--	1120TSH	27	--	--	8.5	--	--	--	--	--	--	--
U(B- 1- 9)12ADD- 1	73-07-19	--	1120TSH	27	--	--	--	--	--	--	--	--	--	--
U(B- 1- 9)12ADD- 2	73-07-19	--	1120TSH	28	--	--	8.5	--	--	--	--	--	--	--
U(B- 1- 9)12DAA- 1	73-07-27	1430	1120TSH	84	--	--	7.5	7.3	40	51	18	6.4	--	1.1
U(B- 2- 1)15DCB-S1	73-08-09	1700	123DCRV	--	--	--	--	22	40	6.8	1.4	1.6	--	4.3
U(B- 2- 1)24CCC- 1	73-05-10	1425	1120TSH	45	--	--	--	10	20	70	16	24	--	3.3
U(B- 2- 2) 5DBB-S1	71-08-27	--	330MSSP	--	--	--	7.0	8.4	20	19	4.0	1.0	--	.3
U(B- 2- 2)20BBC- 1	56-08-31	--	124GRRV	6431	4115	4143	--	--	--	63	26	--	14	--
U(B- 2- 2)30AAD-S1	73-05-09	1600	1120TSH	--	--	--	7.5	6.1	50	5.8	1.1	1.2	--	.9
	73-09-26	1700	1120TSH	--	--	--	8.5	--	--	--	--	--	--	--
U(B- 2- 3)22DCC- 1	73-08-29	--	310PRKC	5100	4555	4620	--	--	--	30	11	123	--	7.0
U(B- 2- 3)34AAB-S1	73-09-26	1630	123DCRV	--	--	--	10.0	12	20	41	5.8	4.9	--	1.0
U(B- 2- 4) 4DAB-S1	73-05-18	1415	111LDLD	--	--	--	7.0	8.2	9	47	18	3.6	--	2.0
U(B- 2- 4)15BAD- 1	73-05-18	1315	1120TSH	116	--	--	9.0	.7	280	44	25	2.7	--	.8
U(B- 2- 4)25BDB-S1	73-05-18	1230	1120TSH	--	--	--	13.0	--	--	--	--	--	--	--
U(B- 2- 6)14BCC-S1	74-06-20	--	123DCRV	--	--	--	--	--	--	--	--	--	--	--
U(B- 2- 7)25CAB-S1	72-04-20	--	330MSSP	40	--	--	3.0	4.3	30	15	3.9	1.2	--	.5
U(B- 2- 7)25CBA-S1	72-04-20	--	1120TSH	--	--	--	1.5	--	--	--	--	--	--	--
U(B- 2- 7)36ABA-S1	73-09-07	1145	331HMBG	--	--	--	10.0	5.3	160	21	5.6	1.5	--	.4
U(B- 2- 9)22ADC- 1	73-07-19	--	1120TSH	50	--	--	7.5	--	--	--	--	--	--	--
U(B- 2- 9)22DAC- 1	73-07-19	--	1120TSH	30	--	--	8.5	6.7	2800	7.9	5.3	4.2	--	.8
U(B- 2- 9)26DCB- 1	73-07-19	1500	1120TSH	30	--	--	6.5	6.9	40	60	20	2.2	--	.8
U(B- 2- 9)26DCC- 1	73-07-27	--	1120TSH	29	--	--	--	--	--	--	--	--	--	--
U(B- 3- 1) 7BCC-S1	73-08-09	1500	400UNMN	--	--	--	4.5	5.6	40	3.6	.7	.9	--	.5
U(B- 3- 1)25BBA-S1	67-05-15	--	400MUTL	--	--	--	8.0	--	--	5.8	2.7	1.4	--	1.2
U(B- 3- 2)19CBD-S1	71-08-27	--	400MUTL	--	--	--	6.0	4.5	20	3.5	.3	.6	--	.0
U(B- 3- 2)19CBD-S2	71-08-27	--	400MUTL	--	--	--	9.0	6.9	--	4.8	.5	2.6	--	.3
	74-06-24	1145	400MUTL	--	--	--	9.0	--	--	--	--	--	--	--
U(B- 4- 9)34B -S	54-10-20	--	400MUTL	--	--	--	7.0	3.6	0	2.6	.4	1.0	--	1.8
U(C- 1- 1) 8ACD- 1	63-11-07	--	124GRRV	10954	9039	9127	--	--	--	11	5.0	4000	--	--
	63-11-30	--	124GRRV	10954	10334	10453	--	--	--	14	3.0	3940	--	52
U(C- 1- 1)13CCD- 1	59-11-05	--	124GRRV	10276	9825	10187	--	27	--	13	5.4	--	3100	--
	60-05-04	--	124GRRV	10276	9825	10187	--	23	--	27	10	3670	--	47
U(C- 1- 1)31BAA- 1	73-11-27	1545	123DCRV	236	--	--	11.0	--	--	--	--	--	--	--
U(C- 1- 1)31DDD-S1	72-07-25	--	1120TSH	300	--	--	--	43	0	442	41	40	--	5.0
U(C- 1- 1)33CCC- 1	73-05-21	1605	123DCRV	300	--	--	12.0	8.3	170	17	6.4	81	--	3.0
U(C- 1- 1)36CDC- 1	73-09-26	1036	123DCRV	260	--	--	--	15	70	160	110	210	--	23
U(C- 1- 2) 3BBB- 1	58-07-06	--	1120TSH	15	--	--	14.5	--	--	--	--	--	--	--
U(C- 1- 2) 3BBC- 1	58-07-06	--	123DCRV	120	--	--	--	7.0	--	34	14	--	59	--
U(C- 1- 2) 3BCB- 1	69-04-18	--	123DCRV	152	--	--	--	--	--	120	84	--	49	--
U(C- 1- 2) 3BCD- 1	67-12-04	--	124GRRV	--	9042	9110	--	--	0	.0	.0	3120	--	11
	69-04-18	--	124GRRV	9150	9042	9110	--	--	--	3.2	1.0	--	2620	--
U(C- 1- 2) 3DBB- 1	68-01-08	--	123DCRV	10600	2735	2815	--	--	0	389	147	19800	--	50
	68-02-09	--	123DCRV	10600	9153	9176	--	--	--	19	4.0	2240	--	19
	68-02-10	--	123DCRV	10600	9053	9127	--	--	--	17	3.0	2130	--	21
	68-03-06	--	123DCRV	10600	9335	9356	--	--	0	19	3.0	2010	--	15
	68-03-11	--	123DCRV	10600	10480	10540	--	--	--	66	18	10900	--	120
	68-03-13	--	123DCRV	10600	10650	10790	--	--	0	17	4.0	4510	--	30
	68-04-25	--	123DCRV	10600	10380	10410	--	--	0	87	8.0	10800	--	110
	70-02-26	--	123DCRV	10600	10380	10410	--	--	0	36	12	11400	--	210
U(C- 1- 2) 4ADD- 1	73-05-09	1400	123DCRV	400	--	--	11.0	39	9	72	57	73	--	1.8
U(C- 1- 2) 6ACA- 1	50-10-01	--	124GRRV	12518	10209	10257	--	--	--	--	--	--	3310	--
U(C- 1- 2) 7CAC- 1	70-01-23	--	124GRRV	11855	9767	9917	--	--	0	15	6.0	20000	--	350
	70-01-24	--	124GRRV	11855	11378	11519	--	--	0	100	18	10230	--	250
	70-01-25	--	124GRRV	11855	11490	11519	--	--	0	100	18	10200	--	250
	70-01-26	--	124GRRV	11855	11537	11658	--	--	0	35	9.0	4910	--	120

water wells, springs, and petroleum-test wells--Continued

BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
239	0	17	2.0	.3	--	.16	--	.00	50	--	222	210	16	392	.0	8.1	
177	0	1.0	3.4	.2	.40	.36	--	.03	10	--	151	150	2	257	.1	7.8	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	278	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	285	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	240	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	245	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	225	--	--	
172	0	4.6	1.9	.1	--	.25	--	.00	--	--	149	150	7	262	.0	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	350	--	--	
224	0	26	7.1	.1	--	.01	--	.00	20	--	226	200	19	393	.1	7.7	
217	0	8.0	6.5	.0	--	.19	--	.03	30	--	207	180	2	362	.3	7.2	
455	--	--	25	--	--	--	--	--	--	--	--	308	0	--	--	7.5	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	440	--	--	
295	0	16	5.1	.2	--	.73	--	.00	40	--	267	240	2	484	.3	7.7	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	--	--	
190	0	180	24	.9	--	.08	--	.06	130	--	454	320	170	704	.6	7.4	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	435	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	485	--	--	
377	--	--	25	--	--	--	--	--	--	--	--	257	0	--	--	7.2	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	605	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	540	--	--	
183	0	29	2.9	.2	--	.16	--	.00	10	--	192	170	24	339	.1	7.7	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	430	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	390	--	--	
200	0	45	3.1	.2	--	.06	--	.00	50	--	231	200	37	399	.2	7.6	
0	0	44	3.1	.1	--	.06	--	.03	30	--	84	23	23	128	.1	4.3	
292	0	57	5.3	.4	--	.23	--	.00	60	--	331	240	1	544	.7	7.6	
66	0	13	.8	.2	--	.27	--	.03	10	--	80	64	10	129	.1	7.6	
132	--	180	.0	--	--	--	--	--	--	399	348	--	--	579	--	8.2	PL
24	0	6.0	1.7	.1	--	.29	--	.00	20	--	36	19	0	49	.1	6.4	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	55	--	--	
183	--	220	12	--	--	--	--	--	--	--	--	120	--	790	5.0	7.5	PL
155	0	9.4	4.7	.2	--	.39	--	.12	10	--	157	130	0	271	.2	7.6	
196	0	32	2.4	.0	--	.18	--	.00	40	--	211	190	31	375	.1	7.4	
51	0	170	1.9	.8	--	.01	--	.00	20	--	272	210	170	431	.1	7.3	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	85	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	260	--	--	
62	0	4.5	2.1	.1	--	.15	--	.06	0	--	63	53	3	104	.1	7.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	110	--	--	
92	0	5.6	2.2	.1	--	.04	--	.00	50	--	87	76	0	154	.1	8.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	110	--	--	
44	0	9.3	5.0	.1	--	.22	--	.00	40	--	65	42	5	98	.3	7.1	
259	0	18	3.0	.1	--	.03	--	.00	20	--	239	230	20	423	.1	7.6	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	320	--	--	
15	0	3.0	2.1	.1	--	.25	--	.00	40	--	25	12	0	31	.1	5.8	
22	0	10	1.1	--	--	--	--	--	--	52	--	26	8	58	.1	7.1	PL
11	0	4.8	1.2	.1	--	.25	--	.03	10	--	22	10	1	22	.1	6.5	
17	0	--	1.4	--	--	.24	--	--	--	--	--	14	0	49	.3	6.4	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	61	--	--	
8	0	3.4	.8	.1	1.2	--	--	.10	--	20	19	8	2	36	.2	6.5	
2501	108	1300	3700	--	--	--	--	--	--	--	10400	--	--	16200	--	8.5	PL
2210	0	1600	3700	--	--	--	--	--	--	--	10400	--	--	15100	--	7.8	PL
2100	93	56	3440	--	10	--	--	--	--	8190	7780	54	0	13000	183	8.5	
2320	147	17	4100	--	5.4	--	--	--	29000	9290	9210	110	0	14600	152	8.5	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
376	1	1027	22	3.1	2.0	--	.10	--	500	1952	1820	1270	961	2130	.5	--	DH
177	0	110	1.6	1.1	--	.00	--	.00	70	--	316	69	0	509	4.3	7.8	
347	0	890	78	2.4	--	3.9	--	.12	790	--	1680	850	570	2350	3.1	7.8	
992	--	--	63	--	--	--	--	--	--	--	--	428	0	--	--	7.2	
216	0	72	13	--	.60	--	--	--	--	313	306	142	0	523	2.2	7.6	
358	0	175	195	--	--	--	--	--	--	--	--	645	351	1560	.8	7.9	
2640	0	1160	2440	--	--	--	--	--	--	8030	--	0	0	10700	--	8.2	PL
2280	35	548	2280	--	--	--	--	--	--	--	--	12	0	10200	330	8.5	
781	--	6070	26800	--	--	--	--	--	--	--	5370	1600	940	70500	217	7.4	PL
1380	384	412	1960	--	--	--	--	--	--	--	5720	64	0	9170	122	8.3	PL
1750	204	716	1560	--	--	--	--	--	--	--	5510	55	0	8150	125	8.5	PL
1920	228	346	1520	--	3.0	--	--	--	--	--	5090	60	0	7800	113	8.7	PL
1684	--	5410	12100	--	--	--	--	--	--	--	29400	240	0	38600	307	8.0	PL
2440	--	1850	4250	--	--	--	--	--	--	--	11900	59	0	16900	256	7.7	PL
1620	--	4760	12400	--	--	--	--	--	--	--	28900	250	0	37900	297	7.9	PL
1810	--	4880	13300	--	--	--	--	--	--	--	30800	140	0	40700	420	8.1	PL
412	0	130	69	.9	--	9.1	--	.06	380	--	687	410	77	1030	1.6	7.6	
1950	180	790	3180	--	--	--	--	--	--	--	8420	--	--	12800	--	8.3	PL
1879	420	4130	29600	--	--	--	--	--	--	--	66400	62	0	73300	1100	8.5	PL
1460	--	5270	11500	--	--	--	--	--	--	--	28100	320	0	36100	247	7.5	PL
1500	--	5120	11500	--	--	--	--	--	--	--	27900	320	0	36100	247	7.4	PL
2490	0	1920	4900	--	--	--	--	--	--	--	13100	120	0	19300	192	8.2	PL

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
U(C- 1- 2) 7CAC- 1--CONT.	70-01-27	--	124GRRV	11855	11667	11855	--	--	0	25	3.0	1800	--	36
	70-05-01	--	124GRRV	11855	11270	11340	--	--	--	250	47	--	12780	--
	70-05-06	--	124GRRV	11855	11270	11340	--	--	0	270	49	13400	--	330
U(C- 1- 2)11BBA- 1	67-10-02	--	124GRRV	11128	9202	9282	--	--	0	7.0	2.0	2520	--	21
	67-10-03	--	124GRRV	11128	9391	9466	--	--	0	7.0	2.0	2870	--	19
	67-12-04	--	124GRRV	11128	9651	11130	--	--	0	68	13	9420	--	90
	68-04-26	--	124GRRV	11128	8915	11130	--	--	0	6.0	1.0	3060	--	21
U(C- 1- 2)11BBA- 1S	69-04-18	--	124GRRV	10510	10370	10510	--	--	0	52	11	11200	--	300
	70-02-26	--	124GRRV	10510	10370	10510	--	--	0	44	9.0	10900	--	220
U(C- 1- 2)11DDB- 1	71-11-22	--	123DCRV	600	--	600	--	9.5	20	52	9.9	7.3	--	4.3
U(C- 1- 2)11DDB- 2	71-11-22	--	123DCRV	160	--	150	--	8.6	20	53	14	13	--	4.2
U(C- 1- 2)12CDD- 1	71-11-22	--	123DCRV	300	--	300	--	9.4	20	48	10	5.3	--	4.1
U(C- 1- 2)15BBC- 1	61-03-27	--	123DCRV	100	--	100	10.5	7.7	--	49	25	13	--	2.6
	62-04-30	--	123DCRV	100	--	100	11.0	--	--	--	--	--	10	--
	72-03-02	1440	123DCRV	100	--	--	12.0	--	--	--	--	--	--	--
	73-03-21	1410	123DCRV	100	--	--	10.5	--	--	--	--	--	--	--
	73-06-13	1600	123DCRV	100	--	--	11.5	--	--	--	--	--	--	--
	73-08-31	1420	123DCRV	100	--	--	11.5	--	--	--	--	--	--	--
	74-03-21	1830	123DCRV	100	--	--	11.0	--	--	--	--	--	--	--
	74-06-18	1430	123DCRV	100	--	--	11.1	--	--	--	--	--	--	--
U(C- 1- 2)16AAD- 1	73-08-31	--	123DCRV	200	--	--	11.5	--	--	--	--	--	--	--
U(C- 1- 2)22CBB- 1	64-10-06	--	123DCRV	810	--	810	12.0	8.6	--	47	18	--	13	--
U(C- 1- 2)23BCC- 1	73-05-09	1315	123DCRV	525	--	--	13.0	8.3	310	46	11	3.2	--	3.1
U(C- 1- 2)27AAA- 1	57-10-21	--	123DCRV	215	--	215	11.0	7.3	--	54	12	--	12	--
	58-10-08	--	123DCRV	215	--	215	13.0	8.6	--	57	10	--	12	--
	59-10-20	--	123DCRV	215	--	215	11.5	8.4	--	48	15	--	14	--
U(C- 1- 2)27ABC- 6D	74-05-17	1500	123DCRV	1010	--	--	12.5	8.8	1000	48	13	4.8	--	3.3
U(C- 1- 3)31CAA- 6	71-11-18	--	112OTSH	44	--	44	14.5	50	10	49	33	15	--	2.3
U(C- 1- 3)32CAA- 1	73-07-13	1200	123DCRV	200	--	--	--	15	110	100	48	74	--	2.5
U(C- 1- 3)33DDD- 1	71-10-31	--	123DCRV	53	--	--	--	15	0	115	51	40	--	6.0
U(C- 1- 3)33DDD- 2	71-08-22	--	123DCRV	160	--	--	--	7.0	0	116	48	30	--	3.0
	71-10-31	--	123DCRV	160	--	--	--	17	0	160	83	115	--	3.0
U(C- 1- 3)34BBB- 1	74-06-20	1450	123DCRV	704	--	--	13.5	--	--	--	--	--	--	--
U(C- 1- 4)13BBB-S1	72-03-16	--	112OTSH	--	--	--	9.0	--	--	--	--	--	--	--
U(C- 1- 4)14AAD- 1	53-06-23	--	112OTSH	17	--	--	--	32	0	63	23	--	11	--
	58-07-05	--	112OTSH	17	--	17	18.5	38	--	75	36	--	9.2	--
	61-03-27	--	112OTSH	17	--	17	7.5	29	--	59	25	4.6	--	.4
	62-04-30	--	112OTSH	17	--	17	7.5	--	--	--	--	--	2.1	--
U(C- 1- 4)25CDB- 3	58-07-05	--	112OTSH	70	--	70	9.0	31	--	72	34	--	4.6	--
	72-03-16	--	112OTSH	70	--	70	11.0	35	10	72	36	5.8	--	.9
U(C- 1- 4)31ACA- 1	73-04-12	--	123DCRV	320	--	--	7.0	32	50	94	91	110	--	1.3
U(C- 1- 5)13ABC- 1	73-03-20	1500	123DCRV	100	--	--	9.0	26	40	75	25	28	--	1.0
U(C- 1- 5)13ADA- 3	57-10-21	--	123DCRV	367	--	367	--	33	--	89	33	--	11	--
	58-10-08	--	123DCRV	367	--	367	--	35	--	88	29	--	15	--
	59-10-20	--	123DCRV	367	--	367	--	31	--	80	33	--	13	--
U(C- 1- 5)36ACA- 1	73-05-07	2330	124WSTC	--	12480	12500	--	--	--	170	22	4500	--	12
U(C- 1- 7) 6ABA-S1	58-07-04	--	220NVJO	45	--	--	8.5	7.8	--	35	11	--	4.6	--
U(C- 1- 7)19DBD- 1	73-05-17	0900	211CTCK	140	--	--	10.0	11	110	49	13	160	--	6.0
U(C- 1- 7)32ACD- 1	73-05-16	1500	124UINT	208	--	--	9.5	13	9	56	53	73	--	13
U(C- 1- 7)33ABA- 1	73-05-16	--	124UINT	636	--	--	7.5	--	--	--	--	--	--	--
U(C- 1- 8) 4BBB- 1	73-05-15	--	112OTSH	>45	--	--	9.0	--	--	--	--	--	--	--
U(C- 1- 8) 4BBC- 1	73-05-15	--	112OTSH	--	--	--	--	--	--	--	--	--	--	--
U(C- 1- 8) 4BDD- 1	69-12-03	--	112OTSH	193	--	--	--	7.0	0	72	25	10	--	1.0
	72-03-30	--	112OTSH	193	--	193	7.0	7.7	20	72	25	10	--	1.4
U(C- 1- 8)10CAA-S1	58-07-04	--	112OTSH	--	--	--	9.0	12	--	70	36	--	12	--
U(C- 1- 8)10DAD- 1	71-12-01	--	112OTSH	70	--	70	10.0	11	0	67	23	13	--	1.5
U(C- 1- 8)11CCD- 1	73-05-17	--	112OTSH	45	--	--	9.0	--	--	--	--	--	--	--
U(C- 1- 8)11CCD- 2	73-05-17	--	112OTSH	33	--	--	7.5	--	--	--	--	--	--	--
U(C- 1- 8)11CDC- 2	72-03-17	--	221MRSN	575	--	575	--	11	20	66	22	13	--	1.6
U(C- 1- 8)11DDC- 2	73-05-17	--	112OTSH	97	--	--	--	--	--	--	--	--	--	--
U(C- 1- 8)12CBC-S1	58-07-04	--	211FRNR	--	--	--	11.0	13	--	111	38	--	106	--
U(C- 1- 8)12CDB- 1D	73-05-11	--	211FRNR	122	--	--	13.5	--	--	--	--	--	--	--
U(C- 1- 8)13CCC- 1	73-05-11	--	112OTSH	40	--	--	--	--	--	--	--	--	--	--
U(C- 1- 8)13CCC- 2	73-05-17	1230	112OTSH	64	--	--	10.0	9.4	9	70	23	9.7	--	1.4
U(C- 1- 8)14ADD- 1	73-05-16	--	112OTSH	76	--	--	14.0	--	--	--	--	--	--	--
U(C- 1- 8)14BAC- 1	73-05-17	--	112OTSH	38	--	--	10.0	--	--	--	--	--	--	--
U(C- 1- 8)14BDA- 1	73-05-17	--	112OTSH	30	--	--	--	--	--	--	--	--	--	--
U(C- 1- 8)24BBB- 1	73-05-17	--	112OTSH	42	--	--	--	--	--	--	--	--	--	--
U(C- 1- 8)24DDC- 1	73-05-17	--	112OTSH	48	--	--	9.0	--	--	--	--	--	--	--
U(C- 1- 8)24DDD- 1	73-05-17	--	112OTSH	43	--	--	5.5	--	--	--	--	--	--	--
U(C- 1- 8)36CAD-S1	50-09-28	--	124UINT	--	--	--	--	7.1	20	33	34	--	11	--
	54-10-20	--	124UINT	--	--	--	--	8.6	--	50	23	6.0	--	2.2
	72-03-30	--	124UINT	--	--	--	8.5	--	--	--	--	--	--	--
	72-11-16	--	124UINT	--	--	--	9.0	--	--	--	--	--	--	--
	73-03-07	--	124UINT	--	--	--	--	--	--	--	--	--	--	--
U(C- 2- 1) 2CBC- 1	73-05-09	1215	123DCRV	200	--	--	--	8.3	9	72	24	160	--	2.2
U(C- 2- 1) 7CCC- 2	72-02-16	--	123DCRV	515	--	--	--	10	0	22	7.0	65	--	2.0
U(C- 2- 1) 9ADD- 1	73-04-25	1100	123DCRV	140	--	--	--	8.1	60	2.8	1.3	130	--	1.1
U(C- 2- 1) 9DAD- 1	72-06-03	--	123DCRV	740	--	740	14.5	9.8	40	2.3	.9	190	--	1.0
U(C- 2- 1)14CCC- 1	73-08-09	1000	124UINT	560	--	--	12.5	5.9	3000	64	27	2400	--	7.9

water wells, springs, and petroleum-test wells--Conti· d

BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
2050	--	576	1240	--	--	--	--	--	--	--	4690	75	0	7860	91	8.1	PL
839	--	1980	18300	--	--	--	--	--	16000	34200	33800	820	130	--	--	7.6	
817	--	2070	19600	--	--	--	--	--	--	--	36100	880	210	51200	197	8.0	PL
1650	84	752	2660	--	--	--	--	--	--	--	6850	26	0	11200	216	8.4	PL
2150	96	617	2640	--	--	--	--	--	--	--	7310	26	0	10800	246	8.4	PL
1720	--	4020	10800	--	--	--	--	--	--	--	25300	220	0	35500	274	8.0	PL
2270	--	535	3040	--	--	--	--	--	--	--	7780	19	0	12200	305	8.1	PL
1550	--	3270	14300	--	--	--	--	--	--	--	29900	180	0	39300	368	8.0	PL
1680	--	3770	13400	--	--	--	--	--	--	--	29200	150	0	39600	391	8.1	PL
175	0	52	1.1	.6	--	.03	--	.00	--	--	223	170	27	353	.2	7.8	
228	0	39	1.5	.5	--	.01	--	.00	--	--	246	190	3	407	.4	7.4	
170	0	55	.5	.5	--	.00	--	.00	--	--	216	160	22	354	.2	7.8	
251	0	32	8.0	.4	.10	--	--	--	130	253	261	223	17	452	.4	8.1	
250	0	30	9.5	--	--	--	--	--	--	257	--	227	22	464	E.3	8.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	450	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	430	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	495	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	460	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	420	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	460	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	470	--	--	
212	0	41	1.9	--	.10	--	--	--	--	222	234	192	18	383	E.4	7.6	
154	0	49	1.4	.9	--	.00	--	.00	30	--	199	160	34	322	.1	7.8	
208	0	35	2.5	--	.10	--	--	--	--	--	225	184	13	382	E.4	7.4	
206	0	39	1.0	--	.00	--	--	--	--	--	229	184	15	385	E.4	7.8	
214	0	33	2.5	--	.10	--	--	--	--	--	226	183	8	384	.4	7.5	
175	0	45	.7	.6	--	.05	--	.00	10	--	212	170	30	353	.2	7.8	
319	0	16	2.0	.6	--	.89	--	.06	80	--	329	260	0	506	.4	7.4	
380	0	150	100	.3	--	2.5	--	.03	140	--	689	450	140	1120	1.5	7.7	
381	1	249	12	.6	2.0	--	.10	--	400	708	679	496	183	1020	.8	--	DH
456	0	151	18	.1	.10	--	.00	--	260	634	599	486	113	1000	.6	7.2	DH
559	1	390	92	.7	4.0	--	.00	--	560	1194	1140	740	280	1670	1.8	--	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	730	--	--	
336	0	10	1.9	--	--	--	--	--	--	--	--	--	--	504	--	7.4	
288	1	2.6	26	.7	.15	--	--	--	--	303	--	253	14	--	E.3	--	DH
400	0	22	3.5	--	2.7	--	--	--	--	391	383	338	10	618	E.2	7.7	
291	0	14	1.0	.4	.10	--	--	--	120	280	277	250	11	456	.1	7.9	
336	0	19	5.0	--	--	--	--	--	--	326	--	298	22	544	.1	7.7	
372	0	17	2.5	--	4.7	--	--	--	--	360	349	320	15	578	E.1	7.4	
394	0	14	4.8	.5	--	.54	--	.06	30	--	365	330	5	592	.1	7.4	
642	0	190	82	1.1	--	2.3	--	.06	480	--	929	610	83	1450	1.9	7.6	
393	0	20	8.9	.4	--	1.7	--	.03	150	--	386	290	0	627	.7	7.6	
444	0	8.0	5.0	--	.40	--	--	--	--	--	397	356	0	648	E.3	7.4	
426	0	13	5.0	--	1.1	--	--	--	--	--	395	338	0	635	E.4	7.6	
424	0	9.9	3.8	--	1.4	--	--	--	--	--	380	337	0	632	E.3	7.3	
1180	0	5000	2900	--	--	--	--	--	--	--	--	520	0	16500	86	7.6	
164	0	4.1	2.5	--	1.8	--	--	--	--	160	148	134	0	265	E.2	7.8	
383	0	170	34	.4	--	1.4	--	.03	220	--	639	180	0	973	5.3	7.4	
470	0	98	26	.8	--	6.3	--	.18	240	--	593	360	0	986	1.7	7.2	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	875	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	495	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	475	--	--	
182	1	124	20	.2	1.0	--	.80	--	170	378	351	282	132	520	.3	--	DH
181	0	130	14	.3	--	.21	--	.00	40	--	350	280	130	548	.3	7.6	
262	0	114	8.2	--	2.6	--	--	--	--	401	384	321	106	623	.3	7.6	
285	0	62	6.4	.0	--	.48	--	.03	60	--	326	260	28	539	.4	7.3	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	610	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	630	--	--	
255	0	75	8.7	.1	--	.32	--	.00	20	--	324	260	46	527	.4	7.8	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1450	--	--	
384	0	304	24	--	.60	--	--	--	--	801	786	436	121	1160	2.2	7.6	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1100	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	530	--	--	
271	0	59	7.0	.0	--	.30	--	.00	40	--	314	270	47	548	.3	7.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	700	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	505	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	630	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	575	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	510	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	480	--	--	
259	--	19	4.8	.3	.40	--	--	--	--	238	--	220	0	--	E.3	8.1	DH
258	0	14	3.5	.0	2.2	--	--	.10	--	235	237	219	8	424	E.2	7.8	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	425	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
277	0	340	11	1.8	--	.21	--	.03	110	--	757	280	51	1100	4.2	8.1	
211	4	48	2.0	.9	.00	--	.00	--	220	262	265	84	0	460	3.1	--	DH
265	0	71	2.7	1.9	--	.01	--	.12	100	--	350	12	0	559	16	8.3	
268	23	120	33	1.2	--	.00	--	.00	230	--	513	9	0	873	27	8.8	
523	0	710	3200	2.0	--	.02	--	.09	130	--	6680	270	0	11300	63	7.9	

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
U(C- 2- 1)14CCC- 1 --CONT.	73-11-15	--	124UINT	560	--	--	--	--	--	--	--	--	--	--
	74-06-20	0930	124UINT	560	--	--	--	--	--	--	--	--	--	--
U(C- 2- 1)14CDB- 1	52-06-11	--	124UINT	667	--	--	--	2.4	110	20	5.0	--	1100	--
U(C- 2- 1)15CAC- 1	73-03-22	1700	124UINT	600	--	--	14.5	9.4	50	1.9	.4	130	--	.9
U(C- 2- 1)15DDC- 1	64-10-06	--	124UINT	560	--	560	13.5	7.5	--	2.4	1.5	206	--	.5
	68-08-13	--	124UINT	560	--	560	19.0	6.8	--	.0	1.0	--	210	--
	69-08-12	--	124UINT	560	--	560	--	--	--	--	--	--	--	--
	72-03-02	1625	124UINT	560	--	--	12.0	--	--	--	--	--	--	--
	72-08-02	--	124UINT	560	--	560	17.5	9.3	--	2.7	.8	190	--	1.4
	73-04-12	0940	124UINT	560	--	--	--	--	--	--	--	--	--	--
	73-04-18	1445	124UINT	560	--	--	--	--	--	--	--	--	--	--
	73-06-13	1515	124UINT	560	--	--	--	--	--	--	--	--	--	--
	73-08-31	1130	124UINT	560	--	--	--	9.3	--	1.3	.4	200	--	.6
U(C- 2- 1)16BBB- 1	58-07-06	--	123DCRV	685	--	--	16.5	--	<500	--	--	--	--	--
U(C- 2- 1)17ABA- 1	54-02-08	--	123DCRV	275	--	275	--	11	--	7.8	.1	--	314	--
U(C- 2- 1)21AAA- 1	54-02-14	--	124UINT	540	--	540	--	9.6	--	70	8.8	--	16	--
	58-07-06	--	124UINT	540	--	540	14.5	11	--	3.2	1.0	--	172	--
U(C- 2- 1)21CCD- 1	73-04-25	1215	123DCRV	281	--	--	--	8.4	9	2.5	.5	230	--	.7
U(C- 2- 1)27BCB- 1	58-07-06	--	123DCRV	--	--	--	18.5	--	--	--	--	--	--	--
U(C- 2- 1)27DBB- 1	58-07-06	--	112OTSH	42	--	--	18.5	9.0	--	4.0	1.5	--	147	--
U(C- 2- 1)29ACC- 1	73-03-23	1230	123DCRV	78	--	--	--	7.9	50	2.2	.6	150	--	.9
U(C- 2- 2) 2CCC- 1	73-11-21	0815	123DCRV	242	--	--	12.0	--	--	--	--	--	--	--
	73-11-27	1315	123DCRV	861	--	--	12.0	--	--	--	--	--	--	--
	73-11-28	--	123DCRV	861	--	--	13.0	9.4	20	38	14	30	--	4.0
	74-02-05	2100	123DCRV	861	--	--	13.0	--	--	--	--	--	--	--
	74-02-06	0220	123DCRV	861	--	--	13.5	--	--	--	--	--	--	--
	74-02-06	0840	123DCRV	861	--	--	14.0	--	--	--	--	--	--	--
	74-02-07	1200	123DCRV	861	--	--	14.0	--	--	--	--	--	--	--
	74-02-07	1800	123DCRV	801	--	--	13.5	--	--	--	--	--	--	--
	74-02-07	2300	123DCRV	861	--	--	14.0	--	--	--	--	--	--	--
	74-02-08	0850	123DCRV	861	--	--	14.0	--	--	--	--	--	--	--
	74-02-08	0900	123DCRV	861	--	--	14.0	--	--	39	13	25	--	3.2
U(C- 2- 2) 2CCD- 1	67-04-18	--	123DCRV	775	--	--	--	9.0	0	38	15	4.0	--	2.0
	73-09-26	--	123DCRV	775	--	--	12.5	--	--	--	--	--	--	--
	74-02-06	1025	123DCRV	775	--	--	12.5	--	--	--	--	--	--	--
	74-02-06	1430	123DCRV	775	--	--	12.0	--	--	--	--	--	--	--
U(C- 2- 2) 2CDC- 1	67-04-18	--	123DCRV	925	--	--	--	9.0	0	36	15	15	--	2.0
	73-09-26	--	123DCRV	925	--	--	12.0	--	--	--	--	--	--	--
	74-02-06	1030	123DCRV	925	--	--	10.0	--	--	--	--	--	--	--
	74-02-06	1435	123DCRV	925	--	--	11.5	--	--	--	--	--	--	--
U(C- 2- 2) 3CAD- 1	74-02-06	1115	123DCRV	300	--	--	12.5	--	--	--	--	--	--	--
	74-02-06	1520	123DCRV	300	--	--	12.5	--	--	--	--	--	--	--
	74-02-10	1740	123DCRV	300	--	--	11.5	8.5	590	45	14	4.5	--	3.3
U(C- 2- 2)11BBC- 1	72-05-13	--	123DCRV	--	--	--	13.0	--	--	--	--	--	--	--
U(C- 2- 2)12ACD- 1	74-02-06	1045	123DCRV	700	--	--	11.0	--	--	--	--	--	--	--
	74-02-06	1445	123DCRV	700	--	--	11.0	--	--	--	--	--	--	--
	74-02-10	1650	123DCRV	700	--	--	12.0	10	30	11	4.0	120	--	2.0
U(C- 2- 2)12BBB- 1	72-06-03	--	123DCRV	800	--	800	14.0	--	--	--	--	--	--	2.9
	73-11-15	1535	123DCRV	800	--	--	15.0	--	--	--	--	--	--	--
U(C- 2- 2)12BBD- 1	72-06-03	--	123DCRV	800	--	800	14.0	9.9	40	17	5.4	96	--	2.3
	74-02-06	1100	123DCRV	800	--	--	10.0	--	--	--	--	--	--	--
	74-02-06	1510	123DCRV	800	--	--	10.5	--	--	--	--	--	--	--
U(C- 2- 2)14DDC- 2	53-02-14	--	123DCRV	500	--	500	--	10	--	72	16	--	12	--
U(C- 2- 2)29CCC- 1D	73-05-19	1245	124UINT	245	--	--	13.0	8.5	30	3.3	.6	340	--	1.3
U(C- 2- 2)30DDD- 1	70-07-23	--	124UINT	200	--	--	--	9.0	90	31	16	500	--	4.0
	72-04-28	--	124UINT	200	--	200	13.0	10	20	30	15	490	--	2.4
U(C- 2- 2)35CDB-S1	56-07-31	--	111ALVM	--	--	--	--	17	0	70	38	--	200	--
U(C- 2- 3)25CBC- 1	73-05-19	--	112OTSH	80	--	--	9.5	--	--	--	--	--	--	--
U(C- 2- 3)26DAA- 1	73-05-19	1345	112OTSH	80	--	--	--	15	50	92	61	69	--	4.7
U(C- 2- 3)28DAA- 1	41-06-04	--	124UINT	200	--	95	--	1.5	--	81	64	--	72	--
U(C- 2- 3)29ADD- 1	73-07-27	1000	124UINT	200	--	--	--	8.2	20	1.3	.4	110	--	.6
U(C- 2- 3)33CCD- 1	73-04-25	1440	124UINT	910	--	--	11.5	9.1	30	2.8	.4	280	--	.7
U(C- 2- 3)34CCC-S1	59-07-05	--	111ALVM	--	--	--	17.0	--	<500	--	--	--	--	--
	67-05-16	--	111ALVM	--	--	--	--	20	0	90	46	15	--	.0
U(C- 2- 5) 28BC- 1	73-09-18	1830	123DCRV	303	--	--	11.0	29	60	100	74	87	--	1.1
U(C- 2- 5)19DCA- 1	60-04-01	--	124GRRV	10119	9305	9418	--	--	--	19	--	--	2570	--
U(C- 2- 5)27CCC- 1	58-07-05	--	124UINT	158	--	--	11.0	12	--	<1.0	<1.0	--	173	--
U(C- 2- 5)28CDA- 1D	72-03-17	--	124UINT	150	--	150	--	8.1	10	1.2	.2	180	--	.3
U(C- 2- 6)14DBC- 1D	58-07-04	--	112OTSH	95	--	--	18.0	13	--	90	64	--	24	--
U(C- 2- 6)14DBC-S1	58-07-04	--	123DCRV	--	--	--	--	--	<500	--	--	--	--	--
U(C- 2- 6)14DBD- 1	72-03-17	--	112OTSH	43	--	43	10.0	17	150	200	160	25	--	11
U(C- 2- 6)14DBD-S1	58-07-04	--	123DCRV	--	--	--	18.0	11	--	119	107	--	16	--
U(C- 2- 7)11CBD- 1	73-07-19	1130	123DCRV	80	--	--	--	15	30	140	200	65	--	25
U(C- 2- 7)13CBA- 1	57-07-04	--	111ALVM	10	--	--	14.0	--	--	--	--	--	--	--
U(C- 2-10) 6DAA- 1	70-08-03	--	211MVRD	152	--	--	--	6.0	100	67	20	23	--	6.0
	70-08-06	--	211MVRD	152	--	--	--	5.0	0	68	23	40	--	3.0
U(C- 2-10) 6DDB-S1	73-08-08	1600	211CTCK	--	--	--	13.0	9.7	80	43	6.1	6.0	--	2.6
U(C- 2-10)20AAC- 1	72-08-09	--	211CTCK	100	--	--	8.0	7.4	120	54	12	2.9	--	.8
U(C- 2-11)19BAA-S1	73-09-13	1300	112OTSH	--	--	--	7.5	--	--	--	--	--	--	--

water wells, springs, and petroleum-test wells--Continued

BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DIS_SOLVED NITRATE (NO3) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOSPHATE (PO4) (MG/L)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA,MG) (MG/L)	NONCARBONATE HARDNESS (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	SODIUM ADSORPTION RATIO	PH (UNITS)	AGENCY ANALYZING SAMPLE
--	--	--	--	--	--	--	--	--	--	--	--	--	--	6000	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	>8000	--	--	
404	3	283	1270	.3	30	--	--	--	--	3060	--	70	0	--	E57	--	DH
193	20	70	25	.6	--	.04	--	.03	50	--	354	6	0	549	22	9.1	
253	26	77	79	1.1	.30	--	--	--	60	522	528	12	0	839	26	8.7	
270	26	70	87	--	.00	--	--	--	--	522	533	4	0	898	46	9.0	
316	0	--	--	--	--	--	--	--	--	--	--	--	--	862	--	8.2	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	820	--	--	
211	48	69	78	--	--	--	--	--	--	--	503	10	0	884	26	8.8	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	930	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	860	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1010	--	--	
293	31	57	82	--	--	--	--	--	--	--	526	5	0	948	39	9.1	
360	34	--	106	--	--	--	--	--	--	--	--	17	0	--	--	--	
672	29	61	24	2.0	.12	--	--	--	--	770	--	20	0	--	E31	8.9	DH
231	--	35	12	.0	3.5	--	--	--	--	242	--	210	21	--	E.5	7.3	DH
286	20	42	53	--	.50	--	--	--	--	452	443	12	0	739	E22	8.6	
258	17	120	120	1.2	--	.02	--	.06	130	--	628	8	0	1110	35	8.9	
462	51	--	3184	--	--	--	--	--	--	--	--	17	0	--	--	9.0	
246	0	77	37	--	2.3	--	--	--	--	383	399	16	0	639	E16	8.0	
264	20	56	31	1.4	--	.09	--	.03	120	--	401	8	0	703	23	9.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	330	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	340	--	--	
221	0	53	2.4	.4	--	.03	--	.09	--	--	260	150	0	433	1.1	8.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	360	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	375	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	
191	0	55	3.0	--	--	--	--	--	--	--	--	150	0	398	.9	8.2	
156	1	48	8.0	.7	1.0	--	1.0	--	60	216	203	154	27	345	.1	--	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	345	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	320	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	325	--	--	
174	1	49	12	.7	.98	--	1.8	--	--	236	316	150	6	380	.5	--	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	330	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	335	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	325	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	335	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	335	--	--	
172	0	43	1.5	.6	--	.02	--	.00	60	--	206	170	29	465	.2	7.7	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	360	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	540	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	525	--	--	
292	0	54	4.4	1.7	--	.01	--	.00	330	--	351	44	0	582	7.9	8.3	
--	--	78	52	--	--	--	--	--	--	--	--	--	--	790	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	730	--	--	
246	0	60	10	1.3	--	.00	--	.03	140	--	323	65	0	532	5.2	8.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	395	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	380	--	--	
284	0	25	6.1	.1	.20	--	--	--	--	302	281	244	13	--	E.3	7.5	DH
711	0	87	61	2.8	--	.01	--	.03	1800	--	857	11	0	1410	45	8.3	
452	4	764	83	1.1	.00	--	.00	--	1400	1650	1640	143	0	2525	18	8.2	
479	0	700	58	1.3	--	.00	--	.03	990	--	1540	140	0	2290	18	7.8	
312	--	163	55	.1	.00	--	--	--	--	705	--	330	75	--	E4.8	8.8	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1010	--	--	
429	0	260	12	.7	--	.01	--	.00	320	--	726	480	130	898	1.4	7.4	
486	0	98	83	1.4	.00	--	--	--	--	686	--	464	67	--	E1.5	7.8	DH
224	11	49	1.9	.7	--	.03	--	.06	440	--	294	5	0	531	22	8.9	
585	12	98	6.5	1.8	--	.01	--	.21	1200	--	701	9	0	1100	41	8.4	
462	0	--	38	--	--	--	--	--	--	--	--	952	573	--	--	7.8	
333	1	154	21	1.5	1.6	--	3.0	--	170	542	513	420	150	830	.3	--	DH
726	0	91	32	1.0	--	.02	--	.34	320	--	774	550	0	1200	1.6	7.5	
3640	420	34	1360	--	--	--	--	--	--	6280	6190	--	--	9000	--	8.7	PL
238	59	72	5.5	--	.80	--	--	--	--	--	439	0	0	729	--	9.4	
241	58	120	3.8	.2	--	.04	--	.09	180	--	491	4	0	769	40	9.3	
457	0	138	16	--	.20	--	--	--	--	--	570	488	113	921	E.5	7.5	
325	--	--	56	--	--	--	--	--	--	--	--	411	140	--	--	7.5	
518	0	610	78	.2	--	13	--	.00	40	--	1410	1200	730	1900	.3	7.1	
186	0	524	51	--	.20	--	--	--	--	1004	919	736	583	1270	E.3	7.9	
558	0	330	170	.5	--	72	--	.00	160	--	1540	1200	720	2320	.8	7.3	
668	--	--	88	--	--	--	--	--	--	--	--	--	--	--	--	7.8	
249	2	70	34	.5	.50	--	.20	--	100	340	351	248	40	560	.6	8.2	DH
238	1	65	61	.4	.10	--	.00	--	130	400	385	266	69	650	1.1	--	DH
168	0	17	4.0	.2	--	.25	--	.00	40	--	173	130	0	328	.2	7.1	
217	0	5.5	2.4	.3	--	.70	--	.06	10	--	195	180	6	353	.1	7.2	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	160	--	--	

Table 10.—Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
U(C- 2-11)33CCC-S1	73-09-13	1335	124UINT	--	--	--	7.0	7.2	10	45	17	2.3	--	.7
U(C- 2-12)27CCA-S1	73-09-13	1000	1120TSH	--	--	--	7.5	9.4	30	50	2.9	2.6	--	.9
U(C- 2-12)35DBB-S1	58-07-09	--	124UINT	750	--	--	8.5	--	<500	--	--	--	--	--
U(C- 3- 1)33CBC- 1	72-05-09	--	1120TSH	20	--	--	10.0	--	--	--	--	--	--	--
U(C- 3- 2) 3AAD- 1	34-12-18	--	124UINT	430	--	--	13.0	--	--	--	--	--	--	--
U(C- 3- 2) 3ADA- 1	55-04-11	--	124UINT	38	--	38	--	5.9	--	419	45	--	--	--
	55-09-14	--	124UINT	38	--	38	--	6.6	--	434	50	--	2610	--
U(C- 3- 2) 3DDD-S1	53-05-22	--	124UINT	--	--	--	--	12	160	68	16	--	52	--
	72-03-16	--	124UINT	--	--	--	11.5	--	--	--	--	--	--	--
	72-04-27	1750	124UINT	--	--	--	11.5	--	--	--	--	--	--	--
	72-05-31	1330	124UINT	--	--	--	12.0	--	--	--	--	--	--	--
	72-06-15	1315	124UINT	--	--	--	11.5	--	--	--	--	--	--	--
	72-08-02	--	124UINT	--	--	--	12.0	--	--	--	--	--	--	--
	72-10-06	1000	124UINT	--	--	--	12.0	--	--	--	--	--	--	--
	72-11-14	--	124UINT	--	--	--	12.0	--	--	150	30	110	--	2.5
	73-06-13	1445	124UINT	--	--	--	12.5	--	--	--	--	--	--	--
U(C- 3- 2)28CAA- 1	58-07-09	--	1120TSH	32	--	--	10.5	14	--	134	65	--	162	--
U(C- 3- 2)30CDD- 1	72-05-11	--	124UINT	72	--	--	15.5	--	--	--	--	--	--	--
U(C- 3- 2)31BAC- 1	72-05-09	--	1120TSH	48	--	--	15.0	--	--	--	--	--	--	--
U(C- 3- 3) 4AAD-S1	58-07-03	--	1120TSH	--	--	--	--	9.5	--	80	38	--	69	--
	67-05-16	--	1120TSH	--	--	--	--	8.0	0	280	92	390	--	3.0
U(C- 3- 3) 4DAA- 1	73-07-27	1045	124UINT	200	--	--	--	8.6	90	1.6	.4	320	--	.9
U(C- 3- 3) 8BDC- 1	58-07-05	--	124UINT	175	--	175	12.0	7.6	--	2.4	1.0	--	326	--
U(C- 3- 3)10CAB- 1	44-09-15	--	1120TSH	52	--	--	--	12	--	166	45	183	--	20
U(C- 3- 3)10CAB- 2	67-05-16	--	124UINT	142	--	--	--	5.0	20	4.0	2.0	285	--	2.0
U(C- 3- 3)14DCC- 1	51-07-31	--	124UINT	75	--	75	--	--	--	512	86	2500	--	16
U(C- 3- 3)25DCC- 1	72-05-09	--	1120TSH	60	--	--	13.5	--	--	--	--	--	--	--
U(C- 3- 3)31CCA-S1	73-03-30	1500	124UINT	--	--	--	11.5	15	20	270	87	560	--	3.5
U(C- 3- 3)31CDC- 1	73-07-11	1300	1120TSH	36	--	--	12.0	8.6	50	12	65	750	--	45
U(C- 3- 4) 1CDB- 1	71-11-18	--	124UINT	615	--	615	10.0	8.4	20	1.6	.4	260	--	.7
U(C- 3- 4)31CAB- 1	72-04-06	--	1120TSH	70	--	--	8.0	--	--	--	--	--	--	--
U(C- 3- 4)31CCB- 1	72-04-06	--	1120TSH	70	--	--	10.0	--	--	--	--	--	--	--
U(C- 3- 4)31DAD- 1	72-04-06	--	1120TSH	30	--	--	10.0	--	--	--	--	--	--	--
U(C- 3- 4)31DBD-S1	72-04-20	--	124UINT	--	--	--	12.5	--	--	--	--	--	--	--
U(C- 3- 4)32CBC- 1	60-05-15	--	1120TSH	40	--	--	--	15	--	124	72	--	78	--
U(C- 3- 4)33ACA- 1	72-04-06	--	1120TSH	50	--	--	11.0	--	--	--	--	--	--	--
U(C- 3- 4)33ADB- 1	72-04-06	--	1120TSH	51	--	--	--	--	--	--	--	--	--	--
U(C- 3- 4)33BAD- 1	72-04-06	--	1120TSH	43	--	--	10.0	--	--	--	--	--	--	--
U(C- 3- 4)33BBC- 1	72-04-06	--	1120TSH	43	--	--	--	--	--	--	--	--	--	--
U(C- 3- 4)34ACA- 1	72-04-07	--	1120TSH	50	--	--	11.0	--	--	--	--	--	--	--
U(C- 3- 4)34BAC- 1	72-04-06	--	1120TSH	53	--	--	12.5	--	--	--	--	--	--	--
U(C- 3- 4)34BDA- 1	72-04-06	--	1120TSH	40	--	--	12.5	--	--	--	--	--	--	--
U(C- 3- 4)35ADC- 1	72-04-06	--	1120TSH	16	--	--	10.0	--	--	--	--	--	--	--
U(C- 3- 4)35DAB- 1	71-11-18	--	1120TSH	58	--	58	10.0	17	2800	340	170	660	--	2.4
U(C- 3- 4)36CAD- 1	72-04-03	--	1120TSH	41	--	--	10.0	--	--	--	--	--	--	--
U(C- 3- 4)36CBA- 1	72-04-21	--	1120TSH	48	--	--	9.5	--	--	--	--	--	--	--
U(C- 3- 4)36DDB- 1	58-07-05	--	1120TSH	48	40	48	13.5	--	1000	--	--	--	--	--
	72-04-20	--	1120TSH	48	--	--	14.0	--	--	--	--	--	--	--
U(C- 3- 5) 7ACA- 1	72-03-29	--	124UINT	500	--	500	13.5	9.3	40	1.4	1.0	230	--	.7
U(C- 3- 5)13CAC- 1	70-09-21	--	1120TSH	35	--	35	--	10	--	85	27	23	--	3.0
U(C- 3- 5)25BDD- 1	53-05-08	--	124GRRV	5257	5123	5257	--	--	--	--	<1.0	--	1710	--
U(C- 3- 5)25DCA- 1	72-09-07	--	124UINT	300	--	--	--	7.0	0	6.0	.0	830	--	2.0
	73-03-27	1315	124UINT	300	--	--	--	8.0	50	1.3	1.5	820	--	1.5
U(C- 3- 5)28DAD-S1	70-05-28	--	124UINT	--	--	--	--	11	60	96	74	190	--	5.0
U(C- 3- 5)31A -S	60-05-15	--	111ALVM	--	--	--	14.0	15	--	78	92	--	302	--
U(C- 3- 5)31DCD- 1	72-03-30	--	124UINT	200	--	200	10.0	18	20	4.6	6.4	450	--	1.4
U(C- 3- 5)35AD -S	62-10-16	--	124UINT	50	--	--	--	--	--	140	64	69	--	4.9
U(C- 3- 5)36BDA- 1	53-09-01	--	124GRRV	4800	4520	4560	--	--	--	2.0	4.0	--	7490	--
	53-10-01	--	124GRRV	4800	4686	4705	--	--	--	--	5.0	--	3630	--
U(C- 3- 6) 8BBA- 1	68-09-16	--	124GRRV	6379	5238	5300	--	--	0	16	3.0	9600	--	70
U(C- 3- 6)18BBD- 1	65-09-30	--	124GRRV	6000	4647	4662	--	--	--	67	10	10900	--	20
	65-10-01	--	124GRRV	6000	4647	4662	--	--	0	73	17	10100	--	30
	65-11-01	--	124GRRV	6000	4647	4715	--	--	0	7.0	2.0	10200	--	21
	65-11-19	--	124GRRV	6000	4647	4715	--	--	0	8.0	2.0	10700	--	25
	66-01-07	--	124GRRV	6000	4647	4715	--	--	0	9.0	2.0	9550	--	25
U(C- 3- 6)18BDD- 1	66-03-28	--	124UINT	5507	1380	1510	--	--	0	30	6.0	430	--	17
	66-03-29	--	124GRRV	5507	1483	3050	--	--	0	9.0	3.0	663	--	5.0
	66-04-13	--	124GRRV	5507	4180	4255	--	--	0	4.0	1.0	12090	--	55
U(C- 3- 6)20ACB- 1	69-09-03	--	124GRRV	8211	2001	2043	--	--	--	7.0	3.0	962	--	12
	69-10-22	--	124GRRV	8211	6822	6841	--	--	--	14	1.0	2150	--	39
	70-02-23	--	124WSTC	8211	7794	8211	--	--	--	1150	31	4190	--	146
U(C- 3- 7) 1CBC- 1	61-12-26	--	124GRRV	9251	4810	4845	--	--	--	11	2.0	--	10980	--
	61-12-26	0200	124GRRV	9251	5133	5163	--	--	--	9.0	7.0	--	13160	--
	61-12-26	0300	124GRRV	9251	5442	5452	--	--	--	3.0	3.0	--	5740	--
	61-12-26	0400	124GRRV	9251	5542	5552	--	--	--	12	5.0	--	10080	--
	62-02-08	--	124GRRV	9251	4075	4089	--	--	--	4.0	1.0	--	886	--
	62-02-08	1130	124GRRV	9251	8524	8570	--	--	--	10	5.0	--	2450	--
	62-02-08	1230	124GRRV	9251	8737	8759	--	--	--	11	3.0	--	2360	--
U(C- 3- 7)19DBA- 1	68-11-01	--	124UINT	--	--	--	--	23	0	128	59	85	--	2.0
U(C- 3- 7)19DBA- 2	73-09-20	0900	124UINT	90	--	--	--	24	40	160	150	150	--	3.6

ater wells, springs, and petroleum-test wells--Continued

BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
212	0	12	2.7	.1	--	.82	--	.09	30	--	195	180	8	348	.1	7.7	
174	0	2.4	2.1	.0	--	.32	--	.06	20	--	158	140	0	277	.1	7.6	
325	--	--	25	--	--	--	--	--	--	--	--	205	--	<400	--	7.5	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	2200	--	--	
--	--	--	4710	--	--	--	--	--	--	14390	--	--	--	--	--	--	
249	0	1370	3910	1.2	.00	--	--	--	--	8510	--	1230	1030	--	--	6.8	DH
278	0	1290	3830	1.0	.00	--	--	--	--	8530	--	1290	1060	--	E32	7.3	DH
208	2	165	4.0	1.2	.24	--	--	--	--	435	--	235	62	--	E1.5	8.2	DH
296	--	300	17	--	--	--	--	--	--	--	--	--	--	1030	--	7.3	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	780	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	840	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1300	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	780	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1130	--	--	
349	0	410	13	--	--	--	--	--	--	--	888	500	210	1280	2.1	7.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1210	--	--	
556	0	427	38	--	.80	--	--	--	--	1140	1110	602	146	1590	E2.9	7.4	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1950	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1400	--	--	
256	0	262	16	--	1.0	--	--	--	--	616	602	356	146	887	E1.6	7.6	
414	1	1500	60	.6	1.8	--	1.8	--	1000	2716	2540	1080	736	3215	5.2	--	DH
707	31	64	4.7	2.8	--	.06	--	.43	2200	--	786	6	0	1250	59	8.6	
736	35	48	5.0	--	1.0	--	--	--	--	768	788	10	0	1210	E45	8.6	
379	0	605	45	--	1.0	--	--	--	280	--	1260	599	288	1720	2.3	7.4	
470	12	53	12	4.1	.20	--	2.0	--	1800	734	612	18	0	1210	29	8.6	DH
238	14	668	4500	--	--	--	--	--	--	9090	8413	1630	1410	14100	27	--	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1625	--	--	
409	0	1800	64	1.0	--	2.5	--	.06	1200	--	3010	1000	700	3770	7.6	7.4	
1730	0	100	180	.7	--	19	--	12	3200	--	2110	300	0	3820	19	8.0	
549	64	43	1.1	1.4	--	.01	--	.25	150	--	651	6	0	1030	48	8.8	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	545	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	585	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1100	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	780	--	--	
530	0	272	37	--	4.9	--	--	--	630	--	865	604	171	1280	E1.4	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1050	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1100	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1500	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	3000	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1850	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	6100	--	--	
398	0	2400	100	.5	--	.01	--	.09	3700	--	3890	1500	1200	4600	7.3	7.3	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	3400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	5500	--	--	
599	--	--	325	--	--	--	--	--	--	--	--	1780	1290	--	--	7.5	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	5500	--	--	
345	62	96	4.3	.5	--	.00	--	.06	680	--	576	8	0	919	36	9.1	
368	2	59	23	.3	12	--	--	.00	210	424	426	324	18	660	.6	--	DH
813	1261	81	620	--	--	--	--	--	--	4520	4070	--	--	6670	--	9.9	PL
1664	36	140	176	11	.00	--	.70	--	5650	2130	2030	15	0	3170	93	8.6	DH
1790	70	8.1	40	12	--	.03	--	.74	7500	--	1850	9	0	3280	116	8.6	
432	3	520	61	.5	4.8	--	.00	--	910	1248	1180	545	185	1625	3.5	--	DH
490	0	717	58	--	.00	--	--	--	1100	--	1500	572	170	2070	E5.5	8.2	
496	52	310	140	1.2	--	.03	--	.12	2700	--	1230	38	0	1950	32	8.9	
416	6	382	13	--	--	--	--	--	280	949	--	610	260	1282	1.2	--	BR
1200	5275	119	4560	--	--	--	--	--	--	16100	18000	21	0	20800	--	10.0	PL
1980	1369	436	2520	--	--	--	--	--	--	9050	8940	--	--	13000	--	9.4	PL
13300	1320	25	5600	--	--	--	--	--	--	--	23200	52	0	28900	578	8.5	PL
17810	126	25	6400	--	--	--	--	--	--	--	26300	210	0	32800	329	8.3	PL
17200	0	10	5300	--	--	--	--	--	--	--	24500	250	0	32800	277	8.2	PL
12570	2280	10	5800	--	--	--	--	--	--	--	24500	26	0	32800	875	8.8	PL
13700	2400	10	5800	--	--	--	--	--	--	--	25700	28	0	34400	877	9.0	PL
15980	--	210	5300	--	--	--	--	--	--	--	22900	31	0	30600	734	7.8	PL
586	0	483	52	--	--	--	--	--	--	--	1310	--	--	1570	--	8.2	PL
634	264	260	180	--	--	--	--	--	--	--	1700	--	--	2590	--	9.3	PL
8050	7080	.0	5700	--	--	--	--	--	--	--	28900	--	--	33300	--	9.6	PL
1120	432	276	150	--	--	--	--	--	--	--	2400	--	--	2900	--	9.1	PL
5200	--	10	350	--	--	--	--	--	--	--	5130	39	0	7050	150	8.1	PL
1220	--	3330	5550	--	--	--	--	--	--	--	15000	--	--	19100	--	7.5	PL
1098	9460	67	5100	--	--	--	--	--	--	26900	26200	--	--	30600	--	10.0	PL
4400	9115	13	7000	--	--	--	--	--	--	31500	31500	51	0	36600	--	9.9	PL
3900	2760	26	3320	--	--	--	--	--	--	16600	13800	20	0	20400	--	9.3	PL
5750	5765	46	5400	--	--	--	--	--	--	23900	24100	51	0	29700	--	9.6	PL
1110	552	.0	80	--	--	--	--	--	--	2080	2070	--	--	3000	--	9.0	PL
4390	0	<1.0	1260	--	--	--	--	--	--	5860	5890	46	0	8470	--	7.9	PL
4250	0	<1.0	1200	--	--	--	--	--	--	5710	5670	40	0	8470	--	7.6	PL
446	1	312	46	.3	.10	--	1.1	--	300	970	875	564	195	1285	1.6	--	DH
483	0	510	310	.6	--	.59	--	.15	490	--	1550	1000	620	2300	2.0	7.5	

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
U(C- 3- 7)19DBA- 2--CONT.	74-06-18	1505	124UINT	85	--	--	--	--	--	--	--	--	--	--
U(C- 3- 7)22ACD- 1	70-03-25	--	124GRRV	10878	6425	6475	--	--	--	15	--	1460	--	12
	70-03-26	--	124GRRV	10878	6932	7041	--	--	0	8.0	3.0	1510	--	21
	70-03-27	--	124GRRV	10878	7198	7233	--	--	0	9.0	1.0	1430	--	23
	70-04-09	--	124GRRV	10878	7358	7422	--	--	0	25	9.0	2650	--	34
	71-06-30	--	124WSTC	10878	8592	9975	--	--	0	436	64	3880	--	1100
U(C- 3- 7)24ACD- 1	71-04-15	--	124WSTC	10360	10078	10278	--	--	0	655	35	4650	--	140
	71-06-30	--	124WSTC	10360	10078	10278	--	--	0	270	17	4040	--	56
U(C- 3- 7)29BDD- 1D	71-05-01	--	124WSTC	11674	10550	11674	--	--	<10	78	19	4090	--	68
U(C- 3- 8)20DDD- 1	71-08-27	--	124WSTC	12500	10794	10868	--	--	0	193	28	4000	--	45
U(C- 3- 8)23BAD- 1	73-11-15	--	124UINT	340	--	--	--	5.5	--	72	34	1100	--	7.4
U(C- 3- 8)25CAC- 1	73-05-17	1130	124UINT	100	--	--	11.5	8.9	2900	510	120	180	--	3.3
U(C- 3- 9) 6CBC- 1	71-03-16	--	124UINT	201	--	201	--	.4	120	29	13	69	--	7.0
	72-04-07	--	124UINT	201	--	201	--	13	40	19	15	68	--	2.0
U(C- 3- 9)21CDA- 2	72-03-14	--	124UINT	140	--	140	--	15	30	3.7	2.3	210	--	.6
U(C- 3- 9)24AAA- 1D	58-07-07	--	124UINT	548	--	548	--	7.9	--	28	16	--	1550	--
U(C- 3- 9)24AAA- 2	66-02-15	--	124UINT	110	--	--	--	11	60	44	120	410	--	3.4
	71-11-19	--	124UINT	110	--	110	10.0	21	20	30	87	180	--	2.2
U(C- 3- 9)30ACA-S1	58-07-07	--	124UINT	--	--	--	--	23	--	63	36	--	30	--
	60-05-15	--	124UINT	--	--	--	--	21	--	55	32	--	27	--
	72-03-14	--	124UINT	--	--	--	4.5	--	--	--	--	--	--	--
	72-04-26	1250	124UINT	--	--	--	5.0	--	--	--	--	--	--	--
	72-05-31	1045	124UINT	--	--	--	5.0	--	--	--	--	--	--	--
	72-06-13	1625	124UINT	--	--	--	5.0	--	--	--	--	--	--	--
	72-08-01	--	124UINT	--	--	--	4.5	--	--	--	--	--	--	--
	72-10-06	1236	124UINT	--	--	--	6.0	--	--	--	--	--	--	--
	72-11-14	--	124UINT	--	--	--	5.0	--	--	--	--	--	--	--
	73-03-07	1030	124UINT	--	--	--	3.5	--	--	--	--	--	--	--
	73-03-20	1215	124UINT	--	--	--	3.5	--	--	--	--	--	--	--
	73-05-17	1045	124UINT	--	--	--	4.5	--	--	--	--	--	--	--
	73-06-13	1020	124UINT	--	--	--	5.0	--	--	--	--	--	--	--
	73-07-12	1150	124UINT	--	--	--	6.0	--	--	--	--	--	--	--
	73-08-10	1515	124UINT	--	--	--	7.5	--	--	--	--	--	--	--
	73-09-27	1100	124UINT	--	--	--	6.0	--	--	--	--	--	--	--
	74-06-18	1435	124UINT	--	--	--	7.0	--	--	--	--	--	--	--
U(C- 3-10) 5DBA- 1	71-06-29	--	123DCRV	184	--	184	--	.0	110	52	24	33	--	18
U(C- 3-10)22CAC- 1	73-11-20	--	124UINT	213	--	--	7.0	8.9	--	63	39	24	--	3.0
U(C- 3-10)32BCD- 1	71-11-19	--	124UINT	120	--	--	--	.8	0	18	17	7.0	--	2.0
	73-11-20	--	124UINT	120	--	--	7.0	9.6	--	55	19	6.1	--	1.0
U(C- 3-10)32BCD- 2	71-11-19	--	124UINT	200	--	--	--	.8	0	24	22	8.0	--	1.0
U(C- 3-10)32BDC-S1	73-11-20	1225	124UINT	--	--	--	7.5	--	--	--	--	--	--	--
U(C- 3-11) 3DAD-S1	73-11-16	--	124UINT	--	--	--	6.5	6.7	--	48	11	2.5	--	.7
U(C- 3-11) 5CBB-S1	73-09-13	1145	112OTSH	--	--	--	9.5	--	--	--	--	--	--	--
U(C- 3-11)15CBB- 1	69-06-09	--	112OTSH	83	--	--	--	8.0	0	62	26	5.0	--	3.0
U(C- 3-12)35ACB-S1	73-07-25	1630	124UINT	--	--	--	7.0	7.1	20	56	27	2.2	--	1.1
U(C- 4- 1)13DAD- 1	69-04-10	--	124GRRV	5400	5140	5306	--	--	0	22	20	17260	--	174
	69-04-10	1201	124GRRV	5400	4020	4080	--	--	0	17	<1.0	23840	--	151
U(C- 4- 2) 1AAA- 1	72-05-09	--	124UINT	--	--	--	15.5	--	--	--	--	--	--	--
U(C- 4- 2) 5BBA- 2	73-05-22	1130	112OTSH	40	--	--	11.5	23	1600	400	230	620	--	3.9
U(C- 4- 2) 6AAD- 1	72-05-09	--	112OTSH	20	--	--	10.5	--	--	--	--	--	--	--
U(C- 4- 2)13DAA- 2	72-05-07	--	124UINT	28	--	--	14.0	23	--	95	34	110	--	3.7
U(C- 4- 2)15BCD- 1	62-06-14	--	111ALVM	--	--	--	--	--	--	801	973	7540	--	21
U(C- 4- 3) 3AAA- 1	72-05-11	--	124UINT	64	--	--	9.5	--	--	--	--	--	--	--
U(C- 4- 3) 4ADA-S1	73-03-30	1430	124UINT	--	--	--	11.0	13	20	260	80	290	--	3.2
U(C- 4- 3) 4CBA- 1S	59-07-05	--	124UINT	250	--	--	17.5	--	--	--	--	--	--	--
	72-04-20	--	124UINT	250	--	250	8.5	3.4	40	26	6.9	600	--	1.5
U(C- 4- 3) 5BBD- 1	72-04-20	--	124UINT	100	--	--	11.5	--	--	--	--	--	--	--
	72-05-11	--	124UINT	100	--	--	--	--	--	--	--	--	--	--
U(C- 4- 3) 9BBD- 1	72-05-07	--	124UINT	70	--	--	--	8.6	20	18	6.2	380	--	2.4
U(C- 4- 3)10ABA- 1	72-05-07	--	124UINT	250	--	--	10.0	--	--	--	--	--	--	--
U(C- 4- 3)10ABB- 1	72-05-09	--	124UINT	180	--	--	12.0	--	--	--	--	--	--	--
U(C- 4- 3)10CBB- 1	72-05-03	--	112OTSH	56	--	--	--	17	50	150	87	460	--	2.6
U(C- 4- 3)11ABA- 1	72-05-09	--	124UINT	175	--	--	11.5	--	--	--	--	--	--	--
U(C- 4- 3)11ADD- 1	72-05-09	--	112OTSH	45	--	--	11.5	--	--	--	--	--	--	--
U(C- 4- 3)11BAB- 1	72-05-07	--	112OTSH	--	--	--	14.0	--	--	--	--	--	--	--
U(C- 4- 3)11CAA- 1	72-05-09	--	124UINT	69	--	--	13.0	--	--	--	--	--	--	--
U(C- 4- 3)11CBB- 1	72-05-09	--	124UINT	48	--	--	12.0	--	--	--	--	--	--	--
U(C- 4- 3)11DCB- 1	72-05-09	--	124UINT	95	--	--	11.5	--	--	--	--	--	--	--
U(C- 4- 3)12CAB- 1	72-05-07	--	124UINT	70	--	--	12.0	18	--	66	36	87	--	1.8
U(C- 4- 3)16ACB- 1	72-05-06	--	112OTSH	67	--	--	10.0	--	--	--	--	--	--	--
U(C- 4- 4) 1DAA- 1	72-05-09	--	112OTSH	43	--	--	16.0	--	--	--	--	--	--	--
U(C- 4- 4) 6BCC- 3	67-06-21	--	112OTSH	12	--	--	--	9.0	0	160	67	56	--	1.0
U(C- 4- 4) 6CAB- 1	72-05-09	--	112OTSH	20	--	--	8.5	--	--	--	--	--	--	--
U(C- 4- 4)13DDA- 1	52-02-23	--	124GRRV	7600	3281	3569	--	--	--	<1.0	<1.0	--	1117	--
	52-04-11	--	124GRRV	7600	5871	5935	--	--	--	16	7.0	--	4287	--
U(C- 4- 4)16ACA- 1	62-03-00	--	124GRRV	3595	2770	3350	--	--	--	8.0	3.0	--	72820	--
U(C- 4- 4)17ACA- 1	62-06-07	--	124GRRV	3582	2438	3582	--	--	--	37	--	--	15900	--
U(C- 4- 4)17ACB- 1	51-01-12	--	124UINT	715	--	--	--	--	--	--	--	--	--	--
U(C- 4- 4)17BCD- 1	64-11-30	--	124GRRV	3048	2410	3408	--	.0	--	.0	80	--	45100	--
U(C- 4- 5) 1BCD- 1	53-04-27	--	111ALVM	25	--	25	--	6.2	--	114	58	--	59	--

ater wells, springs, and petroleum-test wells--Continued

BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1700	--	--	
903	744	667	400	--	--	--	--	--	--	--	3750	--	--	5000	--	9.4	PL
3610	--	11	260	--	--	--	--	--	--	--	3590	--	--	5000	--	8.1	PL
3480	--	20	210	--	--	--	--	--	--	--	3410	--	--	4690	--	8.1	PL
5420	0	166	920	--	--	--	--	--	--	--	6470	--	--	8460	--	8.1	PL
610	--	2770	5550	--	--	--	--	--	--	--	14100	1400	850	20000	46	7.9	PL
293	84	2020	6800	--	--	--	--	--	--	--	14500	--	--	21300	--	8.7	PL
622	--	2580	4550	--	--	--	--	--	--	--	11820	740	230	16400	64	8.1	PL
708	48	331	5850	--	--	--	--	--	--	--	10800	270	0	17500	108	8.6	PL
1050	0	3490	3450	--	--	--	--	--	--	--	11700	--	--	17300	--	7.7	PL
369	0	2200	87	3.7	--	.08	--	.09	1600	--	3690	320	17	4660	27	8.3	
384	0	1800	72	1.0	--	.03	--	.03	750	--	2890	1800	1500	3130	1.9	6.9	
319	0	25	16	.9	.30	--	--	3.5	50	470	317	128	0	734	2.7	7.0	PL
263	0	28	9.8	.3	--	.00	--	.00	140	--	285	110	0	476	2.8	7.8	
276	21	180	7.1	.5	--	.17	--	.03	540	--	577	19	0	875	21	8.6	
454	0	1470	1130	--	2.7	--	--	--	--	4420	4430	135	0	6610	658	8.2	
616	1	351	393	.5	46	--	.70	--	220	1760	1680	605	97	2700	7.3	--	DH
624	0	150	90	.6	--	3.2	--	.25	470	--	883	430	0	1440	3.8	7.6	
372	0	28	28	--	.50	--	--	--	--	400	392	308	3	658	E.7	8.0	
338	--	22	21	--	.30	--	--	--	--	--	344	270	0	579	E.7	8.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	530	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	575	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	600	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	525	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	580	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	560	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	560	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	510	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	520	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	680	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	465	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	740	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	660	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	610	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	540	--	--	
293	0	39	12	.1	1.8	--	--	.30	0	471	324	230	0	736	.9	7.2	PL
403	0	8.0	14	.2	--	.09	--	.12	60	--	359	320	0	634	.6	8.2	
121	1	18	6.0	.2	.00	--	.00	--	230	130	130	115	14	255	.3	--	DH
256	0	11	5.8	.1	--	.65	--	.12	20	--	237	220	6	421	.2	7.8	
162	1	20	1.0	.1	2.0	--	3.5	--	90	162	158	150	16	320	.3	7.9	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	390	--	--	
191	0	6.6	2.6	.1	--	1.1	--	.09	20	--	177	170	8	320	.1	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
300	3	7.0	20	.2	11	--	.40	--	90	294	275	260	11	430	.1	8.2	DH
300	0	6.6	3.1	.1	--	.46	--	.12	30	--	253	250	5	462	.1	7.8	
2086	204	584	25000	--	--	--	--	--	--	--	44300	140	0	57140	641	8.4	PL
4355	276	102	34000	--	--	--	--	--	--	--	60530	--	--	76900	--	8.3	PL
--	--	--	--	--	--	--	--	--	--	--	--	--	--	3500	--	--	
414	0	2900	84	2.3	--	.06	--	.03	9000	--	4480	1900	1600	4700	6.1	7.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	2600	--	--	
411	0	280	21	--	--	--	--	--	--	--	769	380	40	1200	2.5	7.7	
375	0	20460	573	--	--	--	--	--	--	29900	--	6000	5700	26230	42	7.3	BR
--	--	--	--	--	--	--	--	--	--	--	--	--	--	6000	--	--	
401	0	1200	40	.6	--	.22	--	.06	750	--	2090	980	650	2690	4.0	7.1	
325	--	--	275	--	--	--	--	--	--	--	--	154	0	--	--	8.0	
162	0	950	240	1.1	--	.07	--	.03	550	--	1910	93	0	3040	27	8.0	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	3600	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	3100	--	--	
281	0	530	82	1.4	--	.17	--	.00	820	--	1170	70	0	1820	20	8.2	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	2900	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	2450	--	--	
278	0	1400	94	1.0	--	3.4	--	.00	970	--	2360	730	500	3110	7.4	7.7	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1975	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1380	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	2000	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1160	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1550	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	2750	--	--	
384	0	160	14	--	--	--	--	--	--	--	572	310	0	926	2.1	7.7	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	>8000	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	720	--	--	
409	4	418	38	.3	.40	--	.50	--	220	1026	954	676	333	1250	.9	8.2	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	795	--	--	
1550	271	164	380	--	--	--	--	--	--	--	2695	--	--	4070	--	9.0	PL
1730	251	79	5300	--	--	--	--	--	--	--	10790	69	0	15700	--	8.5	PL
51240	13800	347	66000	--	--	--	--	--	--	--	178200	32	0	--	--	9.7	PL
4758	7680	228	12600	--	--	--	--	--	--	--	38800	--	--	44610	--	9.6	PL
--	--	--	15000	--	--	--	--	--	--	--	--	--	--	--	--	--	PL
21400	21300	683	31700	--	20	--	--	--	--	131000	109400	330	0	93500	1080	9.6	
472	4	194	38	.5	.57	--	--	--	--	783	706	521	129	--	E1.1	8.2	DH

Table 10.--Chemical analyses of water from selected

LOCATION	DATE OF SAMPLE	TIME	GEO-LOGIC UNIT	TOTAL DEPTH OF WELL (FT)	DEPTH TO TOP OF SAMPLE INTER-VAL (FT)	DEPTH TO BOT-TOM OF SAMPLE INTER-VAL (FT)	TEMPER-ATURE (DEG C)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)
U(C- 4- 5)10BDD- 1S	72-01-04	--	124GRRV	7465	6335	6483	--	--	0	20	16	3020	--	24
U(C- 4- 5)31DBB- 1	69-08-15	--	124UINT	--	--	--	--	17	0	2.0	1.0	400	--	2.0
U(C- 4- 6) 9ABB- 1	72-05-07	--	124UINT	25	--	--	11.0	--	--	--	--	--	--	--
U(C- 4- 6)17CDC-S1	60-05-15	--	124UINT	--	--	--	13.5	11	--	23	126	--	865	--
	71-09-03	--	124UINT	--	--	--	11.0	15	10	25	140	790	--	7.3
U(C- 4- 7)14AAA- 1	72-05-07	--	112OTSH	12	--	--	9.0	--	--	--	--	--	--	--
U(C- 4- 7)14ACC-S1	41-05-18	--	124UINT	--	--	--	--	10	--	1.0	6.1	1760	--	2.3
U(C- 4- 7)14BCD-S1	41-05-18	--	124UINT	--	--	--	--	12	--	5.6	5.5	3220	--	7.0
U(C- 4- 7)14BCD-S2	60-05-15	--	124UINT	--	--	--	14.5	34	--	.0	.0	--	3110	--
U(C- 4- 7)15DAB-S1	73-04-24	1200	124UINT	--	--	--	14.0	20	80	.6	.2	3500	--	9.9
U(C- 4- 7)17DBC- 1	72-05-07	--	112OTSH	19	--	--	11.0	--	--	--	--	--	--	--
U(C- 4- 7)21DAA-S1	72-04-10	--	124UINT	--	--	--	8.0	23	--	32	120	420	--	4.9
U(C- 4- 7)22CCB-S1	72-04-10	--	124UINT	--	--	--	5.0	28	--	140	160	170	--	4.0
U(C- 4- 8)13CCB- 2	73-04-24	1115	112OTSH	25	--	--	5.5	20	200	65	35	40	--	1.1
U(C- 4- 9)16DBA- 1	71-01-25	--	124GRRV	1000	--	1000	--	--	--	10	13	209	--	--
U(C- 4- 9)35ADD-S1	72-04-11	--	124UINT	--	--	--	5.0	23	--	86	59	23	--	2.0
U(C- 4-10) 8DDA-S1	71-08-31	--	124UINT	--	--	--	9.0	--	--	--	--	--	--	--
U(C- 4-11)33BDA-S1	71-10-21	--	124GRRV	--	--	--	8.0	25	0	56	37	14	--	1.4
U(C- 5- 4)13CCC- 1	68-03-20	--	124GRRV	5236	4093	5097	--	--	--	--	--	--	--	--
U(C- 5- 5)34BDD- 2	72-04-13	--	112OTSH	161	--	--	8.5	30	100	140	100	100	--	4.4
U(C- 5- 6) 1CAA-S1	60-05-15	--	124UINT	--	--	--	10.5	22	--	61	125	--	420	--
U(C- 5- 6) 1CAA-S2	60-05-15	--	111ALVM	--	--	--	9.5	23	--	63	118	--	437	--
U(C- 5- 7)12CAB-S1	60-05-15	--	124UINT	--	--	--	10.0	6.3	--	37	131	--	779	--
U(C- 5- 7)18ACD-S1	72-04-10	--	124UINT	--	--	--	4.0	45	30	160	180	21	--	5.6
U(C- 5-10)10DCB-S1	72-09-11	--	124UINT	--	--	--	7.5	13	10	77	33	3.4	--	.8
U(C- 6- 6)35BDD- 1	61-11-00	--	124GRRV	5500	3190	3260	--	--	--	32	8.0	--	3979	--
U(C- 7- 8) 1ACD-S1	71-08-09	--	124PCCK	--	--	--	9.0	47	10	57	45	62	--	3.6
U(D- 1- 1) 4BBC-S1	54-06-11	--	112OTSH	--	--	--	--	12	30	77	12	--	5.0	--
U(D- 1- 1) 5AAA-S1	54-06-11	--	112OTSH	--	--	--	--	10	40	77	13	--	3.2	--
	72-03-15	--	112OTSH	--	--	--	13.0	18	20	66	17	5.0	--	1.2
U(D- 1- 1) 5AAD-S1	54-06-11	--	112OTSH	--	--	--	--	12	20	76	12	--	6.5	--
	63-09-04	--	112OTSH	--	--	--	--	24	20	57	20	2.8	--	2.8
U(D- 1- 1)14BBC- 1	72-06-01	--	123DCRV	230	--	230	--	7.8	30	8.0	4.0	160	--	2.8
U(D- 1- 1)19AAA- 1	60-01-29	--	112OTSH	50	--	50	--	7.8	--	75	15	9.7	--	1.0
U(D- 1- 1)19AAA- 2	60-01-29	--	112OTSH	47	--	47	--	8.4	--	79	16	7.1	--	.0
U(D- 1- 1)19ADD- 2	53-02-14	--	112OTSH	67	--	--	--	10	90	72	16	--	12	--
U(D- 1- 1)20BBC- 1	57-04-27	--	112OTSH	60	--	60	--	17	--	70	3.6	--	58	--
U(D- 1- 1)21CBD- 1	52-08-28	--	124GRRV	9391	9357	9391	--	--	--	--	--	--	4360	--
	67-08-24	--	124GRRV	9391	9357	9391	--	35	90	8.0	5.0	4300	--	73
U(D- 1- 1)21DBC- 1	59-11-05	--	124GRRV	9393	9080	9393	--	10	--	14	3.6	--	4500	--
	60-05-04	--	124GRRV	9393	9080	9393	--	--	--	12	6.6	4570	--	53
	65-08-25	--	124GRRV	9393	9080	9393	--	--	--	--	--	--	--	--
U(D- 1- 1)30ADA- 1	73-08-09	1100	112OTSH	24	--	--	--	23	10	48	14	2.4	--	.6
U(D- 1- 1)31AAA-S1	73-08-09	1030	112OTSH	--	--	--	17.5	--	--	--	--	--	--	--
	73-09-26	1000	112OTSH	--	--	--	16.0	--	--	--	--	--	--	--
	73-11-28	0915	112OTSH	--	--	--	10.0	--	--	--	--	--	--	--
	74-03-23	1000	112OTSH	--	--	--	7.0	--	--	--	--	--	--	--
	74-05-17	1220	112OTSH	--	--	--	13.0	36	40	74	31	6.0	--	.8
	74-06-20	0900	112OTSH	--	--	--	15.5	--	--	--	--	--	--	--
U(D- 1- 1)36ACC- 1	55-03-03	--	123DCRV	442	--	442	--	6.2	--	157	51	--	122	--
U(D- 1- 2)17BAA- 1	72-06-01	--	112OTSH	34	--	34	--	15	220	160	77	38	--	.9
U(D- 1- 2)17BAB- 2	39-09-08	--	123DCRV	200	--	200	--	2.5	0	32	22	--	91	--
U(D- 2- 1) 3CCC- 1	72-06-01	--	123DCRV	375	--	375	--	7.7	50	4.6	2.0	390	--	3.3
U(D- 2- 1)18DCC- 1	73-03-21	1515	123DCRV	310	--	--	14.0	7.8	50	1.7	.8	360	--	1.6
U(D- 2- 1)22DD	54-09-21	--	123DCRV	90	55	90	--	--	--	--	--	--	--	--
	54-12-08	--	123DCRV	425	415	425	--	--	--	--	--	--	--	--
	55-04-12	--	124UINT	688	687	688	--	--	--	--	--	--	--	--
U(D- 2- 1)23BAA- 1	56-05-10	--	112OTSH	20	--	--	--	--	--	--	--	--	--	--
	58-07-09	--	112OTSH	20	--	--	14.0	11	--	152	107	--	135	--
U(D- 3- 2) 7DDA- 1	58-07-07	--	112OTSH	40	--	--	15.5	15	--	128	71	--	260	--
U(D- 3- 2) 7DDB- 1	58-07-07	--	112OTSH	35	--	--	--	--	<500	--	--	--	--	--
U(D- 4- 3)32DCB- 1	69-02-20	--	124UINT	125	--	--	--	11	0	53	26	750	--	3.0
U(D- 4- 3)32DCB- 2	69-02-20	--	124UINT	80	--	--	--	9.0	20	34	9.0	800	--	3.0

water wells, springs, and petroleum-test wells--Continued

BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS_ SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
3220	--	72	2560	--	--	--	--	--	--	--	7520	120	0	--	121	8.7	PL
570	30	185	178	1.0	.40	--	.80	--	0	1116	1100	10	0	1940	55	9.0	DH
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1340	--	--	
1290	106	1000	128	--	2.2	--	--	--	7700	--	2910	576	0	3980	16	8.5	
761	0	1200	140	.6	--	7.1	--	2.6	8200	--	2730	640	15	4300	14	8.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	1050	--	--	
1470	1060	110	594	--	.60	--	--	--	12800	--	4270	28	0	6790	146	9.3	SL
1990	2580	188	704	--	1.2	--	--	--	22600	--	7700	37	0	11380	232	9.6	SL
1380	2800	11	668	--	1.3	--	--	--	20	--	7320	0	0	10700	--	10.1	
2890	2620	76	630	5.6	--	.00	--	23	24000	--	8330	2	0	12100	1000	10.1	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	660	--	--	
803	17	670	92	--	--	--	--	--	--	--	1770	570	0	2500	7.6	8.5	
424	0	940	52	--	--	--	--	--	--	--	1700	1000	660	2230	2.3	7.9	
360	0	91	6.3	.3	--	.10	--	.25	220	--	437	310	11	703	1.0	7.3	
378	48	120	12	--	--	--	--	--	--	790	--	79	0	590	E10	8.9	PL
370	0	190	10	--	--	--	--	--	--	--	575	460	150	884	.5	7.5	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	560	--	--	
316	0	74	3.4	.5	--	.07	--	.06	90	--	367	290	33	631	.4	7.6	
--	--	--	6300	--	--	--	--	--	--	--	--	--	--	20500	--	--	
474	0	570	26	1.9	--	.04	--	.12	2700	--	1210	760	370	1680	1.6	7.3	
988	0	682	41	--	.90	--	--	--	6300	--	1840	666	0	2520	7.1	8.0	
1020	0	670	41	--	1.2	--	--	--	6500	--	1860	642	0	2590	7.5	8.1	
1200	144	887	124	--	4.1	--	--	--	6600	--	2710	632	0	3690	13	8.8	
467	0	780	18	2.9	--	.08	--	.00	230	--	1440	1100	760	1820	.3	8.1	
348	0	52	1.6	.4	--	.12	--	.03	20	--	353	330	43	604	.1	7.4	
5120	675	58	2400	--	--	--	--	--	--	--	9674	110	0	14500	--	8.8	PL
475	0	33	35	.8	--	1.7	--	.09	510	--	525	330	0	800	1.5	7.9	
277	--	13	4.0	.5	4.0	--	--	--	--	290	262	240	14	--	--	7.5	DH
279	--	10	4.0	.5	7.3	--	--	--	--	305	--	246	17	--	--	--	DH
296	0	9.5	1.4	.3	--	.21	--	.06	10	--	265	230	0	446	.1	7.4	
283	--	10	4.0	<.1	5.5	--	--	--	--	264	--	239	7	--	--	--	DH
258	0	10	5.0	.5	6.3	--	1.8	--	130	270	250	225	13	392	.1	7.5	DH
329	0	100	8.8	3.2	--	.03	--	.00	80	--	457	36	0	754	12	7.9	
301	0	17	6.5	.1	.17	--	--	--	60	277	281	248	2	485	.3	7.3	DH
316	0	16	6.0	.2	.30	--	--	--	80	296	288	262	4	490	.2	--	DH
284	0	25	6.1	.1	.20	--	--	--	--	302	281	244	13	--	E.3	7.5	DH
304	0	44	13	.0	.04	--	--	--	--	353	--	190	0	--	E1.8	7.2	DH
1830	205	841	4800	--	--	--	--	--	--	12100	11100	--	--	17200	--	8.6	PL
2475	27	1370	4500	24	.00	--	2.3	--	8600	11670	11600	40	0	13750	294	8.3	DH
2590	137	1050	4520	--	10	--	--	--	--	11800	11500	49	0	17900	279	8.5	
2660	421	432	4560	--	5.3	--	--	--	48000	11100	11400	57	0	16800	263	8.6	
--	--	--	4220	--	--	--	--	--	--	--	--	--	--	17300	--	--	
213	0	11	6.0	.5	--	.28	--	.03	50	--	212	180	3	343	.1	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	400	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	470	--	--	
372	0	12	2.6	.8	--	.31	--	.06	30	--	348	310	7	574	.1	7.7	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	470	--	--	
458	4	421	32	1.0	5.1	--	--	--	--	958	1030	604	219	--	E2.2	8.2	DH
415	0	410	16	.6	--	.09	--	.00	150	--	922	720	380	1250	.6	7.0	
298	--	142	9.0	.4	.00	--	--	--	--	472	445	171	0	--	E3.0	--	DH
711	0	180	65	5.8	--	.02	--	.06	140	--	1010	20	0	1630	38	8.1	
679	33	110	63	6.6	--	.14	--	.03	170	--	920	8	0	1480	57	8.8	
--	--	--	1770	--	--	--	--	--	--	--	--	380	--	6890	--	--	
--	--	--	11800	--	--	--	--	--	--	--	--	2960	--	32600	--	--	
--	--	--	47800	--	--	--	--	--	--	--	--	35200	--	83200	--	--	
466	--	--	63	--	--	--	--	--	--	1490	--	840	--	--	--	7.6	DH
452	0	632	58	--	.30	--	--	--	--	1380	1320	816	445	1810	E2.1	7.7	
460	0	652	78	--	11	--	--	--	--	1470	1440	610	233	2010	E4.6	7.5	
445	0	--	250	--	--	--	--	--	--	--	--	702	340	--	--	7.5	
570	3	855	341	.8	12	--	.00	--	1800	2322	2340	240	0	3895	21	--	DH
528	4	822	450	.9	5.8	--	.10	--	2300	2442	2400	120	0	4300	32	--	DH

Table 11.--Gaging station numbers, names, drainage areas, and periods of record for streamflow stations

Drainage area: a, approximate; n, approximate, includes area above diversion.
Period of record: *, gage heights or gage heights and discharge measurements only.

Station number	Station name	Drainage area (mi^2)	Periods of record: Daily or monthly figures (calendar years)	Periods of record: Annual peaks (water years)
09260500	Jones Hole Creek near Jensen, Utah	a120	1950-56; 1961	
09261000	Green River near (at) Jensen (near Vernal), Utah	a25,400	1903-4; 1905*; 1906; 1914-15; 1946-	
09261500	Brush Creek above cave, near Vernal, Utah	a23	1946-55	
09262000	Big Brush Creek (Brush Creek) near Vernal, Utah	a82	1939-	
09262500	Little Brush Creek below East Park Reservoir, near Vernal, Utah	a20	1949-55	
09263000	Little Brush Creek near Vernal, Utah	a28	1945-52	
09263500	Brush Creek near Jensen, Utah	255	1939-65	
09263700	Cliff Creek near Jensen, Utah	a64		1960-
09263800	Cow Wash near Jensen, Utah	a3.9		1960-
09264000	Ashley Creek below Trout Creek, near Vernal, Utah	a27	1943-54	
09264500	South Fork Ashley Creek near Vernal, Utah	a20	1943-55	
09265000	Oaks Park Canal near Vernal, Utah	-	1946-69	
09265300	Ashley Creek above Red Pine Creek, near Vernal	55.8	1964-	
09265500	Ashley Creek above springs, near Vernal, Utah	a100	1941-45	
09266000	Ashley Creek Spring near Vernal, Utah	-	1943-45	
09266500	Ashley Creek near Vernal, Utah	101	1911-	
09267000	Utah Power and Light (Vernal Milling and Light) Co.'s tailrace near Vernal, Utah	-	1917; 1920-31	
09267100	Ashley Creek above Dry Fork, near Vernal, Utah	110	1969-72	
09267500	Mosby Canal near Lapoint, Utah	-	1954-	
09268000	Dry Fork above sinks, near Dry Fork, Utah	44.4	1939-	
09268500	North Fork of Dry Fork near Dry Fork, Utah	8.62	1946-	
09268900	Brownie Canyon (East Fork of Dry Fork) above sinks, near Dry Fork, Utah	8.24	1960-	
09269000	East Fork of Dry Fork near Dry Fork, Utah	a12	1946-63	
09269500	East Fork of Dry Fork at mouth, near Dry Fork	a18	1949-52	
09270000	Dry Fork below springs (Ashley Creek, Dry Fork), near Dry Fork (at Vernal), Utah	97.4	1904; 1941-45; 1953-69	
09270500	Dry Fork at mouth, near Dry Fork, Utah	116	1954-	
09271000	Ashley Creek at Sign of the Maine (below Dry Fork), near Vernal (near Vernal), Utah	241	1900-1904; 1939-65	
09271070	Highline Canal below Mantle Gulch, near Jensen	-	1969-72	
09271300	Steinaker Reservoir near Vernal, Utah	-	1962-68	
09271470	River Irrigation Company Canal near Jensen, Utah	-	1969-72	
09271500	Ashley Creek near Jensen, Utah	383	1946-	
09271800	Halfway Hollow tributary near Lapoint, Utah	a5.6		1960-
09272000	Twelvemile Wash tributary near Maeser, Utah	a.12		1960-68
09272400	Green River at Ouray, Utah	a26,000	1904-5	
09272500	Duchesne tunnel near Kamas, Utah	-	1953-69	
09273000	Duchesne River (North Fork Duchesne River) at Provo River Trail, near Hanna, Utah	a39	1929-33; 1935-54	
09273200	Duchesne River below Little Deer Creek, near Hanna, Utah	a39	1964-68	
09273500	Hades Creek near Hanna, Utah	a7.5	1949-68	
09274000	Duchesne River (North Fork Duchesne River) near Hanna, Utah	a78	1921-23; 1929-30; 1946-63	
09274500	Duchesne River (North Fork Duchesne River) above Forks, Utah	-	1904*	
09275000	West Fork Duchesne River below Dry Hollow, near Hanna, Utah	a47	1949-68	
09275500	West Fork Duchesne River (Duchesne River above Forks) near Hanna, Utah	a61	1904; 1921-23; 1945-	
09276000	Wolf Creek above Rhoades Canyon, near Hanna	a9	1945-	
09276500	Wolf Creek near Hanna, Utah	a19	1921-23	
09277000	Duchesne River at Hanna, Utah	a230	1953-60	
09277500	Duchesne River near Tabiona, Utah	352	1918-	
09277800	Rock Creek above South Fork, near Hanna, Utah	a98	1965-	
09278000	South Fork Rock Creek near Hanna, Utah	a14	1953-	
09278500	Rock Creek near Hanna, Utah	a120	1949-69	
09279000	Rock Creek near Mountain Home, Utah	149	1937-	
09279100	Rock Creek near Talmage, Utah	a240	1963-	
09279150	Duchesne River above Knight diversion, near Duchesne, Utah	a620	1970-	
09279200	Benson Creek near Duchesne, Utah	a11		1960-68

Table 11.--Gaging station numbers, names, drainage areas, and periods of record for streamflow stations--Continued

Station number	Station name	Drainage area (mi^2)	Periods of record: Daily or monthly figures (calendar years)	Periods of record: Annual peaks (water years)
09279500	Duchesne River at Duchesne, Utah	a660	1917-70	
09280000	Strawberry River and Willow Creek ditches near Heber, Utah	-	1949-60	
09280400	Hobble Creek at Daniels Summit, near Wallsburg	a1.4	1963-	
09280500	Upper Hobble Creek ditch near Heber, Utah	-	1949-52	
09281000	Lower Hobble Creek ditch near Heber, Utah	-	1949-52	
09281500	Hobble Creek ditch (Upper and Lower Hobble Creek ditches) near Heber, Utah	-	1949-60	
09282000	Strawberry tunnel at West Portal, near Thistle	-	1915-68	
09282500	Strawberry Reservoir near Soldier Springs, Utah	n170	1913-68	
09283000	Strawberry River above mouth of Indian Creek, in Strawberry Valley, Utah	132	1909-10	
09283500	Trail Hollow Creek in Strawberry Valley	a21	1909-10	
09284000	Indian Creek in Strawberry Valley, Utah	a50	1905-6; 1909-10	
09284500	Strawberry River (Creek) below mouth of Indian Creek, in Strawberry Valley, Utah	182	1903-6; 1909	
09285000	Strawberry River near Soldier Springs, Utah	n210	1942-56; 1963-	
09285500	Willow Creek near Soldier Springs, Utah	a44	1943-47	
09285700	Strawberry River above Red Creek, near Fruitland, Utah	n360	1963-	
09286000	Red Creek above Narrows, Utah	-	1904	
09286500	Red Creek near Fruitland, Utah	a89	1917-22; 1955-61	
09287000	Currant Creek below Red Ledge Hollow, near Fruitland, Utah	a48	1945-68	
09287500	Water Hollow near Fruitland, Utah	a14	1946-	
09288000	Currant Creek near Fruitland, Utah	139	1934-	
09288100	Red Creek below Currant Creek, near Fruitland	a300	1963-	
09288150	West Fork Avintaquin Creek near Fruitland, Utah	a56	1964-	
09288180	Strawberry River near Duchesne, Utah	n770	1968-	
09288200	Strawberry River tributary near Duchesne, Utah	a1.7		1960-68
09288300	Trail Hollow (Meeks Draw) Creek near Tabiona	a6.8		1961-68
09288500	Strawberry River at Duchesne (Theodore), Utah	n950	1908-10; 1914-68	
09288900	Sowers Creek near Duchesne, Utah	a43	1964-	
09289000	Antelope Creek near Myton, Utah	-	1917-21	
09289500	Lake Fork River (Lake Fork) (West Fork of Lake Fork) above Moon Lake, near Mountain Home	a78	1933-34; 1942-55; 1963-	
09290000	Brown Duck Creek near Mountain Home, Utah	a15	1933-34; 1942-55	
09290500	Moon Lake Reservoir near Mountain Home, Utah	108	1937-	
09291000	Lake Fork River (Lake Fork) (West Fork of Lake Fork), below Moon Lake near Mountain Home	a110	1921-34; 1942-	
09291500	Yellowstone Creek below Swift Creek, near Altonah, Utah	a99	1949-55	
09292000	Yellowstone Creek (East Fork of Lake Fork) 8 miles above Forks, Utah	-	1904	
09292500	Yellowstone River (Creek) near Altonah, Utah	131	1944-	
09293000	Yellowstone Creek near Mountain Home, Utah	143	1943-44	
09293500	Lake Fork (below Forks) near Altonah (Whiterocks), Utah	331	1904; 1907-10; 1917-20	
09294000	Lake Fork near Upalco, Utah	418	1942-55	
09294500	Lake Fork (Creek) near Myton, Utah	468	1900-1903; 1907-36	
09295000	Duchesne River at Myton (at Price Road bridge)	a2,750	1899-	
09295500	Uinta River below Gilbert Creek, near Neola	a33	1950-55	
09296000	Uinta River above Clover Creek, near Neola, Utah	132	1945-55	
09296500	Clover Creek near Neola, Utah	a9.5	1950-55	
09297000	Uinta River near Neola, Utah	160	1921-27; 1929-	
09297500	Uinta River near Whiterocks, Utah	218	1899-1903; 1907-10; 1917-20	
09298000	Farm Creek near Whiterocks, Utah	14.9	1949-	
09298500	Whiterocks River above Paradise Creek, near Whiterocks, Utah	a90	1945-55	
09299000	Paradise Creek near Whiterocks, Utah	a10	1946-55	
09299300	Whiterocks River (Creek) near Whiterocks (in canyon) Utah	113	1899-1903; 1907-10; 1913-	
09300000	Deep Creek near Lapoint, Utah	a75	1942-45; 1949-55	
09300500	Uinta River at (near) Fort Duchesne, Utah	672	1899-1904; 1906*; 1907-10; 1917-20; 1942-58	
09301000	Dry Gulch near Neola, Utah	a67	1950-58	
09301500	Uinta River at Ouray School (near Leland), Utah	967	1899-1904	
09302000	Duchesne River near Randlett, Utah	a3,920	1942-	

Table 11.--Gaging station numbers, names, drainage areas, and periods of record for streamflow stations--Continued

Station number	Station name	Drainage area (mi^2)	Periods of record: Daily or monthly figures (calendar years)	Periods of record: Annual peaks (water years)
09306500	White River near Watson (Dragon), Utah (Rangely, Colo.)	a4,020	1904-6; 1918; 1923-	
09306800	Bitter Creek near Bonanza, Utah	324	1970-	
09306900	White River at mouth, near Ouray, Utah		1974-	
09307000	Green River near Ouray, Utah	a35,500	1947-55; 1956-66	
09307500	Willow Creek above diversions, near Ouray, Utah	a300	1950-55; 1957-70	
09308000	Willow Creek near Ouray, Utah	a890	1947-55	1961-68
09308200	Pleasant Valley Wash tributary near Myton	a15		1960-
09308500	Minnie Maud Creek near Myton, Utah	a30	1950-55; 1957-	
09309000	Minnie Maud Creek at Nutter Ranch, near Myton	231	1947-55	1960-
09309100	Gate Canyon near Myton, Utah	a5.4		1960-

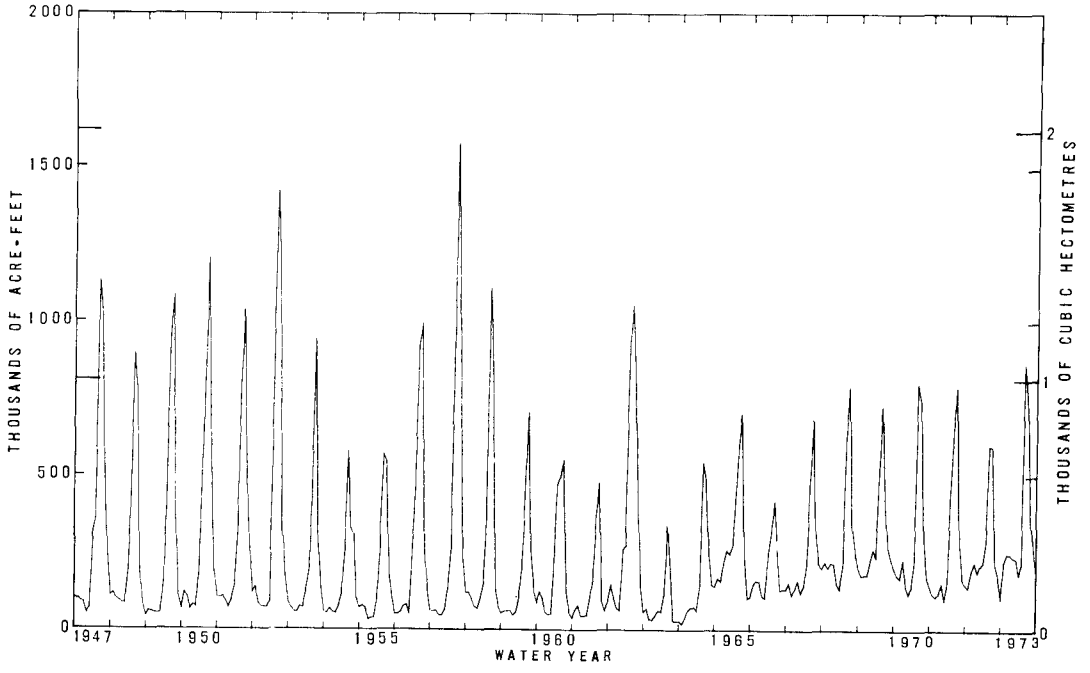

Figure 3.—Monthly discharge at station 09261000, Green River near Jensen, Utah, October 1946-September 1973.

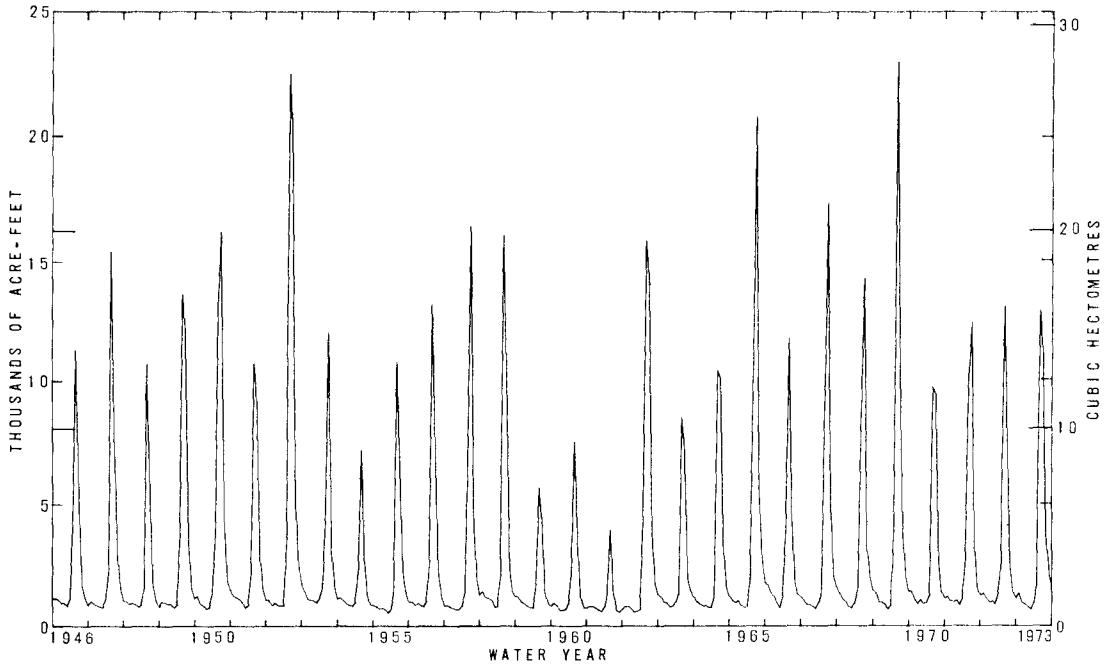

Figure 4.—Monthly discharge at station 09275500, West Fork Duchesne River near Hanna, Utah, October 1945-September 1973.

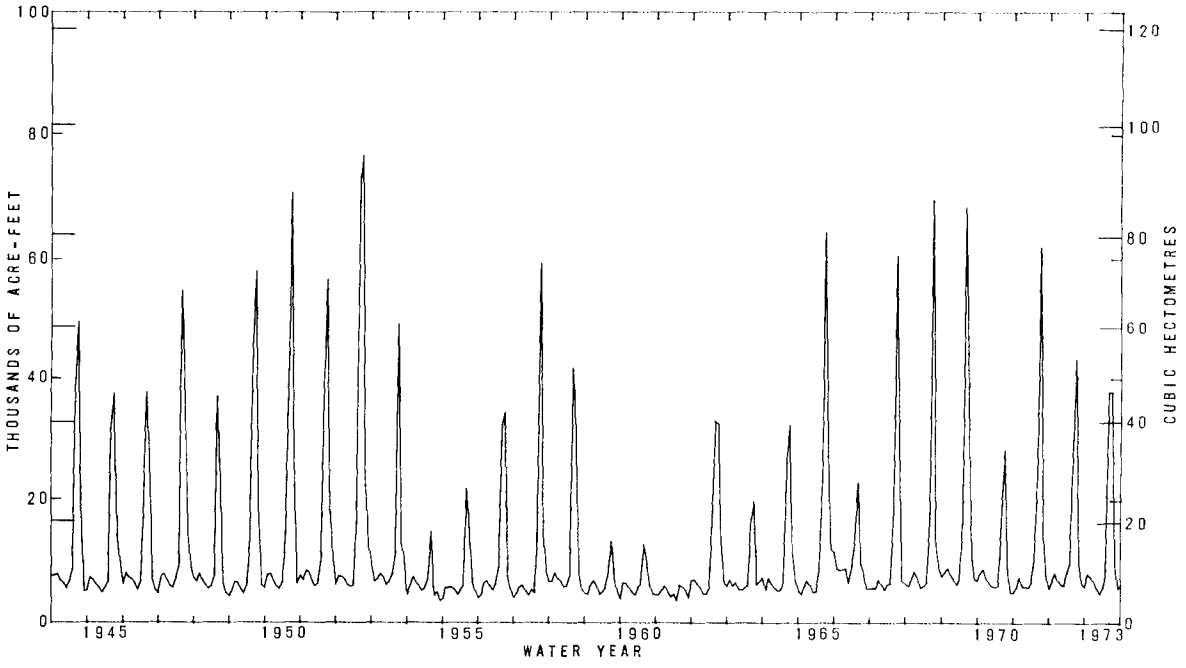

Figure 5.—Monthly discharge at station 092775000, Duchesne River near Tabiona, Utah, October 1943-September 1973.

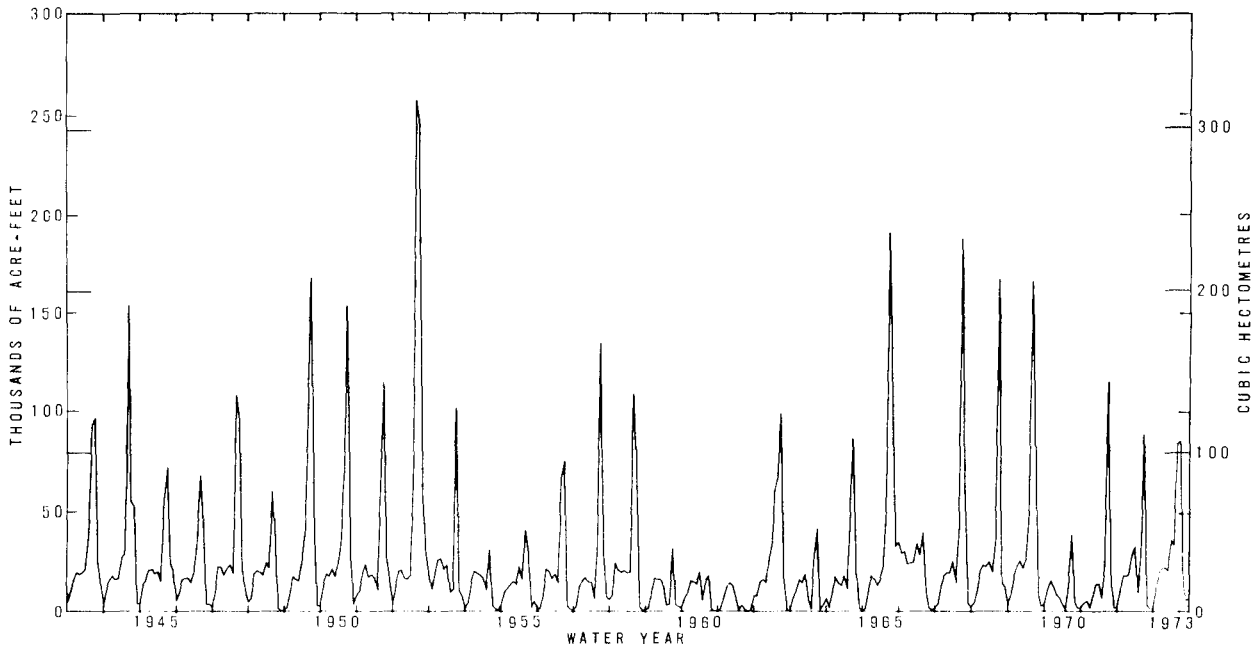

Figure 6.—Monthly discharge at station 09295000, Duchesne River at Myton, Utah, October 1942-September 1973.

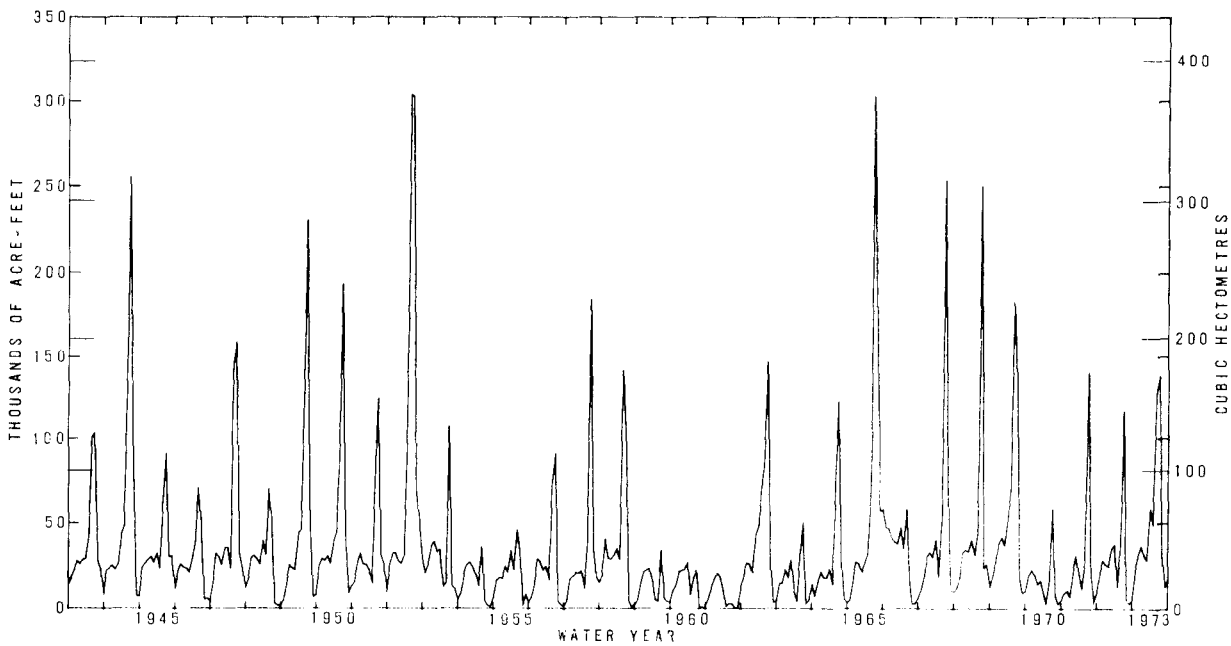

Figure 7.—Monthly discharge at station 09302000, Duchesne River near Randlett, Utah, October 1942-September 1973.

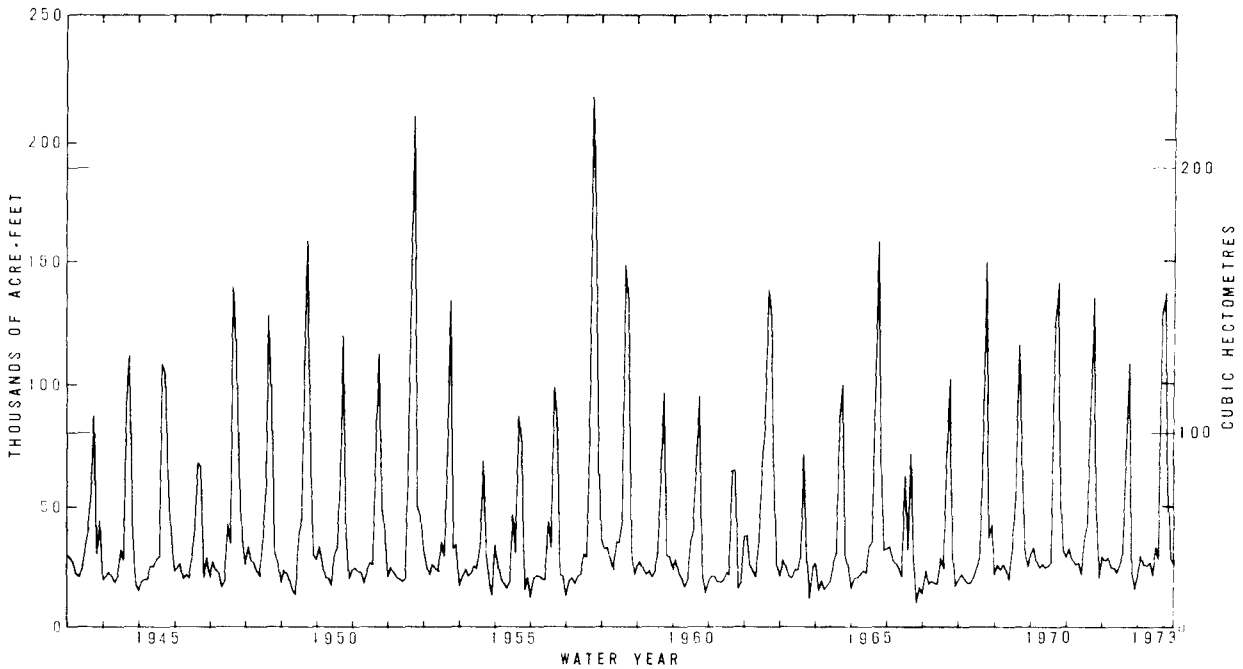

Figure 8.—Monthly discharge at station 09306500, White River near Watson, Utah, October 1942-September 1973.

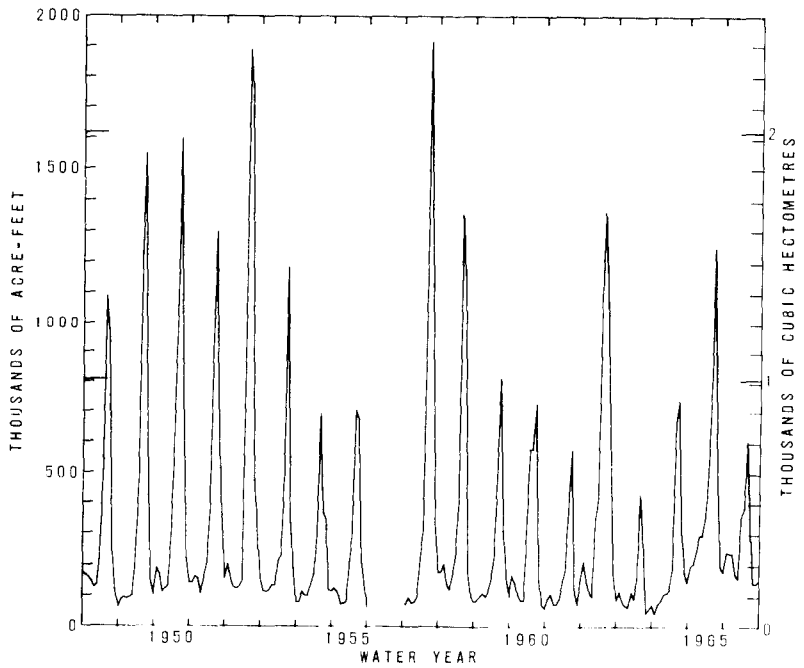

Figure 9.—Monthly discharge at station 09307000, Green River near Ouray, Utah, October 1947-September 1973.

Table 12.--Summarized records of stream discharge at gaging stations

09260500 Jones Hole Creek near Jensen, Utah

LOCATION.--Lat 40°33'33", long 109°03'15", in E½ sec. 13, T. 3 S., R. 25 E., on left bank 1.5 miles (2.4 km) south of Dinosaur National Monument boundary line, 5 miles (8 km) northeast of Ruple Ranch (Island Park Ranch), and 20 miles (32 km) northeast of Jensen.

DRAINAGE AREA.--120 sq mi (311 km^2).

PERIOD OF RECORD.--October 1950 to September 1956, October 1960 to September 1961.

GAGE.--Water-stage-recorder. Altitude of gage is 5,200 ft (1,585 m) from topographic map.

AVERAGE DISCHARGE.--7 years, 36.3 ft^3/s (1.03 m^3/s), 26,280 acre-ft/yr (32.4 hm^3/yr).

EXTREMES.--1950-56, 1960-61: Maximum discharge, 968 ft^3/s (27.4 m^3/s) April 26, 1952 (gage height, 5.40 ft or 1.65 m), from rating curve extended above 320 ft^3/s (9.06 m^3/s) on basis of slope-area measurement of peak flow; minimum daily recorded 31 ft^3/s (0.88 m^3/s) for many days in 1961 water year.

REMARKS.--Records good except those for periods of no gage-height record, which are fair. No diversion above or below station.

Water year 1/	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1951	36.0	37.3	38.0	35.6	34.0	37.5	39.4	38.1	35.8	34.5	34.0	33.7	36.2
1952	33.6	34.7	34.3	32.7	33	34.5	103	67.1	44.3	41.3	40.0	38.0	44.7
1953	35.9	35.0	34.4	33.6	33.9	34.6	34.3	34.5	34.0	33.2	34.1	33.6	34.3
1954	33.4	34.4	34.8	35.6	34.4	38.3	63.1	35.2	34.3	34.9	35.1	35.6	37.4
1955	35.6	35.0	35.0	34.2	34.0	34.0	36.6	34.5	34.8	34.0	35.0	34.1	34.7
1956	34.5	34.8	33.6	33.0	32.9	33.5	33.6	34.0	33.2	33.9	33.5	32.3	33.6
1961	33.0	32.8	31.4	31.2	31.0	38.8	34.3	33.0	33.6	33.2	33.0	34.5	33.3
						Monthly and yearly runoff, in acre-feet							
1951	2,210	2,220	2,340	2,190	1,890	2,310	2,340	2,340	2,130	2,120	2,090	2,010	26,190
1952	2,070	2,070	2,110	2,010	1,900	2,120	6,150	4,120	2,640	2,540	2,460	2,260	32,450
1953	2,210	2,080	2,110	2,070	1,880	2,130	2,040	2,120	2,030	2,040	2,090	2,000	24,800
1954	2,050	2,050	2,140	2,190	1,910	2,360	3,750	2,160	2,040	2,150	2,160	2,120	27,080
1955	2,190	2,080	2,150	2,100	1,890	2,090	2,180	2,120	2,070	2,090	2,150	2,030	25,140
1956	2,120	2,070	2,060	2,030	1,890	2,060	2,000	2,090	1,970	2,090	2,060	1,920	24,360
1961	2,030	1,950	1,930	1,920	1,720	2,390	2,040	2,030	2,000	2,040	2,030	2,050	24,130

1/ The term "water year" applies to the 12-month period from October 1 to September 30 and is designated by the calendar year in which it ends.

Table 12.--Summarized records of streamdischarge at gaging stations--Continued

09261000 Green River near Jensen, Utah

LOCATION.--Lat 40°24'34", long 109°14'05", in NE¼SW¼SE¼ sec. 5, T. 5 S., R. 24 E., Uintah County, Dinosaur National Monument, on right bank 300 ft (91 m) upstream from highway bridge, 1 mile (2 km) downstream from Cub Creek and Chew Ranch, 4 miles (6 km) southeast of Dinosaur National Monument headquarters, 6.5 miles (10.4 km) northeast of Jensen, 12 miles (19 km) upstream from Brush Creek, and 313.9 miles (505.1 km) from mouth.

DRAINAGE AREA.--25,400 sq mi (65,786 km^2), approximately.

PERIOD OF RECORD.--October 1903 to December 1904, June to August 1905 (gage heights only), March to September 1906, July to October 1914, August to December 1915, October 1946 to September 1973. Prior to October 1946, published as "at Jensen," except October to December 1903, which was published as "near Vernal."

GAGE.--Water-stage recorder. Altitude of gage is 4,758 ft (1,450 m) from river-profile map. Prior to October 1, 1946, nonrecording gages at site 15 miles (24 km) downstream at different datums. Dec. 13, 1946, to Sept. 30, 1948, water-stage recorder at present site at datum 1.50 ft (0.457 m) higher.

AVERAGE DISCHARGE.--28 years (1903-04, 1946-73), 4,356 ft^3/s (123.4 m^3/s), 3,155,000 acre-ft/yr (3.89 km^3/yr), unadjusted.

EXTREMES.--Maximum discharge, 36,500 ft^3/s (1,030 m^3/s) June 16, 1957 (gage height, 13.22 ft or 4.029 m); minimum observed, 102 ft^3/s (2.89 m^3/s) Dec. 6, 1904.

REMARKS.--Records good. Transbasin diversions and diversions for irrigation above station. Flow partly regulated by Flaming Gorge Reservoir since Nov. 1, 1962. Records of chemical analyses, water temperatures, and suspended-sediment loads are available for part of period of record. (See table 13.)

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1904	1,600	1,333	1,726	1,800	2,000	3,547	7,583	20,400	23,000	9,485	3,103	1,214	6,403
1905	1,041	745	625	-	-	-	-	-	-	-	-	-	-
1906	-	-	-	-	-	-	8,070	19,410	20,410	9,228	3,850	3,075	-
1914	-	-	-	-	-	-	-	-	-	7,729	3,349	1,457	-
1915	-	-	-	-	-	-	-	-	-	-	1,546	2,148	-
1916	2,044	1,282	-	-	-	-	-	-	-	-	-	-	-
1947	1,600	1,500	1,378	822	1,223	4,969	6,021	18,320	16,990	8,284	4,002	1,840	5,603
1948	1,900	1,685	1,494	1,372	1,440	3,165	7,187	14,460	12,760	2,982	1,399	726	4,219
1949	964	949	871	855	1,005	2,582	6,817	15,290	18,140	6,047	1,798	1,081	4,708
1950	1,929	1,788	1,041	1,255	1,293	3,386	8,917	13,710	20,200	9,378	3,132	1,774	5,659
1951	1,648	1,805	1,471	1,130	1,715	2,389	5,782	12,810	17,360	8,160	4,479	2,024	5,073
1952	2,250	1,387	1,204	1,161	1,288	1,477	13,000	23,110	20,150	5,311	2,893	1,570	6,230
1953	1,128	976	894	1,195	1,307	2,049	3,320	6,849	15,740	4,566	2,319	990	3,442
1954	864	1,132	917	852	1,318	1,872	4,280	9,301	5,575	4,997	1,644	1,208	2,840
1955	1,260	1,220	533	598	721	1,658	4,550	9,130	9,080	2,890	1,820	846	2,865
1956	833	932	1,244	1,304	877	4,422	7,632	14,920	16,660	4,105	2,308	1,022	4,689
1957	969	1,047	770	755	1,162	2,296	4,437	13,890	26,440	14,740	3,835	2,051	6,046
1958	1,988	1,714	1,225	1,101	1,834	2,484	5,980	17,940	13,530	2,302	1,222	901	4,360
1959	949	1,015	1,000	768	993	1,711	3,340	7,127	11,700	4,222	2,064	1,463	3,031
1960	1,995	1,722	906	818	900	4,416	7,856	7,994	9,315	2,105	924	645	3,295
1961	1,036	1,302	741	744	861	1,866	2,710	5,758	7,932	1,531	1,002	1,584	2,235
1962	2,402	1,733	1,149	1,023	4,676	4,435	15,360	17,080	13,780	7,339	2,346	981	6,016
1963	1,112	593	528	747	1,137	949	2,029	5,507	3,428	498	453	505	1,458
1964	346	632	1,036	1,199	1,314	1,023	2,464	8,755	8,172	4,149	2,390	2,395	2,825
1965	2,737	2,657	3,484	4,206	4,448	4,421	6,936	9,718	11,680	3,860	1,686	1,829	4,797
1966	2,444	2,699	2,584	1,816	1,879	3,992	5,415	6,799	4,312	2,137	2,185	2,238	3,214
1967	2,520	1,918	2,203	2,656	2,189	2,334	3,677	7,535	11,370	5,182	3,566	3,420	4,051
1968	3,609	3,438	3,587	3,542	2,660	2,190	3,821	10,040	13,150	5,597	4,172	3,401	4,935
1969	2,919	3,059	2,971	3,619	4,745	3,872	8,199	11,700	7,168	4,397	3,779	3,407	4,983
1970	2,950	2,881	3,731	2,437	2,147	2,292	3,931	12,930	12,480	4,930	2,840	2,448	4,679
1971	1,939	1,878	1,953	2,489	1,790	2,595	7,128	10,570	13,160	4,629	2,762	2,550	4,456
1972	2,289	3,275	3,603	3,122	3,703	3,600	4,920	9,685	9,977	3,554	2,913	1,775	4,365
1973	3,655	4,233	4,071	3,927	4,287	3,022	3,694	14,000	12,020	5,660	4,016	2,949	5,467
						Monthly and yearly runoff, in thousands of acre-feet							
1904	98.38	79.34	106.1	110.7	115.0	218.1	451.2	1,254	1,369	583.2	190.8	72.27	4,648
1905	64.03	44.31	38.41	-	-	-	-	-	-	-	-	-	-
1906	-	-	-	-	-	-	480.2	1,193	1,215	567.4	236.7	183.0	-
1914	-	-	-	-	-	-	-	-	-	475.2	205.9	86.72	-
1915	-	-	-	-	-	-	-	-	-	-	95.05	127.8	-
1916	125.7	76.29	-	-	-	-	-	-	-	-	-	-	-
1947	98.38	89.26	84.72	50.54	67.93	305.5	358.3	1,126	1,011	509.4	246.1	109.5	4,057
1948	116.8	100.3	91.87	84.36	82.81	194.6	427.7	889.1	759.4	183.4	86.00	43.20	3,060
1949	59.30	56.47	53.58	52.56	55.81	158.7	405.6	940.0	1,079	371.8	110.6	64.32	3,408
1950	118.6	106.4	64.01	77.16	71.82	208.2	530.6	843.3	1,202	576.7	192.6	105.6	4,097
1951	101.3	107.4	90.45	69.50	95.25	146.9	344.0	787.5	1,033	501.7	275.4	120.4	3,673
1952	138.3	82.56	74.04	71.39	74.10	90.84	773.3	1,421	1,199	326.5	177.9	93.42	4,522
1953	69.38	58.06	54.94	73.45	72.58	126.0	197.5	421.1	936.3	280.8	142.6	58.90	2,492
1954	53.10	67.37	56.35	52.39	73.17	115.1	254.7	571.9	331.8	307.3	101.1	71.91	2,056
1955	77.43	72.42	32.77	36.77	40.07	102.0	271.0	561.5	540.4	177.7	111.7	50.32	2,074
1956	51.22	55.46	76.50	80.18	50.42	271.9	454.1	917.5	991.6	252.4	141.9	60.80	3,404
1957	59.61	62.31	47.34	46.41	64.56	141.2	264.0	853.9	1,573	906.4	235.8	122.0	4,377
1958	122.2	102.0	75.29	67.72	101.9	152.7	355.8	1,103	805.2	141.5	75.14	53.62	3,156
1959	58.35	60.40	61.50	47.23	55.14	105.2	198.7	438.2	696.0	259.6	126.9	87.05	2,194
1960	122.7	102.4	55.70	50.28	51.77	271.5	467.5	491.6	544.3	129.4	56.84	38.35	2,392
1961	63.73	77.49	45.57	45.74	47.84	114.7	161.2	354.0	472.0	94.14	61.58	94.25	1,632
1962	147.7	103.1	70.64	62.88	259.7	272.7	914.2	1,050	820.0	451.3	144.3	58.35	4,355
1963	68.35	35.31	32.47	45.91	63.16	58.35	120.8	338.6	204.0	30.65	27.87	30.06	1,055
1964	21.27	37.58	63.69	73.72	75.57	62.93	146.6	538.4	486.2	255.1	146.9	142.5	2,051
1965	168.3	158.1	214.2	258.6	247.0	271.8	412.7	597.5	694.9	237.3	103.7	108.8	3,473
1966	150.3	160.6	158.9	111.7	104.4	245.0	322.2	418.1	256.6	131.4	134.4	133.2	2,327
1967	155.0	114.2	135.5	163.3	121.6	143.5	218.8	463.3	676.3	318.6	219.3	203.5	2,933
1968	221.9	204.6	220.6	217.8	153.0	134.6	227.4	617.1	782.5	344.1	256.5	202.4	3,583
1969	179.5	182.0	182.7	222.5	263.5	238.1	487.9	719.7	426.6	270.4	232.3	202.8	3,608
1970	181.4	171.4	229.4	149.8	119.2	140.9	233.9	795.3	742.4	303.1	174.6	145.7	3,387
1971	119.2	111.8	120.1	153.0	99.39	159.6	424.2	649.7	782.9	284.7	169.8	151.8	3,226
1972	140.7	194.9	221.5	192.0	213.0	221.4	292.7	595.5	593.7	218.5	179.1	105.6	3,169
1973	224.8	251.9	250.3	241.5	238.1	185.8	219.8	860.6	715.0	348.0	246.9	175.5	3,958

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09261500 Big Brush Creek above cave, near Vernal, Utah

LOCATION.--Lat 40°42'15", long 109°35'45", in SE¼ sec. 30, T. 1 S., R. 21 E., on right bank at road bridge 0.25 mile (0.40 km) downstream from Government Creek, 1 mile (2 km) upstream from cave, and 17.5 miles (28.2 km) northwest of Vernal.

DRAINAGE AREA.--23 sq mi (59 km^2), approximately.

PERIOD OF RECORD.--April 1946 to June 1955.

GAGE.--Water-stage recorder. Altitude of gage is 8,360 ft (2,548 m) by barometer.

AVERAGE DISCHARGE.--8 years (1946-54), 9.90 ft^3/s (0.280 m^3/s), 7,170 acre-ft/yr (8.84 hm^3/yr).

EXTREMES.--Maximum discharge, 261 ft^3/s (7.39 m^3/s) June 3, 1952; maximum gage height, 4.22 ft (1.29 m) May 8, 1947; no flow for part of each day Nov. 8, 9, 1954.

REMARKS.--Oaks Park Canal diverts above station from Brush Creek to Ashley Creek basin. Flow regulated by Oaks Park Reservoir, capacity 6,250 acre-ft (7.71 hm^3).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1946	-	-	-	-	-	-	26.1	9.00	10.4	5.07	2.36	1.63	-
1947	1.13	.80	.65	.50	.50	.50	.77	83.6	83.4	16.9	3.53	2.78	16.3
1948	4.54	.41	.23	.2	.2	.4	2.62	41.3	33.0	8.18	5.11	2.04	8.22
1949	1.42	.87	.51	.4	.3	.35	2.25	58.6	67.0	9.77	4.48	1.91	12.4
1950	2.58	2.32	1.85	1.50	1.20	1.25	8.81	52.7	62.9	11.8	5.28	4.01	13.0
1951	2.91	0.95	0.8	0.7	0.8	0.9	1.0	33.8	11.0	4.94	3.62	2.68	5.40
1952	2.23	.65	.5	.4	.4	1.0	17.5	79.7	71.8	7.43	4.24	3.66	15.8
1953	2.74	1.54	.8	.6	.6	.7	.93	20.3	13.7	6.87	4.42	1.98	4.63
1954	.60	.43	.4	.4	.4	.4	6.20	20.5	4.84	3.57	2.12	1.49	3.48
1955	.67	.29	.2	.2	.2	.2	1.63	17.4	20.1	-	-	-	-
							Monthly and yearly runoff, in acre-feet						
1946	-	-	-	-	-	-	363	552	619	312	145	97	-
1947	70	48	40	31	28	31	46	5,140	4,960	1,040	217	165	11,820
1948	279	25	14	12	12	25	156	2,540	1,970	503	314	121	5,970
1949	87	52	31	25	17	22	134	3,610	3,990	601	276	114	8,960
1950	158	138	114	92	67	77	524	3,240	3,740	726	324	239	9,440
1951	179	56	49	43	44	55	60	2,080	657	304	223	160	3,910
1952	137	39	31	25	23	61	1,040	4,900	4,270	457	261	218	11,460
1953	168	92	49	37	33	43	56	1,250	816	423	272	118	3,360
1954	37	26	25	25	22	25	369	1,260	288	220	131	89	2,520
1955	41	17	12	12	11	12	97	1,070	1,200	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09262000 Big Brush Creek near Vernal, Utah

LOCATION.--Lat 40°34'54", long 109°26'03", in SE¼SE¼SW¼ sec.3, T.3 S., R.22 E., Uintah County, on left bank 3 miles (5 km) upstream from Little Brush Creek and 10 miles (16 km) northeast of Vernal.

DRAINAGE AREA.--82 sq mi (212 km^2), approximately.

PERIOD OF RECORD.--March 1939 to September 1973. Prior to October 1964, published as Brush Creek near Vernal.

GAGE.--Water-stage recorder and concrete control. Altitude of gage is 5,530 ft (1,686 m) from topographic map. Prior to Apr. 25, 1959, water-stage recorder at site 0.4 mile (0.6 km) downstream at different datum. Apr. 25, 1959 to Mar. 5, 1968, water-stage recorder at present site at datum 1.00 ft (0.305 m) higher.

AVERAGE DISCHARGE.--34 years, 35.5 ft^3/s (1.005 m^3/s), 25,720 acre-ft/yr (31.7 hm^3/yr).

EXTREMES.--Maximum discharge, 543 ft^3/s (15.4 m^3/s) July 12, 1962 (gage height, 4.73 ft or 1.442 m, present datum), from rating curve extended above 370 ft^3/s (10.5 m^3/s); minimum recorded, 1.6 ft^3/s (0.045 m^3/s Mar. 12, 1951.

REMARKS.--Records good except those for winter period, which are fair. Two small diversions above station for irrigation of about 80 acres (32 hm^2) lying both above and below station. Since July 1940, water from Oaks Park Reservoir on headwaters, capacity, 6,250 acre-ft (7.70 hm^3) has been diverted above station to Ashley Creek basin for irrigation through Oaks Park Canal.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1939	-	-	-	-	-	-	65.7	163	29.2	14.6	13.2	17.0	-
1940	16.7	12.7	11.4	11.4	11.3	11.8	37.6	115	20.4	14.8	12.1	12.8	24.2
1941	13.1	12.5	10.1	11.0	11.3	11.2	13.1	183	180	34.1	22.1	24.7	44.0
1942	55.4	40.8	24.0	18.0	16.7	17.4	61.2	159	192	44.3	27.1	20.5	56.5
1943	17.8	16.4	13.5	12.6	13.6	14.5	58.4	84.4	45.8	20.6	17.2	15.6	27.6
1944	14.6	13.5	13.0	12	12	13.3	15.6	170	242	57.2	28.6	23.1	51.2
1945	20.1	18.4	16.6	14.9	14.3	14.8	16.1	98.6	94.6	25.8	18.9	18.7	31.1
1946	18.3	16.5	14.4	13.0	12.2	12.8	40.2	40.4	27.1	17.7	16.3	14.1	20.3
1947	15.2	15.9	16.3	15	14.5	15.2	35.0	221	200	72.6	34.5	26.0	56.9
1948	20.2	15.8	14.0	14.0	12.9	13.1	19.3	136	89.6	31.7	26.2	21.5	34.6
1949	16.9	13.8	13.0	13	12.7	13.0	34.0	198	158	38.0	31.9	19.7	47.0
1950	30.3	19.4	17.6	16.3	15	14.4	52.5	164	186	38.5	25.4	20.2	50.1
1951	19.2	16.9	16.3	13.4	13.5	13.5	16.8	98.7	59.4	25.2	17.9	13.9	27.2
1952	15.2	13.3	11.2	9.68	10	13.2	47.3	230	158	32.4	26.8	17.6	48.8
1953	16.6	14.8	14.5	14.3	14.0	14.4	19.6	62.8	93.5	26.9	20.5	13.9	27.2
1954	14.0	14.0	12.5	12.3	12.1	13.6	35.8	82.3	25.6	19.9	14.5	14.8	22.7
1955	13.7	12.9	9.82	11	11	12.5	16.9	58.8	41.4	21.5	15.9	12.5	19.9
1956	12.0	11.0	11.0	11.0	12.0	13.7	21.7	97.7	35.2	17.6	14.8	11.9	22.6
1957	11.8	11.6	11.3	11	11.0	11.1	12.4	73.6	213	47.4	28.7	19.5	38.5
1958	16.7	13.7	11.9	10.8	12.4	13.2	17.8	161	83.7	23.2	16.3	12.6	32.9
1959	11.2	10.9	12.1	11.0	10.4	9.93	15.7	76.4	56.4	18.7	15.7	13.5	21.9
1960	12.8	9.97	9.61	9.46	9.08	10.0	21.5	43.5	40.5	15.7	15.6	10.8	17.4
1961	12.1	11.4	12.3	9.55	9.13	9.60	12.0	63.7	39.3	14.0	12.4	13.6	18.3
1962	11.4	10.9	9.55	8.40	13.1	16.9	89.2	230	145	28.1	18.6	18.7	50.2
1963	15.8	11.4	10.6	10.6	11.2	11.7	15.2	53.4	33.5	10.9	9.92	12.9	17.3
1964	11.3	9.75	9.28	9.26	10.3	9.69	12.3	105	89.1	23.6	16.3	12.9	26.6
1965	12.4	9.72	8.46	9.03	12.5	9.82	13.6	108	243	58.8	31.8	17.3	44.6
1966	18.0	20.5	15.2	13.6	13.3	14.7	51.3	165	32.8	17.3	17.4	15.3	33.1
1967	14.1	12.1	12.0	11.5	11.6	11.6	18.6	117	211	44.7	24.3	23.8	42.7
1968	19.3	14.5	12.9	13.0	12.1	13.3	18.6	91.2	255	42.2	29.5	19.0	44.9
1969	23.8	15.2	13.0	14.0	13.8	13.3	33.5	187	66.8	34.2	22.5	17.5	38.2
1970	13.9	13.7	13.3	12.0	13.3	15.0	15.9	130	223	39.9	22.4	18.4	44.2
1971	17.4	12.5	12.0	11.4	13.7	13.6	17.5	95.4	204	34.4	25.9	25.1	40.2
1972	20.1	15.1	14.8	14.3	14.9	18.2	25.6	110	63.5	20.7	20.8	17.3	29.7
1973	14.5	14.0	14.4	13.5	12.7	15.4	20.1	195	233	56.8	37.7	26.1	54.6
							Monthly and yearly runoff, in acre-feet						
1939	-	-	-	-	-	-	3,910	10,030	1,740	901	813	1,010	-
1940	1,030	756	702	700	651	728	2,240	7,110	1,210	908	742	764	17,540
1941	803	744	619	676	627	688	781	11,270	10,740	2,100	1,360	1,470	31,880
1942	3,400	2,430	1,480	1,110	928	1,070	3,640	9,810	11,430	2,730	1,660	1,220	40,910
1943	1,090	976	833	776	754	895	3,480	5,190	2,730	1,270	1,060	926	19,980
1944	897	801	797	738	690	819	926	10,460	14,410	3,520	1,760	1,370	37,190
1945	1,240	1,100	1,020	916	800	910	956	6,060	5,630	1,590	1,160	1,110	22,490
1946	1,130	980	885	799	680	787	2,390	2,490	1,610	1,090	1,000	839	14,680
1947	934	948	1,000	922	807	932	2,080	13,580	11,880	4,460	2,120	1,550	41,210
1948	1,240	938	859	861	740	807	1,150	8,330	5,330	1,950	1,610	1,280	25,100
1949	1,040	821	799	799	706	801	2,020	12,160	9,390	2,330	1,960	1,170	34,000
1950	1,860	1,160	1,080	1,000	833	887	3,120	10,110	11,090	2,370	1,560	1,200	36,270
1951	1,180	1,000	1,000	825	750	833	1,000	6,070	3,530	1,550	1,100	825	19,660
1952	936	789	686	595	575	813	2,810	14,120	9,400	1,990	1,650	1,050	35,410
1953	1,020	883	893	877	780	883	1,170	3,860	5,570	1,660	1,260	825	19,680
1954	863	833	772	758	674	837	2,130	5,060	1,520	1,220	895	879	16,440
1955	845	768	604	676	611	772	1,010	3,610	2,470	1,320	980	744	14,410
1956	736	657	676	676	688	841	1,290	6,010	2,100	1,080	912	710	16,380
1957	728	690	694	676	609	684	738	4,520	12,700	2,920	1,760	1,160	27,880
1958	1,030	815	734	662	690	811	1,060	9,900	4,980	1,430	1,000	748	25,860
1959	690	647	744	674	580	611	932	4,700	3,360	1,150	964	803	15,860
1960	787	593	591	582	522	617	1,280	2,680	2,410	968	958	640	12,630
1961	741	681	758	587	507	590	716	3,920	2,340	859	760	806	13,260
1962	701	649	587	517	726	1,040	5,310	14,160	8,650	1,730	1,140	1,110	36,320
1963	970	680	655	652	620	722	904	3,280	1,990	672	610	766	12,530
1964	692	580	570	569	594	596	732	6,440	5,300	1,450	1,000	768	19,310
1965	764	578	520	555	692	604	811	6,660	14,470	3,620	1,960	1,030	32,260
1966	1,110	1,220	936	835	738	906	3,050	10,150	1,950	1,060	1,070	912	23,940
1967	865	722	740	706	643	711	1,110	7,190	12,540	2,750	1,490	1,410	30,880
1968	1,190	861	791	801	696	815	1,110	5,610	15,170	2,600	1,810	1,130	32,580
1969	1,470	906	799	861	766	815	1,990	11,520	3,980	2,100	1,380	1,040	27,620
1970	857	817	815	738	738	922	948	7,980	13,290	2,450	1,370	1,090	32,020
1971	1,070	746	738	700	762	837	1,040	5,860	12,150	2,120	1,590	1,490	29,120
1972	1,240	901	912	881	857	1,120	1,530	6,750	3,780	1,270	1,280	1,030	21,540
1973	893	835	887	827	706	948	1,200	11,960	13,890	3,490	2,320	1,550	39,500

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09262500 Little Brush Creek below East Park Reservoir, near Vernal, Utah

LOCATION.--Lat 40°45'30", long 109°32'00", in SW¼ sec.2, T.1 S., R.21 E., on right bank 2 miles (3 km) downstream from East Park Reservoir and 20 miles (32 km) north of Vernal.

DRAINAGE AREA.--20 sq mi (52 km^2) approximately.

PERIOD OF RECORD.--July 1949 to September 1955.

AVERAGE DISCHARGE.--6 years (1949-55), 13.3 ft^3/s (0.377 m^3/s), 9,630 acre-ft/yr (11.9 hm^3/yr).

GAGE.--Water-stage recorder. Altitude of gage is 8,650 ft (2,636 m) from topographic map.

EXTREMES.--Maximum discharge, 409 ft^3/s (11.6 m^3/s) May 30, 1950 (gage height, 4.43 ft or 1.35 m); minimum recorded, 0.1 ft^3/s (0.003 m^3/s) Nov. 4, 5, 1954, but may have been less during periods of ice effect or no gage-height record.

REMARKS.--Flow regulated by East Park Reservoir. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1949	-	-	-	-	-	-	-	-	-	-	14.9	1.24	-
1950	3.28	3.41	2.16	1.80	1.50	1.60	13.2	83.0	102	14.1	15.3	2.55	20.4
1951	1.21	1.08	.9	.8	.9	1.0	1.17	60.9	39.7	22.4	3.61	1.00	11.3
1952	1.09	.75	.6	.5	.5	1.5	20.0	123	76.4	16.9	13.2	1.56	21.4
1953	.88	.72	.6	.5	.5	.6	1.10	35.2	72.6	16.8	3.67	1.32	11.2
1954	1.10	1.23	1.0	.8	.8	.8	7.87	51.6	14.8	15.6	1.39	.81	8.23
1955	.54	.45	.20	.2	.2	.2	.63	33.4	24.5	19.5	3.54	.81	7.07
						Monthly and yearly runoff, in acre-feet							
1949	-	-	-	-	-	-	-	-	-	-	917	74	-
1950	202	203	133	111	83	99	786	5,100	6,090	865	943	152	14,770
1951	75	64	55	49	50	61	69	3,750	2,360	1,370	222	60	8,180
1952	67	45	37	31	29	92	1,190	7,580	4,550	1,040	812	93	15,570
1953	54	43	37	31	28	37	65	2,160	4,320	1,030	226	79	8,110
1954	68	73	61	49	44	49	468	3,180	879	960	85	48	5,960
1955	33	27	12	12	11	12	38	2,050	1,460	1,200	218	48	5,120

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09263000 Little Brush Creek near Vernal, Utah

LOCATION.--Lat 40°42'58", long 109°30'18" in SE¼ sec.24, T.1 S., R.21 E., on right bank 0.5 mile (0.8 km) upstream from cave, 0.75 mile (1.21 km) upstream from Kane Hollow, and 17.5 miles (28.2 km) north of Vernal.

DRAINAGE AREA.--28 sq mi (72 km^2), approximately.

PERIOD OF RECORD.--October 1945 to September 1952.

GAGE.--Water-stage recorder. Altitude of gage is 8,000 ft (2,438 m) from topographic map.

AVERAGE DISCHARGE.--7 years (1945-52), 19.9 ft^3/s (0.564 m^3/s), 14,410 acre-ft/yr (17.8 hm^3/yr).

EXTREMES.--Maximum discharge, 608 ft^3/s (17.2 m^3/s) May 30, 1950 (gage height, 3.71 ft or 1.13 m); minimum recorded, 0.1 ft^3/s (0.003 m^3/s) Sept. 18, 1951.

REMARKS.--Flow regulated by East Park Reservoir. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1946	4.25	2.21	1.50	1.2	1.0	1.0	10.2	32.2	16.7	12.9	6.72	1.14	7.64
1947	1.58	.93	.75	.6	.5	.5	3.17	182	103	26.1	9.85	8.07	28.4
1948	1.48	1.39	.76	.6	.6	.8	4.67	115	32.8	8.49	6.95	3.88	14.9
1949	1.83	.62	.5	.5	.47	.45	9.24	141	66.6	11.0	13.6	1.19	20.7
1950	3.84	3.78	1.12	1.9	1.8	1.85	17.3	132	128	17.3	15.4	2.74	27.3
1951	1.25	1.45	1.4	1.0	1.2	1.4	1.60	71.1	42.5	25.6	3.58	.84	17.8
1952	1.18	.85	.7	.6	.6	2.0	24.4	161	88.7	17.5	12.6	1.09	26.1
							Monthly and yearly runoff, in acre-feet						
1946	261	132	92	74	56	61	607	1,980	993	791	413	68	5,530
1947	97	56	46	37	28	31	188	11,210	6,130	1,610	606	516	20,560
1948	91	83	47	37	35	49	278	7,070	1,950	522	428	231	10,820
1949	112	37	31	31	26	28	550	8,660	3,960	676	835	71	15,020
1950	236	225	69	117	100	114	1,030	8,090	7,600	1,070	949	164	19,760
1951	77	86	86	61	67	86	95	4,370	2,530	1,570	220	50	9,300
1952	73	51	43	37	35	123	1,450	9,910	5,280	1,080	775	65	18,920

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09263500 Brush Creek near Jensen, Utah

LOCATION.--Lat 40°24'31", long 109°20'25", in SW¼ sec. 4, T. 5 S., R. 23 E., on right bank 280 ft (85 m) upstream from bridge on State Highway 149, about 2,000 ft (610 m) upstream from mouth and 2.75 miles (4.42 km) north of Jensen.

DRAINAGE AREA.--255 sq mi (660 km^2).

PERIOD OF RECORD.--April 1939 to September 1965.

GAGE.--Digital water-stage recorder. Altitude of gage is 4,730 ft (1,442 m) from river-profile map. Prior to Nov. 24, 1947, staff gages at three sites within 80 ft (24 m) upstream at different datums. Nov. 24, 1947, to Oct. 20, 1954, graphic water-stage recorder at site 15 ft (4.6 m) upstream at different datum. Oct. 21, 1954, to Dec. 2, 1964, graphic water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--26 years, 18.5 ft^3/s (0.524 m^3/s), 13,390 acre-ft/yr (16.5 hm^3/yr).

EXTREMES.--Maximum discharge observed, 900 ft^3/s (25.5 m^3/s) Aug. 17, 1941 (gage height, 5.50 ft (1.68 m), datum then in use), from rating curve extended above 150 ft^3/s (4.25 m^3/s); no flow for many days in some years.

REMARKS.--Records good except those for periods of ice effect or no gage-height record, which are fair. Many diversions above station for irrigation.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1939	-	-	-	-	-	-	-	90.4	0.2	0	0	2.1	-
1940	0.6	1.0	1.0	1.0	2.0	1.8	5.3	47.4	.4	0	.1	0	5.1
1941	0	6.4	13.0	14.0	18.0	7.9	4.4	123	118	.5	21.0	21.9	29.0
1942	56.4	41.0	30.0	25.0	23.7	26.1	85.4	104	111	40	.4	.2	42.2
1943	.2	12.8	25.7	22	23.9	18.3	25.8	11.0	27.7	0	2.0	1.9	14.2
1944	3.70	1.99	14.7	15	14	20.3	18.2	201	200	12.0	.53	.44	41.8
1945	1.09	7.08	16	16	16.5	11.4	4.92	51.9	60.7	.36	1.03	1.00	15.6
1946	5.29	11.4	14.4	13	12.2	13.2	24.1	1.15	.44	.33	1.28	.12	8.03
1947	9.26	13.7	19.5	20	20	20.7	17.8	154	174	26.7	18.8	3.58	41.5
1948	2.95	9.45	15.8	15.4	18.2	22.0	20.0	61.2	28.8	2.44	2.29	.16	16.6
1949	3.68	5.03	11	14	16.4	22.5	21.9	118	97.6	.93	.30	1.48	26.1
1950	12.8	11.3	14.6	13.0	11.0	18.0	62.9	117	113	.92	.58	2.50	31.4
1951	2.02	9.00	16.1	14	15	10.4	0.51	43.9	12.7	0.26	1.15	1.05	10.5
1952	3.73	9.29	15.4	13.4	14	22.4	98.9	188	92.1	.67	.56	.57	38.2
1953	1.65	7.62	16.5	16.7	16.6	20.0	1.15	16.4	28.7	.4	.48	.61	10.5
1954	.89	10.8	14.5	14.3	10.3	6.40	3.19	21.1	1.03	.16	.19	1.55	7.04
1955	5.61	2.82	11.7	13	14	18.8	5.98	5.52	.46	.30	.61	.27	6.57
1956	.34	5.21	11.6	12.8	12.6	16.0	.50	20.5	.27	.18	.09	.08	6.71
1957	.20	3.81	12.0	12	14.6	12.1	2.51	8.10	136	4.21	1.47	.38	17.1
1958	4.05	12.6	12.5	14.5	17.3	9.31	7.04	65.2	22.5	.24	.15	.30	13.8
1959	1.40	2.39	7.89	9.40	14.1	3.95	.38	.67	.62	.16	1.92	4.85	3.92
1960	4.79	3.88	9.4	10.3	9.8	15.7	3.12	2.80	.72	.09	5.84	.24	5.57
1961	3.29	4.21	10.1	15	13.4	4.14	.64	6.51	1.82	.19	.24	11.8	5.90
1962	18.7	10.3	11.7	9.76	38.2	70.4	113	169	69.6	.50	.21	1.78	42.7
1963	2.41	3.23	7.71	12.4	15.0	4.03	.60	1.93	.51	.28	.11	.22	3.98
1964	.37	.60	10.0	11.2	12.0	9.29	1.46	46.4	32.1	.39	.58	.31	10.4
1965	.20	4.81	12.8	13.4	13.2	14.2	13.2	48.0	178	15.0	3.31	10.5	27.1
						Monthly and yearly runoff, in acre-feet							
1939	-	-	-	-	-	-	-	5,560	10	0	0	123	-
1940	38	60	61	61	115	111	315	2,920	26	0	6	0	3,710
1941	0	381	799	861	1,000	488	262	7,570	7,030	32	1,290	1,300	21,010
1942	3,470	2,440	1,840	1,540	1,320	1,610	5,080	6,370	6,630	246	26	14	30,590
1943	14	762	1,580	1,350	1,330	1,120	1,540	678	1,650	0	125	111	10,260
1944	227	118	906	922	805	1,250	1,090	12,330	11,910	739	33	26	30,360
1945	67	421	984	984	916	699	293	3,190	3,610	22	63	60	11,310
1946	325	676	885	799	680	810	1,430	71	26	20	79	7.3	5,810
1947	569	812	1,200	1,230	1,110	1,280	1,060	9,460	10,350	1,640	1,160	213	30,080
1948	182	563	972	944	1,050	1,350	1,190	3,770	1,710	150	141	9.7	12,030
1949	226	300	676	863	910	1,390	1,300	7,230	5,810	57	18	88	18,870
1950	790	670	900	799	611	1,110	3,740	7,190	6,710	57	36	149	22,760
1951	124	536	992	861	833	642	30	2,700	757	16	70	62	7,620
1952	229	553	946	821	805	1,380	5,880	11,530	5,480	41	34	34	27,730
1953	101	453	1,020	1,030	920	1,230	68	1,010	1,710	25	29	36	7,630
1954	55	641	893	879	575	393	190	1,300	61	9.9	12	92	5,100
1955	345	168	718	799	778	1,150	356	340	27	19	37	16	4,750
1956	21	310	716	789	724	982	30	1,260	16	11	5.8	4.8	4,870
1957	12	227	740	738	811	747	150	497	8,080	259	90	23	12,370
1958	249	750	767	889	962	572	419	4,010	1,340	15	9.1	18	10,000
1959	86	142	485	578	785	243	22	41	37	9.7	118	289	2,840
1960	295	231	575	635	561	965	185	172	43	5.6	359	14	4,040
1961	202	250	623	922	746	254	38	400	108	12	14	703	4,270
1962	1,150	611	720	600	2,120	4,330	6,730	10,370	4,140	31	13	106	30,910
1963	148	192	474	762	834	248	36	119	30	17	6.7	13	2,880
1964	23	36	617	690	690	571	87	2,850	1,910	24	36	19	7,560
1965	12	286	789	823	732	875	785	2,950	10,600	921	204	622	19,600

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09264000 Ashley Creek below Trout Creek, near Vernal, Utah

LOCATION.--Lat 40°44'00", long 109°40'40", in NE¼ sec.16, T.1 S., R.20 E., on right bank 1,000 ft (305 m) downstream from Trout Creek, 3 miles (5 km) upstream from South Fork, and 21 miles (34 km) northwest of Vernal.

DRAINAGE AREA.--27 sq mi (70 km^2), approximately.

PERIOD OF RECORD.--October 1943 to September 1954.

GAGE.--Water-stage recorder. Altitude of gage is 9,200 ft (2,804 m) from topographic map.

AVERAGE DISCHARGE.--11 years (1943-54), 24.1 ft^3/s (0.682 m^3/s), 17,450 acre-ft/yr (21.5 hm^3/yr).

EXTREMES.--Maximum discharge, 630 ft^3/s (17.8 m^3/s) May 19, 1948 (gage height, 3.67 ft or 1.119 m); minimum observed, 1.2 ft^3/s (0.034 m^3/s) Feb. 24, 1950 (discharge measurement), but may have been less during periods of ice effect or no gage-height record.

REMARKS.--Flow slightly regulated by Long Park Reservoir. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1944	3.03	2	2	1.5	1.5	1	2	129	243	38.4	11.7	3.42	36.4
1945	2.61	1.4	1.2	1.1	1.0	1.0	1.5	88.8	84.6	18.6	8.84	7.54	18.3
1946	7.16	2.62	1.7	1.5	1.4	1.3	27.5	45.3	21.6	13.5	6.67	3.83	11.2
1947	4.68	3.70	3.19	2.5	2.0	2.0	5.83	206	118	35.9	14.7	6.34	34.0
1948	4.74	4.17	3.59	3.0	2.5	2.5	3.18	153	64.2	15.0	5.44	2.62	22.1
1949	2.48	2.2	1.90	1.24	1.0	1.34	18.8	141	156	26.0	10.0	4.09	30.6
1950	5.20	4.40	2.74	2.0	1.5	2.0	3.46	97.3	136	34.1	9.71	6.11	25.4
1951	4.09	3.13	2.80	2.5	2.3	2.1	2.4	77.4	66.0	20.5	15.4	8.48	17.4
1952	5.57	4.68	4.0	3.35	3.2	3.0	35.5	179	139	29.3	32.4	11.4	37.6
1953	5.48	2.93	2.6	2.5	2.4	2.3	2.75	44.8	105	18.9	6.94	3.38	16.7
1954	2.45	2.6	2.6	2.5	2.4	2.3	12.0	106	29.3	9.85	4.94	3.72	15.2
							Monthly and yearly runoff, in acre-feet						
1944	186	119	123	92	86	61	119	7,900	14,470	2,360	719	203	26,440
1945	160	83	74	68	56	61	89	5,460	5,040	1,140	543	448	13,220
1946	441	156	105	92	78	80	1,640	2,780	1,290	828	410	228	8,130
1947	288	220	196	154	111	123	347	12,690	7,000	2,210	905	377	24,620
1948	292	248	221	184	144	154	189	9,410	3,820	922	335	156	16,080
1949	152	131	117	76	56	82	1,120	8,640	9,290	1,600	613	244	22,120
1950	320	262	169	123	83	123	206	5,980	8,070	2,090	597	364	18,390
1951	251	186	172	154	128	129	143	4,760	3,930	1,260	948	505	12,570
1952	343	279	246	206	184	184	2,110	11,030	8,270	1,800	1,990	676	27,320
1953	337	175	160	154	133	141	164	2,760	6,270	1,160	427	201	12,080
1954	151	155	160	154	133	141	716	6,500	1,740	606	304	222	10,980

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09264500 South Fork Ashley Creek near Vernal, Utah

LOCATION.--Lat 40°44'00", long 109°42'10", in NE¼ sec.17, T.1 S., R.20 E., on right bank at lower end of Hicks Park, 3.25 miles (5.23 km) upstream from mouth and 21 miles (34 km) southwest of Vernal.

DRAINAGE AREA.--20 sq mi (52 km^2), approximately.

PERIOD OF RECORD.--October 143 to September 1955.

GAGE.--Water-stage recoder. Altitude of gage is 9,360 ft (3,853 m) by barometer.

AVERAGE DISCHARGE.--12 years (1943-55), 19.9 ft^3/s (0.564 m^3/s), 14,410 acre-ft/yr (17.8 hm^3/yr).

EXTREMES.--Maximum discharge, 460 ft^3/s (13.0 m^3/s) June 18, 1949 (gage height, 3.84 ft or 1.170 m); minimum observed, 0.8 ft^3/s (0.023 m^3/s) Feb. 23, 1950 (discharge measurement), but may have been less during periods of ice effect or no gage-height record.

REMARKS.--Flow slightly regulated at headwaters by Twin and Goose Lake Reservoirs, capacity, 500 acre-ft (0.617 hm^3). No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1944	2.72	2	2	1.5	1.5	1	2	75.5	175	51.5	13.5	4.30	27.7
1945	2.98	1.5	1.4	1.3	1.2	1.2	1.7	61.4	72.6	31.8	15.8	7.26	16.8
1946	5.72	3.63	2.50	2.20	2.10	1.90	5.50	37.3	27.3	6.81	7.72	5.96	9.09
1947	6.85	4.83	4.15	3.7	3.5	3.5	6.37	129	109	45.1	17.5	9.20	28.7
1948	5.24	3.80	3.23	2.8	2.5	2.5	2.89	97.3	56.7	12.5	6.48	3.28	16.7
1949	3.18	2.55	2.04	1.70	1.6	1.87	10.7	77.4	138	29.8	13.5	4.59	24.0
1950	5.12	4.08	2.24	1.5	1.0	1.5	3.62	76.0	128	41.8	11.0	7.7	23.6
1951	3.79	2.81	2.5	2.2	2.0	1.8	2.0	74.6	75.9	19.1	25.5	11.8	18.8
1952	7.24	4.20	3.5	2.65	2.6	2.4	21.2	112	129	27.4	41.1	13.0	30.6
1953	4.28	2.69	2.5	2.4	2.3	2.2	2.65	38.5	104	15.6	7.37	3.57	15.7
1954	2.72	2.5	2.50	2.4	2.3	2.2	8.65	80.9	24.7	15.5	14.5	5.56	13.8
1955	3.78	2.09	1.38	1.1	1.0	1.0	1.33	65.0	44.8	10.1	17.8	7.32	13.2
						Monthly and yearly runoff, in acre-feet							
1944	167	119	123	92	86	61	119	4,650	10,420	3,170	827	256	20,090
1945	183	89	86	80	67	74	101	3,770	4,320	1,960	972	432	12,130
1946	352	216	154	135	117	117	327	2,290	1,630	419	475	354	6,590
1947	421	288	255	228	194	215	379	7,930	6,470	2,770	1,080	557	20,790
1948	322	226	198	172	144	154	172	5,980	3,370	766	398	195	12,100
1949	195	152	126	104	89	115	635	4,760	8,230	1,830	833	273	17,340
1950	315	243	138	92	56	92	215	4,670	7,590	2,570	675	457	17,110
1951	233	167	154	135	111	111	119	4,590	4,520	1,180	1,570	705	13,600
1952	445	250	215	163	150	148	1,260	6,870	7,700	1,680	2,520	773	22,170
1953	263	160	154	148	128	135	158	2,370	6,200	958	453	212	11,340
1954	167	149	154	148	128	135	515	4,980	1,470	953	894	331	10,020
1955	233	124	85	68	56	61	79	4,000	2,670	622	1,090	436	9,520

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09265000 Oaks Park Canal near Vernal, Utah

LOCATION.--Lat 40°44'36", long 109°37'18", in NE¼SW¼SE¼ sec.12, T.1 S., R.20 E., Uintah County, Ashley National Forest, on left bank 1,000 ft (305 m) downstream from Oaks Park Dam and 200 ft (61 m) downstream from point of diversion from Big Brush Creek.

PERIOD OF RECORD.-- January 1946 to June 1969.

GAGE.--Water-stage recorder. Altitude of gage is 9,220 ft (2,810 m) from topographic map.

EXTREMES.--Maximum daily discharge during period January 1946 to June 1969, 61 ft^3/s (1.73 m^3/s) July 25, 1951; no flow for most of each year.

REMARKS.--Records good. Canal is complete regulated by Oaks Park Reservoir, capacity, 6,250 acre-ft (7.71 hm^3), which diverts water from Big Brush Creek for irrigation in Ashley Creek basin.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1961	0.01	0	0	0	0	0	0	0	0.17	33.2	22.4	9.17	5.49
1962	1.61	0	0	0	0	0	0	0	0	5.41	31.6	40.5	6.61
1963	6.32	0	0	0	0	0	0	0	0	27.4	12.2	.44	3.94
1964	8.53	.10	0	0	0	0	0	0	0	25.2	18.2	28.3	6.74
1965	18.1	.007	0	0	0	0	0	0	0	0	0	5.32	1.97
1966	1.09	11.0	0	0	0	0	0	0	1.77	40.8	24.0	14.8	7.86
1967	.36	0	0	0	0	0	0	0	0	1.82	29.1	7.22	3.25
1968	20.2	0	0	0	0	0	0	0	0	12.2	4.19	12.1	4.10
1969	22.7	0	0	0	0	0	0	0	0	0	0	0	-
							Monthly and yearly diversion, in acre-feet						
1946	-	-	-	0	0	0	0	88	1,880	1,700	247	172	-
1947	58	0	0	0	0	0	0	70	75	1,230	1,200	1,100	3,730
1948	1,270	0	0	0	0	0	0	32	244	2,050	2,370	778	6,740
1949	157	0	0	0	0	0	0	0	176	1,300	2,540	1,040	5,210
1950	340	0	0	0	0	0	0	0	0	579	2,570	1,250	4,740
1951	747	24	0	0	0	0	0	0	0	2,230	1,120	585	4,710
1952	568	20	0	0	0	0	0	0	27	1,880	506	734	3,740
1953	1,310	405	0	0	0	0	0	0	29	2,520	2,640	502	7,410
1954	7.9	0	0	0	0	0	0	0	972	2,140	693	333	4,150
1955	19	0	0	0	0	0	0	0	162	1,870	224	56	2,330
1956	0	0	0	0	0	0	0	0	5.0	2,320	1,540	559	4,420
1957	0	0	0	0	0	0	0	0	0	960	1,690	728	3,380
1958	797	.4	0	0	0	0	0	0	22	2,000	1,770	536	5,130
1959	348	0	0	0	0	0	0	0	351	1,130	593	567	2,990
1960	253	6.0	0	0	0	0	0	0	91	1,910	692	0	2,950
1961	.6	0	0	0	0	0	0	0	10	2,040	1,380	546	3,980
1962	99	0	0	0	0	0	0	0	0	333	1,940	2,410	4,790
1963	389	0	0	0	0	0	0	0	0	1,690	749	26	2,850
1964	524	6.2	0	0	0	0	0	0	0	1,550	1,120	1,690	4,890
1965	1,110	.4	0	0	0	0	0	0	0	0	0	316	1,430
1966	67	653	0	0	0	0	0	0	105	2,510	1,480	879	5,690
1967	22	0	0	0	0	0	0	0	0	112	1,790	430	2,350
1968	1,240	0	0	0	0	0	0	0	0	753	258	722	2,980
1969	1,390	0	0	0	0	0	0	0	0	0	0	0	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09265300 Ashley Creek above Red Pine Creek, near Vernal, Utah

LOCATION.--Lat 40°40'47", long 109°39'37", in NE¼ sec 3, T 2 S , R 20 E., Uintah County, Ashley National Forest, on right bank 0.2 mile (0.3 km) upstream from Cow Hollow, and 17 miles (27 km) north-northwest of Vernal.

DRAINAGE AREA.--55.8 sq mi (144.5 km^2).

PERIOD OF RECORD.--October 1964 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 7,870.03 ft (2,398.785 m) above mean sea level (levels by Bureau of Reclamation).

AVERAGE DISCHARGE.--9 years, 69.1 ft^3/s (1.957 m^3/s), 50,060 acre-ft/yr (61.7 hm^3/yr).

EXTREMES.--Maximum discharge, about 7,400 ft^3/s (210 m^3/s) June 10, 1965 (gage height, 12.13 ft or 3.697 m, from floodmarks), from rating curve extended above 420 ft^3/s (11.9 m^3/s) on basis of an estimate at peak flow based on a field survey; minimum recorded, about 0.80 ft^3/s (0.023 m^3/s) Apr. 22, 1968, result of freezeup.

REMARKS.--Records good except those for period of no gage-height record, which are poor. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1965	8.37	7.33	6.00	5.00	4.00	3.00	3.33	180	603	171	118	60.1	97.4
1966	34.7	14.4	9.85	7.32	5.96	4.75	18.2	281	90.5	38.6	23.7	12.9	45.6
1967	11.7	7.23	6.84	5.73	5.07	4.64	6.21	253	461	155	37.0	30.3	82.1
1968	12.6	6.47	4.53	4.16	4.79	5.04	4.88	80.9	574	87.8	71.1	33.4	73.7
1969	12.8	8.49	6.63	6.16	5.59	4.51	15.4	368	160	63.6	23.4	17.8	58.2
1970	11.8	8.62	6.35	5.83	4.95	4.37	6.80	276	357	89.1	31.4	25.2	69.2
1971	11.6	7.78	6.84	5.37	4.75	4.62	9.86	176	328	76.4	20.8	13.2	55.5
1972	12.5	11.0	7.67	6.49	4.76	9.49	19.2	270	212	51.4	16.0	15.0	53.1
1973	24.9	18.7	11.3	8.88	7.65	7.03	8.31	346	429	95.3	50.7	37.9	87.4
							Monthly and yearly runoff, in acre-feet						
1965	515	436	369	307	222	184	198	11,080	35,860	10,500	7,280	3,580	70,520
1966	2,140	857	605	450	331	292	1,090	17,250	5,380	2,370	1,460	770	32,990
1967	718	430	421	352	282	285	370	15,550	27,440	9,530	2,280	1,800	59,450
1968	775	385	278	256	275	310	291	4,980	34,170	5,400	4,370	1,990	53,470
1969	785	505	408	379	310	277	917	22,630	9,520	3,910	1,440	1,060	42,130
1970	726	513	391	358	275	269	405	16,980	21,240	5,480	1,930	1,500	50,070
1971	710	463	421	330	264	284	587	10,840	19,540	4,700	1,280	783	40,200
1972	768	655	472	399	274	584	1,150	16,600	12,620	3,160	984	894	38,560
1973	1,530	1,110	694	546	425	432	494	21,260	25,540	5,860	3,120	2,250	63,270

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09265500 Ashley Creek above springs, near Vernal, Utah

LOCATION.--Lat 40°35'20", long 109°37'20", in NW¼SE¼ sec. 1, T. 3 S., R. 20 E., 1,000 ft (305 m) upstream from Ashley Creek Springs, 5 miles (8 km) upstream from Dry Fork, and 10.5 miles (16.9 km) northwest of Vernal.

DRAINAGE AREA.--100 sq mi (259 km^2), approximately.

GAGE.--Water-stage recorder. Altitude of gage is 6,300 ft (1,920 m) from river-profile map.

EXTREMES.--1941-45: Maximum discharge, 1,400 ft^3/s (39.6 m^3/s) May 13, 1941 (gage height, 4.50 ft or 1.371 m), from rating curve extended above 860 ft^3/s (24.4 m^3/s); maximum stage, 4.52 ft (1.378 m) May 30, 1944; minimum discharge recorded, 1.0 ft^3/s (0.028 m^3/s) several times during March 1945, but may have been less during period of ice effect.

REMARKS.--Flow is increased by water released from Oaks Park Reservoir, capacity, 6,250 acre-ft (7.71 hm^3) on Brush Creek and diverted to Ashley Creek basin for irrigation. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly discharge, in cubic feet per second							
1941	-	-	-	-	-	-	-	-	315	90.4	58.6	63.5	-
1942	98.1	45.1	18.2	9.0	6.5	6.4	57.3	270	343	76.4	57.4	42.7	85.6
1943	19.7	6.3	4.0	3	2	2.7	99.0	183	102	80.2	42.4	25.1	47.7
1944	8.04	5.15	3.85	3	2	1.85	3.58	327	542	118	71.6	33.0	93.2
1945	10.2	3.68	2.66	2	1.5	1.29	1.54	177	187	78.6	51.9	43.4	47.0
						Monthly and yearly runoff, in acre-feet							
1941	-	-	-	-	-	-	-	-	18,750	5,560	3,610	3,780	-
1942	6,030	2,690	1,120	551	363	391	3,410	16,620	20,410	4,700	3,160	2,540	61,980
1943	1,210	377	244	184	111	165	5,890	11,240	6,080	4,930	2,600	1,490	34,520
1944	494	307	237	184	115	113	213	20,090	32,230	7,280	4,400	1,960	67,620
1945	629	219	164	123	83	79	91	10,880	11,130	4,840	3,190	2,580	34,010

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09266000 Ashley Creek Spring near Vernal, Utah

LOCATION.--Lat 40°35'10", long 109°37'20", in NW¼SE¼ sec.1, T.3 S., R.20 E., 350 ft (107 m) upstream from Ashley Creek and 10.25 miles (16.49 km) northwest of Vernal.

GAGE.--Water-stage recorder. Altitude of gage is 6,300 ft (1,920 m) from topographic map

EXTREMES.--1943-45: Maximum discharge, 49 ft^3/s (1.39 m^3/s) June 1-7, 1944 (gage height, 0.98 ft or 0.029 m); minimum, 15 ft^3/s (0.425 m^3/s) on many days January to April 1944.

REMARKS.--This spring is the largest spring in the Ashley Creek spring area. Total flow of springs in this area may be obtained by subtracting the flow for Ashley Creek above springs, near Vernal, from the flow for Ashley Creek near Vernal. Pipeline for city of Vernal, capacity, approximately 5 ft^3/s (0.142 m^3/s) diverts from spring immediately upstream from gage.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1944	24.3	21.9	19.3	16.5	15.3	15.1	16.7	37.9	47.3	45.0	42.1	32.4	27.9
1945	27.4	25.1	20.8	19.2	18.0	18.0	19.2	40.5	42.9	41.9	38.9	36.7	29.1
						Monthly and yearly runoff, in acre-feet							
1944	1,490	1,300	1,180	1,010	883	928	996	2,330	2,810	2,770	2,590	1,930	20,220
1945	1,690	1,490	1,280	1,180	1,000	1,100	1,140	2,490	2,550	2,570	2,390	2,180	21,060

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09266500 Ashley Creek near Vernal, Utah

LOCATION.--Lat 40°34'39", long 109°37'17", in NE¼NW¼NE¼ sec. 12, T 13 S., R.20 E., Uintah County, on right bank 0.8 mile (1.3 km) upstream from head of Utah Power & Light Co.'s canal, 4.5 miles (7.2 km) upstream from Dry Fork, and 10 miles (16 km) northwest of Vernal.

DRAINAGE AREA.--101 sq mi (262 km^2).

PERIOD OF RECORD.--October 1911 to April 1912, August to December 1912, October 1913 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 6,230.61 ft (1,899.090 m) above mean sea level, adjustment of 1927. Prior to Nov. 13, 1917, nonrecording and water-stage recorder at several sites within 1.5 miles (2.4 km) of present site at various datums. Nov. 14, 1917 to July 15, 1965, water-stage recorder at site 75 ft (23 m) downstream at various datums. July 15, 1965 to July 30, 1968, water-stage recorder at site 75 ft (23 m) downstream at datum 0.09 ft (0.027 m) higher.

AVERAGE DISCHARGE.--60 years (1913-73), 102 ft^3/s (2.889 m^3/s), 73,900 acre-ft/yr (91.1 hm^3/yr).

EXTREMES.--Maximum discharge, about 3,500 ft^3/s (99.1 m^3/s) June 11, 1965, from rating table extended above 1,060 ft^3/s (30.1 m^3/s); maximum gage height, 6.09 ft (1.856 m) June 16, 1929; present datum, minimum discharge recorded, 7.8 ft^3/s (0.22 m^3/s) Apr. 1, 2, 1971.

REMARKS.--Records good. Flow increased since July 1940 by water released from Oaks Park Reservoir (capacity, 6,250 acre-ft or 7.71 hm^3) on Big Brush Creek and diverted to Ashley Creek basin for irrigation. City of Vernal pipeline (capacity, approximatley 11 ft^3/s or 0.31 m^3/s) diverts water from tributary spring about 1,000 ft (305 m) above station (diversion began Aug. 1, 1941); at times, part of this flow is returned to Ashley Creek 2.5 miles (4.0 km) below station. Prior to September 1961, pipeline capacity was approximately 5 ft^3/s (0.14 m^3/s) and the return flow entered Ashley Creek 0.5 mile (0.8 km) below station.

Water year	Oct.	Nov.	Dec	Jan.	Feb.	Mar	Apr.	May	June	July	Aug	Sept	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1912	92.2	57.9	44.7	35.5	31.3	30.4	36.3	-	-	-	63.0	56.0	-
1913	54.0	61.2	42.4	-	-	-	-	-	-	-	-	-	-
1914	68.3	53.8	39.0	30.9	34.2	37.4	55.5	639	395	137	159	80.7	145
1915	79	65	44	37	33	30	109	401	403	137	83.5	88.0	126
1916	82.4	57.8	44.7	38.5	34.0	43.3	114	376	281	114	85.8	60.3	111
1917	85.8	61.0	43.4	35.6	30.0	30.0	36.9	407	798	236	120	95.3	165
1918	86.2	75.6	55.3	43.9	39.6	37.4	47.1	246	192	87.8	81.3	62.2	88.1
1919	75	55	40	35	30	30	75	225	115	63.2	49.3	49.4	70
1920	63.3	42.9	31.1	32.7	29.3	28.2	29.7	493	503	112	76.2	65.2	126
1921	56.4	55.8	44.9	37.8	33.2	33.6	45.3	534	907	172	108	107	178
1922	79.4	59.5	47.4	41.9	37.8	36.2	43.5	541	846	159	113	93.9	175
1923	75.4	62.9	52.1	44.3	39.3	35.5	47.0	496	490	182	88.5	54.6	140
1924	61.4	49.0	41.9	36.8	35.7	34.5	48.8	308	159	76.7	46.8	40.7	78.5
1925	38.7	35.5	32.7	30.2	30.4	29.9	57.0	231	198	110	82.2	90.4	80.7
1926	109	78.5	52.1	38.5	31.8	30.3	142	340	152	97.1	78.2	50.5	100
1927	44.3	35.7	31.8	27.4	26.8	25.7	42.3	424	284	148	104	230	119
1928	114	91.8	55	45	40	35	70	550	215	104	74.7	47.4	121
1929	50.4	47.1	34.2	37.4	32.4	29.3	42.0	444	528	151	106	106	134
1930	91.4	68.4	50	45	37	35	109	388	256	103	113	94.2	116
1931	88.5	57.3	46	40	34	33	45	151	92.3	46.1	38.1	32.1	58.8
1932	32.3	31.9	30	29	29	28	33.9	398	307	136	90.7	73.5	102
1933	59.8	40.0	27.9	25.0	23.9	21.7	23.1	152	259	75.4	55.4	36.8	66.8
1934	28.9	24.7	21.0	21	20	20	63.8	127	59.1	39.6	49.4	61.8	43.2
1935	34.4	32.8	28.6	26.3	25.8	25.6	29.3	191	456	107	65.0	39.3	88.4
1936	31.3	27.7	23.2	19.4	18.6	17.8	36.1	186	113	69.7	77.4	67.5	57.4
1937	54.2	41.3	26.9	22.6	18.1	18.1	37.7	512	262	142	92.7	65.1	109
1938	49.1	34.9	26.3	23.2	21.2	21.0	40.3	331	411	145	90.1	80.5	106
1939	108	81.2	53.9	40.2	34.8	33.9	128	288	122	70.0	47.0	89.7	91.8
1940	91.2	58.3	35.1	26.4	23.4	23.6	77.9	284	116	66.6	35.4	50.1	74.3
1941	78.0	56.1	37.1	30.8	28.8	27.5	27.4	491	374	151	106	114	127
1942	154	104	64.2	41.8	32.6	29.3	101	365	425	155	113	83.3	139
1943	51.2	32.1	25.8	21.3	18.4	17.7	147	270	177	136	93.6	54.6	87.4
1944	35.9	29.3	24.6	21.6	18.5	17.7	20.5	375	606	197	134	69.7	129
1945	41.5	33.2	26.3	22.8	20.2	19.7	21.6	250	260	138	109	88.9	86.4
1946	61.1	36.4	26.4	22.0	20.7	18.7	108	156	134	81.4	53.7	63.8	65.3
1947	55.5	48.7	39.0	31.4	26.2	26.3	63.0	514	337	173	114	90.2	127
1948	71.3	43.5	34.5	27.9	23.0	20.7	32.0	407	215	116	84.9	39.9	93.4
1949	29.7	23.0	18.9	16.6	16.0	15.6	41.9	442	399	144	117	62.0	111
1950	51.9	41.1	28.9	26.9	22.7	22.6	94.8	409	378	166	120	82.0	121
1951	53.5	34.0	28.8	25.6	20.7	18.7	19.7	259	203	133	105	79.5	82.3
1952	63.2	38.2	30.8	28.9	25.6	23.3	70.0	590	390	169	161	97.8	141
1953	70.5	45.0	34.4	28.7	25.0	22.8	30.7	155	290	133	87.7	38.1	80.2
1954	30.2	28.8	28.0	25.5	20.5	18.3	64.9	305	137	113	63.6	44.0	73.7
1955	39.1	30.3	24.5	20.9	18.6	17.3	21.1	259	176	101	64.0	44.7	68.4
1956	34.4	28.6	25.1	22.0	20.2	19.5	35.1	383	177	119	61.1	34.4	80.4
1957	22.7	25.0	20.4	17.9	16.9	16.0	15.7	111	548	165	127	96.6	98.3
1958	55.7	38.2	30.1	28.0	25.1	22.2	34.7	430	199	122	72.7	40.1	92.1
1959	25.9	24.5	23.1	16.6	16.1	16.9	17.8	179	177	90.8	57.4	41.2	57.5
1960	34.2	25.2	17.5	14.9	13.3	13.8	59.4	219	163	92.4	36.1	20.6	59.3
1961	24.8	22.3	20.1	15.2	12.7	11.6	14.9	252	226	112	74.0	96.7	73.9
1962	99.5	72.1	52.1	35.0	28.3	28.6	162	469	394	155	110	72.3	140
1963	43.1	23.2	18.2	12.6	10.3	11.2	14.1	251	124	82.6	43.5	44.6	56.9
1964	35.4	20.7	16.2	13.3	11.9	11.5	11.4	339	292	123	73.3	55.7	83.9
1965	39.8	20.9	14.8	13.4	11.2	11.0	13.5	234	658	190	138	105	121
1966	77.0	41.6	24.8	17.5	13.3	12.2	61.5	383	135	101	62.8	42.4	81.7
1967	27.6	20.5	18.9	15.2	12.0	12.0	18.4	363	523	186	110	61.8	114
1968	53.8	23.4	14.7	12.8	13.8	13.8	14.0	146	754	141	115	80.1	115
1969	55.0	25.3	15.5	13.8	12.9	11.4	32.2	543	231	138	100	67.7	105
1970	35.8	25.8	21.4	17.2	14.4	12.8	14.8	361	430	159	94.7	72.6	105
1971	43.7	19.8	16.7	13.2	11.5	10.3	16.8	262	411	141	77.7	60.9	90.7
1972	34.8	33.6	27.9	24.4	21.6	22.8	37.5	368	272	122	62.3	56.4	90.5
1973	51.9	45.7	28.3	21.3	18.3	16.5	19.3	537	551	164	117	96.3	139

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09266500 Ashley Creek near Vernal, Utah--Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Year
						Monthly and yearly runoff, in acre-feet							
1912	5,670	3,450	2,750	2,180	1,800	1,870	2,160	-	-	-	3,870	3,330	-
1913	3,320	3,640	2,610	-	-	-	-	-	-	-	-	-	-
1914	4,200	3,200	2,400	1,900	1,900	2,300	3,300	39,300	23,500	8,400	9,800	4,800	105,000
1915	4,860	3,870	2,710	2,280	1,830	1,840	6,490	24,600	24,000	8,420	5,130	5,240	91,300
1916	5,070	3,440	2,750	2,370	1,950	2,660	6,780	23,100	16,700	7,010	5,280	3,590	80,700
1917	5,280	3,630	2,670	2,190	1,670	1,840	2,200	25,000	47,500	14,500	7,380	5,670	120,000
1918	5,300	4,500	3,400	2,700	2,200	2,300	2,800	15,100	11,400	5,400	5,000	3,700	63,800
1919	4,610	3,270	2,460	2,150	1,670	1,840	4,460	13,800	6,840	3,890	3,030	2,940	51,000
1920	3,890	2,550	1,910	2,010	1,690	1,730	1,770	30,300	29,900	6,890	4,690	3,880	91,200
1921	3,470	3,320	2,760	2,320	1,840	2,070	2,700	32,800	54,000	10,600	6,640	6,370	129,000
1922	4,880	3,540	2,910	2,580	2,100	2,230	2,590	33,300	50,300	9,780	6,950	5,590	127,000
1923	4,640	3,740	3,200	2,720	2,180	2,180	2,800	30,500	29,200	11,200	5,440	3,250	101,000
1924	3,780	2,920	2,580	2,260	2,050	2,120	2,900	18,900	9,460	4,720	2,880	2,420	57,000
1925	2,380	2,110	2,010	1,860	1,690	1,840	3,390	14,200	11,800	6,760	5,050	5,380	58,500
1926	6,700	4,670	3,200	2,370	1,770	1,860	8,450	20,900	9,040	5,970	4,810	3,000	72,700
1927	2,720	2,120	1,960	1,680	1,490	1,580	2,520	26,100	16,900	9,100	6,400	13,700	86,300
1928	7,010	5,460	3,380	2,770	2,300	2,150	4,170	33,800	12,800	6,400	4,590	2,820	87,600
1929	3,100	2,800	2,100	2,300	1,800	1,800	2,500	27,300	31,400	9,300	6,500	6,300	97,200
1930	5,620	4,070	3,070	2,770	2,050	2,150	6,490	23,800	15,200	6,330	6,950	5,610	84,100
1931	5,440	3,410	2,830	2,460	1,890	2,030	2,680	9,280	5,490	2,830	2,340	1,910	42,600
1932	1,990	1,900	1,840	1,780	1,670	1,720	2,020	24,500	18,300	8,360	5,580	4,370	74,000
1933	3,680	2,380	1,720	1,540	1,330	1,330	1,370	9,350	15,400	4,640	3,610	2,190	48,500
1934	1,780	1,470	1,290	1,290	1,110	1,230	3,800	7,820	3,520	2,440	3,040	2,490	31,280
1935	2,110	1,950	1,760	1,610	1,430	1,580	1,740	11,740	27,120	6,580	4,000	2,340	63,960
1936	1,920	1,650	1,420	1,190	1,070	1,090	2,150	11,410	6,740	4,280	4,760	4,010	41,700
1937	3,330	2,460	1,650	1,390	1,000	1,110	2,250	31,480	15,620	8,740	5,700	3,870	78,600
1938	3,020	2,080	1,610	1,420	1,180	1,290	2,400	20,340	24,470	8,910	5,540	4,790	77,060
1939	6,660	4,830	3,310	2,470	1,930	2,080	7,640	17,710	7,240	4,300	2,890	5,340	66,400
1940	5,610	3,470	2,160	1,620	1,350	1,450	4,640	17,460	6,910	4,100	2,180	2,980	53,930
1941	4,790	3,340	2,280	1,900	1,600	1,690	1,630	30,190	22,310	9,300	6,540	6,810	92,380
1942	9,450	6,170	3,950	2,570	1,810	1,800	5,990	22,450	25,320	9,530	6,950	4,960	101,000
1943	3,150	1,910	1,580	1,310	1,020	1,090	8,750	16,590	10,510	8,340	5,750	3,250	63,250
1944	2,210	1,740	1,520	1,330	1,070	1,090	1,220	23,050	36,080	12,080	8,270	4,150	93,810
1945	2,550	1,980	1,610	1,400	1,120	1,210	1,280	15,400	15,460	8,520	6,700	5,290	62,520
1946	3,750	2,170	1,620	1,350	1,150	1,150	6,450	9,590	7,960	5,000	3,300	3,800	47,310
1947	3,410	2,900	2,400	1,930	1,460	1,610	3,750	31,630	20,050	10,640	7,030	5,370	92,180
1948	4,380	2,590	2,120	1,710	1,320	1,280	1,910	25,010	12,780	7,130	5,220	2,380	67,830
1949	1,830	1,370	1,160	1,020	889	958	2,490	27,200	23,770	8,840	7,210	3,690	80,430
1950	3,190	2,440	1,780	1,660	1,260	1,390	5,640	25,130	22,470	10,180	7,370	4,880	87,390
1951	3,290	2,020	1,770	1,580	1,150	1,150	1,170	15,950	12,100	8,190	6,480	4,730	59,580
1952	3,890	2,280	1,890	1,780	1,470	1,430	4,160	36,260	23,220	10,380	9,920	5,820	102,500
1953	4,340	2,680	2,110	1,770	1,390	1,400	1,820	9,520	17,240	8,160	5,390	2,270	58,090
1954	1,860	1,710	1,720	1,570	1,140	1,120	3,860	18,760	8,130	6,970	3,910	2,620	53,370
1955	2,410	1,800	1,510	1,290	1,040	1,070	1,250	15,940	10,450	6,190	3,930	2,660	49,540
1956	2,110	1,700	1,550	1,350	1,160	1,200	2,090	23,520	10,540	7,310	3,760	2,040	58,330
1957	1,400	1,490	1,260	1,100	948	984	932	6,840	32,600	10,120	7,790	5,750	71,200
1958	3,420	2,270	1,850	1,720	1,390	1,370	2,070	26,420	11,840	7,480	4,470	2,390	66,690
1959	1,590	1,460	1,420	1,020	895	1,040	1,060	11,010	10,540	5,590	3,530	2,450	41,600
1960	2,100	1,500	1,080	916	768	851	3,530	13,450	9,680	5,680	2,220	1,230	43,000
1961	1,520	1,320	1,240	936	704	716	885	15,480	13,460	6,910	4,550	5,750	53,480
1962	6,120	4,290	3,200	2,150	1,570	1,760	9,610	28,870	23,440	9,510	6,750	4,300	101,600
1963	2,650	1,380	1,120	774	573	690	839	15,430	7,350	5,080	2,680	2,660	41,220
1964	2,180	1,230	996	817	686	708	676	20,850	17,370	7,560	4,500	3,310	60,890
1965	2,450	1,240	910	825	621	674	805	14,410	39,140	11,680	8,470	6,220	87,440
1966	4,730	2,470	1,530	1,080	736	750	3,660	23,540	8,060	6,210	3,860	2,530	59,150
1967	1,700	1,220	1,160	932	668	738	1,100	22,300	31,110	11,430	6,790	3,680	82,820
1968	3,310	1,390	906	789	793	849	833	8,980	44,850	8,700	7,070	4,770	83,240
1969	3,380	1,510	950	847	716	700	1,910	33,410	13,750	8,510	6,160	4,030	75,880
1970	2,200	1,540	1,310	1,060	797	787	883	22,200	25,560	9,790	5,820	4,320	76,260
1971	2,690	1,180	1,030	813	641	631	1,000	16,110	24,480	8,690	4,780	3,630	65,670
1972	2,140	2,000	1,720	1,500	1,240	1,400	2,230	22,600	16,190	7,530	3,830	3,360	65,740
1973	3,190	2,720	1,740	1,310	1,010	1,010	1,150	33,040	32,770	10,110	7,190	5,730	101,000

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09267100 Ashley Creek above Dry Fork, near Vernal, Utah

LOCATION --Lat 40°32'16", long 109°36'33", in NW¼SE¼SW¼ sec.19, T.3 S., R 21 E , Uintah County, on right bank 0.9 mile (1.4 km) upstream from Dry Fork, and 4 miles (6 km) southwest of town of Dry Fork.

DRAINAGE AREA.--110 sq mi (285 km^2).

PERIOD OF RECORD.--June 1969 to September 1972.

GAGE.--Water-stage recorder. Altitude of gage is 5,910 ft (1,801 m) from topographic map.

EXTREMES.--Maximum discharge, 920 ft^3/s (26.05 m^3/s) May 20, 1970 (gage height, 4.15 ft or 1.265 m); maximum gage height, 4.38 ft (1.335 m) May 19, 1970; minimum dis harge, 11 ft^3/s (0.312 m^3/s) Apr. 1, 1970, Mar. 19, 1971.

REMARKS.--Records good. Flow slightly regulated by small reservoirs upstream. Flow increased by water released from Oaks Park Reservoir, capacity 6,250 acre-ft (7.71 hm^3), on Big Brush Creek and diverted to Ashley Creek basin for irrigation. City of Vernal pipeline, capacity approximately 11 ft^3/s (0.312 m^3/s), diverts water from tributary spring about 6 miles (10 km) upstream. Small diversions for irrigation of about 200 acres (80 hm^2) lying mostly above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1969	-	-	-	-	-	-	-	-	213	122	85.2	60.6	-
1970	32.6	24.5	18.5	17.6	15.8	13.6	14.1	305	388	155	85.9	70.6	95.5
1971	41.5	21.4	17.6	14.4	14.0	13.0	16.6	266	411	136	78.5	60.7	91.2
1972	34.9	34.3	28.5	26.4	24.9	25.2	35.8	348	271	114	59.2	54.9	88.3
							Monthly and yearly runoff, in acre-feet						
1969	-	-	-	-	-	-	-	-	12,690	7,530	5,240	3,600	-
1970	2,010	1,460	1,140	1,080	879	835	837	18,740	23,110	9,530	5,280	4,200	69,110
1971	2,550	1,270	1,080	887	780	801	990	16,370	24,470	8,370	4,830	3,610	66,010
1972	2,150	2,040	1,750	1,620	1,430	1,550	2,130	21,400	16,130	6,980	3,640	3,270	64,090

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09267500 Mosby Canal near Lapoint, Utah

LOCATION.--Lat 40°36'30", long 109°53'00", in sec.27, T.2 S., R.18 E., (unsurveyed), Uintah County, on left bank 4.5 miles (7.2 km) southeast of Paradise Park Reservoir, 8 miles (13 km) downstream from diversion from Dry Fork, and 16 miles (26 km) northwest of Lapoint.

PERIOD OF RECORD.--July 1954 to September 1973.

GAGE.--Water-stage recorder and concrete control. Altitude of gage is 9,500 ft (2,896 m) from topographic map.

EXTREMES.--Maximum daily discharge, 37 ft^3/s (1.05 m^3/s) June 16, 17, 1969; no flow for extended period each year.

REMARKS.--Records good except those for period of no gage-height record, which are poor. Canal diverts from Dry Fork for irrigation in Deep Creek basin. Diversion began in 1942 or 1943.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1961	6.25	3.07	0.26	0	0	0	0.17	3.30	7.80	10.1	19.7	8.81	4.99
1962	.11	0	0	0	0	0	.08	4.77	7.17	6.58	7.64	8.73	2.94
1963	8.46	1.15	0	0	0	0	0	6.71	3.60	10.6	14.7	20.2	5.49
1964	14.6	3.71	.003	0	0	0	0	5.09	19.0	1.96	16.4	9.41	5.86
1965	1.77	0	0	0	0	0	0	3.04	9.83	9.89	.007	.077	2.06
1966	0	7.22	.46	0	0	0	.35	8.71	10.3	8.63	9.89	11.0	4.73
1967	9.04	1.41	0	0	0	0	0	4.33	3.51	13.1	18.5	13.7	5.35
1968	5.57	0	0	0	0	0	0	1.20	4.30	13.1	16.7	9.09	4.19
1969	3.11	.003	0	0	0	0	.12	5.91	16.6	12.6	13.1	3.08	4.58
1970	0	0	0	0	0	0	0	6.41	20.0	17.1	11.9	12.2	5.65
1971	4.36	1.51	.46	0	0	0	.41	3.80	16.8	19.5	14.6	13.9	6.32
1972	7.17	.061	0	0	0	0	.026	7.15	20.8	16.5	9.81	9.88	5.96
1973	12.2	.10	.024	0	0	0	0	6.50	13.7	24.0	17.1	12.4	7.24
							Monthly and yearly diversion, in acre-feet						
1954	-	-	-	-	-	-	-	-	-	-	358	365	-
1955	189	0	0	0	0	0	0	180	6.5	109	495	254	1,230
1956	168	0	0	0	0	0	0	437	304	445	464	168	1,990
1957	130	104	15	0	0	0	0	46	866	175	2.2	276	1,610
1958	742	48	0	0	0	0	0	488	198	153	851	742	3,220
1959	328	13	0	0	0	0	0	93	45	561	1,270	1,000	3,310
1960	764	0	0	0	0	0	64	169	39	708	498	351	2,590
1961	385	183	16	0	0	0	9.9	203	464	621	1,210	524	3,620
1962	6.7	0	0	0	0	0	5.0	294	426	405	470	520	2,130
1963	520	68	0	0	0	0	0	413	214	651	904	1,200	3,970
1964	900	221	.20	0	0	0	0	313	1,130	121	1,010	560	4,250
1965	109	0	0	0	0	0	0	187	585	608	.4	4.6	1,490
1966	0	429	28	0	0	0	21	536	616	531	608	654	3,420
1967	556	84	0	0	0	0	0	266	209	806	1,140	815	3,870
1968	343	0	0	0	0	0	0	74	256	803	1,030	541	3,040
1969	192	.2	0	0	0	0	7.3	363	990	776	805	183	3,320
1970	0	0	0	0	0	0	0	394	1,190	1,050	731	725	4,090
1971	268	90	29	0	0	0	24	234	1,000	1,200	899	827	4,570
1972	441	3.6	0	0	0	0	1.6	440	1,240	1,020	603	588	4,330
1973	752	6.1	1.5	0	0	0	0	399	814	1,480	1,050	738	5,240

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09268000 Dry Fork above sinks, near Dry Fork, Utah

LOCATION.--Lat 40°37'35", long 109°49'10", in sec.20, T.2 S., R.19 E., (unsurveyed), Uintah County, Ashley National Forest, on left bank 9 miles (14 km) northwest of town of Dry Fork.

DRAINAGE AREA.--44.4 sq mi (115.0 km^2).

PERIOD OF RECORD.--March 1939 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 8,108.51 ft (2,471.474 m) above mean sea level (levels by Utah State Water and Power Board).

AVERAGE DISCHARGE.--34 years, 36.4 ft^3/s (1.031 m^3/s), 26,370 acre-ft/yr (32.5 hm^3/yr).

EXTREMES.--Maximum discharge, 1,010 ft^3/s (28.6 m^3/s) June 10, 1965 (gage height 4.78 ft or 1.457 m), from rating curve extended above 490 ft^3/s (13.9 m^3/s); no flow for part of each day Apr. 22, May 1-3, 1951.

REMARKS.--Records good except those for period of no gage-height record, which are poor. Mosby Canal has diverted water above station for irrigation in Deep Creek basin since 1942 or 1943.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1939	-	-	-	-	-	-	26.2	139	41.9	18.8	14.3	71.7	-
1940	35.5	17.0	7.0	6.0	6.0	6.0	21.2	115	25.2	12.1	9.5	31.6	24.5
1941	54.8	30	10	10	7.0	7.0	7.8	229	249	60.8	37.2	33.8	61.6
1942	51.9	28.5	12.4	7.0	5.0	5.0	17.3	121	247	55.4	23.0	15.2	49.0
1943	12.3	6.7	4	2	3	3	43.0	125	94.3	30.4	23.6	13.4	30.2
1944	12.4	9.4	8	7	7	7	8	133	361	111	23.4	11.8	58.1
1945	10.2	7.36	5.5	5	4.5	4.5	6	105	136	54.4	31.7	18.6	32.6
1946	12.6	9.59	8.4	7.0	5.8	5.0	45.3	72.2	37.9	14.6	29.8	23.7	22.7
1947	20.8	17.6	12.9	12.0	12.0	12.4	17.2	227	184	80.0	43.0	26.0	55.7
1948	17.9	14.8	13	11	11	11.5	13.3	138	90.7	25.8	15.9	10.4	31.2
1949	9.07	5.87	4.5	4.0	3.5	4.02	11.5	124	234	46.8	18.0	11.3	39.7
1950	16.9	16.9	7.8	5.0	4.0	4.0	21.0	150	215	68.6	24.6	17.0	46.0
1951	11.3	7.96	6.5	6.0	5.0	4.0	3.30	116	142	32.1	60.9	28.5	35.4
1952	19.8	6.83	5.16	3.90	3.7	4.0	12.6	199	265	60.2	65.0	32.7	56.5
1953	15.3	11.5	8.0	7.0	6.0	5.5	8.57	34.9	144	24.0	15.0	6.74	23.8
1954	4.04	3.48	3.66	3.5	3.4	3.4	11.9	153	45.3	30.2	7.42	10.4	23.6
1955	11.1	9.94	7.0	6.0	5.0	5.0	6.50	107	63.2	17.8	11.1	9.55	21.7
1956	6.13	5.81	5.68	4.77	4.50	4.77	7.83	155	80.4	11.5	1.89	2.44	24.3
1957	2.81	3.24	4.21	4.5	4.0	4.10	4.96	20.4	301	78.2	42.7	32.3	41.7
1958	9.70	9.38	8.48	7.0	6.0	5.0	8.67	191	128	27.5	3.62	3.98	34.3
1959	1.95	4.41	4.04	3.5	3.5	3.0	3.25	54.7	87.4	15.6	8.51	7.13	16.4
1960	6.82	13.1	8	7	6	6.5	17.9	86.8	84.8	5.66	2.15	2.15	20.6
1961	3.98	2.76	4.77	4.0	3.0	2.0	2.12	87.7	94.7	13.2	15.2	42.5	23.0
1962	44.8	20.6	11.1	9.0	9.64	9.35	39.9	141	242	61.3	18.1	3.79	50.9
1963	4.98	5.52	5.90	4.66	4.18	5.55	7.0	122	63.7	7.54	5.70	14.3	21.0
1964	6.76	6.77	7.65	6.0	5.0	5.0	5.50	140	129	45.9	9.45	2.14	30.8
1965	5.35	5.80	5.0	5.0	4.50	4.18	54.3	53.6	328	124	58.4	48.0	53.8
1966	24.9	8.76	8.48	6.02	5.21	4.64	13.1	135	40.8	16.5	6.68	9.13	23.5
1967	15.2	13.7	9.90	8.55	7.44	5.95	5.85	148	264	93.2	25.7	12.7	51.0
1968	11.3	10.3	6.99	6.15	6.03	6.43	7.80	31.7	378	58.0	39.9	13.0	47.6
1969	9.16	7.99	5.92	5.58	5.14	4.86	9.45	276	117	23.7	12.7	18.5	41.7
1970	17.5	12.1	8.18	7.71	7.03	6.09	6.08	96.1	162	44.6	20.0	17.7	33.8
1971	9.71	7.54	7.80	5.79	5.05	5.00	7.53	68.5	226	28.1	8.70	6.08	32.0
1972	7.23	10.6	8.85	7.72	6.42	6.62	12.1	141	134	11.8	5.41	8.22	30.1
1973	20.4	16.0	9.00	7.81	6.59	5.48	7.00	154	254	73.1	27.5	14.6	49.7
						Monthly and yearly runoff, in acre-feet							
1939	-	-	-	-	-	-	1,560	8,550	2,500	1,160	881	4,270	-
1940	2,180	1,010	430	369	345	369	1,260	7,100	1,500	742	587	1,880	17,770
1941	3,370	1,790	615	615	389	432	466	14,060	14,800	3,740	2,290	2,010	44,580
1942	3,190	1,690	764	428	278	307	1,030	7,410	14,680	3,400	1,410	906	35,490
1943	754	397	246	123	167	184	2,560	7,710	5,610	1,870	1,450	797	21,870
1944	760	561	492	430	403	430	476	8,180	21,470	6,820	1,440	700	42,160
1945	629	438	338	307	250	277	357	6,470	8,110	3,340	1,950	1,110	23,580
1946	776	570	516	430	322	307	2,700	4,440	2,260	897	1,830	1,410	16,460
1947	1,280	1,040	791	738	666	762	1,020	13,970	10,940	4,920	2,640	1,550	40,320
1948	1,100	882	799	676	633	708	791	8,490	5,400	1,590	980	616	22,660
1949	558	349	277	246	194	247	686	7,610	13,920	2,880	1,110	672	28,750
1950	1,040	1,010	480	307	222	246	1,250	9,210	12,780	4,220	1,510	1,010	33,280
1951	694	473	400	369	278	246	196	7,160	8,430	1,980	3,750	1,690	25,700
1952	1,220	407	317	240	213	246	750	12,230	15,770	3,700	4,000	1,950	41,040
1953	940	682	492	430	333	338	510	2,140	8,570	1,470	924	401	17,230
1954	249	207	225	215	189	209	707	9,430	2,700	1,850	456	622	17,060
1955	682	591	430	369	278	307	387	6,550	3,760	1,100	684	568	15,710
1956	377	346	349	293	259	294	466	9,530	4,780	706	116	145	17,660
1957	173	193	259	277	222	252	295	1,250	17,930	4,810	2,620	1,920	30,200
1958	596	558	522	430	333	307	516	11,760	7,630	1,690	223	237	24,800
1959	120	262	249	215	194	184	193	3,360	5,200	961	523	424	11,880
1960	419	780	492	430	345	401	1,070	5,340	5,040	348	132	128	14,920
1961	245	164	294	246	167	123	126	5,390	5,630	809	937	2,530	16,660
1962	2,750	1,230	684	553	536	575	2,370	8,660	14,400	3,770	1,120	226	36,870
1963	306	328	363	287	232	341	417	7,470	3,790	464	350	849	15,200
1964	416	403	470	369	288	307	327	8,600	7,700	2,820	556	127	22,380
1965	329	345	307	307	250	257	323	3,290	19,500	7,630	3,590	2,860	38,980
1966	1,530	521	521	370	290	285	780	8,300	2,430	1,010	411	543	16,990
1967	934	817	609	526	413	366	348	9,090	15,740	5,730	1,580	755	36,900
1968	696	615	430	378	347	395	464	1,950	22,470	3,560	2,460	773	34,540
1969	564	476	364	343	285	299	562	16,990	6,940	1,460	783	1,100	30,170
1970	1,080	723	503	474	391	374	362	5,910	9,630	2,740	1,230	1,050	24,470
1971	597	449	479	356	280	307	448	4,210	13,440	1,730	535	362	23,200
1972	445	631	544	474	369	407	720	8,700	8,000	727	332	489	21,830
1973	1,260	955	553	480	366	337	417	9,490	15,100	4,490	1,690	868	36,010

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09268500 North Fork of Dry Fork near Dry Fork, Utah

LOCATION.--Lat 40°38'34", long 109°48'37", in sec.17, T.2 S., R.19 E., Uintah County, Ashley National Forest, on left bank 2 miles (3 km) upstream from mouth and 9.5 miles (15.3 km) northwest of town of Dry Fork.

DRAINAGE AREA.--8.62 sq mi (22.33 km^2).

PERIOD OF RECORD.--April 1946 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 8,284.28 ft (2,525.048 m) above mean sea level (levels by Utah Water and Power Board).

AVERAGE DISCHARGE.--27 years, 6.85 ft^3/s (0.194 m^3/s), 4,960 acre-ft/yr (6.12 hm^3/yr).

EXTREMES.--Maximum discharge, 169 ft^3/s (4.79 m^3/s) June 5, 1968 (gage height 3.34 ft or 1.018 m); maximum gage height, 3.60 ft (1.097 m) May 7, 1947; no flow for part of Apr. 21, 1961, May 1, 1963.

REMARKS.--Records good except those for period of no gage-height record, which are poor.

REVISIONS.--WRD Utah 1969: Drainage area.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1946	-	-	-	-	-	-	-	8.07	3.45	1.62	2.17	3.79	-
1947	1.63	0.95	0.96	0.9	0.9	0.96	4.51	56.2	31.1	16.6	7.14	4.31	10.6
1948	2.27	1.20	.74	.7	.6	.6	1.26	24.5	13.0	4.31	2.47	2.22	4.52
1949	1.54	.81	.6	.5	.4	.5	2.82	26.6	29.1	10.5	4.15	2.55	6.69
1950	2.26	2.23	1.76	1.44	1.00	.96	7.34	32.4	34.0	11.3	5.05	2.71	8.56
1951	1.69	1.10	.82	.7	.5	.39	.50	20.1	16.4	7.31	7.24	2.89	5.00
1952	1.19	.73	.62	.48	.5	.6	1.45	39.7	27.1	9.28	8.88	3.03	7.84
1953	1.54	1.08	.73	.4	.3	.2	1.27	9.50	22.1	7.92	3.75	1.97	4.24
1954	1.02	.59	.45	.30	.3	.3	1.39	23.8	9.64	6.55	3.88	1.05	4.15
1955	.81	.48	.22	.1	.1	.1	.23	14.8	6.91	3.36	4.38	3.50	2.94
1956	1.41	.67	.59	.36	.3	.26	1.77	33.1	20.2	5.43	2.45	1.41	5.69
1957	.96	.70	.6	.5	.4	.3	.33	5.53	49.0	19.6	7.23	5.87	7.57
1958	3.14	2.27	1.91	1.60	1.20	1.00	1.50	45.7	32.1	8.50	3.56	2.40	8.80
1959	1.41	.91	.79	.6	.5	.4	.54	7.45	8.31	4.35	3.30	2.47	2.60
1960	2.12	1.55	.78	.6	.5	.60	2.93	14.0	10.7	3.75	1.40	.60	3.30
1961	1.11	.78	.54	.50	.50	.40	.20	10.4	12.7	4.58	1.64	2.84	3.03
1962	6.57	3.80	1.90	1.08	1.27	1.35	10.6	41.0	38.9	15.8	4.85	3.01	10.9
1963	2.62	1.59	1.23	.28	.19	.10	.10	16.0	10.1	3.90	2.82	2.83	3.51
1964	2.45	1.60	.89	.60	.40	.30	.40	21.4	20.0	9.50	3.84	2.10	5.31
1965	1.27	.98	.80	.70	.60	.55	.84	17.7	58.1	26.1	10.2	8.54	10.5
1966	4.43	2.85	2.12	.99	.83	.87	5.03	30.5	13.2	5.03	3.89	3.26	6.12
1967	3.06	2.17	1.37	.76	.61	.56	.77	25.2	49.2	26.9	9.39	5.13	10.5
1968	4.11	2.10	1.51	1.37	1.30	1.30	1.20	10.5	62.2	18.7	9.02	5.08	9.83
1969	2.80	1.84	1.27	.91	.70	.73	2.56	52.5	33.2	13.4	6.40	3.98	10.1
1970	3.10	1.98	1.34	1.05	.65	.63	.71	18.2	24.9	14.6	7.98	6.04	6.80
1971	3.58	1.83	1.16	.92	.80	.70	1.60	17.8	38.6	14.2	6.18	4.18	7.64
1972	3.28	2.39	1.92	1.89	1.80	1.94	3.62	28.0	25.7	7.41	3.42	2.73	7.02
1973	3.93	3.89	2.24	1.50	.97	.85	.96	40.3	44.9	20.5	10.0	5.11	11.3
						Monthly and yearly runoff, in acre-feet							
1946	-	-	-	-	-	-	-	496	205	99	133	225	-
1947	100	57	59	55	50	59	268	3,460	1,850	1,020	439	257	7,670
1948	140	71	45	43	35	37	75	1,510	776	265	152	132	3,280
1949	95	48	37	31	22	31	168	1,630	1,730	643	255	152	4,850
1950	139	133	108	88	56	59	437	1,990	2,020	693	311	161	6,200
1951	104	65	50	43	28	24	30	1,240	976	450	445	172	3,630
1952	73	43	38	30	29	37	86	2,440	1,610	570	546	180	5,680
1953	95	64	45	25	17	12	76	584	1,320	487	231	117	3,070
1954	63	35	28	18	17	18	83	1,470	573	402	239	62	3,010
1955	50	29	13	6.1	5.6	6.1	14	909	411	207	269	208	2,130
1956	87	40	36	22	17	16	106	2,030	1,200	334	151	84	4,120
1957	59	41	37	31	22	18	20	340	2,920	1,200	444	349	5,480
1958	193	135	117	98	67	61	89	2,810	1,910	522	219	143	6,360
1959	87	54	48	37	28	25	32	458	494	267	203	147	1,880
1960	131	92	48	37	29	37	174	859	634	230	86	36	2,390
1961	68	46	33	31	28	25	12	639	757	282	101	169	2,190
1962	404	226	117	66	70	83	632	2,520	2,320	970	298	179	7,880
1963	161	94	76	17	11	6.0	6.0	983	603	240	173	168	2,540
1964	151	95	55	37	23	19	24	1,320	1,190	584	236	125	3,850
1965	78	58	49	43	33	34	50	1,090	3,460	1,600	624	508	7,620
1966	272	170	130	61	46	54	299	1,870	784	309	239	194	4,430
1967	188	129	84	47	34	34	46	1,550	2,930	1,650	577	305	7,580
1968	253	125	93	85	75	80	72	649	3,700	1,150	554	302	7,140
1969	172	109	78	56	39	45	153	3,230	1,970	822	394	237	7,310
1970	191	118	82	65	36	38	42	1,120	1,480	900	491	359	4,920
1971	220	109	72	56	44	43	95	1,090	2,300	872	380	249	5,530
1972	202	142	118	116	103	119	216	1,720	1,530	455	210	162	5,100
1973	242	232	138	92	54	52	57	2,480	2,670	1,260	615	304	8,200

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09268900 Brownie Canyon above sinks, near Dry Fork, Utah

LOCATION.--Lat 40°39'34", long 109°45'01", in SW¼NE¼ sec.11, T.2 S., R.19 E. (unsurveyed), Uintah County, Ashley National Forest, on right bank 4.5 miles (7.2 km) upstream from mouth and 8.5 miles (13.7 km) northwest of town of Dry Fork.

DRAINAGE AREA.--8.24 sq mi (21.34 km^2).

PERIOD OF RECORD.--October 1960 to September 1973. Published as East Fork of Dry Fork above sinks, near Dry Fork prior to October 1967.

GAGE.--Water-stage recorder. Altitude of gage 8,300 ft (2,530 m) from topographic map.

AVERAGE DISCHARGE.--13 years, 14.3 ft^3/s (0.405 m^3/s), 10,360 acre-ft/yr (12.8 hm^3/yr).

EXTREMES.--Maximum discharge, 395 ft^3/s (11.2 m^3/s) June 10, 1965 (gage height, 2.12 ft or 0.646 m), from rating curve extended above 160 ft^3/s (4.53 m^3/s); no flow for part of Apr. 23, 1961.

REMARKS.--Records good except those for period of no gage-height record, which are poor. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1961	2.24	1.49	1.29	0.60	0.70	0.75	0.52	29.6	30.1	5.88	4.04	8.48	7.16
1962	9.99	6.38	3.48	2.16	2.27	2.35	13.9	50.0	69.6	25.4	7.93	4.94	16.6
1963	4.67	3.48	2.15	.69	.31	.20	.20	37.0	19.4	7.81	4.31	4.79	7.14
1964	5.21	3.69	2.82	.63	.30	.40	.96	48.4	39.0	12.0	6.99	4.49	10.4
1965	3.11	2.58	2.00	1.50	1.00	1.18	2.14	25.4	83.6	37.8	17.7	15.3	16.1
1966	8.44	3.61	2.91	1.73	1.66	2.08	8.02	58.6	28.9	10.7	7.40	4.68	11.6
1967	4.78	3.34	2.35	1.50	1.35	1.28	1.63	58.7	92.6	53.5	17.8	8.09	20.7
1968	4.66	2.54	1.94	1.73	1.60	1.58	2.08	20.1	120	28.2	18.5	9.02	17.6
1969	4.58	2.48	2.12	1.57	1.30	1.34	3.67	94.6	55.6	17.7	9.73	5.78	16.8
1970	4.64	3.11	2.16	1.97	1.65	1.64	1.68	46.0	61.3	20.3	9.64	7.91	13.5
1971	4.85	2.75	2.08	1.42	1.31	1.20	2.37	28.1	71.9	20.0	10.1	5.72	12.7
1972	4.05	3.15	2.38	2.31	2.19	2.69	3.96	59.4	49.5	11.8	5.85	4.92	12.7
1973	9.73	5.89	3.79	2.88	2.60	2.36	2.79	77.0	106	36.5	18.8	10.4	23.3
							Monthly and yearly runoff, in acre-feet						
1961	137	89	79	37	39	46	31	1,820	1,790	361	249	504	5,180
1962	614	380	214	133	126	145	827	3,070	4,140	1,560	488	294	12,000
1963	287	207	132	43	17	12	12	2,270	1,150	480	265	285	5,170
1964	320	219	173	39	17	25	57	2,980	2,320	739	430	267	7,590
1965	191	154	123	92	56	72	127	1,560	4,980	2,320	1,090	908	11,670
1966	519	215	179	107	92	128	477	3,600	1,720	660	455	278	8,430
1967	294	199	144	92	75	79	97	3,610	5,510	3,290	1,090	481	14,970
1968	287	151	119	106	92	97	124	1,230	7,140	1,730	1,140	537	12,760
1969	282	148	131	96	72	82	219	5,820	3,310	1,090	598	344	12,190
1970	285	185	133	121	92	101	100	2,830	3,650	1,250	593	471	9,800
1971	298	164	128	87	73	74	141	1,730	4,280	1,230	621	340	9,160
1972	248	187	147	142	126	166	236	3,650	2,950	727	360	293	9,230
1973	598	350	233	177	144	145	166	4,740	6,320	2,240	1,150	618	16,890

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09269000 East Fork Dry Fork near Dry Fork, Utah

LOCATION.--Lat 40°39'00", long 109°45'40", in sec.14, T.2 S., R.19 E. (unsurveyed), on right bank 3.5 miles (5.6 km) upstream from mouth and 8 miles (13 km) northwest of town of Dry Fork.

DRAINAGE AREA.--12 sq mi (31 km^2), approximately.

PERIOD OF RECORD.--April 1946 to September 1963.

GAGE.--Water-stage recorder. Altitude of gage is 8,150 ft (2,484 m) by barometer.

AVERAGE DISCHARGE.--17 years, 7.97 ft^3/s (0.226 m^3/s), 5,770 acre-ft/yr (7.12 hm^3/yr).

EXTREMES.--Maximum discharge, 240 ft^3/s (6.80 m^3/s) June 18, 1949 (gage height, 4.27 ft or 1.289 m), from rating curve extended above 100 ft^3/s (2.83 m^3/s) on basis of slope-area measurement of peak flow; no flow at times.

REMARKS.--Records good except those for periods of ice effect or periods of no gage-height record, which are fair. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1946	-	-	-	-	-	-	-	12.7	8.11	3.20	4.14	6.57	-
1947	3.75	2.96	2.44	2.0	2.0	2.27	4.73	83.6	60.0	20.3	6.71	4.38	16.4
1948	1.67	.87	.64	.6	.5	.5	.59	37.5	26.4	4.25	1.36	1.53	6.39
1949	1.45	.74	.4	.3	.2	.25	1.16	29.2	60.9	13.6	3.29	2.19	9.48
1950	.94	.36	.2	.2	.2	.2	.39	30.6	65.9	18.0	1.99	.72	9.98
1951	.62	.09	0	0	0	0	0	20.9	36.8	9.91	4.61	3.41	6.37
1952	2.22	.20	0	0	0	0	.23	46.3	64.0	15.9	9.02	3.31	11.8
1953	.50	.17	0	0	0	0	0	2.63	38.0	6.08	3.34	1.95	4.36
1954	1.80	.87	0	0	0	0	.05	34.4	13.6	10.1	4.05	2.63	5.69
1955	2.71	1.83	.15	0	0	0	.02	22.6	18.0	4.63	5.05	3.96	4.94
1956	1.98	.64	.33	0	0	0	.39	48.7	31.0	6.16	2.54	1.25	7.79
1957	1.04	.59	.02	0	0	0	0	1.81	68.7	22.0	6.62	5.38	8.81
1958	3.28	2.04	1.32	.39	0	0	.03	48.5	43.3	8.02	2.52	1.93	9.33
1959	1.14	.49	.52	0	0	0	0	7.28	13.4	7.01	4.68	2.90	3.12
1960	2.25	1.92	.20	0	0	0	1.6	23.0	20.3	4.41	1.07	1.12	4.67
1961	1.31	.53	.23	.03	0	0	0	18.9	24.9	3.62	1.85	4.62	4.67
1962	5.84	2.84	1.50	.66	.50	.48	9.77	49.5	68.2	24.0	6.59	3.28	14.5
1963	2.77	1.30	.90	.12	0	0	0	29.4	16.5	4.76	2.61	3.33	5.19
						Monthly and yearly discharge, in acre-feet							
1946	-	-	-	-	-	-	-	783	483	197	254	391	-
1947	230	176	150	123	111	140	282	5,140	3,570	1,250	412	261	11,840
1948	103	52	39	37	29	31	35	2,310	1,570	261	84	91	4,640
1949	89	44	25	18	11	15	69	1,800	3,630	834	202	131	6,870
1950	58	21	12	12	11	12	23	1,880	3,920	1,100	122	43	7,210
1951	38	5.4	0	0	0	0	0	1,280	2,190	609	283	203	4,610
1952	136	12	0	0	0	0	14	2,840	3,810	979	554	197	8,540
1953	31	9.9	0	0	0	0	0	161	2,260	374	205	116	3,160
1954	111	52	0	0	0	0	3.2	2,120	810	624	249	156	4,130
1955	167	109	8.9	0	0	0	1.0	1,390	1,070	285	310	236	3,580
1956	122	37.9	20.0	0	0	0	23.4	3,000	1,850	379	156	74.4	5,660
1957	64	35	1.4	0	0	0	0	111	4,090	1,350	407	320	6,380
1958	202	122	81	24	0	0	2.0	2,980	2,580	493	155	115	6,750
1959	70	29	32	0	0	0	0	447	799	431	279	173	2,260
1960	138	114	12	0	0	0	97	1,420	1,210	271	66	67	3,400
1961	80	31	14	2.0	0	0	0	1,160	1,480	223	113	275	3,380
1962	359	169	92	41	28	30	581	3,040	4,060	1,470	405	195	10,480
1963	170	77	55	7.1	0	0	0	1,810	984	293	160	198	3,750

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09269500 East Fork of Dry Fork at mouth, near Dry Fork, Utah

LOCATION.--Lat 40°38'00", long 109°45'50", in NW¼ sec.23, T.2 S., R.19 E., on right bank 1.75 miles (2.82 km) upstream from mouth and 8.5 miles (13.7 km) northwest of town of Dry Fork.

DRAINAGE AREA.--18 sq mi (47 km^2), approximately.

PERIOD OF RECORD.--July 1949 to September 1952.

GAGE.--Water-stage recorder. Altitude of gage is 7,700 ft (2,347 m) from topographic map.

EXTREMES.--Maximum discharge, 162 ft^3/s (4.59 m^3/s) June 1, 1950 (gage height, 3.31 ft or 1.01 m) from rating curve extended above 80 ft^3/s (2.26 m^3/s) by logarithmic plotting; no flow at times in each year.

REMARKS.--No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1949	-	-	-	-	-	-	-	-	-	-	2.29	1.26	-
1950	0.94	0.36	0.2	0.2	0.2	0.2	0.39	30.6	65.9	18.0	1.99	.72	9.98
1951	.16	.03	0	0	0	0	0	20.4	37.5	8.16	3.04	1.73	5.92
1952	.93	.13	0	0	0	0	0	52.5	65.2	14.1	7.85	3.30	12.0
						Monthly and yearly runoff, in acre-feet							
1949	-	-	-	-	-	-	-	-	-	-	141	75	-
1950	58	21	12	12	11	12	23	1,880	3,920	1,100	122	43	7,210
1951	9.9	2.0	0	0	0	0	0	1,250	2,230	502	187	103	4,280
1952	57	7.9	0	0	0	0	0	3,230	3,880	867	483	197	8,720

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09270000 Dry Fork below Springs, near Dry Fork, Utah

LOCATION.--Lat 40°34'10", long 109°41'49", in NE¼NW¼SE¼ sec.8, T.3 S., R.20 E., Uintah County, on right bank 1.5 miles (2.4 km) northwest of town of Dry Fork, 6 miles (10 km) upstream from mouth.

DRAINAGE AREA.--97.4 sq mi (252.2 km^2).

PERIOD OF RECORD.--January to December 1904, April 1941 to September 1945, October 1953 to September 1969.

GAGE.--Water-stage recorder since April 1941. Datum of gage is 6,706.95 ft (2,044.28 m) above mean sea level (levels by Utah Water and Power Board). May to July 1904 nonrecording gage at different datum.

AVERAGE DISCHARGE.--20 years (1941-45, 1958-69), 31.8 ft^3/s (0.901 m^3/s), 23,040 acre-ft/yr (28.4 hm^3/yr).

EXTREMES.--Maximum discharge, 974 ft^3/s (27.6 m^3/s) June 11, 1965, from rating curve extended above 700 ft^3/s (19.8 m^3/s); maximum gage height, 5.75 ft (1.753 m) May 27, 1958; no flow for extended periods each year.

REMARKS.--Records good. Small diversion for irrigation above station. Mosby Canal has diverted water above station for irrigation in Deep Creek basin since 1942 or 1943 (see station 09267500).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1904	-	-	-	0	0	0	0	156	173	18.7	0	0	-
1905	0	0	0	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	0	296	348	61.1	8.3	2.3	-
1942	26.3	4.2	0	0	0	0	0	139	325	48.2	1.2	0	45.3
1943	0	0	0	0	0	0	9.0	130	101	20.2	0	0	21.8
1944	0	0	0	0	0	0	0	147	508	137	10.8	0	66.6
1945	0	0	0	0	0	0	0	82.6	173	66.9	13.4	0	28.1
1954	0	0	0	0	0	0	0	144	40.2	6.74	0	0	16.1
1955	0	0	0	0	0	0	0	84.4	51.0	2.18	0	0	11.5
1956	0	0	0	0	0	0	0	163	103	2.00	0	0	22.4
1957	0	0	0	0	0	0	0	0	361	84.6	7.33	5.59	37.9
1958	0	0	0	0	0	0	0	219	196	14.6	0	0	36.0
1959	0	0	0	0	0	0	0	16.9	49.1	4.77	.003	0	5.88
1960	0	0	0	0	0	0	0	67.9	62.8	0	0	0	10.9
1961	0	0	0	0	0	0	0	54.7	99.2	2.59	0	4.63	13.4
1962	8.59	0	0	0	0	0	12.7	173	295	82.2	3.02	0	48.0
1963	0	0	0	0	0	0	0	110	50.5	.046	.003	0	13.5
1964	0	0	0	0	0	0	0	157	128	21.9	0	0	25.6
1965	0	0	0	0	0	0	0	37.2	430	151	43.7	16.7	56.5
1966	1.14	0	0	0	0	0	0	160	52.5	3.62	0	0	18.3
1967	0	0	0	0	0	0	0	177	435	134	15.7	0	63.5
1968	0	0	0	0	0	0	0	12.6	508	80.8	24.0	.024	51.6
1969	0	0	0	0	0	0	0	296	181	43.4	.24	0	43.7
							Monthly and yearly runoff, in acre-feet						
1904	-	-	-	0	0	0	0	9,584	10,290	1,150	0	0	-
1905	0	0	0	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	0	18,190	20,700	3,750	510	137	-
1942	1,610	248	0	0	0	0	0	8,550	19,350	2,960	69	0	32,790
1943	0	0	0	0	0	0	534	8,010	6,020	1,240	0	0	15,800
1944	0	0	0	0	0	0	0	9,030	30,250	8,420	661	0	48,360
1945	0	0	0	0	0	0	0	5,080	10,320	4,120	826	0	20,350
1954	0	0	0	0	0	0	0	8,830	2,390	414	0	0	11,630
1955	0	0	0	0	0	0	0	5,190	3,030	134	0	0	8,350
1956	0	0	0	0	0	0	0	10,010	6,160	123	0	0	16,290
1957	0	0	0	0	0	0	0	0	21,470	5,200	451	333	27,450
1958	0	0	0	0	0	0	0	13,480	11,680	901	0	0	26,060
1959	0	0	0	0	0	0	0	1,040	2,920	294	.2	0	4,250
1960	0	0	0	0	0	0	0	4,180	3,740	0	0	0	7,920
1961	0	0	0	0	0	0	0	3,360	5,900	159	0	276	9,700
1962	528	0	0	0	0	0	758	10,620	17,580	5,050	186	0	34,730
1963	0	0	0	0	0	0	0	6,790	3,000	2.2	.2	0	9,790
1964	0	0	0	0	0	0	0	9,660	7,600	1,350	0	0	18,610
1965	0	0	0	0	0	0	0	2,290	25,600	9,300	2,690	994	40,880
1966	70	0	0	0	0	0	0	9,870	3,120	223	0	0	13,280
1967	0	0	0	0	0	0	0	10,870	25,890	8,230	965	0	45,950
1968	0	0	0	0	0	0	0	774	30,250	4,970	1,480	1.5	37,470
1969	0	0	0	0	0	0	0	18,190	10,790	2,670	15	0	31,670

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09270500 Dry Fork at mouth, near Dry Fork, Utah

LOCATION.--Lat 40°31'35", long 109°36'18", in SE¼NE¼SW¼ sec.30, T.3 S., R.21 E., Uintah County, on left bank 900 ft (274 m) upstream from mouth and 4 miles (6 km) southeast of town of Dry Fork.

DRAINAGE AREA.--116 sq mi (300 km^2).

PERIOD OF RECORD.--July 1954 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 5,842.9 ft (1,780.92 m) above mean sea level, adjustment of 1927.

AVERAGE DISCHARGE.--19 years, 27.2 ft^3/s (0.770 m^3/s), 19,710 acre-ft/yr (24.3 hm^3/yr).

EXTREMES.--Maximum discharge, 1,210 ft^3/s (34.3 m^3/s) Aug. 25, 1955, from rating curve extended above 450 ft^3/s (12.7 m^3/s) on basis of comparison with Ashley Creek at Sign of the Maine; maximum gage height, 6.00 ft (1.29 m) June 12, 1965; no flow for several periods in 1956-61, 1963, 1966.

REMARKS.--Records good except those for winter period, which are poor. Several diversions above station for irrigation, including Mosby Canal (see sta 09267500) which began diverting water for irrigation in Deep Creek basin during 1942 or 1943.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1954	-	-	-	-	-	-	-	-	-	0.69	0.26	0.57	-
1955	1.21	1.00	1.08	1.05	1.00	1.30	1.12	50.6	32.8	1.76	2.31	.90	8.06
1956	1.10	2.09	2.19	1.49	1.30	2.03	.44	137	74.8	.59	.10	.26	18.7
1957	.30	.72	.76	.32	.46	.83	.47	.18	127	61.7	3.01	3.45	33.0
1958	1.77	5.60	3.90	2.50	3.38	3.41	2.03	191	177	4.05	.34	.99	33.1
1959	1.43	1.84	2.09	1.79	1.80	2.20	.64	.02	11.2	3.75	1.17	.80	2.38
1960	.95	1.98	2.07	1.42	1.29	2.79	.86	30.5	38.0	.50	.03	0	6.70
1961	1.06	2.48	1.15	.30	.62	.61	.21	33.7	53.0	.77	.09	.21	7.84
1962	3.29	3.82	2.76	1.72	2.36	3.52	11.7	159	266	54.6	4.35	1.53	42.9
1963	2.06	2.09	1.41	.38	1.06	1.53	1.02	73.6	31.1	.54	.15	.35	9.69
1964	.79	1.57	.95	.40	.28	.42	1.13	130	97.1	6.80	.87	.85	20.1
1965	1.29	1.91	2.24	1.56	.91	1.24	3.00	28.5	409	127	29.3	16.2	51.6
1966	6.54	6.25	4.09	2.28	2.06	2.55	2.06	124	34.7	3.15	1.64	1.63	16.1
1967	1.80	1.77	1.15	.71	.81	3.22	.98	157	370	91.5	9.95	3.75	53.6
1968	3.10	2.48	2.45	2.41	1.91	2.41	3.42	7.34	465	54.8	31.2	5.10	47.9
1969	2.76	3.08	2.12	1.54	2.10	3.34	4.34	274	157	28.0	2.06	2.15	40.5
1970	2.75	3.36	2.93	3.15	2.60	2.22	1.20	61.6	121	32.4	2.39	3.00	19.9
1971	4.43	3.50	4.05	3.95	3.13	3.05	1.49	29.2	227	38.4	2.50	2.25	26.7
1972	3.94	4.26	4.02	3.08	3.30	1.64	.87	93.0	149	7.87	1.89	1.42	22.8
1973	2.29	4.58	2.89	2.22	1.82	2.47	2.86	197	322	88.5	22.9	5.24	54.6
						Monthly and yearly runoff, in acre-feet							
1954	-	-	-	-	-	-	-	-	-	42	16	34	-
1955	74	60	66	65	56	80	67	3,110	1,950	108	142	54	5,830
1956	67	124	135	92	75	125	26	8,420	4,450	36	43	16	13,610
1957	18	43	47	20	26	51	28	11	19,450	3,790	185	205	23,870
1958	109	333	240	154	188	210	121	11,730	10,540	249	21	59	23,950
1959	88	109	129	110	100	135	38	1.2	664	230	72	48	1,720
1960	58	118	128	87	74	172	51	1,880	2,260	31	1.8	0	4,860
1961	65	147	70	19	35	37	13	2,070	3,150	48	5.4	13	5,680
1962	202	227	170	106	131	216	693	9,790	15,820	3,360	267	91	31,080
1963	127	124	87	23	59	94	61	4,520	1,850	33	9.5	21	7,010
1964	49	94	58	25	16	26	67	7,960	5,780	418	54	51	14,600
1965	79	114	138	96	50	76	179	1,750	24,320	7,790	1,800	963	37,360
1966	402	372	252	140	115	157	122	7,650	2,070	193	101	97	11,670
1967	111	106	71	44	45	198	58	9,640	22,040	5,620	612	223	38,770
1968	190	147	150	148	110	148	204	451	27,640	3,370	1,920	303	34,780
1969	170	183	130	95	116	205	258	16,830	9,360	1,720	126	128	29,320
1970	169	200	180	194	145	136	71	3,790	7,190	2,000	147	178	14,400
1971	273	208	249	243	174	188	89	1,790	13,500	2,360	154	134	19,360
1972	242	253	247	189	190	101	52	5,720	8,880	484	116	84	16,560
1973	141	273	178	136	101	152	170	12,090	19,150	5,440	1,410	312	39,560

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09271000 Ashley Creek at Sign of the Maine, near Vernal, Utah

LOCATION.--Lat 40°31'02", long 109°35'45", in NE¼ sec.31, T.3 S., R.21 E., on left bank 0.75 mile (1.21 km) downstream from Dry Fork and 4.75 miles (7.64 km) northwest of Vernal.

DRAINAGE AREA.--241 sq mi (624 km^2).

PERIOD OF RECORD.--March 1900 to December 1904 (published as "near Vernal"), June 1939 to September 1965.

GAGE.--Water-stage recorder. Altitude of gage is 5,750 ft (1,753 m) from topographic map. Prior to Dec. 31, 1904, staff gages at sites about 0.25 mile (0.40 km) upstream at different datums. June 23, 1939, to Sept. 25, 1956, water-stage recorder at site 100 ft (30 m) upstream at datum 0.68 ft (0.21 m) higher.

AVERAGE DISCHARGE.--30 years, 124 ft^3/s (3.51 m^3/s), 89,770 acre-ft/yr (111 hm^3/yr).

EXTREMES.--1900-1904, 1939-65: Maximum discharge, 4,110 ft^3/s (116 m^3/s) June 11, 1965; maximum gage height, 5.40 ft (1.646 m) July 21, 1945; minimum discharge recorded, 10 ft^3/s (0.283 m^3/s) Feb. 24, 1961, Jan. 19, Mar. 5, 1963.

REMARKS.--Records good except those for periods of ice effect or no gage-height record, which are fair. Flow increased since July 1940 by water released from Oaks Park Reservoir, capacity 6,250 acre-ft (7.71 hm^3), on Big Brush Creek and diverted to Ashley Creek basin for irrigation (see station 09265000). Diversions above station for irrigation and municipal supply.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1900	-	-	-	-	-	-	40	478	245	74	45	43	-
1901	44	42	38	36	36	37	122	683	232	100	149	96	136
1902	62	58	52	45	45	42	78	533	306	108	56	52	120
1903	52	46	45	45	45	42	94	602	893	172	76.4	60.2	181
1904	63.2	45.3	31	31	30.9	26.3	182	511	309	107	86.2	78.8	125
1905	69.2	53.3	36.5	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	51.8	32.4	97.9	-
1940	88.2	57.9	38.5	29.4	24.4	23.8	71.9	344	103	60.4	27.8	39.7	76.1
1941	72.7	55.4	39.4	32.9	28.7	26.6	27.7	735	678	194	109	118	177
1942	184	116	71.0	47.3	37.6	35.5	102	486	690	171	95.7	77.5	176
1943	52.8	39.8	34.6	29.4	26.4	26.6	156	402	281	141	91.2	54.1	112
1944	38.3	34.0	28.9	24.7	21.7	22.9	30.1	548	1,099	303	134	70.8	196
1945	46.1	36.3	29.9	27.5	26.6	25.7	26.1	312	405	177	118	88.2	110
1946	61.3	41.7	32.9	27.3	25.6	23.2	114.7	172.8	132.7	72.2	52.4	54.4	67.7
1947	52.2	54.5	46.4	38.4	31.2	34.0	57.7	848	587	241	126	92.5	185
1948	70.4	43.8	36.7	30.4	26.9	25.6	33.5	529	300	113	85.7	39.2	112
1949	32.8	28.5	25.2	23.0	21.2	21.6	41.9	496	690	176	113	58.4	144
1950	58.4	46.8	35.8	32.2	31.1	31.8	75.3	586	634	223	127	72.8	163
1951	52.5	37.4	33.0	29.1	24.9	24.6	22.5	353	376	121	105	73.0	105
1952	59.0	37.7	30.9	29.2	26.6	25.2	68.9	757	643	186	212	103	182
1953	71.9	49.1	37.4	35.6	32.0	31.7	36.0	143	380	136	86.2	39.2	90.0
1954	29.6	33.6	32.9	29.8	24.3	22.2	54.3	378	146	111	60.7	41.7	81.0
1955	41.7	35.6	28.8	26.0	22.7	22.2	26.0	284	187	83.8	64.7	41.5	72.4
1956	39.0	29.3	29.0	26.3	23.6	22.3	36.5	514	242	102	53.1	28.9	96.0
1957	23.9	24.5	22.4	22.6	23.5	19.7	17.7	105	857	215	123	91.0	128
1958	54.4	48.0	38.6	31.8	28.8	25.8	35.4	617	386	134	73.7	45.5	127
1959	33.7	29.1	26.6	20.6	21.6	19.0	18.2	165	179	93.7	59.7	40.4	59.1
1960	36.3	30.3	20.7	17.2	16.1	17.5	60.5	241	195	86.4	31.1	17.7	64.3
1961	24.3	22.5	18.3	16.1	15.4	13.5	15.9	265	297	107	74.0	94.6	80.6
1962	106	75.0	45.2	31.7	29.8	31.8	174	633	674	208	111	70.1	183
1963	47.1	23.7	18.7	15.7	14.3	14.2	13.0	323	146	83.9	41.8	48.9	66.4
1964	45.5	28.3	23.2	21.9	20.7	18.6	16.9	462	396	144	79.9	55.3	110
1965	39.6	28.6	24.6	22.0	19.7	19.7	23.9	299	1,235	318	171	122	193
						Monthly and yearly runoff, in acre-feet							
1900	-	-	-	-	-	-	2,380	29,391	14,578	4,550	2,767	2,559	-
1901	2,705	2,499	2,337	2,214	1,999	2,275	7,260	41,996	13,805	6,149	9,162	5,712	98,100
1902	3,812	3,451	3,197	2,777	2,498	2,608	4,665	32,765	18,226	6,627	3,429	3,096	87,200
1903	3,103	2,737	2,767	2,767	2,499	2,582	5,593	37,016	53,140	10,580	4,698	3,582	131,000
1904	3,886	2,696	1,906	1,906	1,777	1,617	10,830	31,420	18,390	6,579	5,300	4,689	91,000
1905	4,255	3,172	2,244	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	3,190	1,990	5,830	-
1940	5,420	3,440	2,370	1,810	1,400	1,460	4,280	21,150	6,120	3,720	1,710	2,370	55,250
1941	4,470	3,300	2,420	2,030	1,590	1,640	1,650	45,170	40,340	11,930	6,690	7,050	128,300
1942	11,290	6,920	4,370	2,910	2,090	2,180	6,060	29,870	41,060	10,520	5,880	4,610	127,800
1943	3,250	2,370	2,130	1,810	1,470	1,630	9,280	24,740	16,730	8,650	5,610	3,220	80,890
1944	2,360	2,020	1,780	1,520	1,250	1,410	1,790	33,700	65,400	18,600	8,270	4,210	142,300
1945	2,840	2,160	1,840	1,690	1,480	1,580	1,550	19,200	24,090	10,900	7,240	5,250	79,820
1946	3,770	2,480	2,020	1,680	1,420	1,430	6,830	10,630	7,900	4,440	3,220	3,240	49,060
1947	3,210	3,240	2,850	2,360	1,740	2,090	3,430	52,120	34,930	14,800	7,760	5,510	134,000
1948	4,330	2,610	2,260	1,870	1,550	1,570	2,000	32,510	17,860	6,940	5,270	2,330	81,100
1949	2,020	1,690	1,550	1,420	1,180	1,330	2,490	30,500	41,070	10,840	6,980	3,480	104,600
1950	3,590	2,780	2,200	1,980	1,730	1,960	4,480	36,010	37,710	13,690	7,800	4,330	118,300
1951	3,230	2,230	2,030	1,790	1,380	1,520	1,340	21,710	22,350	7,470	6,450	4,340	75,840
1952	3,630	2,250	1,900	1,790	1,530	1,550	4,100	46,570	38,240	11,460	13,050	6,130	132,200
1953	4,420	2,920	2,300	2,190	1,780	1,950	2,140	8,820	22,600	8,370	5,300	2,330	65,120
1954	1,820	2,000	2,020	1,830	1,350	1,360	3,230	23,250	8,720	6,810	3,730	2,480	58,600
1955	2,560	2,120	1,770	1,600	1,260	1,360	1,550	17,460	11,140	5,160	3,980	2,470	52,430
1956	2,400	1,740	1,780	1,620	1,350	1,370	2,170	31,630	14,400	6,260	3,260	1,720	69,700
1957	1,470	1,460	1,380	1,390	1,300	1,210	1,060	6,440	51,010	13,250	7,560	5,420	92,950
1958	3,340	2,860	2,370	1,950	1,600	1,590	2,110	37,910	22,990	8,260	4,530	2,710	92,220
1959	2,070	1,730	1,640	1,270	1,200	1,170	1,080	10,150	10,660	5,760	3,670	2,410	42,810
1960	2,230	1,800	1,270	1,060	928	1,080	3,600	14,810	11,630	5,310	1,910	1,080	46,690
1961	1,490	1,340	1,120	988	855	829	946	16,290	17,680	6,610	4,550	5,630	58,330
1962	6,540	4,460	2,780	1,950	1,650	1,950	10,370	38,940	40,110	12,780	6,800	4,170	132,500
1963	2,900	1,410	1,150	966	795	871	776	19,850	8,710	5,160	2,570	2,910	48,060
1964	2,790	1,690	1,420	1,340	1,190	1,140	1,000	28,400	23,540	8,880	4,910	3,290	79,610
1965	2,430	1,700	1,510	1,350	1,090	1,210	1,420	18,400	73,500	19,540	10,510	7,260	139,900

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09271070 Highline Canal below Mantle Gulch, near Jensen, Utah

LOCATION.--Lat 40°22'01", long 109°30'10", in NE¼NW¼SE¼ sec.24, T.5 S., R.21 E., Uintah County, on left bank 50 ft (15 m) downstream from a left bank diversion and 9 miles (14 km) west of Jensen.

PERIOD OF RECORD.--June 1969 to September 1972.

GAGE.--Water-stage recorder and sack concrete control. Altitude of gage is 5,400 ft (1,646 m) from topographic map.

EXTREMES.--Maximum daily discharge, 27 ft^3/s (0.764 m^3/s) Aug. 1, 1969; no flow at times.

REMARKS.--Records good. Canal diverts from right bank of Ashley Creek in NW¼SW¼ sec.32, T.3 S., R.21 E., for irrigation in Ashley Valley. Many small diversions for irrigation of land lying both above and below station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1969	-	-	-	-	-	-	-	-	3.40	2.85	3.68	5.49	-
1970	0.51	0.006	0	0	0	0	0.18	7.55	8.16	7.20	4.04	2.36	2.52
1971	.99	.18	0	0	0	0	.024	5.41	11.7	8.02	1.44	2.15	2.50
1972	.61	.003	0	0	0	0	0	8.44	9.16	1.39	5.50	2.83	2.33
							Monthly and yearly runoff, in acre-feet						
1969	-	-	-	-	-	-	-	-	202	175	226	327	-
1970	31	.3	0	0	0	0	11	464	485	442	248	141	1,820
1971	61	11	0	0	0	0	1.5	332	696	493	89	128	1,810
1972	37	.2	0	0	0	0	0	519	545	86	338	168	1,690

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09271470 River Irrigation Company Canal near Jensen, Utah

LOCATION.--Lat 40°22'43", long 109°24'04", in NW¼SW¼SW¼ sec.13, T.5 S., R.22 E., Uintah County, on right bank 0.5 mile (0.8 km) upstream from U.S. Highway 40, and 3 miles (5 km) west of Jensen.

PERIOD OF RECORD.--June 1969 to September 1972.

GAGE.--Water-stage recorder. Altitude of gage is 4,850 ft (1,478 m) from topographic map.

EXTREMES.--Maximum daily discharge, 11 ft^3/s (0.31 m^3/s) July 9, 14, 1970, May 13, 1971; no flow for extended periods during winter months.

REMARKS.--Records good. Canal diverts from left bank of Ashley Creek in NW¼SE¼ sec.10, T.5 S., R.22 E., for irrigation in lower Ashley Valley. Many small diversions for irrigation of land lying mostly above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1969	-	-	-	-	-	-	-	-	4.17	4.55	5.79	3.09	-
1970	3.31	2.86	0	0	0	0	2.76	4.76	2.69	6.12	1.83	2.98	2.29
1971	.84	.50	.066	0	0	0	0	3.32	3.56	4.18	5.94	1.74	1.70
1972	.77	.028	.023	0	0	0	5.03	5.94	2.80	2.60	4.83	1.68	1.98
							Monthly and yearly runoff, in acre-feet						
1969	-	-	-	-	-	-	-	-	248	279	356	184	-
1970	204	170	0	0	0	0	164	292	160	376	112	177	1,660
1971	52	30	4.1	0	0	0	0	204	212	257	365	104	1,230
1972	47	1.7	1.4	0	0	0	299	365	167	160	297	100	1,440

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09271500 Ashley Creek near Jensen, Utah

LOCATION.--Lat 40°22'29", long 109°24'27", in NE¼NW¼NE¼ sec.23, T.5 S., R.22 E., Uintah County, on right bank just downstream from bridge on U.S. Highway 40, 3 miles (5 km) upstream from mouth and 3 miles (5 km) west of Jensen.

DRAINAGE AREA.--383 sq mi (992 km^2).

PERIOD OF RECORD.--October 1946 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 4,795.36 ft (1,461.626 m) above mean sea level.

EXTREMES.--Maximum discharge, 2,790 ft^3/s (79.0 m^3/s) June 6, 1968 (gage height, 7.04 ft or 2.146 m); maximum gage height, 7.16 ft (2.182 m) June 11, 1965; no flow part of Aug. 9, 1956, and several days in August and September 1960.

REMARKS.--Records good except those for winter period, which are poor. Flow increased since July 1940 by water released from Oaks Park Reservoir, capacity, 6,250 acre-ft (7.71 hm^3) on Big Brush Creek and diverted to Ashley Creek basin for irrigation. Large diversions above station for irrigation and municipal water supply mostly above station, including diversion to Steinaker Reservoir, constructed by the Bureau of Reclamation in 1961, capacity, 38,090 acre-ft (47.0 hm^3). Records of Steinaker Reservoir diversion are in the Bureau of Reclamation office at Provo, Utah. Union Canal is only diversion between gage and mouth of creek.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1947	7.14	19.8	35.1	56.1	56.7	48.1	18.7	509	506	35.7	25.9	15.3	111
1948	29.8	47.7	53.8	46.6	53.9	64.8	35.3	202	91.3	8.65	4.27	2.79	53.
1949	8.26	17.4	24.0	31.8	41.4	65.2	22.0	185	520	32.7	7.42	10.0	80.
1950	61.6	63.5	56.2	55.0	51.4	89.7	104	383	333	69.4	14.9	21.2	109
1951	35.1	43.7	51.5	45.1	45.8	32.5	11.8	125	91.6	8.35	11.9	18.6	43.
1952	58.3	55.8	53.3	48.9	45	67.1	167	515	410	30.4	49.7	39.1	128
1953	36.8	49.9	65	62.4	56.4	59.1	25.8	19.9	76.5	3.40	2.57	2.74	38.
1954	7.41	23.4	41.4	45	40.3	25.5	11.7	42.3	21.9	2.82	1.32	3.46	22.
1955	15.5	21.1	34.8	36	35	51.5	21.1	15.4	25.7	1.19	2.00	.85	21.
1956	3.65	12.7	30.7	35.8	33.3	27.6	7.08	105	43.9	3.03	.45	1.38	25.
1957	2.42	7.19	17.4	24.5	36.6	25.2	11.1	6.91	348	25.2	10.0	15.9	43.
1958	25.6	66.0	67.1	49.5	52.6	50.6	25.7	222	127	5.81	1.62	1.37	58.
1959	3.09	11.7	20.6	28.2	30.0	23.4	8.86	4.96	3.54	3.72	1.69	3.83	11.
1960	11.5	13.4	20.7	26.7	31.8	50.5	10.3	12.5	24.8	1.52	.41	.11	17.
1961	3.81	8.85	13.0	21.0	20.4	9.66	5.90	4.63	22.4	2.27	.21	10.3	10.
1962	40.1	43.8	55.7	34.5	85.8	86.8	97.9	243	156	39.5	5.37	4.75	74.
1963	21.8	24.0	26.2	24.5	29.6	15.2	10.0	11.7	14.9	1.82	1.68	5.53	15.
1964	7.76	13.8	12.3	12.3	17.1	21.7	11.7	51.4	48.4	4.46	3.14	3.44	17.
1965	10.2	26.8	27.8	27.8	35.8	52.1	30.5	11.8	584	83.1	43.6	75.4	83.
1966	232	108	66.9	50.0	35.6	69.8	18.3	56.0	20.6	5.47	5.10	7.87	56.
1967	21.4	22.7	26.8	24.5	29.6	39.0	15.0	138	627	78.2	21.2	26.7	88.
1968	24.0	30.2	30.1	18.9	34.9	46.8	33.6	38.4	685	32.0	55.5	35.2	87.
1969	48.8	39.2	38.4	33.6	32.7	59.1	46.7	194	190	29.8	16.9	33.1	63.
1970	46.0	38.3	36.6	35.1	34.2	27.1	18.0	24.2	243	33.7	22.6	26.6	48.
1971	48.0	40.4	40.5	37.9	39.4	30.6	22.6	36.2	173	28.4	15.6	28.7	44.
1972	35.9	50.2	53.8	33.5	23.5	24.9	16.3	30.4	67.5	12.0	9.50	13.9	30.
1973	33.9	42.1	32.1	35.6	36.5	57.7	34.3	482	770	47.4	34.8	64.1	139
						Monthly and yearly runoff, in acre-feet							
1947	439	1,180	2,160	3,450	3,150	2,960	1,110	31,290	30,140	2,200	1,590	910	80,580
1948	1,830	2,840	3,310	2,870	3,100	3,980	2,100	12,410	5,430	532	263	166	38,830
1949	508	1,030	1,470	1,960	2,300	4,010	1,310	11,370	30,920	2,020	456	596	57,950
1950	3,790	3,780	3,450	3,380	2,850	5,510	6,170	23,580	19,820	4,270	914	1,260	78,780
1951	2,160	2,600	3,160	2,770	2,540	2,000	705	7,720	5,450	513	732	1,110	31,460
1952	3,590	3,320	3,270	3,000	2,590	4,120	9,940	31,670	24,400	1,870	3,060	2,320	93,150
1953	2,260	2,970	4,000	3,840	3,130	3,640	1,530	1,230	4,550	209	158	163	27,680
1954	456	1,390	2,540	2,770	2,240	1,560	698	2,600	1,300	173	81	206	16,030
1955	951	1,250	2,140	2,210	1,940	3,140	1,260	950	1,530	73	123	51	15,620
1956	224	757	1,890	2,200	1,910	1,700	421	6,430	2,610	186	28	82	18,440
1957	149	428	1,070	1,500	2,030	1,550	663	425	20,730	1,550	615	948	31,660
1958	1,580	3,930	4,130	3,040	2,930	3,110	1,530	13,660	7,580	357	100	82	42,020
1959	190	695	1,270	1,740	1,670	1,440	527	305	211	228	104	228	8,610
1960	709	797	1,270	1,640	1,830	3,100	613	771	1,480	94	25	6.5	12,340
1961	234	527	799	1,290	1,130	594	351	285	1,330	140	13	613	7,310
1962	2,470	2,610	3,430	2,120	4,760	5,340	5,830	14,950	9,300	2,430	330	283	53,840
1963	1,340	1,430	1,610	1,510	1,640	933	596	721	886	112	104	329	11,200
1964	477	823	758	754	986	1,330	694	3,160	2,880	274	193	205	12,540
1965	630	1,590	1,710	1,710	1,990	3,200	1,820	727	34,720	5,110	2,680	4,490	60,380
1966	14,260	6,410	4,120	3,070	1,980	4,290	1,090	3,440	1,220	336	313	468	41,000
1967	1,320	1,350	1,650	1,510	1,650	2,400	890	8,460	37,320	4,810	1,300	1,590	64,240
1968	1,480	1,800	1,850	1,160	2,010	2,880	2,000	2,360	40,730	1,970	3,410	2,090	63,730
1969	3,000	2,330	2,360	2,070	1,820	3,630	2,780	11,960	11,330	1,830	1,040	1,970	46,120
1970	2,830	2,280	2,250	2,160	1,900	1,670	1,070	1,490	14,450	2,070	1,390	1,580	35,130
1971	2,950	2,400	2,490	2,330	2,190	1,880	1,350	2,230	10,280	1,750	958	1,710	32,510
1972	2,210	2,990	3,310	2,060	1,350	1,530	968	1,870	4,020	740	584	828	22,450
1973	2,080	2,500	1,970	2,190	2,030	3,550	2,040	29,620	45,800	2,910	2,140	3,810	100,700

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09272500 Duchesne tunnel near Kamas, Utah
(Transmountain diversion)

LOCATION.--Lat 40°35'33", long 111°00'07", in NE¼ sec.2, T.3 S., R.8 E., Summit County, on left bank 600 ft (183 m) downstream from tunnel outlet, 3 miles (5 km) upstream from Soapstone Creek, and 14 miles (22 km) east of Kamas.

PERIOD OF RECORD.--October 1953 to June 1969.

GAGE.--Water-stage recorder with Parshall flume, and Sparling water meter for low flow. Datum of gage is 8,098.5 ft (2,468.4 m) Bureau of Reclamation design plan.

EXTREMES.--Maximum discharge, 729 ft^3/s (20.6 m^3/s) June 20, 1962 (gage height, 4.88 ft or 1.487 m); minimum daily, 0.6 ft^3/s (0.017 m^3/s) of seepage on many days in 1960, 1961, 1965, 1966, 1967, when flow was cut off at head of tunnel.

REMARKS.--Records good. Tunnel diverts from Duchesne River in Colorado River Basin to Jordan River basin, and normally includes about 1.5 ft^3/s (0.042 m^3/s) tunnel seepage.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second.							
1961	9.12	10.4	8.99	6.11	5.91	6.95	14.0	149	43.1	0.99	0.96	41.8	24.9
1962	41.5	23.7	18.5	15.5	15.1	13.6	80.8	211	411	81.8	17.8	7.53	78.1
1963	9.87	6.65	5.43	3.31	6.20	5.79	10.4	207	286	38.5	6.52	18.3	50.3
1964	12.6	12.0	8.15	7.84	6.50	7.10	9.21	202	248	91.5	16.7	2.96	52.1
1965	5.53	5.65	7.02	9.50	9.50	9.00	18.4	139	142	241	52.0	1.91	53.8
1966	.60	.60	.60	.60	.60	.60	9.90	245	108	11.5	.60	6.83	32.3
1967	11.3	10.3	10.6	9.13	8.24	8.29	13.4	158	86.2	112	31.5	12.1	39.6
1968	11.3	8.30	7.95	7.22	7.28	8.10	14.2	82.9	1.08	65.4	39.7	.91	21.4
1969	.85	.90	.90	.90	.90	.90	.90	.90	91.9	-	-	-	-
						Monthly and yearly diversion, in acre-feet							
1954	224	493	460	430	389	430	1,830	16,180	4,950	1,650	681	555	28,270
1955	422	456	383	400	361	400	503	11,170	13,870	2,070	1,230	795	32,060
1956	621	626	700	700	645	553	2,160	14,910	7,260	2,390	873	456	31,890
1957	448	417	427	428	365	470	650	6,040	10,350	7,730	1,800	669	29,790
1958	700	672	615	615	571	1,190	5,260	5,260	9,490	1,760	734	574	22,740
1959	400	412	410	411	379	430	1,230	7,920	18,910	2,970	593	681	34,750
1960	1,520	1,150	605	529	545	712	2,740	12,080	13,350	1,260	47	61	34,600
1961	561	617	553	375	328	427	831	9,150	2,560	61	59	2,490	18,010
1962	2,550	1,410	1,140	952	841	835	4,810	12,950	24,470	5,030	1,090	448	56,520
1963	607	396	334	204	344	356	621	12,720	17,010	2,370	401	1,090	36,440
1964	775	713	501	482	374	436	548	12,440	14,760	5,630	1,030	176	37,860
1965	340	336	432	584	528	553	1,090	8,550	8,430	14,830	3,200	114	38,980
1966	37	36	37	37	33	37	589	15,050	6,400	710	37	406	23,400
1967	698	614	655	562	457	510	794	9,690	5,130	6,910	1,940	723	28,670
1968	695	494	489	444	419	498	843	5,100	64	4,020	2,440	54	15,560
1969	52	54	55	55	50	55	54	55	5,470	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09273000 Duchesne River at Provo River Trail, near Hanna, Utah

LOCATION.--Lat 40°37'30", long 110°53'50", in SE¼ sec.27, T.3 N., R.9 W., Uintah meridian, on right bank 400 ft (122 m) downstream from Provo River Trail, 7 miles (11 km) upstream from Hades Creek, and 12 miles (19 km) northwest of Hanna.

DRAINAGE AREA.--39 sq mi (101 km^2), approximately.

PERIOD OF RECORD.--July 1929 to September 1933 (published as North Fork Duchesne River), October 1935 to September 1943, October 1944 to September 1954.

GAGE.--Water-stage recorder. Datum of gage is 8,135.97 ft (2,479.84 m) above mean sea level (levels by Bureau of Reclamation).

AVERAGE DISCHARGE.--21 years (1929-33, 1935-43, 1944-53), 57.1 ft^3/s (1.62 m^3/s), 41,340 acre-ft/yr (51.0 hm^3/yr).

EXTREMES.--1929-33, 1935-54: Maximum discharge, 1,180 ft^3/s (33.4 m^3/s) June 13, 1953 (gage height, 4.30 ft or 1.311 m); no flow during part of 1954.

REMARKS.--Since Oct. 20, 1953, practically all flow is diverted through Duchesne tunnel, a few hundred feet above station, for use in The Great Basin. Capacity of tunnel is about 600 ft^3/s (17.0 m^3/s).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1929	-	-	-	-	-	-	-	-	-	82.1	35.0	23.6	-
1930	15.7	15	12	12	12	15	39.9	152	309	37.7	48.8	27.0	57.9
1931	29.4	20.7	19	18	18	18	18.4	136	88.1	14.2	5.9	4.0	32.6
1932	5.3	8	10	10	10	9	18.3	205	401	76.0	19.4	12.5	65.2
1933	8.5	6	4	3	3	3	4	42.9	364	40.8	12.9	8.0	41.4
1936	6	6	5	5	5	5	16.7	405	226	71.8	40.1	19.4	68.0
1937	10.6	9.5	8	7	6	6	15	337	164	38.9	14.0	9.7	52.5
1938	10.1	8.3	8.0	7.0	7.0	8.0	15.0	195	287	38.7	15.9	12.8	51.1
1939	16.1	15	13	12	10	13	50	247	96.0	21.7	9.9	11.1	43.2
1940	12.8	6.2	3.2	3.0	3.0	5.0	24.1	287	71.0	15.1	6.0	15.4	38.0
1941	28.0	16.2	10	8	8	10	13.9	306	316	53.3	22.7	11.4	67.2
1942	13.6	11.3	5	5	5	5	34.2	158	307	45.9	13.9	7.5	50.9
1943	6.7	6.1	5	4	5	6.4	50.6	274	306	76.9	27.5	11.1	65.1
1945	7.62	6.98	5	5	5	5	8.60	183	275	83.1	39.8	19.1	53.8
1946	11.5	12.0	10.0	9.32	9.00	10.1	87.6	238	234	31.9	13.1	8.24	56.3
1947	12.5	10.3	10.4	9	8	9.74	20.4	315	318	77.9	22.3	10.9	68.9
1948	8.56	8.75	6.93	6	6	6.5	13.6	228	159	22.5	10.8	5.05	40.3
1949	5.35	7.06	6.5	5.74	5.5	6.52	37.1	197	421	79.8	14.5	9.13	66.2
1950	11.7	10.2	7.14	6.5	6.0	7.0	30.4	170	503	99.5	16.6	10.6	73.1
1951	8.62	10.8	9.26	9.36	9.6	9.6	26.8	221	415	105	34.4	12.7	72.7
1952	14.4	9.59	9	8	8	8	36.1	298	469	89.8	30.4	17.9	83.1
1953	10.3	6.04	6.5	6.5	6.0	6.45	19.4	64.6	402	62.9	23.7	7.65	51.6
1954	3.71	.84	.5	.3	.3	.3	.2	7.32	0	0	.06	.02	1.15
						Monthly and yearly discharge, in acre-feet							
1929	-	-	-	-	-	-	-	-	-	5,050	2,150	1,400	-
1930	965	893	738	738	666	922	2,370	9,350	18,400	2,320	3,000	1,610	42,000
1931	1,810	1,230	1,170	1,110	1,000	1,110	1,090	8,360	5,240	873	363	238	23,600
1932	326	476	615	615	575	553	1,090	12,600	23,900	4,670	1,190	744	47,350
1933	523	357	246	184	167	184	238	2,640	21,700	2,510	793	476	30,000
1936	369	357	307	307	288	307	992	24,910	13,470	4,410	2,470	1,150	49,340
1937	653	567	492	430	333	369	893	20,710	9,750	2,390	861	575	38,020
1938	623	496	492	430	389	492	893	11,990	17,080	2,380	978	762	37,000
1939	990	893	799	738	555	799	2,980	15,210	5,710	1,330	611	659	31,270
1940	785	369	194	184	173	307	1,430	17,670	4,220	926	369	914	27,540
1941	1,720	966	615	492	444	615	825	18,830	18,790	3,280	1,400	678	48,660
1942	837	674	307	307	278	307	2,030	9,720	18,280	2,820	857	448	36,860
1943	413	361	307	246	278	395	3,010	16,860	18,190	4,730	1,690	659	47,140
1945	468	415	307	307	278	307	512	11,280	16,360	5,110	2,450	1,140	38,930
1946	710	712	615	573	500	619	5,210	14,620	13,910	1,960	804	491	40,720
1947	768	611	637	553	444	599	1,210	19,360	18,900	4,790	1,370	650	49,890
1948	526	521	426	369	345	400	807	14,040	9,450	1,380	662	300	29,230
1949	329	420	400	353	305	401	2,210	12,110	25,070	4,910	891	543	47,940
1950	722	606	439	400	333	430	1,810	10,480	29,960	6,120	1,020	629	52,950
1951	530	645	570	576	533	590	1,600	13,570	24,700	6,460	2,110	758	52,640
1952	883	571	553	492	460	492	2,150	18,330	27,940	5,520	1,870	1,060	60,320
1953	634	359	400	400	333	397	1,150	3,970	23,950	3,870	1,460	455	37,380
1954	228	50	31	18	17	18	12	450	0	0	3.8	1.2	829

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09273200 Duchesne River below Little Deer Creek near Hanna, Utah

LOCATION.--Lat 40°37'20", long 110°53'30", in S½ sec.27, T.3 N., R.9 W., Uintah meridian, on left bank 300 ft (91 m) downstream from Little Deer Creek, about 0.3 mile (0.5 km) downstream from entrance to Duchesne tunnel and 13.5 miles (21.7 km) northwest of Hanna.

DRAINAGE AREA.--39 sq mi (101 km^2), approximately.

PERIOD OF RECORD.--October 1964 to September 1968.

GAGE.--Digital recorder. Altitude of gage is 8,000 ft (2,438 m) from topographic map. Prior to June 27, 1966, at site 250 ft (76 m) upstream at different datum.

EXTREMES.--Maximum discharge not determined, occurred about June 13, 1965, stage unkown; minimum daily, 0.20 ft^3/s (0.006 m^3/s) several days most years. Maximum discharge known, June 16, 1963, estimated peak flow 47,000 ft^3/s (1,331 m^3/s) caused by failure of Little Deer Creek dam.

REMARKS.--Records good. There is a transmountain diversion above station through Duchesne tunnel (see station 09272500).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1965	1.07	0.41	0.74	1.01	1.16	0.71	1.53	16.3	389	37.7	1.22	29.1	39.6
1966	20.5	13.3	7.98	5.60	5.60	11.8	36.0	9.48	.65	16.5	16.3	5.16	12.5
1967	.20	.20	.20	.20	.20	.20	.20	13.8	343	58.2	1.43	1.11	34.6
1968	.25	.28	.28	.25	.25	.22	.26	37.0	455	9.52	5.11	20.7	43.5
						Monthly and yearly runoff, in acre-feet							
1965	66	25	46	62	64	43	91	1,000	23,140	2,320	75	1,730	28,660
1966	1,260	792	491	344	311	728	2,140	583	38	1,020	1,000	307	9,020
1967	12	12	12	12	11	12	12	847	20,400	3,580	88	66	25,060
1968	16	17	17	15	14	13	16	2,270	27,050	586	314	1,230	31,570

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09273500 Hades Creek near Hanna, Utah

LOCATION.--Lat 40°32'10", long 110°52'00", in SE¼ sec.26, T.2 N., R.9 W., Uintah meridian, on right bank 11 miles (18 km) northwest of Hanna, at mile 0.25 (0.40 km).

DRAINAGE AREA.--7.5 sq mi (19.4 km^2), approximately.

PERIOD OF RECORD. --August 1949 to September 1968.

GAGE.--Digital water-stage recorder. Altitude of gage is 7,460 ft (2,274 m) from river-profile map. Prior to Sept. 11, 1967, graphic water-stage recorder at present site and datum.

AVERAGE DISCHARGE.--19 years, 9.04 ft^3/s (0.26 m^3/s), 6,550 acre-ft/yr (8.07 hm^3/yr).

EXTREMES.--Maximum discharge, 156 ft^3/s (4.42 m^3/s) June 20, 1968; maximum gage height recorded, 3.65 ft (1.11 m) Dec. 11, 1961 (backwater from ice); no flow at times in 1956, 1961.

REMARKS.--Records good except those for the winter period, and periods of no gage-height record, which are fair. Two diversions about 2,000 ft (610 m) above station to irrigate about 60 acres 24 hm^2).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1949	-	-	-	-	-	-	-	-	-	-	-	2.28	-
1950	1.05	3.44	3.0	2.5	2.09	2.0	6.14	19.7	58.2	28.2	6.84	3.98	11.4
1951	4.37	3.65	3.27	3.01	2.5	2.5	3.77	22.5	50.5	23.6	14.2	6.46	11.7
1952	3.29	3.50	3.59	3.5	3.5	3.5	9.50	32.0	70.4	28.2	12.7	5.66	14.9
1953	5.42	4.08	3.17	3.0	2.5	2.5	3.16	4.25	39.6	17.6	7.47	1.87	7.89
1954	.45	2.40	2.22	2.0	1.9	1.9	2.47	18.5	8.29	4.69	2.34	.53	3.99
1955	.46	2.96	2.64	2.5	2.0	2.0	2.14	16.8	27.7	10.5	4.94	1.96	6.39
1956	2.96	2.69	2.82	2.0	2.0	2.10	3.92	26.2	46.1	12.2	4.96	1.10	9.08
1957	.41	.54	.52	.5	.5	.6	1.00	5.98	58.3	28.5	9.82	5.45	9.34
1958	2.80	2.37	2.15	1.70	1.6	1.54	2.75	24.7	38.8	8.74	1.81	.99	7.50
1959	.72	2.29	1.97	1.8	1.6	1.5	3.33	9.49	28.6	12.2	4.70	.52	5.72
1960	1.92	4.17	2.61	1.74	1.5	2.00	4.93	10.6	23.1	7.84	2.18	.19	5.22
1961	.28	1.90	1.86	2.00	1.50	1.68	1.51	5.16	10.5	5.70	2.75	7.29	3.51
1962	8.95	6.92	4.68	3.66	3.59	2.66	8.81	26.1	47.9	30.5	7.99	2.73	12.9
1963	1.38	2.91	3.18	2.86	2.77	2.68	2.75	14.6	36.0	12.8	5.59	7.47	7.91
1964	6.45	4.37	3.35	2.61	2.20	2.00	2.48	16.7	49.1	23.9	7.77	3.22	10.3
1965	.91	.52	.37	.40	.40	.55	.97	13.2	61.5	54.4	18.9	12.1	13.7
1966	9.71	7.81	5.93	4.81	3.56	2.96	5.28	20.6	15.2	8.46	4.65	2.19	7.63
1967	1.15	3.12	1.85	1.61	1.52	2.16	2.78	12.7	50.3	32.1	9.45	4.50	10.3
1968	2.72	3.44	3.01	2.74	2.64	2.66	3.01	6.35	64.5	33.2	14.7	9.17	12.3
						Monthly and yearly runoff, in acre-feet							
1949	-	-	-	-	-	-	-	-	-	-	-	136	
1950	65	204	184	154	116	123	366	1,210	3,460	1,730	420	237	8,270
1951	269	217	201	185	139	154	224	1,380	3,000	1,450	871	385	8,460
1952	202	208	221	215	201	215	565	1,970	4,190	1,730	783	337	10,840
1953	333	243	195	184	139	154	188	261	2,360	1,080	460	111	5,710
1954	27	143	137	123	106	117	147	1,140	493	288	144	32	2,900
1955	29	176	163	154	111	123	127	1,030	1,650	643	304	117	4,630
1956	182	160	174	123	115	129	233	1,610	2,740	749	305	65	6,580
1957	25	32	32	31	28	37	60	368	3,470	1,750	604	324	6,760
1958	172	141	132	104	89	94	164	1,520	2,310	537	111	59	5,430
1959	44	136	121	111	89	92	198	584	1,700	749	289	31	4,140
1960	118	248	160	107	86	123	293	652	1,370	482	134	11	3,780
1961	17	113	115	123	83	103	90	317	627	350	169	434	2,540
1962	550	412	288	225	199	164	524	1,600	2,850	1,880	492	162	9,340
1963	85	173	195	176	154	165	163	897	2,140	789	344	445	5,730
1964	397	260	206	161	127	123	148	1,020	2,920	1,470	478	192	7,500
1965	56	31	23	25	22	34	58	813	3,660	3,350	1,160	720	9,950
1966	597	465	365	296	198	182	314	1,270	904	520	286	130	5,520
1967	71	185	114	99	84	133	165	783	3,000	1,970	581	268	7,450
1968	167	205	185	168	152	163	179	390	3,840	2,040	904	545	8,940

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09274000 Duchesne River near Hanna, Utah

LOCATION.--Lat 40°32'00", long 110°52'00", in NE¼ sec.35, T.2 N., R.9 W., Uintah meridian, on right bank 100 ft (30 m) downstream from Hades Creek and 11 miles (18 km) northwest of Hanna.

DRAINAGE AREA.--78 sq mi, (202 km^2), approximately.

PERIOD OF RECORD.--August 1921 to September 1923, June 1929 to September 1930 (fragmentary), March 1946 to September 1963. Prior to 1946, published as North Fork Duchesne River near Hanna.

GAGE.--Water-stage recorder. Altitude of gage is 7,380 ft (2,249 m) from river-profile map. Prior to Mar. 28, 1946, staff gage at site 150 ft (46 m) downstream at different datum. Mar. 28, 1946 to Sept. 9, 1953, water-stage recorder at site 150 ft (46 m) downstream at datum 0.42 ft (0.13 m) lower.

EXTREMES.--Maximum discharge, about 17,500 ft^3/s (496 m^3/s) June 16, 1963, caused by failure of Little Deer Creek Dam 8 miles (13 km) upstream; minimum recorded, 4.6 ft^3/s (0.13 m^3/s) Nov. 14, 1956, Mar. 1, 1961.

REMARKS.--Records good except those for periods of ice effect or no gage-height record. Diversions for irrigation of about 60 acres (24 hm^2) above station. Water is also diverted above station through Duchesne tunnel, capacity, 600 ft^3/s (16.9 m^3/s), to Provo River for use in The Great Basin; diversion began Oct. 20, 1953 (see station 09272500).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1921	-	-	-	-	-	-	-	-	-	-	-	54.7	-
1922	29.7	23.5	22.1	20.0	20.0	22.0	40.1	382	941	270	121	35.0	161
1923	23.2	21.3	21.8	23.0	25.0	27.1	60.0	413	682	243	66.6	34.2	137
1929	-	-	-	-	-	-	-	-	-	164	69.2	44.2	-
1930	-	-	-	-	-	-	-	-	-	79.6	82.0	53.3	-
1946	-	-	-	-	-	-	167	388	345	70.1	32.2	20.5	-
1947	23.7	20.8	18.1	16	17	26.9	61.8	528	478	145	54.6	28.0	119
1948	21.4	20.6	17.5	16	16	17	37.0	402	285	53.7	27.3	15.7	77.6
1949	15.2	16.5	15.0	13.5	13.9	21.1	97.9	367	639	160	39.5	21.0	118
1950	23.0	21.7	18.4	16.0	15.0	18.0	95.3	318	766	172	41.0	31.1	128
1951	22.4	24.6	23.0	20.4	21	21	74.8	393	609	181	79.5	32.2	125
1952	30.2	20.7	18	16	15	15	95.0	542	742	174	75.6	40.1	149
1953	23.6	18.0	17	16	15	16.2	40.8	115	578	114	53.4	21.4	85.5
1954	13.9	9.58	8.37	7.37	7.18	7.33	27.8	107	38.4	19.9	11.2	8.58	22.4
1955	8.12	8.00	6.76	6.21	5.5	5.5	12.4	156	118	34.5	18.4	11.0	32.7
1956	10.5	8.47	9.15	7.33	7.0	9.52	48.0	262	383	38.4	17.1	9.07	67.3
1957	8.81	7.21	6.65	6.06	6.0	7.90	17.1	76.0	643	95.9	30.9	17.6	76.5
1958	13.7	10.9	9.12	7.63	7.0	6.35	24.0	410	241	33.5	14.4	10.4	66.1
1959	9.17	9.83	7.71	6.01	5.27	6.23	23.6	78.9	124	38.6	25.7	14.5	29.2
1960	15.9	15.2	9.66	7.86	7.34	12.1	37.2	99.3	99.4	38.0	23.3	18.7	32.0
1961	13.2	9.44	7.16	6.00	5.00	5.48	12.1	54.0	84.6	35.4	27.2	27.5	24.0
1962	26.2	20.2	15.1	12.3	12.6	12.6	85.8	183	193	79.3	25.0	14.0	56.7
1963	11.3	9.61	7.79	6.40	6.24	8.03	16.3	125	170	41.3	38.4	40.0	40.1
							Monthly and yearly runoff, in acre-feet						
1921	-	-	-	-	-	-	-	-	-	-	-	3,250	-
1922	1,830	1,400	1,360	1,230	1,110	1,350	2,390	23,500	56,000	16,600	7,440	2,080	118,000
1923	1,430	1,270	1,340	1,410	1,390	1,670	3,570	25,400	40,600	14,900	4,100	2,040	99,100
1929	-	-	-	-	-	-	-	-	-	10,100	4,250	2,630	-
1930	-	-	-	-	-	-	-	-	-	4,890	5,040	3,170	-
1946	-	-	-	-	-	-	9,930	23,850	20,520	4,310	1,980	1,220	-
1947	1,460	1,240	1,110	984	944	1,650	3,680	32,490	28,440	8,930	3,360	1,670	85,960
1948	1,310	1,220	1,080	984	920	1,050	2,200	24,710	16,970	3,300	1,680	936	56,360
1949	932	982	922	827	774	1,300	5,830	22,550	38,050	9,850	2,430	1,250	85,700
1950	1,420	1,290	1,130	984	833	1,110	5,670	19,530	45,600	10,570	2,520	1,850	92,510
1951	1,370	1,460	1,410	1,250	1,170	1,290	4,450	24,150	36,240	11,110	4,890	1,920	90,710
1952	1,860	1,230	1,110	984	863	922	5,655	33,320	44,180	10,720	4,650	2,390	107,900
1953	1,450	1,070	1,050	984	833	994	2,430	7,080	34,410	7,010	3,280	1,270	61,860
1954	853	570	515	453	399	451	1,660	6,590	2,280	1,220	692	510	16,190
1955	499	476	416	382	305	338	738	9,580	7,010	2,120	1,130	656	23,650
1956	644	504	563	451	403	585	2,860	16,080	22,820	2,360	1,050	540	48,860
1957	542	429	409	372	333	486	1,020	4,670	38,270	5,890	1,900	1,050	55,370
1958	845	648	561	469	389	391	1,430	25,230	14,350	2,060	885	622	47,880
1959	564	585	474	370	293	383	1,410	4,850	7,400	2,370	1,580	863	21,140
1960	980	902	594	484	422	742	2,210	6,110	5,910	2,340	1,430	1,110	23,230
1961	811	562	440	369	278	337	722	3,320	5,040	2,170	1,670	1,640	17,360
1962	1,610	1,200	930	756	702	774	5,100	11,250	11,500	4,880	1,540	833	41,070
1963	694	572	479	394	347	493	968	7,710	10,140	2,540	2,360	2,380	29,070

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09275000 West Fork Duchesne River below Dry Hollow, near Hanna, Utah

LOCATION.--Lat 40°26'55", long 110°58'30", in SW¼SW¼ sec.25, T.1 N., R.10 W., Uintah meridian, on left bank 300 ft (91 m) downstream from Dry Hollow, 5 miles (8 km) upstream from Wolf Creek, and 12 miles (19 km) northwest of Hanna.

DRAINAGE AREA.--47 sq mi (122 km^2), approximately.

PERIOD OF RECORD.--August 1949 to September 1968.

GAGE.--Digital water-stage recorder. Altitude of gage is 7,656 ft (2,334 m) from topographic map. Prior to Oct. 12, 1966, graphic water-stage recorder at present site and datum.

AVERAGE DISCHARGE.--19 years, 37.7 ft^3/s (1.07 m^3/s), 27,290 acre-ft/yr (33.7 hm^3/yr).

EXTREMES.--Maximum discharge, 735 ft^3/s (20.8 m^3/s), June 7, 1965, June 5, 1968; maximum gage height, 4.38 ft (1.34 m) June 5, 1968; minimum discharge recorded, 2.6 ft^3/s (0.07 m^3/s) sometime between Dec. 20, 1956, and Mar. 7, 1957, from recorded range in stage, result of freezeup.

REMARKS.--Records good except those for the winter period, which are fair. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1949	-	-	-	-	-	-	-	-	-	-	-	14.2	-
1950	13.3	11.6	9.3	8.0	8.7	11.4	44.4	174	238	59.8	22.3	16.6	51.5
1951	13.7	13.9	12.9	11.6	10.0	10.0	26.1	151	136	36.0	19.2	12.7	37.9
1952	13.0	10.8	10.5	10	11	10	42.5	289	296	67.5	31.5	19.9	67.7
1953	14.2	10.8	10	9	8	8.74	17.4	62.1	193	38.2	18.2	13.5	33.5
1954	12.2	11.3	9.66	9.16	10	10.6	32.8	113	35.6	17.5	11.3	10.8	23.8
1955	9.29	8.19	8.45	7.63	7	7.5	12.3	160	98.3	28.1	15.3	9.05	31.1
1956	7.62	8.08	8.28	7	7	8.42	30.4	191	111	25.0	14.5	11.5	35.9
1957	10.2	9.38	7.97	7.24	7.38	8.25	14.9	95.3	246	54.2	21.9	14.1	41.4
1958	12.0	10.1	9.03	8.48	7.00	6.68	21.2	238	143	28.2	15.8	12.0	42.9
1959	9.82	9.19	7.65	6.40	6.68	7.20	21.9	80.8	61.9	13.2	10.7	10.1	20.5
1960	10.3	7.33	5.60	5.46	5.86	8.16	26.1	109	54.4	14.8	8.23	8.42	22.0
1961	8.75	7.18	6.27	6.07	6.70	8.39	18.9	61.6	21.4	7.67	7.07	9.73	14.2
1962	9.56	9.71	8.27	6.65	6.82	6.58	67.2	214	226	51.1	18.4	12.9	53.2
1963	12.5	10.8	9.03	8.35	9.71	8.85	12.2	123	103	24.4	19.1	14.6	29.8
1964	11.7	10.8	7.88	7.25	7.00	7.19	12.2	144	144	42.8	18.9	13.8	35.7
1965	10.6	10.1	10.2	8.78	8.00	7.29	19.2	138	316	76.0	31.5	20.8	54.8
1966	15.7	12.5	11.4	9.18	8.34	11.8	54.5	161	56.6	22.3	14.1	11.8	32.6
1967	11.4	10.7	9.31	8.79	8.65	9.73	15.2	122	268	73.0	26.0	16.8	48.3
1968	12.8	11.4	9.63	8.28	7.89	9.90	17.8	109	201	41.3	24.2	15.6	38.9
							Monthly and yearly runoff, in acre-feet						
1949	-	-	-	-	-	-	-	-	-	-	-	843	-
1950	817	692	573	492	484	700	2,640	10,680	14,170	3,680	1,370	988	37,290
1951	843	827	791	712	555	615	1,550	9,290	8,110	2,220	1,180	756	27,450
1952	801	641	647	615	633	615	2,530	17,780	17,630	4,150	1,940	1,190	49,170
1953	873	641	615	553	444	538	1,030	3,820	11,500	2,350	1,120	801	24,280
1954	748	672	594	563	555	655	1,950	6,960	2,120	1,080	698	641	17,240
1955	571	487	520	469	389	461	734	9,830	5,850	1,730	940	538	22,520
1956	469	481	509	430	403	518	1,810	11,760	6,590	1,530	891	684	26,080
1957	627	558	490	445	410	507	888	5,860	14,670	3,330	1,350	840	29,980
1958	736	600	555	522	389	411	1,260	14,660	8,520	1,730	974	714	31,070
1959	604	547	470	394	371	443	1,300	4,970	3,680	814	659	600	14,850
1960	636	436	345	336	337	502	1,560	6,700	3,240	911	506	501	16,010
1961	538	427	386	373	372	516	1,120	3,790	1,270	471	435	579	10,280
1962	588	578	509	409	379	405	4,000	13,170	13,440	3,140	1,130	770	38,530
1963	766	643	555	514	540	544	729	7,570	6,140	1,500	1,170	869	21,540
1964	720	641	485	446	403	442	728	8,860	8,540	2,630	1,160	821	25,890
1965	654	601	627	540	444	448	1,140	8,520	18,830	4,680	1,930	1,240	39,640
1966	968	744	702	564	463	723	3,250	9,910	3,370	1,370	865	700	23,620
1967	703	637	573	541	480	598	903	7,490	15,970	4,490	1,600	1,000	34,980
1968	787	678	592	509	454	609	1,060	6,680	11,940	2,540	1,490	930	28,270

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09275500 West Fork Duchesne River near Hanna, Utah

LOCATION.--Lat 40°27'01", long 110°53'01", in SE¼NE¼SE¼ sec.27, T.1 N., R.9 W., Uintah meridian, Duchesne County, on left bank 1,500 ft (457 m) upstream from Wolf Creek, and 7.5 miles (12.1 km) northwest of Hanna.

DRAINAGE AREA.--61 sq mi (158 km^2), approximately.

PERIOD OF RECORD.--May to October 1904 (gage heights only, fragmentary), August 1921 to March 1922, October 1922 to September 1923, October 1945 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 7,218 ft (2,200 m) from topographic map. Prior to Oct. 1, 1923, nonrecording gages at approximately same site at different datums.

AVERAGE DISCHARGE.--29 years (1922-23, 1945-73), 48.8 ft^3/s (1.38 m^3/s), 35,360 acre-ft/yr (43.6 hm^3/yr).

EXTREMES.--Maximum discharge recorded, 758 ft^3/s (21.5 m^3/s) June 5, 1967; maximum gage height, 4.40 ft (1.341 m) June 4, 1952; minimum discharge recorded, 3.7 ft^3/s (0.105 m^3/s) Mar. 19, 1971, result of freezeup.

REMARKS.--Records good except those for no gage-height record or winter periods, which are poor. One small diversion for irrigation of about 100 acres (40.5 hm^2) above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1921	-	-	-	-	-	-	-	-	-	-	-	30.2	-
1922	25.4	21.1	21.6	22.1	22.7	18.3	-	-	-	-	-	-	-
1923	18.6	17.4	20	20	20	20	34.5	223	260	89.2	40.2	36.2	66.7
1946	18.7	19.1	15.7	15.6	15.0	18.5	86.4	183	84.3	27.8	19.4	15.0	43.4
1947	16.8	15.8	13.9	13	14.1	17.7	39.6	250	128	47.9	26.8	18.1	50.4
1948	17.0	16.0	15.6	14.8	14.1	14.4	27.4	173	90.5	29.2	17.8	13.8	37.1
1949	16.4	16.7	15.2	15.0	13.5	14.3	61.0	221	199	56.4	26.5	19.5	56.4
1950	20.1	15.2	13.7	12.0	14.3	23.1	65.8	219	271	68.8	31.5	25.5	65.1
1951	20.5	20.0	18.2	16.4	14.0	14.3	37.4	174	149	46.0	25.7	18.3	46.3
1952	17.4	14.6	15.6	14	15	14	59.1	366	335	81.3	41.3	29.6	83.7
1953	23.5	19.1	17.5	17.2	17.6	18.3	27.1	75.2	201	50.4	27.8	19.1	42.8
1954	19.0	17.9	15.1	13.9	15	16.0	40.2	116	44.8	20.8	14.7	14.7	29.1
1955	13.3	12.0	12.0	11	10	11	22.7	174	105	35.2	23.7	17	37.5
1956	16.2	15.0	15.3	13.7	14.0	16.6	42.5	213	117	37.1	23.0	14.3	45.0
1957	13.8	13.3	12.0	11.2	12.5	13.5	21.6	108	275	65.6	32.7	21.9	50.0
1958	23.1	20.1	18.8	17.5	14.5	13.6	34.4	260	167	39.6	23.2	20.8	54.6
1959	19.4	16.8	15.2	13.5	13.9	12.2	26.7	91.5	71.0	22.0	15.1	13.9	27.7
1960	15.3	14.2	10.8	10.7	11.7	16.0	37.1	121	60.0	20.2	12.0	12.5	28.6
1961	13.0	13.5	12.1	10.7	10.8	12.6	21.9	63.6	24.5	10.5	9.50	11.8	17.9
1962	13.2	13.8	11.5	9.65	10.8	11.0	82.4	257	235	61.6	28.8	22.0	63.2
1963	19.8	16.5	15.3	12.5	14.6	16.3	21.7	137	116	32.5	23.5	20.2	37.3
1964	16.5	15.5	13.8	13.6	13.2	12.4	21.7	168	169	54.5	26.7	20.9	45.6
1965	17.4	16.5	17.1	13.9	14.0	13.0	32.3	178	349	91.8	45.3	30.5	68.2
1966	27.8	23.5	20.0	15.7	13.5	20.4	71.6	190	73.0	32.1	21.9	20.2	44.4
1967	17.6	15.1	14.3	13.3	13.0	15.5	22.4	143	291	81.9	35.2	27.2	57.5
1968	22.5	18.5	16.5	12.9	12.8	15.2	25.3	131	239	54.0	33.7	24.8	50.4
1969	22.5	16.6	15.6	14.6	12.5	13.6	65.4	373	177	62.8	33.3	24.6	69.8
1970	22.9	18.2	15.0	17.5	16.5	15.6	21.0	157	158	41.4	23.1	19.5	43.9
1971	19.8	17.6	16.1	17.3	15.8	18.7	46.6	164	208	52.8	26.3	21.6	52.1
1972	21.9	19.5	16.4	16.5	15.5	21.6	43.6	212	131	39.2	22.5	19.6	48.3
1973	22.0	16.5	15.0	12.9	12.7	15.3	27.7	209	178	60.0	34.7	27.5	52.9
						Monthly and yearly runoff, in acre-feet							
1921	-	-	-	-	-	-	-	-	-	-	-	1,800	-
1922	1,560	1,260	1,330	1,360	1,260	1,130	-	-	-	-	-	-	-
1923	1,140	1,040	1,230	1,230	1,110	1,230	2,050	13,700	15,500	5,480	2,470	2,150	48,300
1946	1,150	1,130	966	958	833	1,140	5,140	11,270	5,010	1,710	1,190	891	31,390
1947	1,030	938	853	799	783	1,090	2,360	15,360	7,630	2,940	1,650	1,080	36,510
1948	1,050	950	958	910	811	883	1,630	10,670	5,390	1,800	1,090	819	26,960
1949	1,010	992	932	922	752	881	3,630	13,600	11,860	3,470	1,630	1,160	40,840
1950	1,240	906	843	738	793	1,420	3,910	13,440	16,150	4,230	1,940	1,520	47,130
1951	1,260	1,190	1,120	1,010	778	877	2,230	10,730	8,850	2,830	1,580	1,090	33,540
1952	1,070	869	958	861	863	861	3,520	22,490	19,960	5,000	2,540	1,760	60,450
1953	1,450	1,140	1,070	1,060	980	1,120	1,610	4,620	11,990	3,100	1,710	1,130	30,980
1954	1,170	1,070	928	855	833	982	2,390	7,140	2,660	1,280	902	873	21,080
1955	817	717	736	676	555	676	1,350	10,730	6,260	2,170	1,460	1,010	27,160
1956	996	893	942	845	805	1,020	2,530	13,110	6,980	2,280	1,410	851	32,660
1957	849	789	740	686	696	829	1,290	6,610	16,370	4,040	2,010	1,300	36,210
1958	1,420	1,200	1,150	1,080	805	837	2,050	16,000	9,930	2,430	1,430	1,240	39,570
1959	1,190	1,000	932	829	770	752	1,590	5,630	4,220	1,400	928	827	20,070
1960	942	843	664	659	672	986	2,210	7,460	3,570	1,240	738	744	20,730
1961	799	803	746	661	597	774	1,300	3,910	1,460	646	584	701	12,980
1962	809	821	710	593	601	674	4,900	15,780	14,000	3,790	1,770	1,310	45,760
1963	1,220	984	940	772	813	1,000	1,290	8,430	6,900	2,000	1,450	1,200	26,990
1964	1,020	924	847	835	762	762	1,290	10,340	10,060	3,350	1,640	1,240	33,080
1965	1,070	984	1,050	857	778	799	1,920	10,920	20,760	5,640	2,780	1,810	49,370
1966	1,710	1,400	1,230	966	750	1,250	4,260	11,700	4,340	1,970	1,340	1,200	32,140
1967	1,080	897	881	815	722	950	1,330	8,790	17,310	5,030	2,160	1,620	41,600
1968	1,380	1,100	1,020	793	738	932	1,500	8,060	14,200	3,320	2,070	1,480	36,600
1969	1,380	990	960	897	694	839	3,890	22,940	10,540	3,860	2,040	1,460	50,500
1970	1,410	1,080	922	1,080	918	962	1,250	9,680	9,380	2,550	1,420	1,160	31,810
1971	1,220	1,050	988	1,060	877	1,150	2,770	10,070	12,360	3,250	1,620	1,290	37,700
1972	1,350	1,160	1,010	1,020	893	1,330	2,590	13,010	7,770	2,410	1,390	1,170	35,090
1973	1,350	980	922	791	706	942	1,650	12,870	10,600	3,690	2,130	1,630	38,270

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09276000 Wolf Creek above Rhoades Canyon, near Hanna, Utah

LOCATION.--Lat 40°28'16", long 110°55'05", in NE¼SW¼NW¼ sec.21, T.1 N., R.9 W., Uintah meridian, Wasatch County, Wasatch National Forest, on left bank 1.5 miles (2.4 km) upstream from Rhoades Canyon, 2.8 miles (4.5 km) upstream from mouth, and 9 miles (14 km) northwest of Hanna.

DRAINAGE AREA.--9 sq mi (23 km^2), approximately.

PERIOD OF RECORD.--October 1945 to September 1973.

GAGE.--Water-stage recorder and masonry control. Altitude of gage is 7,740 ft (2,359 m) from topographic map.

AVERAGE DISCHARGE.--28 years, 7.63 ft^3/s (0.216 m^3/s), 5,530 acre-ft/yr (6.82 hm^3/yr).

EXTREMES.--Maximum discharge, 82 ft^3/s (2.32 m^3/s) June 8, 1952 (gage height, 2.64 ft or 0.805 m); minimum, 0.2 ft^3/s (0.01 m^3/s) sometime during Jan. 2-31, 1962, probably result of temporary obstruction upstream.

REMARKS.--Records good. No diversions above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1946	4.46	4.16	3.67	3.29	3.0	3.06	7.31	16.5	13.4	7.75	5.96	5.11	6.49
1947	4.71	4.17	3.45	3.02	2.96	3.10	3.53	26.0	21.5	13.1	86.3	7.52	8.51
1948	5.67	5.20	5.14	4.59	4.12	3.8	3.49	14.9	12.7	7.18	5.77	4.48	6.43
1949	4.19	3.75	3.19	3.00	2.89	2.78	3.91	18.0	26.9	13.3	9.26	7.11	8.21
1950	6.50	5.09	4.68	4.08	3.92	3.65	4.92	17.4	31.5	17.2	10.7	8.65	9.87
1951	7.66	6.45	5.76	5.16	4.66	4.22	4.41	17.1	22.7	13.5	9.45	7.13	9.04
1952	5.74	4.78	3.96	3.46	3.47	3.5	8.50	31.1	47.2	22.7	15.1	12.0	13.5
1953	8.46	6.77	6.09	5.58	4.96	4.55	4.21	6.43	23.9	11.3	8.47	6.08	8.07
1954	5.23	4.61	4.38	3.97	4.06	3.83	3.61	13.2	6.38	4.64	3.75	3.52	5.11
1955	3.12	2.98	2.83	2.68	2.61	2.60	2.80	12.7	11.9	6.09	5.08	4.16	4.98
1956	3.93	3.36	2.85	2.75	2.80	2.68	3.30	20.1	16.1	8.03	6.59	5.41	6.51
1957	4.36	3.75	3.27	3.07	2.82	2.96	3.13	6.28	31.4	15.6	8.96	7.41	7.75
1958	6.24	5.13	4.57	4.09	4.00	3.81	3.80	22.5	27.3	11.8	8.28	7.05	9.06
1959	5.65	5.24	4.38	3.84	3.50	3.49	3.27	9.99	12.6	6.11	5.35	4.24	5.65
1960	3.99	3.76	3.15	2.80	3.09	3.06	3.38	13.3	9.01	4.83	4.10	3.24	4.81
1961	3.51	3.34	3.19	2.86	2.59	2.33	2.41	4.42	3.29	2.33	2.36	2.35	2.92
1962	2.09	1.97	1.81	2.00	2.07	2.11	4.01	15.6	27.8	13.7	8.16	5.97	7.29
1963	5.46	4.56	4.05	3.44	3.22	2.94	2.85	11.9	11.2	5.89	4.73	4.32	5.40
1964	3.79	3.25	3.00	2.63	2.67	2.76	2.81	11.8	22.6	11.4	7.54	6.36	6.71
1965	5.24	4.61	4.40	4.01	3.64	3.44	3.36	10.1	33.3	21.5	11.6	9.99	9.61
1966	8.48	7.42	6.25	5.35	4.67	4.44	6.35	19.0	12.4	8.59	6.28	5.32	7.91
1967	4.65	4.05	3.60	3.26	3.07	3.01	3.16	10.6	29.8	16.8	9.89	8.18	8.35
1968	6.84	5.51	4.70	4.45	4.23	3.80	3.52	9.00	31.2	15.5	10.2	7.80	8.89
1969	6.95	5.83	5.00	4.69	4.41	4.10	5.46	27.9	23.5	12.3	9.54	8.37	9.87
1970	6.99	5.53	5.01	4.88	4.33	3.86	3.93	14.6	18.7	10.2	7.94	7.11	7.78
1971	5.26	4.66	4.21	3.83	3.46	3.54	3.98	15.4	29.5	15.6	9.93	7.39	8.92
1972	6.39	5.32	4.55	3.80	3.50	3.53	3.75	17.5	21.9	10.5	8.51	7.15	8.04
1973	6.35	4.71	4.37	4.05	4.00	3.75	3.93	19.1	21.1	10.2	7.77	6.62	8.01
							Monthly and yearly runoff, in acre-feet						
1946	275	248	226	202	167	188	435	1,020	800	476	366	304	4,710
1947	290	248	212	186	164	190	210	1,600	1,280	804	531	448	6,160
1948	349	310	316	282	237	234	207	918	755	442	355	267	4,670
1949	258	223	196	185	160	171	232	1,110	1,600	815	569	423	5,940
1950	400	303	288	251	218	224	293	1,070	1,880	1,060	658	515	7,160
1951	471	384	354	318	259	259	263	1,050	1,350	829	581	424	6,540
1952	353	284	244	213	200	215	506	1,910	2,810	1,400	928	714	9,780
1953	520	403	375	343	276	279	250	395	1,420	694	521	362	5,840
1954	322	275	269	244	226	235	215	812	380	285	230	209	3,700
1955	192	178	174	165	145	160	167	784	707	374	312	248	3,610
1956	242	200	175	169	161	165	196	1,230	960	494	405	322	4,720
1957	268	223	201	189	157	182	186	386	1,870	958	551	441	5,610
1958	383	305	281	251	222	234	226	1,380	1,620	724	509	420	6,560
1959	348	312	270	236	194	214	195	614	749	376	329	252	4,090
1960	246	224	193	172	178	188	201	815	536	297	252	193	3,500
1961	216	199	196	176	144	143	143	272	196	143	145	140	2,110
1962	129	117	111	123	115	130	239	961	1,650	844	502	355	5,280
1963	336	271	249	211	179	181	170	733	666	362	291	257	3,910
1964	233	193	185	162	154	170	167	723	1,340	699	463	378	4,870
1965	322	274	270	247	202	212	200	618	1,980	1,320	712	594	6,960
1966	522	441	385	329	259	273	378	1,170	740	528	386	317	5,730
1967	286	241	222	201	171	185	188	651	1,780	1,030	608	487	6,050
1968	421	328	289	274	244	234	209	553	1,860	954	628	464	6,450
1969	428	347	308	288	245	252	325	1,720	1,400	755	587	498	7,150
1970	430	329	308	300	241	238	234	898	1,110	629	488	423	5,630
1971	324	277	259	235	192	218	237	946	1,760	960	610	440	6,460
1972	393	317	280	234	201	217	223	1,080	1,300	647	523	425	5,840
1973	390	280	269	249	222	231	234	1,170	1,250	625	478	394	5,800

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09276500 Wolf Creek near Hanna, Utah

LOCATION.--Lat 40°27', long 110°53', in SW¼ sec.26, T.1 N., R.9 W., Uintah meridian, 600 ft (183 m) above mouth and 3.5 miles (5.6 km) west of Hanna.

DRAINAGE AREA.--19 sq mi (49 km^2), approximately.

GAGE.--Staff gage. Altitude of gage is 7,210 ft (2,198 m) from river-profile map.

EXTREMES.--1921-23: Maximum discharge observed, 54 ft^3/s (1.53 m^3/s) May 26, 1923 (gage height, 1.54 ft or 0.469 m); minimum observed, 8 ft^3/s (0.226 m^3/s) on many days during winter months of 1922 and 1923.

REMARKS.--Small diversions above station for irrigation.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1921		-	-	-	-	-	-	-	-	-	-	13.9	-
1922	11.7	10.2	9.8	8.6	8.0	8.1	-	-	-	-	-	-	-
1923	13.0	12.1	10.0	8.6	8.1	8.0	9.2	25.2	31.5	23.0	12.8	11.4	14.4
						Monthly and yearly runoff, in acre-feet							
1921	-	-	-	-	-	-	-	-	-	-	-	827	-
1922	719	607	603	529	444	498	-	-	-	-	-	-	-
1923	799	720	615	529	450	492	547	1,550	1,870	1,410	787	678	10,400

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09277000 Duchesne River (at "The Point") at Hanna, Utah

LOCATION.--Lat 40°24'55", long 110°46'55", in SE¼ sec. 4, T. 1 S., R. 8 W., Uintah meridian, at downstream side of left abutment of road bridge, 1 mile (2 km) downstream from Sand Creek and 1 mile (2 km) northwest of Hanna.

DRAINAGE AREA.--230 sq mi (596 km^2), approximately.

PERIOD OF RECORD.--August 1953 to September 1960.

GAGE.--Water-stage recorder.

AVERAGE DISCHARGE.--7 years (1953-60), 153 ft^3/s (4.33 m^3/s), 110,770 acre-ft/yr (137 hm^3/yr).

EXTREMES.--Maximum discharge, 2,260 ft^3/s (64 m^3/s) June 7, 1957 (gage height, 5.16 ft or 1.57 m); minimum 52 ft^3/s (1.47 m^3/s) Mar. 12, 15, 1956.

REMARKS.--Several diversions above station for irrigation, including a transmountain diversion through Duchesne tunnel.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1953	-	-	-	-	-	-	-	-	-	-	171	102	-
1954	93.6	94.5	88.2	84.2	82.9	82.9	129	314	148	102	80.1	76.7	115
1955	79.0	78.3	78.5	76.7	71.8	70.6	90.0	419	319	139	96.5	81.1	134
1956	83.6	82.3	85.9	76.4	76.4	86.2	153	587	670	157	106	81.6	187
1957	79.7	84.5	84.9	74.4	72.6	72.7	81.0	244	1,071	288	126	106	198
1958	96.8	103	96.2	86.8	83.6	78.9	122	775	602	163	99.7	89.9	200
1959	82.3	87.6	85.4	76.9	76.5	76.0	93.8	236	316	129	94.6	80.9	119
1960	82.8	79.8	71.8	73.7	71.0	79.7	117	306	250	117	80.1	79.1	117
							Monthly and yearly discharge, in acre-feet						
1953	-	-	-	-	-	-	-	-	-	-	10,520	6,090	-
1954	5,750	5,620	5,420	5,180	4,600	5,100	7,660	19,320	8,810	6,290	4,920	4,560	83,230
1955	4,860	4,660	4,830	4,720	3,980	4,340	5,360	25,740	18,980	8,570	5,930	4,820	96,800
1956	5,140	4,900	5,280	4,700	4,400	5,300	9,110	36,080	39,900	9,640	6,520	4,850	135,820
1957	4,900	5,030	5,220	4,570	4,030	4,470	4,820	14,970	63,710	17,690	7,720	6,280	143,400
1958	5,950	6,110	5,910	5,340	4,640	4,850	7,270	47,670	35,810	10,000	6,130	5,350	145,000
1959	5,060	5,210	5,250	4,730	4,250	4,670	5,580	14,360	18,780	7,920	5,820	4,820	86,450
1960	5,090	4,750	4,420	4,530	4,090	4,900	6,990	18,820	14,860	7,170	4,930	4,710	85,260

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09277500 Duchesne River near Tabiona, Utah

LOCATION --Lat 40°17'56", long 110°36'54", in SE¼SW¼SE¼ sec.18, T.2 S., R.6 W., Uintah meridian, Duchesne County, on left bank on upstream site of bridge on State Highway 35, 6 miles (10 km) upstream from Rock Creek, and 7 miles (11 km) southeast of Tabiona.

DRAINAGE AREA.--352 sq mi (912 km^2).

PERIOD OF RECORD.--October 1918 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 6,227 ft (1,898 m) from topographic map. Prior to Oct. 15, 1934, nonrecording gage, and Oct. 16, 1934 to Nov. 6, 1953, water-stage recorder, at site 0.5 mile (0.8 km) upstream at various datums. Nov. 7, 1953 to Nov. 7, 1972 at site 1 mile (2 km) upstream at different datum.

AVERAGE DISCHARGE.--55 years, 201 ft^3/s (5.692 m^3/s), 145,600 acre-ft/yr (180 hm^3/yr).

EXTREMES.--Maximum discharge, 5,260 ft^3/s (149 m^3/s) June 16, 1963 (gage height, 7.97 ft or 2.429 m, from floodmarks), caused by failure of Little Deer Creek Dam 20 miles (32 km) upstream, from rating curve extended above 400 ft^3/s (11.3 m^3/s) on basis of slope-area measurement and area-velocity of study of peak flow; minimum recorded, 27 ft^3/s (0.76 m^3/s) Oct. 17, 1934.

REMARKS.--Records good except those for winter period, which are poor. Several diversions above station for irrigation including a transmountain diversion through Duchesne tunnel 20 miles (32 km) upstream.

Water year	Oct	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1919	170	140	115	92.6	88.8	114	183	842	351	96.0	71.2	111	199
1920	131	117	91.4	80.0	91.1	106	130	811	1,130	292	153	148	273
1921	146	124	107	95	106	137	173	676	1,660	498	212	207	345
1922	154	146	136	92.3	105	115	159	988	1,580	388	207	170	354
1923	153	143	127	100	90	113	198	903	1,130	469	195	197	319
1924	175	139	127	110	109	100	153	567	224	107	62.4	77.2	163
1925	102	108	101	91.7	94.3	97.1	144	514	367	190	107	143	172
1926	149	110	100	80	85.8	106	199	557	332	96.3	77.8	73.8	164
1927	100	114	92.7	80.0	86.8	100	170	675	862	258	133	233	242
1928	227	176	137	110	105	127	158	925	520	155	107	105	238
1929	119	124	112	90	100	108	114	476	767	307	160	180	222
1930	156	140	111	90	105	119	203	398	550	123	132	148	190
1931	182	117	95	90	88.0	85.5	85.7	257	131	73.9	66.2	61.1	111
1932	60.0	97.4	104	100	101	90.9	147	480	761	258	101	106	200
1933	94.5	107	103	112	91.7	83.7	96.1	187	644	132	61.1	65.8	148
1934	71.8	82.5	86.6	82.6	77.4	81.1	114	122	59.3	59.6	58.7	46.7	78.7
1935	37.5	57.6	72.1	59.5	53.2	53.8	90.2	216	658	119	71.3	71.1	130
1936	66.2	85.6	75.8	75.9	74.4	74.0	188	1,043	533	256	174	109	230
1937	97.4	106	101	95	90	93.0	154	956	475	255	76.7	101	218
1938	108	116	101	95.4	93.4	97.9	216	682	751	176	95.7	146	223
1939	139	132	115	95	90	132	215	556	214	95.6	71.9	79.2	162
1940	115	91.5	87.9	84.4	82.9	87.5	110	530	149	74.8	60.3	102	131
1941	146	111	91.7	85.0	84.1	93.7	118	715	656	185	93.6	99.7	207
1942	150	123	111	96.3	93.2	103	240	472	677	160	70.0	99.9	200
1943	111	110	99.1	92.6	100	115	348	751	756	278	147	87.0	250
1944	127	133	114	107	100	111	151	608	832	250	86.1	90.8	226
1945	120	119	103	95.4	91.5	95.0	113	513	629	230	160	107	198
1946	132	126	117	107	100	110	320	613	459	117	91.4	83.7	198
1947	126	134	116	100	106	119	163	888	671	242	153	126	246
1948	112	136	116	103	100	99.1	130	602	402	109	81.1	75.6	172
1949	86.2	115	108	93.5	89.7	102	236	726	972	285	103	98.3	251
1950	129	137	114	100	103	109	249	617	1,186	361	106	130	278
1951	116	145	134	114	111	107	183	617	948	298	178	107	255
1952	126	128	118	104	106	102	301	1,165	1,286	364	209	166	348
1953	112	123	131	124	115	111	135	188	827	216	168	79.7	194
1954	100	127	111	99.9	97.6	94.5	124	241	77.7	83.2	61.3	68.1	107
1955	95.7	100	95.4	91.4	84.5	88.8	104	353	243	111	88.2	71.1	127
1956	75.9	112	115	99.7	94.0	104	158	518	576	124	90.3	71.3	178
1957	81.5	100	103	87.4	85	89.9	84.3	221	996	236	139	116	194
1958	113	138	120	113	109	100	132	676	502	136	88.8	82.8	193
1959	77.0	105	114	103	85.6	86.1	98.1	139	225	122	81.7	67.7	109
1960	107	111	95.7	83.0	80.4	96.4	109	208	163	104	77.3	78.1	109
1961	75.8	92.6	99.5	84.7	77.8	78.6	62.1	102	102	88.3	68.2	121	87.7
1962	118	109	94.1	78.1	86.1	96.3	306	535	543	204	112	103	199
1963	117	105	109	90.3	98.7	96.0	106	270	332	104	113	127	139
1964	90.9	125	108	95.3	92.0	88.5	112	414	540	189	120	89.9	172
1965	78.5	103	114	103	92.2	86.1	149	372	1,082	442	197	196	251
1966	147	147	145	147	121	151	234	370	163	138	93.0	95.7	163
1967	94.3	97.4	116	105	100	105	112	294	1,019	389	115	110	221
1968	99.0	121	139	126	103	100	114	278	1,170	211	154	130	228
1969	137	152	132	121	115	117	276	1,113	560	183	122	120	263
1970	137	149	120	106	110	97.6	104	275	473	150	83.8	86.0	158
1971	94.6	128	98.4	97.7	106	109	180	384	1,044	232	134	97.5	225
1972	114	140	116	106	108	133	163	461	725	166	106	101	203
1973	132	132	113	94.7	88.9	95.9	130	614	636	165	94.9	107	201

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09277500 Duchesne River near Tabiona, Utah - Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly runoff, in acre-feet						
1919	10,500	8,330	7,070	5,690	4,930	7,010	10,900	51,800	20,900	5,900	4,380	6,600	144,000
1920	8,060	6,960	5,620	4,920	5,240	6,520	7,740	49,900	67,200	18,000	9,410	8,810	198,000
1921	8,980	7,380	6,580	5,840	5,890	8,420	10,300	41,600	98,800	30,600	13,000	12,300	250,000
1922	9,470	8,690	8,360	5,680	5,830	7,070	9,460	60,800	94,000	23,900	12,700	10,100	256,000
1923	9,410	8,510	7,810	6,150	5,000	6,950	11,800	55,500	67,200	28,800	12,000	11,700	231,000
1924	10,800	8,270	7,810	6,760	6,270	6,150	9,100	34,900	13,300	6,580	3,840	4,590	118,000
1925	6,270	6,430	6,210	5,640	5,240	5,970	8,570	31,600	21,800	11,700	6,580	8,510	124,000
1926	9,160	6,550	6,150	4,920	4,770	6,520	11,800	34,200	19,800	5,920	4,780	4,390	119,000
1927	6,150	6,780	5,700	4,920	4,820	6,150	10,100	41,500	51,300	15,900	8,180	13,900	175,000
1928	14,000	10,500	8,420	6,760	6,040	7,810	9,400	56,900	30,900	9,530	6,580	6,250	173,000
1929	7,320	7,380	6,890	5,530	5,550	6,640	6,780	29,300	45,600	18,900	9,840	10,700	160,000
1930	9,590	8,330	6,820	5,530	5,830	7,320	12,100	24,500	32,700	7,560	8,120	8,810	137,000
1931	11,200	6,960	5,840	5,530	4,890	5,260	5,100	15,800	7,800	4,540	4,070	3,640	80,600
1932	3,690	5,800	6,400	6,150	5,810	5,590	8,750	29,500	45,300	15,900	6,210	6,310	145,000
1933	5,810	6,370	6,330	6,890	5,090	5,150	5,720	11,500	38,300	8,120	3,760	3,920	107,000
1934	4,410	4,910	5,330	5,080	4,300	4,980	6,770	7,520	3,530	3,670	3,610	2,900	57,010
1935	2,310	3,430	4,430	3,660	2,960	3,310	5,370	13,270	39,130	7,290	4,380	4,230	93,770
1936	4,070	5,090	4,660	4,670	4,280	4,550	11,220	64,110	31,690	15,740	10,710	6,510	167,300
1937	5,990	6,280	6,190	5,840	5,000	5,720	9,200	58,790	28,280	15,650	4,720	6,030	157,700
1938	6,650	6,890	6,210	5,870	5,190	6,020	12,880	41,940	44,680	10,830	5,890	8,710	161,800
1939	8,560	7,830	7,070	5,840	5,000	8,120	12,770	34,200	12,710	5,880	4,420	4,710	117,100
1940	7,060	5,450	5,400	5,190	4,770	5,380	6,550	32,570	8,850	4,060	3,700	6,060	95,580
1941	8,970	6,630	5,640	5,230	4,670	5,760	7,000	43,940	39,060	11,360	5,760	5,930	150,000
1942	9,250	7,340	6,810	5,920	5,170	6,360	14,280	29,010	40,310	9,820	4,300	5,950	144,500
1943	6,850	6,520	6,090	5,690	5,570	7,090	20,710	46,160	45,000	17,100	9,020	5,180	181,000
1944	7,830	7,940	6,990	6,560	5,770	6,800	8,960	37,360	49,500	15,390	5,290	5,400	163,800
1945	7,410	7,100	6,350	5,860	5,080	5,840	6,740	31,530	37,430	14,130	9,810	6,360	143,600
1946	8,120	7,490	7,210	6,590	5,560	6,770	19,070	37,670	27,330	7,190	5,602	4,980	143,600
1947	7,750	8,000	7,110	6,150	5,870	7,310	9,690	54,610	39,910	14,880	9,400	7,490	178,200
1948	6,900	8,080	7,150	6,310	5,750	6,090	7,710	37,000	23,910	6,690	4,990	4,500	125,100
1949	5,300	6,860	6,670	5,750	4,980	6,290	14,050	44,620	57,820	17,500	6,320	5,850	182,000
1950	7,920	8,150	6,990	6,150	5,740	6,730	14,810	37,950	70,580	22,220	6,520	7,750	201,500
1951	7,110	8,610	8,260	7,010	6,170	6,580	10,910	37,910	56,390	18,300	10,920	6,370	184,500
1952	7,740	7,630	7,240	6,400	6,090	6,270	17,930	71,610	76,510	22,350	12,850	9,880	252,500
1953	6,880	7,340	8,070	7,610	6,400	6,840	8,050	11,570	49,180	13,250	10,360	4,740	140,300
1954	6,150	7,570	6,820	6,140	5,420	5,810	7,370	14,850	4,620	5,120	3,770	4,050	77,690
1955	5,880	5,960	5,870	5,620	4,690	5,460	6,180	21,690	14,450	6,800	5,420	4,230	92,250
1956	4,670	6,690	7,060	6,130	5,410	6,410	9,430	31,860	34,250	7,640	6,550	4,240	129,300
1957	5,010	5,970	6,320	5,380	4,720	5,530	5,020	13,580	59,270	14,490	8,560	6,890	140,700
1958	6,960	8,240	7,380	6,930	6,040	6,160	7,830	41,600	29,850	8,350	5,460	4,930	139,700
1959	4,740	6,250	7,030	6,320	4,760	5,300	5,840	8,570	13,360	7,500	5,020	4,030	78,720
1960	6,590	6,600	5,880	5,100	4,630	5,930	6,470	12,780	9,700	6,390	4,750	4,650	79,470
1961	4,660	5,510	6,120	5,210	4,320	4,830	3,700	6,300	6,050	5,430	4,190	7,170	63,500
1962	7,240	6,510	5,780	4,800	4,780	5,920	18,190	32,870	32,310	12,570	6,860	6,150	144,000
1963	7,220	6,230	6,700	5,550	5,480	5,900	6,320	16,600	19,730	6,400	6,950	7,550	100,600
1964	5,590	7,450	6,630	5,860	5,290	5,440	6,640	25,470	32,110	11,600	7,350	5,350	124,800
1965	4,830	6,150	6,990	6,360	5,120	5,300	8,890	22,880	64,370	27,160	12,110	11,670	181,000
1966	9,030	8,750	8,930	9,050	6,730	9,260	13,900	22,730	9,720	8,500	5,720	5,700	118,900
1967	5,800	5,800	7,120	6,440	5,550	6,440	6,680	18,100	60,660	23,920	7,070	6,530	160,100
1968	6,090	7,200	8,530	7,730	5,900	6,160	6,790	17,110	69,640	12,970	9,470	7,740	165,300
1969	8,430	9,060	8,090	7,440	6,410	7,190	16,420	68,440	33,340	11,260	7,470	7,130	190,700
1970	8,450	8,840	7,390	6,540	6,090	6,000	6,180	16,920	28,140	9,230	5,150	5,120	114,000
1971	5,820	7,640	6,050	6,010	5,860	6,730	10,680	23,590	62,140	14,270	8,250	5,800	162,800
1972	7,020	8,360	7,150	6,540	6,240	8,200	9,680	28,360	43,170	10,220	6,530	6,020	147,500
1973	8,130	7,850	6,960	5,820	4,940	5,890	7,720	37,750	37,840	10,140	5,830	6,350	145,200

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09278500 Rock Creek near Hanna, Utah

LOCATION.--Lat 40°32'44", long 110°39'20", in NE¼ sec.26, T.2 N., R.7 W., Uintah meridian, Duchesne County, Ashley National Forest, on right bank 1.2 miles (1.9 km) downstream from South Fork and 11.5 miles (18.5 km) northeast of Hanna.

DRAINAGE AREA.--120 sq mi (311 km^2), approximately.

PERIOD OF RECORD.--July 1949 to September 1969.

GAGE.--Water-stage recorder. Altitude of gage is 7,620 ft (2,322 m) from river-profile map.

AVERAGE DISCHARGE.--20 years, 155 ft^3/s (4.39 m^3/s), 112,300 acre-ft/yr (138 hm^3/yr).

EXTREMES.--Maximum discharge, 2,540 ft^3/s (71.9 m^3/s) June 13, 1953 (gage height, 8.60 ft or 2.621 m); minimum recorded, 4.7 ft^3/s (0.133 m^3/s) Apr. 12, 1953, result of freezeup.

REMARKS.--Records good except those for winter period and period of no gage-height record, which are fair.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1949	-	-	-	-	-	-	-	-	-	-	92.2	55.5	-
1950	52.2	43.3	35.4	39.8	35.7	29.3	85.0	350	1,109	291	78.8	58.2	184
1951	46.1	41.7	34.6	29	29	27	51.5	420	837	303	160	67.7	171
1952	61.2	41.9	37.2	32	32	29	76.0	590	1,152	351	177	96.9	223
1953	53.1	32.8	30.3	30.7	26.2	27.6	45.3	111	842	208	103	50.4	130
1954	39.9	33.9	25	25	25	25	62.2	497	211	108	56.8	45.0	96.8
1955	35.3	29.3	25.7	25	24	23	27.7	385	522	129	95.5	58.5	115
1956	42.9	34.6	36.8	30.5	26.1	27.8	67.2	586	784	150	67.5	40.2	158
1957	34.4	27.1	27.0	24.0	21.3	25.6	28.8	144	1,115	391	111	62.5	167
1958	52.8	45.3	34.6	30.5	30	27.4	48.0	584	649	118	59.4	50.3	144
1959	38.3	29.8	24.2	20.1	20	22	40.3	206	659	158	69.7	53.5	112
1960	76.8	53.3	28.1	26.0	25	32.7	74.2	364	539	106	50.2	48.7	119
1961	49.7	40.0	29.5	23.2	20.2	22.0	26.9	261	212	58.5	56.1	148	79.1
1962	128	79.4	55.1	42.2	41.3	35.5	151	459	948	324	97.9	52.9	201
1963	54.0	32.9	22.9	16.4	17.7	18.5	29.1	401	640	168	98.7	91.6	133
1964	68.8	51.0	35.9	32.5	28.8	27.4	36.2	428	845	362	98.1	44.7	172
1965	32.2	27.1	28.5	26.6	23.0	22.1	44.4	248	1,111	745	232	143	224
1966	89.2	56.3	41.8	28.0	23.5	31.8	90.5	499	288	116	77.6	67.5	118
1967	60.9	41.7	36.2	30.9	29.2	30.0	37.5	335	953	515	141	76.3	191
1968	56.3	37.8	35.8	33.8	33.5	32.6	41.0	189	1,159	314	178	91.0	183
1969	64.7	46.6	35.6	34.2	32.7	30.9	86.8	831	574	193	92.9	61.0	175
							Monthly and yearly runoff, in acre-feet						
1949	-	-	-	-	-	-	-	-	-	-	5,670	3,300	-
1950	3,210	2,570	2,170	2,450	1,980	1,800	5,060	21,520	65,980	17,920	4,850	3,460	133,000
1951	2,830	2,480	2,130	1,780	1,610	1,660	3,070	25,820	49,790	18,650	9,850	4,030	123,700
1952	3,760	2,500	2,280	1,970	1,840	1,780	4,520	36,300	68,550	21,600	10,900	5,770	161,800
1953	3,260	1,950	1,860	1,890	1,460	1,700	2,700	6,850	50,120	12,800	6,350	3,000	93,940
1954	2,450	2,020	1,540	1,540	1,390	1,540	3,700	30,550	12,530	6,650	3,490	2,680	70,080
1955	2,170	1,740	1,580	1,540	1,330	1,410	1,650	23,680	31,040	7,930	5,870	3,480	83,420
1956	2,640	2,060	2,260	1,880	1,500	1,710	4,000	36,020	46,660	9,200	4,150	2,390	114,500
1957	2,120	1,610	1,660	1,470	1,180	1,580	1,710	8,840	66,370	24,060	6,850	3,720	121,200
1958	3,240	2,700	2,130	1,870	1,670	1,680	2,860	35,900	38,600	7,270	3,650	3,000	104,600
1959	2,360	1,770	1,490	1,240	1,110	1,350	2,400	12,670	39,190	9,700	4,280	3,180	80,740
1960	4,720	3,170	1,730	1,600	1,440	2,010	4,420	22,400	32,040	6,540	3,080	2,900	86,050
1961	3,060	2,380	1,810	1,430	1,120	1,350	1,600	16,020	12,640	3,590	3,450	8,800	57,260
1962	7,850	4,730	3,390	2,600	2,290	2,190	8,990	28,240	56,410	19,900	6,020	3,150	145,700
1963	3,320	1,960	1,410	1,010	984	1,130	1,730	24,630	38,070	10,330	6,070	5,450	96,080
1964	4,230	3,040	2,210	2,000	1,660	1,680	2,150	26,290	50,290	22,260	6,030	2,660	124,500
1965	1,980	1,610	1,750	1,630	1,280	1,360	2,640	15,240	66,110	45,790	14,250	8,520	162,200
1966	5,490	3,350	2,570	1,720	1,310	1,960	5,380	30,660	17,170	7,160	4,770	4,020	85,550
1967	3,740	2,480	2,230	1,900	1,620	1,840	2,230	20,620	56,680	31,660	8,640	4,540	138,200
1968	3,460	2,250	2,200	2,080	1,930	2,010	2,440	11,610	68,940	19,340	10,930	5,410	132,600
1969	3,980	2,770	2,190	2,100	1,810	1,900	5,170	51,080	34,140	11,860	5,710	3,630	126,400

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09279000 Rock Creek near Mountain Home, Utah

LOCATION.-- Lat 40°29'36", long 110°34'39", in SE¼NW¼SW¼ sec.9, T.1 N., R.6 W., Uintah meridian, Duchesne County, Uintah and Ouray Indian Reservation, on right bank at Lower Stillwater damsite "B", 0.1 mile (0.2 km) upstream from Corral Creek, 7 miles (11 km) downstream from South Fork, and 12 miles (19 km) northwest of Mountain Home.

DRAINAGE AREA.--149 sq mi (386 km^2), approximately.

PERIOD OF RECORD.--October 1937 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 7,250 ft (2,210 m) from river-profile map. Prior to Apr. 12, 1939, nonrecording gage at site 300 ft (91 m) upstream at different datum.

AVERAGE DISCHARGE.--36 years, 173 ft^3/s (4.899 m^3/s) 125,300 acre-ft/yr (154 hm^3/yr).

EXTREMES. --Maximum discharge, 2,920 ft^3/s (82.7 m^3/s) June 18, 1971 (gage height, 5.98 ft or 1.823 m); maximum gage height, 6.02 ft (1.835 m) June 14, 1953; minimum discharge recorded, 7 ft^3/s (0.2 m^3/s) Mar. 13, 1940, Mar. 20, 1942 (probably caused by ice jams above station).

REMARKS.--Records good except those periods of no gage-height record, which are poor. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1938	65	59.6	54.3	44.1	43.8	44.1	97.6	489	799	206	105	83.7	174
1939	102	81.3	60.6	57.0	55.0	56.9	112	517	263	105	63.0	75.4	129
1940	80.0	52.3	35.7	31.5	33.8	38.0	64.4	549	208	73.4	46.3	103	110
1941	138	79.8	53.0	45	47.3	49.6	61.6	621	797	284	146	95.0	202
1942	104	95.3	71.9	60.0	50.0	46.7	103	345	824	237	103	75.3	176
1943	64.8	54.6	51.9	45.5	46.9	48.4	167	589	726	304	146	78.2	194
1944	66.9	52.3	43.6	43.5	41.9	42.3	51.9	415	835	365	110	66.2	178
1945	65.0	54.1	43.7	43.1	43.1	43.4	54.3	367	636	306	160	89.5	159
1946	57.9	60.7	48.3	45.7	44	48.1	159	463	534	144	87.6	58.4	146
1947	65.7	58.8	50.2	43.9	42.7	49.2	72.1	690	755	334	145	90.4	200
1948	71.7	62.3	54.3	46.7	40.8	40.2	56.0	479	438	114	79.7	53.3	128
1949	53.0	48.4	47.4	47.2	43.4	41.9	107	486	1,020	339	114	70.2	202
1950	72.4	62.1	53.2	55.0	47.8	47.6	105	365	1,149	338	112	86.7	208
1951	65.1	59.1	53.5	47.9	47.2	45.3	68.2	426	924	344	181	85.1	196
1952	83.5	62.6	58.9	50	50	43.4	105	685	1,266	413	210	112	261
1953	69.5	55.5	52.3	50.0	43.7	44.1	60.7	131	887	235	129	70.0	152
1954	58.7	53.1	45.2	42.6	41.5	42.4	79.9	533	230	126	79.4	65.6	117
1955	54.0	46.9	39.7	40.5	38	37	44.9	393	545	149	113	73.4	131
1956	57.1	53.4	57.5	49.3	42.8	45.7	86.5	630	820	163	80.9	53.9	178
1957	49.6	43.1	42.3	37.2	33.5	39.9	44.0	147	1,195	447	140	88.2	192
1958	82.3	67.7	52.9	46.1	45.3	42.0	66.6	595	685	144	80.8	68.3	165
1959	52.5	46.9	39.6	34.2	35	38.2	57.5	213	711	180	93.2	72.1	131
1960	90.6	65.8	43.5	41.3	39.9	46.1	85.5	382	559	119	60.1	57.7	132
1961	63.7	53.7	41.6	35.9	34.6	37.6	44.6	274	238	69.4	68.9	168	94.3
1962	152	98.2	69.5	55.2	54.1	48.9	177	484	965	352	117	72.8	221
1963	72.1	51.6	38.0	27.7	35.6	33.3	47.8	414	684	178	108	103	150
1964	87.4	71.8	52.0	45.8	40.3	40.4	50.7	448	870	395	117	66.7	190
1965	52.1	48.2	52.4	50.8	40.0	39.5	77.5	262	1,143	799	258	163	249
1966	108	76.8	65.8	48.9	40.9	54.1	108	547	312	130	93.5	85.8	140
1967	79.4	61.3	58.1	52.3	47.2	47.6	55.2	349	988	560	164	102	214
1968	75.3	50.8	47.5	44.8	44.6	43.8	52.0	203	1,209	346	196	104	201
1969	77.8	59.1	52.7	49.2	48.5	44.7	106	831	612	217	121	82.7	193
1970	71.8	58.7	46.9	42.4	43.3	40.4	41.8	370	690	209	100	99.7	151
1971	68.2	58.8	51.3	52.1	41.6	42.4	97.5	325	1,081	356	136	81.6	199
1972	75.4	61.8	61.6	55.5	47.6	59.9	73.7	465	1,059	209	93.1	69.7	194
1973	101	76.6	61.7	50.1	44.8	43.5	65.7	489	708	280	136	108	181
						Monthly and yearly runoff, in acre-feet							
1938	4,000	3,540	3,340	2,710	2,430	2,710	5,810	30,070	47,570	12,690	6,440	4,980	126,300
1939	6,250	4,840	3,730	3,500	3,050	3,500	6,640	31,800	15,650	6,430	3,870	4,480	93,740
1940	4,920	3,110	2,190	1,940	1,940	2,340	3,830	33,750	12,370	4,510	2,850	6,150	79,900
1941	8,480	4,750	3,260	2,770	2,630	3,050	3,660	38,160	47,410	17,450	8,950	5,650	146,200
1942	6,410	5,670	4,420	3,690	2,780	2,870	6,140	21,220	49,060	14,570	6,320	4,480	127,600
1943	3,980	3,250	3,190	2,790	2,610	2,980	9,960	36,200	43,200	18,670	8,990	4,650	140,500
1944	4,110	3,110	2,680	2,680	2,410	2,600	3,090	25,500	49,700	22,460	6,790	3,940	129,100
1945	4,000	3,220	2,690	2,650	2,390	2,670	3,230	22,550	37,820	18,830	9,830	5,330	115,200
1946	3,560	3,610	2,970	2,810	2,440	2,960	9,480	28,480	31,750	8,840	5,390	3,470	105,800
1947	4,040	3,500	3,090	2,700	2,370	3,020	4,290	42,410	44,920	20,520	8,920	5,380	145,200
1948	4,410	3,710	3,340	2,870	2,350	2,470	3,330	29,430	26,070	7,030	4,900	3,170	93,080
1949	3,760	2,880	2,910	2,960	2,410	2,580	6,360	29,890	60,680	20,870	7,000	4,180	145,900
1950	4,450	3,700	3,270	3,380	2,660	2,930	6,240	22,440	68,350	20,780	6,890	5,160	150,200
1951	4,000	3,520	3,290	2,950	2,620	2,780	4,060	26,220	54,990	21,140	11,120	5,070	141,800
1952	5,130	3,730	3,620	3,070	2,880	2,670	6,260	42,120	75,330	25,390	12,930	6,650	189,800
1953	4,270	3,300	3,220	3,070	2,430	2,710	3,610	8,050	52,800	14,450	7,940	4,170	110,000
1954	3,610	3,160	2,780	2,620	2,310	2,610	4,750	32,750	13,680	7,750	4,880	3,900	84,800
1955	3,320	2,790	2,440	2,490	2,110	2,280	2,670	24,190	32,430	9,140	6,950	4,370	95,180
1956	3,510	3,180	3,530	3,030	2,460	2,810	5,150	38,710	48,780	10,010	4,970	3,210	129,400
1957	3,050	2,570	2,600	2,280	1,860	2,450	2,620	9,060	71,130	27,480	8,620	5,250	139,000
1958	5,060	4,030	3,250	2,830	2,520	2,580	3,960	36,610	40,750	8,830	4,970	4,060	119,400
1959	3,230	2,790	2,440	2,100	1,940	2,350	3,420	13,110	42,340	11,050	5,730	4,290	94,790
1960	5,570	3,920	2,670	2,540	2,290	2,840	5,090	23,510	33,240	7,300	3,700	3,430	96,100
1961	3,920	3,190	2,560	2,210	1,920	2,310	2,650	16,850	14,150	4,260	4,240	9,990	68,260
1962	9,320	5,850	4,270	3,390	3,000	3,010	10,500	29,770	57,430	21,650	7,200	4,330	159,700
1963	4,430	3,070	2,330	1,700	1,980	2,050	2,850	25,430	40,700	10,950	6,670	6,140	108,300
1964	5,370	4,270	3,200	2,820	2,320	2,480	3,020	27,550	51,760	24,290	7,170	3,970	138,200
1965	3,200	2,870	3,220	3,120	2,220	2,430	4,610	16,110	68,020	49,100	15,870	9,720	180,500
1966	6,620	4,570	4,430	3,010	2,270	3,320	6,410	33,630	18,590	8,000	5,750	5,100	101,300
1967	4,880	3,650	3,570	3,220	2,620	2,930	3,290	21,480	58,800	34,440	10,060	6,060	155,000
1968	4,630	3,020	2,920	2,750	2,560	2,690	3,100	12,490	71,950	21,290	12,080	6,170	145,700
1969	4,790	3,520	3,240	3,030	2,690	2,750	6,290	51,110	36,390	13,350	7,440	4,920	139,500
1970	4,420	3,490	2,880	2,600	2,410	2,490	2,490	22,770	41,040	12,820	6,150	5,930	109,500
1971	4,200	3,500	3,150	3,200	2,310	2,610	5,800	19,960	64,330	21,870	8,350	4,860	144,100
1972	4,630	3,680	3,790	3,410	2,740	3,690	4,390	28,600	63,020	12,840	5,720	4,150	140,600
1973	6,210	4,560	3,790	3,080	2,490	2,670	3,910	3,070	42,140	17,210	8,360	6,440	130,900

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09279100 Rock Creek near Talmage, Utah

LOCATION.--Lat 40°18'40", long 110°29'36", in SE¼NE¼NW¼ sec.18, T.2 S., R.5 W., Uintah meridian, Duchesne County, Uintah and Ouray Indian Reservation, on left bank 1.5 miles (2.4 km) upstream from mouth, 4.1 miles (6.6 km) southwest of Talmage and 11 miles (18 km) northwest of Duchesne.

DRAINAGE AREA.--240 sq mi (622 km^2), approximately.

PERIOD OF RECORD.--October 1963 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 6,119.3 ft (1,865.16 m) above mean sea level, adjustment of 1927.

AVERAGE DISCHARGE.--10 years, 197 ft^3/s (5.579 m^3/s), 144,200 acre-ft/yr (176 hm^3/yr).

EXTREMES.--Maximum discharge, 2,320 ft^3/s (65.7 m^3/s) July 29, 1968 (gage height, 4.37 ft or 1.332 m); minimum indicated, 21 ft^3/s (0.59 m^3/s) Nov. 26, 1967, Jan. 9, 1969, Mar. 29, 1972, probably caused by ice jams above stations.

REMARKS.--Records good except those for winter period and period of no gage-height record, which are poor.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1964	97.9	81.1	61.8	51.9	45.0	48.9	64.0	445	842	360	118	68.5	190
1965	60.8	61.6	65.7	65.8	55.0	51.5	91.7	277	1,172	831	282	167	266
1966	121	92.4	78.2	58.5	48.3	64.0	119	574	335	137	102	96.3	153
1967	90.1	75.3	71.6	64.4	58.2	60.0	64.1	359	987	566	162	103	222
1968	77.1	56.0	54.5	51.8	53.7	52.5	62.2	210	1,171	342	208	111	203
1969	79.2	77.7	74.5	67.0	67.8	66.7	135	875	679	252	114	81.5	215
1970	74.6	62.8	50.5	44.8	46.2	46.8	48.7	368	697	210	100	98.2	154
1971	67.3	70.1	59.7	60.3	48.0	45.9	104	338	1,011	341	114	80.9	195
1972	77.4	71.0	62.4	52.4	46.9	58.4	70.1	478	1,015	206	89.4	71.2	191
1973	95.3	81.1	63.5	51.6	46.4	47.7	70.2	480	713	300	145	112	184
						Monthly and yearly runoff, in acre-feet							
1964	6,020	4,830	3,800	3,190	2,590	3,000	3,810	27,370	50,090	22,130	7,270	4,070	138,200
1965	3,740	3,660	4,040	4,050	3,050	3,160	5,460	17,060	69,720	51,100	17,320	9,950	192,300
1966	7,450	5,500	4,810	3,590	2,680	3,940	7,070	35,290	19,930	8,450	6,260	5,730	110,700
1967	5,540	4,480	4,410	3,960	3,230	3,690	3,810	22,050	58,760	34,810	9,980	6,160	160,900
1968	4,740	3,330	3,350	3,180	3,090	3,230	3,700	12,900	69,690	21,060	12,820	6,610	147,700
1969	4,870	4,620	4,580	4,120	3,760	4,100	8,050	53,780	40,420	15,520	7,000	4,850	155,700
1970	4,590	3,730	3,100	2,750	2,560	2,880	2,900	22,620	41,460	12,940	6,160	5,850	111,600
1971	4,140	4,170	3,670	3,710	2,670	2,820	6,190	20,790	60,150	20,980	7,010	4,810	141,100
1972	4,760	4,230	3,840	3,220	2,700	3,600	4,170	29,380	60,420	12,640	5,490	4,230	138,700
1973	5,860	4,820	3,900	3,180	2,580	2,930	4,180	29,540	42,450	18,460	8,940	6,660	133,500

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09279150 Duchesne River above Knight diversion, near Duchesne, Utah

LOCATION.--Lat 40°16'16", long 110°26'32", in SE¼SW¼SW¼ sec.27, T.2 S., R.5 W., Uintah meridian, Duchesne County, on left bank 50 ft (15 m) downstream from bridge on State Highway 35, 1.7 miles (2.7 km) upstream from Knight diversion dam, 3.9 miles (6.3 km) downstream from Rock Creek, and 7.7 miles (12.4 km) north-northwest of Duchesne.

DRAINAGE AREA.--620 sq mi (1,610 km^2), approximately.

PERIOD OF RECORD.--April 1970 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 5,840 ft (1,780 m) from topographic map.

EXTREMES.--Maximum discharge, 3,740 ft^3/s (106 m^3/s) June 4, 1972 (gage height, 5.53 ft or 1.686 m); minimum, 97 ft^3/s (2.75 m^3/s) May 2, Sept. 3, 1970.

REMARKS.--Records good. Several diversions above station for irrigation, including a transmountain diversion to The Great Basin through Duchesne tunnel.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge in cubic feet per second						
1970	-	-	-	-	-	-	143	577	1,130	351	165	173	-
1971	181	201	165	173	161	147	269	656	1,945	556	256	164	406
1972	190	211	185	182	178	213	242	814	1,607	333	185	175	375
1973	249	236	195	173	165	175	225	1,122	1,262	456	210	224	392
							Monthly and yearly runoff, in acre-feet						
1970	-	-	-	-	-	-	8,490	35,480	67,230	21,580	10,130	10,320	-
1971	11,100	11,970	10,140	10,640	8,920	9,050	15,990	40,350	115,800	34,200	15,740	9,750	293,600
1972	11,710	12,580	11,380	11,180	10,230	13,090	14,370	50,030	95,600	20,480	11,380	10,400	272,400
1973	15,300	14,050	11,990	10,630	9,160	10,740	13,360	69,010	75,070	28,020	12,910	13,340	283,600

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09279500 Duchesne River at Duchesne, Utah

LOCATION.--Lat 40°09'51", long 110°23'34", in NW¼SE¼NE¼ sec.1, T.4 S., R.5 W., Uintah meridian, Duchesne County, on left bank at Duchesne, 0.2 mile (0.3 km) upstream from Strawberry River.

DRAINAGE AREA.--660 sq mi (1,709 km^2), approximately.

PERIOD OF RECORD.--October 1917 to April 1970.

GAGE.--Water-stage recorder. Datum of gage is 5,494.4 ft (1,674.7 m) above mean sea level; adjustment of 1927. Prior to Oct. 18, 1934, nonrecording gage at site 2,200 ft (670 m) upstream at different datum. Oct. 18, 1934 to Sept. 11, 1952, water-stage recorder at site 1,000 ft (305 m) upstream at datum 4.6 ft (1.40 m) higher.

AVERAGE DISCHARGE.--52 years (1917-69), 360 ft^3/s (10.2 m^3/s), 260,800 acre-ft/yr (322 hm^3/yr).

EXTREMES.--Maximum discharge observed, 4,420 ft^3/s (125 m^3/s) June 10, 1922 (gage height, 8.65 ft or 2.636 m, site and datum then in use); minimum daily, 4.0 ft^3/s (0.113 m^3/s) Feb. 28 to Mar. 3, 1970.

REMARKS.--Several diversions above station for irrigation, including a transmountain diversion to The Great Basin through Duchesne tunnel. Diversion of some water to Starvation Reservoir through Knight Diversion Tunnel began December, 1969.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1918	200	200	198	141	140	195	200	610	1,650	447	147	229	363
1919	322	267	217	186	200	224	296	1,310	710	137	103	201	349
1920	249	218	184	170	200	187	222	1,150	2,000	531	231	215	462
1921	250	256	179	170	209	272	290	1,090	2,780	910	364	320	591
1922	249	248	257	196	209	233	310	2,260	3,560	827	366	247	747
1923	210	268	242	200	175	204	284	1,290	2,070	1,100	408	263	560
1924	353	274	236	200	207	169	242	1,130	449	121	57.6	94.0	295
1925	135	157	148	131	140	130	166	1,080	937	323	158	208	311
1926	237	213	198	160	218	193	283	1,220	888	206	141	87.6	338
1927	119	143	153	140	146	162	254	1,130	1,820	590	179	533	447
1928	413	335	290	225	168	170	195	1,710	1,610	266	99.1	73.4	463
1929	151	181	181	175	180	191	192	877	1,690	583	307	312	418
1930	240	209	188	160	158	136	324	693	1,270	215	310	194	341
1931	306	220	190	180	170	162	142	458	344	61.6	85.1	76.3	200
1932	92.1	149	170	170	165	167	244	924	1,950	523	267	170	415
1933	160	176	151	170	150	143	140	258	1,360	220	65.7	70.1	254
1934	79.7	124	145	129	125	101	168	261	73.6	64.2	70.5	58.6	117
1935	47.3	74.4	105	95	106	115	158	362	1,623	227	107	83.3	257
1936	85.6	126	118	120	115	110	249	1,694	1,077	479	363	225	398
1937	147	158	174	160	150	155	246	1,524	870	361	133	163	355
1938	174	173	179	154	160	158	288	1,073	1,363	278	133	214	362
1939	233	240	204	180	170	220	306	896	387	141	96.0	137	268
1940	175	129	137	161	160	143	142	967	299	102	69.1	168	222
1941	259	206	168	155	157	142	179	1,175	1,376	396	204	186	384
1942	275	243	203	184	176	173	324	716	1,341	315	109	134	349
1943	167	188	162	157	169	181	500	1,233	1,413	517	249	111	421
1944	197	208	185	170	160	196	238	935	1,640	549	132	110	393
1945	173	187	168	162	155	155	165	781	1,149	425	306	161	333
1946	186	212	172	145	131	163	463	1,017	944	192	126	94.3	321
1947	190	213	176	165	169	184	221	1,447	1,384	517	264	154	425
1948	161	201	175	163	160	163	186	955	750	162	106	86.9	273
1949	116	169	174	155	155	179	343	1,110	1,870	582	157	130	429
1950	186	212	191	209	190	184	345	846	2,208	630	146	175	460
1951	160	204	210	182	179	162	195	946	1,719	569	328	142	417
1952	197	196	176	147	150	144	389	1,625	2,417	774	433	246	574
1953	168	206	234	222	180	168	153	220	1,592	376	236	114	322
1954	132	196	177	171	161	145	173	644	228	150	89.7	99.3	198
1955	154	153	139	150	140	150	154	644	696	196	183	123	240
1956	107	171	192	168	156	166	220	1,013	1,300	228	137	93.9	329
1957	98.1	165	158	148	148	143	128	317	2,038	612	217	146	359
1958	153	227	202	173	167	158	200	1,222	1,078	184	111	106	332
1959	95.7	164	178	146	139	134	123	267	799	237	140	106	210
1960	181	184	148	131	125	174	176	463	600	178	102	110	214
1961	141	170	156	137	120	103	77.7	307	299	123	111	267	168
1962	253	222	157	128	197	192	495	944	1,452	476	183	139	403
1963	191	150	151	140	167	129	134	582	938	241	191	219	269
1964	156	191	186	142	123	136	161	816	1,329	504	168	114	336
1965	99.5	168	181	190	164	146	214	590	2,201	1,332	429	348	505
1966	262	246	232	207	187	220	336	845	398	209	136	142	286
1967	161	152	195	207	176	179	160	563	1,999	866	217	155	419
1968	156	188	195	176	179	170	186	411	2,282	477	333	181	409
1969	220	203	189	205	196	193	397	1,760	1,171	308	177	173	432
1970	220	195	112	67.2	19.4	29.5	103	-	-	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09279500 Duchesne River at Duchesne, Utah - Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly runoff, in acre-feet						
1918	12,300	11,900	12,200	8,670	7,780	12,000	11,900	37,500	98,200	27,500	9,040	13,600	263,000
1919	19,800	15,900	13,300	11,400	11,100	13,800	17,600	80,600	42,200	8,420	6,330	12,000	252,000
1920	15,300	13,000	11,300	10,500	11,500	11,500	13,200	70,700	119,000	32,600	14,200	12,800	336,000
1921	15,400	15,200	11,000	10,500	11,600	16,700	17,300	67,000	165,000	56,000	22,400	19,000	427,000
1922	15,300	14,800	15,800	12,100	11,600	14,300	18,400	139,000	212,000	50,800	22,500	14,700	541,000
1923	12,900	15,900	14,900	12,300	9,720	12,500	16,900	79,300	123,000	67,600	25,100	15,600	406,000
1924	21,700	16,300	14,500	12,300	11,900	10,400	14,400	69,500	26,700	7,440	3,540	5,590	214,000
1925	8,300	9,340	9,100	8,060	7,780	7,990	9,880	66,400	55,800	19,900	9,720	12,400	225,000
1926	14,600	12,700	12,200	9,840	12,100	11,900	16,800	75,000	52,800	12,700	8,670	5,210	245,000
1927	7,320	8,510	9,410	8,610	8,110	9,960	15,100	69,500	108,000	36,300	11,000	31,700	324,000
1928	25,400	19,900	17,800	13,880	9,660	10,500	11,600	105,000	95,800	16,400	6,090	4,370	336,000
1929	9,280	10,800	11,100	10,800	10,000	11,700	11,400	53,900	101,000	35,800	18,900	18,600	303,000
1930	14,800	12,400	11,600	9,840	8,780	8,360	19,300	42,600	75,600	13,200	19,100	11,500	247,000
1931	18,800	13,100	11,700	11,100	9,440	9,960	8,450	28,200	20,500	3,790	5,230	4,540	145,000
1932	5,660	8,870	10,500	10,500	9,490	10,300	14,500	56,800	116,000	32,200	16,400	10,100	301,000
1933	9,840	10,500	9,280	10,500	8,330	8,790	8,330	15,900	80,900	13,500	4,040	4,170	184,000
1934	4,900	7,400	8,920	7,960	6,960	6,190	9,990	16,040	4,380	3,950	4,330	3,490	84,510
1935	2,910	4,430	6,460	5,840	5,890	7,060	9,410	22,230	96,550	13,950	6,610	4,950	186,300
1936	5,270	7,490	7,280	7,380	6,610	6,740	14,830	104,200	64,060	29,480	22,340	13,400	289,100
1937	9,060	9,380	10,680	9,840	8,330	9,530	14,620	93,730	51,760	22,180	8,170	9,700	257,000
1938	10,720	10,320	11,010	9,440	8,870	9,720	17,170	65,970	81,080	17,070	8,170	12,760	262,300
1939	14,300	14,260	12,510	11,070	9,440	13,520	18,190	55,120	23,010	8,650	5,900	8,140	194,100
1940	10,770	7,670	8,430	9,890	9,210	8,790	8,460	59,430	17,790	6,260	4,250	9,980	160,900
1941	15,920	12,240	10,310	9,530	8,710	8,720	10,360	72,220	81,910	24,340	12,530	11,060	278,100
1942	16,940	14,470	12,490	11,330	9,790	10,630	19,290	44,030	79,810	19,340	6,700	7,970	252,800
1943	10,260	11,180	9,970	9,670	9,410	11,120	29,770	75,820	84,100	31,790	15,310	6,630	305,000
1944	12,100	12,410	11,360	10,450	9,200	12,040	14,160	57,510	97,610	33,750	8,100	6,560	285,200
1945	10,620	11,150	10,340	9,980	8,620	9,550	9,850	48,020	68,360	26,140	18,790	9,580	241,000
1946	11,420	12,590	10,550	8,910	7,300	10,050	27,520	62,530	56,160	11,800	7,730	5,610	232,200
1947	11,660	12,660	10,820	10,150	9,400	11,320	13,140	88,990	82,360	31,790	16,220	9,170	307,700
1948	9,880	11,960	10,780	10,040	9,200	10,040	11,080	58,720	44,630	9,930	6,510	5,170	197,900
1949	7,140	10,060	10,690	9,520	8,590	11,020	20,400	68,500	111,200	35,780	9,650	7,740	310,300
1950	11,430	12,640	11,770	12,850	10,570	11,320	20,530	52,010	131,400	38,750	9,010	10,420	332,700
1951	9,840	12,150	12,910	11,170	9,930	9,980	11,610	58,180	102,300	34,990	20,140	8,470	301,700
1952	12,120	11,650	10,800	9,020	8,630	8,830	23,130	99,270	143,800	47,590	26,640	14,660	416,100
1953	10,350	12,250	14,420	13,670	10,010	10,330	9,090	13,500	94,750	23,120	14,500	6,790	232,800
1954	8,090	11,650	10,900	10,540	8,920	8,920	10,280	39,610	13,550	9,200	5,520	5,910	143,100
1955	9,460	9,080	8,560	9,190	7,780	9,240	9,150	39,570	41,400	12,040	11,280	7,340	174,100
1956	6,560	10,150	11,790	10,340	8,950	10,180	13,120	62,290	77,330	14,040	8,440	5,590	238,800
1957	6,030	9,830	9,710	9,090	8,210	8,770	7,640	19,490	121,300	37,640	13,350	8,710	259,800
1958	9,400	13,500	12,430	10,630	9,290	9,710	11,870	75,140	64,140	11,310	6,820	6,300	240,500
1959	5,880	9,760	10,970	8,960	7,740	8,240	7,330	16,410	47,550	14,580	8,630	6,320	152,400
1960	11,110	10,950	9,100	8,080	7,190	10,690	10,440	28,480	35,720	10,940	6,290	6,540	155,500
1961	8,700	10,130	9,560	8,410	6,640	6,360	4,630	18,890	17,810	7,540	6,850	15,870	121,400
1962	15,530	13,190	9,650	7,850	10,940	11,830	29,440	58,050	86,420	29,250	11,240	8,250	291,600
1963	11,770	8,950	9,300	8,610	9,290	7,940	8,000	35,810	55,790	14,810	11,750	13,020	195,000
1964	9,610	11,340	11,460	8,750	7,100	8,380	9,560	50,190	79,070	30,990	10,360	6,810	243,600
1965	6,120	9,980	11,100	11,680	9,120	9,000	12,760	36,290	131,000	81,870	26,370	20,680	366,000
1966	16,120	14,650	14,240	12,760	10,370	13,530	20,020	51,940	23,670	12,830	8,370	8,430	206,900
1967	9,900	9,050	11,970	12,730	9,750	11,010	9,540	34,610	119,000	53,260	13,350	9,220	303,300
1968	9,590	11,200	11,970	10,840	10,310	10,440	11,090	25,240	135,800	29,330	20,470	10,770	297,000
1969	12,440	12,050	11,620	12,620	10,870	11,870	23,620	108,200	69,670	18,950	10,860	10,290	313,100
1970	13,500	11,600	6,910	4,130	1,080	1,810	6,110	-	-	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09280000 Strawberry River and Willow Creek ditches near Heber, Utah

LOCATION.--Lat 40°20', long 111°14', in SE¼ sec.34, T.5 S., R.6 E., 15 miles (24 km) southeast of Heber.

PERIOD OF RECORD.--October 1949 to September 1960.

GAGE.--Water-stage recorder. Concrete control since 1957. Altitude of gage is 8,000 ft (2,438 m) from topographic map.

REMARKS.--Water for irrigation is diverted from Strawberry River and tributaries of Strawberry River, a tributary of Duchesne River in Colorado River basin, to Daniels Creek, a tributary of Provo River in the Great Basin. The diversions have been made for many years but records are available only since October 1949. The tables herewith show the record at each of the three points at which the diversions are measured and the combined diversion by the group of ditches. Additional water is diverted from Strawberry River basin to the Great Basin by Strawberry tunnel.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly diversion, in acre-feet						
1950	145	0	0	0	0	0	0	117	1,020	825	387	235	2,730
1951	135	0	0	0	0	0	0	20	1,200	638	335	169	2,500
1952	154	1.8	0	0	0	0	0	23	705	1,040	415	143	2,480
1953	0	0	0	0	0	0	0	267	698	658	256	114	1,990
1954	86	0	0	0	0	0	0	422	406	234	136	9.3	1,290
1955	0	0	0	0	0	0	0	407	1,170	539	325	170	2,610
1956	13	0	0	0	0	0	0	172	1,140	594	274	158	2,350
1957	84	0	0	0	0	0	0	0	1,030	753	344	173	2,380
1958	134	0	0	0	0	0	0	133	1,430	583	234	160	2,670
1959	104	38	0	0	0	0	.2	1,100	840	286	160	133	2,660
1960	31	0	0	0	0	0	14	1,560	815	233	107	77	2,840

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09280400 Hobble Creek at Daniels Summit, near Wallsburg, Utah

LOCATION.--Lat 40°17'54", long 111°15'52", in NW¼NW¼NE¼ sec.20, T.2 S., R.12 W., Uintah meridian, Wasatch County, on left bank about 1,000 ft (305 m) upstream from crossing of Hobble Creek ditch, 0.5 mile (0.8 km) west of Daniels Summit on U.S. Highway 40, and 10.5 miles (16.9 km) southeast of Wallsburg.

DRAINAGE AREA.--1.4 sq mi (3.6 km^2), approximately.

PERIOD OF RECORD.--October 1963 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 8,200 ft (2,499 m) from topographic map.

AVERAGE DISCHARGE.--10 years, 2.81 ft^3/s (0.080 m^3/s), 2,040 acre-ft/yr (2.52 hm^3/yr).

EXTREMES.--Maximum discharge, 117 ft^3/s (3.31 m^3/s) June 5, 1968 and May 20, 1973 (gage height, 2.65 ft or 0.808 m); no flow at times during February to April 1964, January to March 1966, Sept. 4, 1967, Aug. 10-17, 1970.

REMARKS.--Records good except those for winter periods, which are poor. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1964	0.10	0.27	0.14	0.10	0	0	0.42	14.7	7.02	0.89	0.21	.097	2.00
1965	.10	.13	.26	.21	.20	.22	1.48	13.8	19.4	1.34	.25	.20	3.14
1966	.24	.29	.29	.15	0	.48	5.61	14.8	1.90	.27	.11	.10	2.03
1967	.14	.24	.10	.11	.14	.21	.62	16.9	25.6	1.69	.19	.10	3.84
1968	.24	.25	.052	.035	.020	.15	.63	10.6	20.5	.83	.34	.29	2.81
1969	.28	.30	.18	.18	.20	.25	4.97	32.3	6.22	1.32	.15	.16	3.92
1970	.40	.32	.081	.020	.039	.11	.69	15.0	6.97	.59	.051	.19	2.06
1971	.36	.43	.31	.12	.10	.33	1.21	17.3	10.5	.60	.12	.14	2.64
1972	.25	.30	.16	.10	.17	.95	3.63	13.5	2.56	.35	.11	.094	1.86
1973	.71	.58	.26	.18	.18	.18	1.90	30.1	10.3	.57	.31	.17	3.82
							Monthly and yearly runoff, in acre-feet						
1964	6.4	16	8.5	6.2	0	0	25	902	418	55	13	5.8	1,460
1965	6.2	7.5	16	13	11	14	88	850	1,150	83	15	12	2,270
1966	14	17	18	9.5	0	30	334	907	113	16	6.6	6.2	1,470
1967	8.6	14	6.2	6.9	7.8	13	37	1,040	1,530	104	12	6.2	2,780
1968	15	15	3.2	2.1	1.2	9.1	38	650	1,220	51	21	17	2,040
1969	17	18	11	11	11	16	296	1,990	370	81	9.5	9.5	2,840
1970	25	19	5.0	1.2	2.1	7.0	41	923	415	36	3.2	11	1,490
1971	22	25	19	7.2	5.6	20	72	1,070	624	37	7.2	8.3	1,910
1972	16	18	9.7	6.2	9.6	58	216	829	152	21	6.7	5.6	1,350
1973	44	34	16	11	10.0	11	113	1,850	611	35	19	10	2,770

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09281500 Hobble Creek ditch near Heber, Utah

LOCATION.--Lat 40°18', long 111°15', in NW¼ sec.15, T.6 S., R.6 E., Salt Lake meridian, at Daniels Pass, 18 miles (29 km) southeast of Heber.

PERIOD OF RECORD.--October 1949 to September 1960. Prior to October 1952, published as Upper and Lower Hobble Creek ditches near Heber.

GAGE.--Water-stage recorder and 36-inch (91 cm) Parshall flume. Altitude of gage is 8,000 ft (2,438 m) from topographic map.

REMARKS.--Water for irrigation is diverted from Strawberry River and tributaries of Strawberry River, a tributary of Duchesne River in Colorado River basin, to Daniels Creek, a tributary of Provo River in The Great Basin. The diversion have been made for many years, but records are available only since October 1949. The tables herewith show the record of diversions above Strawberry Reservoir. Additional water is diverted from Strawberry River basin to The Great Basin by Strawberry tunnel.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly diversion, in acre-feet							
1950	145	0	0	0	0	0	0	160	1,580	872	389	235	3,380
1951	0	0	0	0	0	0	0	745	570	19	0	0	1,330
1952	0	0	0	0	0	0	0	0	474	68	8	1	551
1953	0	0	0	0	0	0	0	498	704	38	14	6	1,260
1954	3	0	0	0	0	0	0	901	90	0	1	0	995
1955	0	0	0	0	0	0	0	798	329	23	3	6	1,160
1956	8	2	1	0	0	0	0	909	328	11	1	2	1,260
1957	0	0	0	0	0	0	0	19	650	47	1	0	717
1958	0	0	0	0	0	0	0	379	226	1	0	0	606
1959	0	1	0	0	0	0	14	391	99	3	1	0	509
1960	7	3	0	0	0	0	12	587	87	0	0	0	696

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09282000 Strawberry tunnel at West Portal, near Thistle, Utah
(Transmountain diversion)

LOCATION.--Lat 40°09'40", long 111°14'40", in SW¼ sec. 34, T. 7 S., R. 6 E., on left bank 40 ft (12 m) downstream from west portal of tunnel and 18 miles (29 km) northeast of Thistle.

PERIOD OF RECORD.--June 1915 to September 1968.

GAGE.--Water-stage recorder and rectangular weir. Altitude of gage is 7,470 ft (2,277 m) by barometer.

EXTREMES.--Maximum discharge, 595 ft^3/s (16.8 m^3/s) July 9, 1923; minimum observed, 4 ft^3/s (0.113 m^3/s) many times when no water was being diverted from Strawberry Reservoir.

REMARKS.--Records good except those for periods of seepage flow only, which are fair. Records show water diverted from Strawberry Reservoir in Colorado River basin, capacity, 270,000 acre-ft (333 hm^3) plus tunnel seepage, for use on lands of Strawberry project in Jordan River basin.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1923	128	7	7	7	7	7	7	7	189	412	255	277	110
1924	48.5	24.1	7	7	7	7	60.2	417	334	403	336	199	155
1925	50.2	32.2	24	24	14.3	7	74.2	211	236	298	269	119	114
1932	-	-	-	-	-	-	-	-	207	309	229	98.1	-
1933	26.6	5	5	5	5	5	5	6	237	277	176	97.0	71.2
1934	27.6	4	4	4	4	4	44.7	125	85.9	74.2	50.7	32.4	38.6
1935	4.7	4	4	4	4	4	4	4	189	221	156	119	60.1
1936	8.6	4	5	5	5	5	5	82.7	244	130	132	84.4	59.2
1937	54.3	5	5	5	5	5	6	44.6	186	175	215	123	69.4
1938	40.0	5	5	5	5	5	6	11.3	343	218	187	93.6	77.1
1939	56.3	5	5	5	5	5	44.1	216	218	306	200	97.5	97.7
1940	10.9	4	4	4	4	4	4.5	157	339	173	147	35.2	74.1
1941	25.0	5	4	4	4	4	4	28.3	176	211	144	132	62.0
1942	19.5	4	4	4	4	4	4	4	255	268	191	116	73.5
1943	42.7	4	4	4	4	4	23.1	147	118	276	191	138	80.3
1944	49.5	4.0	4.0	4.0	4.0	4.0	4.5	4.5	124	349	248	137	78.5
1945	44.6	4.0	4.0	4.0	4.0	4.0	4.5	21.8	156	336	90.5	137	67.9
1946	46.2	4.5	4.5	4.5	4.5	4.5	4.5	127	352	278	170	144	95.8
1947	28.2	5	5	5	5	5	5	94.5	74.7	352	233	169	82.6
1948	59.2	4.5	4.5	4.5	4.5	4.5	4.75	109	249	338	227	182	99.7
1949	26.7	4	4	4	5	5.5	14.2	15.5	266	282	277	138	87.4
1950	47.3	5	5	5	5	5.5	6	37.3	279	236	303	206	95.5
1951	7.9	4.5	4.0	4.0	4.5	5	9.93	23.7	272	355	252	181	94.2
1952	32.7	5	4	4	4	4	5	6	83.8	238	178	189	63.1
1953	125	37.2	5	5	5	5	27.1	68.2	326	328	236	168	112
1954	40.2	6	6	6	6	6	33.1	204	333	285	293	80.0	109
1955	40.2	5	5	5	5	5.52	6	38.7	322	383	232	129	98.7
1956	29.4	5	5	5	5	5.52	9.03	83.6	354	297	282	141	102
1957	15.8	5	5	5	5	5.52	6	6	89.4	358	272	179	80.1
1958	47.7	5	5	5	5	5.52	6	13.7	294	328	291	94.6	92.3
1959	35.6	5	5	5	5	5.52	8.87	198	362	233	184	86.0	95.0
1960	24.3	5	5	5	5	5.52	19.1	169	401	317	258	74.1	108
1961	14.5	5.0	5.0	5.0	5.0	5.0	5.50	220	318	191	95.0	41.0	76.3
1962	5.00	5.00	5.00	5.00	5.00	5.50	5.50	6.00	192	212	239	76.4	63.8
1963	22.1	5.00	5.00	5.00	5.00	5.50	5.50	67.1	96.7	252	196	60.0	61.0
1964	36.3	5.00	5.00	5.00	5.00	6.00	6.00	17.9	55.0	420	263	156	82.5
1965	19.5	5.00	5.00	5.00	5.00	5.52	6.00	6.00	104	234	191	102	57.8
1966	22.2	5.00	5.00	5.00	5.00	5.26	20.9	149	373	262	259	95.4	101
1967	28.1	5.00	5.00	5.00	5.00	5.50	5.50	5.00	18.6	366	329	212	83.3
1968	5.00	5.00	5.00	5.00	5.00	5.50	5.50	5.00	182	344	183	176	77.5

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09282000 Strawberry tunnel at West Portal, near Thistle, Utah - Continued
(Transmountain diversion)

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly runoff, in acre-feet							
1923	7,860	417	430	430	389	430	417	430	11,230	25,330	15,680	16,460	79,500
1924	2,980	1,440	430	430	430	430	3,580	25,650	19,900	24,800	20,640	11,870	112,600
1925	3,090	1,920	1,480	1,480	793	430	4,420	13,000	14,020	18,310	16,570	7,070	82,580
1932	-	-	-	-	-	-	-	-	12,340	18,970	14,060	5,840	-
1933	1,640	298	307	307	278	307	298	369	14,110	17,010	10,830	5,770	51,520
1934	1,700	238	246	246	222	246	2,660	7,690	5,110	4,560	3,120	1,930	27,970
1935	290	238	246	246	222	246	238	246	11,240	13,610	9,610	7,060	43,490
1936	528	238	307	307	288	307	298	5,080	14,500	8,000	8,090	5,020	42,960
1937	3,340	298	307	307	278	307	357	2,740	11,040	10,730	13,190	7,340	50,230
1938	2,460	298	307	307	278	307	357	696	20,400	13,380	11,480	5,570	55,840
1939	3,460	298	307	307	278	307	2,620	13,300	12,980	18,800	12,300	5,800	70,760
1940	672	238	246	246	230	246	268	9,650	20,200	10,620	9,050	2,100	53,770
1941	1,540	298	246	246	222	246	238	1,740	10,460	12,950	8,880	7,840	44,910
1942	1,200	238	246	246	222	246	238	246	15,170	16,470	11,750	6,910	53,180
1943	2,620	238	246	246	222	246	1,370	9,010	7,050	16,960	11,740	8,190	58,140
1944	3,050	238	246	246	230	246	268	277	7,400	21,440	15,230	8,150	57,020
1945	2,740	238	246	246	222	246	268	1,340	9,280	20,660	5,560	8,130	49,180
1946	2,840	268	277	277	250	277	268	7,810	20,950	17,100	10,430	8,590	69,340
1947	1,740	298	307	307	278	307	298	5,810	4,440	21,640	14,320	10,040	59,780
1948	3,640	268	277	277	259	277	283	6,670	14,830	20,770	13,950	10,850	72,350
1949	1,640	238	246	246	278	337	843	950	15,850	17,350	17,060	8,230	63,270
1950	2,910	298	307	307	278	338	357	2,290	16,610	14,530	18,660	12,260	69,140
1951	486	268	246	246	250	307	591	1,460	16,190	21,850	15,520	10,760	68,170
1952	2,010	298	246	246	230	246	298	369	4,980	14,630	10,960	11,270	45,780
1953	7,700	2,220	307	307	278	307	1,610	4,200	19,400	20,170	14,500	9,970	80,970
1954	2,470	357	369	369	333	369	1,970	12,560	19,810	17,550	17,990	4,760	78,910
1955	2,470	298	307	307	278	339	357	2,380	19,190	23,550	14,270	7,700	71,450
1956	1,800	298	307	307	288	339	537	5,140	21,030	18,280	17,330	8,400	74,060
1957	970	298	307	307	278	339	357	369	5,320	22,040	16,740	10,630	57,960
1958	2,930	298	307	307	278	339	357	845	17,470	20,160	17,920	5,630	66,840
1959	2,190	298	307	307	278	339	528	12,180	21,560	14,350	11,290	5,120	68,750
1960	1,490	298	307	307	288	339	1,130	10,410	23,890	19,500	15,890	4,410	78,260
1961	893	298	307	307	278	307	327	13,520	18,950	11,740	5,840	2,440	55,200
1962	307	298	307	307	278	338	327	369	11,430	13,030	14,680	4,540	46,220
1963	1,360	298	307	307	278	338	327	4,130	5,750	15,470	12,060	3,570	44,190
1964	2,230	298	307	307	288	369	357	1,100	3,270	25,840	16,200	9,280	59,860
1965	1,200	298	307	307	278	339	357	369	6,170	14,370	11,760	6,080	41,840
1966	1,370	298	307	307	278	323	1,250	9,140	22,180	16,130	15,900	5,680	73,150
1967	1,730	298	307	307	278	338	327	307	1,110	22,480	20,200	12,620	60,310
1968	307	298	307	307	288	338	327	307	10,840	21,150	11,280	10,480	56,230

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09283000 Strawberry River above mouth of Indian Creek, in Strawberry Valley, Utah

LOCATION.--Lat 40°09', long 111°07', in sec.3, T.4 S., R.11 W., Uintah meridian, about 0.25 mile (0.40 km) downstream from the present-day Strawberry Reservoir, and in the narrows about 3 miles (5 km) upstream from Indian Creek.

DRAINAGE AREA.--132 sq mi (342 km^2).

GAGE.--Staff gage. Altitude of gage is 7,500 ft (2,286 m) from topographic map.

EXTREMES.--1909-10: Maximum discharge observed, 476 ft^3/s (13.5 m^3/s) May 11, 1910 (gage height, 5.0 ft or 1.52 m); minimum daily, 18 ft^3/s (0.51 m^3/s) Aug. 26 to Sept. 3, Sept. 12-13, 1910.

REMARKS.--No diversion or regulation above station during period of these records.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1910	39.4	41.2	40.0	-	-	-	-	297	58.2	29.1	22.1	24.8	-
1911	28.1	-	-	-	-	-	-	-	-	-	-	-	-
						Monthly and yearly runoff, in acre-feet							
1910	2,420	2,450	2,460	-	-	-	-	18,300	3,460	1,790	1,360	1,480	-
1911	1,730	-	-	-	-	-	-	-	-	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09283500 Trail Hollow Creek in Strawberry Valley, Utah

LOCATION.--Lat 40°08', long 111°07', in sec.15, T.4 S., R.11 W., Uintah meridian, 200 ft (61 m) upstream from mouth and about 30 miles (48 km) southeast of Heber.

DRAINAGE AREA.--21 sq mi (54 km^2), approximately.

GAGE.--Staff gage. Altitude of gage is 7,500 ft (2,286 m) from topographic map.

EXTREMES.--1909-10: Maximum discharge observed, 23 ft^3/s (0.651 m^3/s) May 11, 1910 (gage height, 4.9 ft or 1.49 m); minimum observed, 1.2 ft^3/s (0.034 m^3/s) on several days in November 1910.

REMARKS.--No diversion above station during period of these records.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1910	3.52	3.40	3.40	-	-	-	-	14.4	4.64	2.74	1.90	1.80	-
1911	1.57	-	-	-	-	-	-	-	-	-	-	-	-
						Monthly and yearly runoff, in acre-feet							
1910	216	202	209	-	-	-	-	885	276	168	117	107	-
1911	96	-	-	-	-	-	-	-	-	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09284000 Indian Creek in Strawberry Valley, Utah

LOCATION.--Lat 40°08'00", long 111°07'06", in NW¼ sec.15, T.4 S., R.11 W., Uintah meridian, 500 ft (152 m) downstream from Trail Hollow Creek and about 30 miles (48 km) southeast of Heber. The statement in Water-Supply Paper 618 that station was 500 ft (152 m) below Trail Hollow Creek April 1905 to July 1906 is erroneous; it was at that location October 1909 to November 1910 only.

DRAINAGE AREA.--50 sq mi (130 km^2), approximately.

GAGE.--Staff gage. Altitude of gage is 7,500 ft (2,286 m) from topographic map. Prior to July 12, 1906, 0.5 mile (0.8 km) downstream at different datum.

EXTREMES.--1905-6, 1909-10: Maximum daily discharge, 257 ft^3/s (7.28 m^3/s) May 13, 1906 (gage height, 3.15 ft or 0.960 m); minimum daily, 6.5 ft^3/s (0.184 m^3/s) Nov. 13, 1905.

REMARKS.--No diversion above station during period of these records.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1905	-	-	-	-	-	-	-	27.1	20.9	13.6	12.1	11.1	-
1906	9.8	8.4	11.0	9.1	10.5	8.4	44.9	165	59.0	-	-	-	-
1910	24.1	23.0	20.0	-	-	-	-	86.7	41.2	29.3	23.3	22.0	-
1911	20.9	-	-	-	-	-	-	-	-	-	-	-	-
							Monthly and yearly runoff, in acre-feet						
1905	-	-	-	-	-	-	-	1,670	1,240	836	744	660	-
1906	603	500	676	560	583	516	2,670	10,100	3,510	-	-	-	-
1910	1,480	1,370	1,230	-	-	-	-	5,330	2,450	1,800	1,430	1,310	-
1911	1,280	-	-	-	-	-	-	-	-	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09284500 Strawberry River below mouth of Indian Creek, in Strawberry Valley, Utah[1/]

LOCATION.--Lat 40°07'30", long 111°06'00", in SW¼ sec.14, T.4 S., R.11 W., Uintah meridian, about 600 ft (183 m) downstream from Indian Creek (Little Strawberry River) and about 33 miles (53 km) southeast of Heber. (Statements in Water-Supply Paper 175, 211, 249, 269, and 618 that station was above Indian Creek are erroneous.)

DRAINAGE AREA.--182 sq mi (471 km^2).

GAGE.--Staff gage. Altitude of gage is 7,500 ft (2,286 m) from topographic map. May 12, 1903 to July 12, 1906, about 2,000 ft (610 m) downstream at several sites at different datum.

EXTREMES.--1903-6, 1909: Maximum discharge observed, 1,750 ft^3/s (49.6 m^3/s) May 13, 1909 (gage height, 12.5 ft or 3.81 m); minimum observed, 14 ft^3/s (0.396 m^3/s) Jan. 15, 1906.

REMARKS.--No diversion or regulation above gage during period of these records.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1903	-	-	-	-	-	-	-	-	166	50	-	-	-
1904	-	-	-	27	27	27	97	372	145	58	40	29	-
1905	27	27	27	-	-	-	-	225	129	34.6	26.1	30.7	-
1906	32.5	35.0	35.0	28.0	30.0	20.4	228	738	305	-	-	-	-
1909	-	-	-	-	-	-	-	1,070	768	164	97	78.8	-
						Monthly and yearly runoff, in acre-feet							
1903	-	-	-	-	-	-	-	-	9,880	3,070	-	-	-
1904	-	-	-	1,660	1,550	1,660	5,770	22,900	8,630	3,570	2,460	1,730	-
1905	1,660	1,610	1,660	-	-	-	-	13,800	7,680	2,130	1,600	1,830	-
1906	2,000	2,080	2,150	1,720	1,670	1,250	13,600	45,400	18,100	-	-	-	-
1909	-	-	-	-	-	-	-	65,800	45,700	10,100	5,960	4,690	-

1/ Published as Strawberry River (or Creek) in Strawberry Valley, 1903-8.

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09285000 Strawberry River near Soldier Springs, Utah

LOCATION.--Lat 40°08'39", long 111°01'19", in NW¼SE¼SW¼ sec.16, T.4 S., R1.10 W., Uintah meridian, Wasatch County, on left bank 1.2 miles (1.9 km) upstream from Willow Creek, 1.5 miles (2.4 km) downstream from Stinking Springs, and 4 miles (6 km) south of Soldier Springs.

DRAINAGE AREA.--210 sq mi (544 sq km) approximately, includes approximately 170 sq mi (440 sq km) tributary to Strawberry Reservoir, which includes area above diversion dams on Indian and Trail Hollow Creeks.

PERIOD OF RECORD.--October 1942 to September 1956, October 1963 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 7,320 ft (2,231 m) above mean sea level (from topographic map). Prior to Aug. 16, 1948, water-stage recorder at same site at datum 0.2 ft (0.06 m) lower. From Oct. 1, 1963, to June 1, 1971, at site 1 mile (1.6 km) upstream at different datum.

AVERAGE DISCHARGE.--23 years (1943-56, 1964-72) 31.0 ft^3/s (0.878 m^3/s), 22,500 acre-ft/yr (27.8 hm^3/yr) prior to completion of Soldier Creek Dam.

EXTREMES.--Maximum discharge, 1,020 ft^3/s (28.9 m^3/s) May 4, 1952 (gage height, 3.84 ft or 1,170 m), from rating curve extended above 550 ft^3/s (15.6 m^3/s); minimum daily, 0.23 ft^3/s (0.006 m^3/s) July and August 1973.

REMARKS.--Records good, except those for no gage-height record, which are fair. Water storage was started July 14, 1912, in Strawberry Reservoir, 7 miles (11 km) upstream, for use in Great Basin. Water is seldom released from reservoir into Strawberry River. Transmountain diversions from reservoir through Strawberry tunnel to Spanish Fork drainage and from tributaries above reservoir through Hobble Creek ditch, and Strawberry River and Willow Creek ditch to Provo River drainage. New Soldier Creek Dam completed fall of 1972. Storage began June 30, 1973.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1943	20.7	18.2	16	14	15	16	72.0	51.3	49.9	35.9	30.4	22.9	30.2
1944	21.7	18.2	14.6	13.3	13	13.7	27.5	97.3	56.3	42.6	31.8	25.1	31.4
1945	21.4	18.5	15.5	14	13	13.5	17.3	61.7	41.2	32.5	28.4	22.4	25.1
1946	20.8	19.1	16.4	14.0	13.0	12.9	68.3	51.8	36.2	26.8	24.4	20.3	27.0
1947	18.4	16.6	14.6	12.7	12.0	14.4	50.8	45.6	40.2	29.0	23.6	19.9	24.8
1948	18.0	16.7	14.9	13.5	12.2	11.4	29.3	41.2	31.3	24.2	19.7	16.0	20.7
1949	16.0	14.2	12.4	11.0	11.6	16.8	93.0	86.8	57.4	39.8	32.0	26.5	34.9
1950	25.5	20.4	18.2	16.0	14.9	15.5	85.7	84.7	58.6	40.7	31.6	26.5	36.6
1951	22.8	21.3	19.4	17.1	16.1	14.8	62.1	59.0	48.0	35.2	30.6	26.1	31.1
1952	21.6	19.2	18.0	16.0	14.7	13.8	67.0	373	132	83.7	69.3	69.6	75.2
1953	54.6	33.4	26.8	24.3	23.1	23.1	46.2	35.0	35.5	32.5	29.5	25.5	32.5
1954	22.2	19.4	17.0	15.0	15.0	18.4	45.7	26.3	30.9	27.5	22.7	18.4	23.2
1955	15.7	15.4	12.0	11.0	10.7	10.1	39.0	34.9	27.9	22.5	19.9	16.0	19.6
1956	13.4	13.4	13.7	13.8	12.0	12.7	52.0	48.0	37.4	33.1	27.1	20.9	24.8
1964	14.9	12.8	9.10	8.51	7.66	7.68	41.3	70.5	33.0	25.9	21.4	18.8	22.7
1965	15.6	13.5	13.1	12.4	10.6	9.72	40.7	88.4	57.9	43.1	38.9	35.0	31.7
1966	28.1	25.3	20.0	17.0	15.9	16.2	41.5	36.8	32.1	27.3	22.3	17.8	25.1
1967	16.3	15.8	13.8	12.0	11.1	11.9	28.8	76.7	68.0	54.5	44.1	34.0	32.4
1968	26.1	23.2	19.4	17.7	16.9	16.0	22.4	103	62.1	43.5	36.4	28.5	34.7
1969	25.5	21.1	16.9	14.8	13.4	13.5	90.2	110	65.9	49.7	39.4	30.0	40.9
1970	29.6	24.2	20.0	18.0	16.9	16.1	29.5	68.9	39.0	32.8	28.9	25.6	29.2
1971	22.5	20.7	17.6	16.2	15.1	27.3	53.1	45.0	39.1	32.9	30.2	25.7	28.8
1972	24.0	21.0	17.6	16.5	16.9	38.4	51.2	42.0	44.3	30.1	28.2	24.6	29.0
1973	21.5	16.1	15.0	15.6	15.0	15.2	32.8	127	78.8	.30	3.27	10.1	29.3
						Monthly and yearly runoff, in acre-feet							
1943	1,270	1,080	984	861	833	984	4,290	31,160	2,970	2,210	1,870	1,360	21,870
1944	1,340	1,080	897	815	748	843	1,640	5,980	3,350	2,620	1,960	1,500	22,770
1945	1,320	1,100	950	861	722	831	1,030	3,790	2,450	2,000	1,740	1,330	18,120
1946	1,280	1,140	1,010	861	722	793	4,070	3,190	2,150	1,650	1,500	1,210	19,580
1947	1,130	988	897	781	666	887	3,020	2,800	2,390	1,780	1,450	1,180	17,970
1948	1,110	994	918	829	702	698	1,740	2,530	1,860	1,490	1,210	954	15,040
1949	986	847	764	678	647	1,030	5,540	5,340	3,420	2,450	1,970	1,580	25,250
1950	1,570	1,210	1,120	986	829	956	5,100	5,210	3,490	2,510	1,940	1,580	26,500
1951	1,400	1,270	1,190	1,050	893	910	3,690	3,630	2,850	2,170	1,880	1,550	22,480
1952	1,330	1,140	1,110	982	843	849	3,990	22,940	7,860	5,150	4,260	4,140	54,590
1953	3,360	1,990	1,650	1,490	1,280	1,420	2,750	2,150	2,110	2,000	1,820	1,520	23,540
1954	1,360	1,150	1,050	920	835	1,130	2,720	1,610	1,840	1,690	1,400	1,090	16,800
1955	964	918	740	676	595	620	2,320	2,140	1,660	1,380	1,230	954	14,200
1956	823	795	841	847	688	781	3,090	2,950	2,230	2,030	1,660	1,250	17,980
1964	916	764	560	523	441	472	2,460	4,340	1,960	1,590	1,320	1,120	16,470
1965	962	801	803	762	587	598	2,420	5,430	3,450	2,650	2,390	2,080	22,940
1966	1,730	1,500	1,230	1,050	881	996	2,470	2,270	1,910	1,680	1,370	1,060	18,140
1967	1,000	942	847	738	617	730	1,710	4,710	4,050	3,350	2,710	2,020	23,440
1968	1,610	1,380	1,190	1,090	972	982	1,330	6,340	3,700	2,670	2,240	1,700	25,200
1969	1,570	1,260	1,040	910	744	829	5,370	6,750	3,920	3,050	2,420	1,780	29,640
1970	1,820	1,440	1,230	1,110	940	988	1,760	4,240	2,320	2,020	1,780	1,520	21,160
1971	1,380	1,230	1,080	998	841	1,680	3,160	2,770	2,320	2,030	1,860	1,530	20,880
1972	1,470	1,250	1,080	1,020	972	2,360	3,040	2,580	2,640	1,850	1,740	1,470	21,470
1973	1,320	958	922	960	831	934	1,950	7,830	4,690	18	201	600	21,220

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09285500 Willow Creek near Soldier Spring, Utah

LOCATION.--Lat 40°07'05", long 111°00'35", in SE¼NE¼ sec.21, T.4 S., R. 10 W., Uintah meridian, 700 ft (213 m) upstream from mouth and 4.5 miles (7.2 km) southeast of Soldier Springs.

DRAINAGE AREA.--44 sq mi (114 km^2), approximately.

GAGE.--Water-stage recorder. Altitude of gage is 7,300 ft (2,225 m) from topographic map.

EXTREMES.--1943-47: Maximum discharge, 192 ft^3/s (5.44 m^3/s) July 30, 1943 (gage height, 2.35 ft or 0.716 m) from rating curve extended above 65 ft^3/s (1.84 m^3/s); no flow during several months of each year.

REMARKS.--No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1943	-	-	-	-	-	-	-	-	16.6	4.62	2.82	0.27	-
1944	0	0	0	0	0	0	0	40.2	40.4	11.9	2.41	.05	7.93
1945	0	0	0	0	0	0	0	25.9	19.3	6.67	6.07	1.15	4.96
1946	0	0	0	0	0	0	7.25	29.2	9.04	3.08	1.06	.07	4.17
1947	0	0	0	0	0	0	0	29.9	14.8	4.56	1.18	.003	4.24
							Monthly and yearly runoff, in acre-feet						
1943	-	-	-	-	-	-	-	-	987	284	173	16	-
1944	0	0	0	0	0	0	0	2,470	2,410	732	148	2.8	5,760
1945	0	0	0	0	0	0	0	1,600	1,150	410	373	69	3,600
1946	0	0	0	0	0	0	431	1,790	538	189	65	4.0	3,020
1947	0	0	0	0	0	0	0	1,840	881	281	73	.2	3,080

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09285700 Strawberry River above Red Creek, near Fruitland, Utah

LOCATION.--Lat 40°07'01", long 110°48'27", in NE¼NW¼SE¼ sec.20, T.4 S., R.8 W., Uintah meridian, Duchesne County, on left bank 0.25 mile (0.40 km) downstream from Timber Canyon, 3 miles (5 km) upstream from Avintaquin Canyon, 4 miles (6 km) upstream from Red Creek, and 7 miles (11 km) southeast of Fruitland.

DRAINAGE AREA.--360 sq mi (930 km^2), approximately (includes approximately 170 sq mi (440 km^2) tributary to Strawberry Reservoir).

PERIOD OF RECORD.--October 1963 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 6,360 ft (1,938 m) from topographic map. Prior to Apr. 7, 1971, at site 0.3 mile (0.5 km) downstream at different datum.

AVERAGE DISCHARGE.--10 years, 59.6 ft^3/s (1.688 m^3/s), 43,180 acre-ft/yr (53.2 hm^3/yr).

EXTREMES.--Maximum discharge, 610 ft^3/s (17.3 m^3/s) May 14, 1964 (gage height, 3.80 ft or 1.16 m, from floodmarks), from rating curve extended above 330 ft^3/s (9.35 m^3/s) maximum gage height, 5.10 ft (1.55 m) July 9, 1970 (backwater from debris, 0.2 mile (0.3 km) below station); minimum discharge recorded, 9.7 ft^3/s (0.28 m^3/s) Dec. 8, 1963, result of freezeup.

REMARKS.--Records good. Several transmountain diversions upstream. Storage began July 14, 1912, in Strawberry Reservoir for use in Great Basin. Water is seldom released from reservoir into Strawberry River. Transmountain diversions from reservoir through Strawberry tunnel to Spanish Fork drainage and from tributaries above reservoir through Hobble Creek ditch and Strawberry River and Willow Creek ditch to Provo River drainage. New earthfilled dam 7 miles (11 km) below old dam completed September 1972.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1964	28.8	23.3	17.2	15.5	19.2	20.2	53.5	156	82.4	44.7	35.7	30.3	44.0
1965	30.3	29.7	26.3	24.7	23.4	20.7	59.9	211	179	106	73.8	61.1	70.8
1966	50.2	46.2	39.2	32.5	33.0	34.7	64.0	87.6	68.6	48.2	41.5	37.8	48.7
1967	36.4	33.0	28.4	29.3	27.2	26.9	43.9	157	202	118	77.6	63.7	70.4
1968	52.7	45.9	39.3	39.0	34.7	33.2	39.5	180	180	91.2	72.0	50.9	71.6
1969	46.6	40.9	37.3	35.9	31.9	29.5	121	312	149	93.7	69.9	57.3	85.8
1970	54.1	46.4	38.8	36.0	31.8	30.7	42.9	121	89.6	67.9	48.9	44.1	54.5
1971	42.4	37.3	27.5	28.4	21.6	42.5	77.3	116	95.9	61.3	49.9	41.7	53.6
1972	40.2	36.7	24.7	29.8	32.3	56.6	80.0	109	91.2	57.0	43.4	41.7	53.6
1973	41.3	33.9	27.6	22.8	27.5	26.9	43.5	296	168	46.9	29.8	30.5	66.5
						Monthly and yearly runoff, in acre-feet							
1964	1,770	1,380	1,060	950	1,100	1,240	3,180	9,560	4,910	2,750	2,200	1,800	31,910
1965	1,860	1,770	1,610	1,520	1,300	1,270	3,560	12,990	10,650	6,530	4,540	3,640	51,240
1966	3,090	2,750	2,410	2,000	1,830	2,130	3,810	5,390	4,080	2,960	2,550	2,250	35,250
1967	2,240	1,960	1,750	1,800	1,510	1,650	2,610	9,680	11,990	7,230	4,770	3,790	50,990
1968	3,240	2,730	2,420	2,400	2,000	2,040	2,350	11,050	10,680	5,610	4,430	3,030	51,960
1969	2,870	2,430	2,290	2,210	1,770	1,810	7,180	19,200	8,880	5,760	4,300	3,410	62,130
1970	3,320	2,760	2,380	2,210	1,770	1,890	2,550	7,420	5,330	4,180	3,010	2,620	39,440
1971	2,610	2,220	1,690	1,750	1,200	2,610	4,600	7,120	5,700	3,770	3,070	2,480	38,830
1972	2,470	2,180	1,520	1,830	1,860	3,480	4,760	6,720	5,430	3,500	2,670	2,480	38,910
1973	2,540	2,020	1,700	1,400	1,530	1,650	2,590	18,220	9,980	2,880	1,830	1,810	48,150

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09286500 Red Creek near Fruitland, Utah

LOCATION.--Lat 40°12'05", long 110°47'00", in SE¼ sec.21, T.3 S., R.8 W., Uintah meridian, on right bank 250 ft (76 m) upstream from bridge on U.S. Highway 40, 1.5 miles (2.4 km) upstream from Currant Creek, and 4 miles (6 km) southeast of Fruitland.

DRAINAGE AREA.--89 sq mi (230 km^2), approximately.

PERIOD OF RECORD.--November 1917 to September 1922, September 1955 to September 1961.

GAGE.--Water-stage recorder. Altitude of gage is 6,360 ft (1,938 m) from topographic map. Prior to Sept. 1, 1955, staff gage at different datum.

EXTREMES.--Maximum discharge not determined; maximum gage height, 8.95 ft (2.728 m) from floodmarks, datum then in use, between July 31 and Aug. 3, 1919, but may have been higher at other times; no flow at times in most years.

REMARKS.--Records good except those for periods of ice effect or fragmentary or no gage-height record, which are Fair. Diversion above station for irrigation. Flow regulated by Red Creek Reservoir beginning July 1960, capacity, 6,500 acre-ft (8.02 hm^3).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1918	-	-	11.9	11.0	10.0	12.0	19.1	16.1	9.10	3.41	3.18	7.60	-
1919	10.9	9.50	8.00	6.48	5.57	13.4	27.2	42.9	3.33	9.03	24.5	6.70	14.1
1920	7.23	12.0	6.55	8.06	5.00	5.10	11.3	69.0	21.3	2.61	14.1	7.47	14.2
1921	14.1	15.5	10.0	8.0	14.3	21.4	16.6	59.7	41.9	8.06	21.5	14.9	20.5
1922	13.8	12.7	11.0	8.0	5.5	8.6	24.7	96.8	64.4	14.8	27.4	18.0	25.6
1955	-	-	-	-	-	-	-	-	-	-	-	5.50	-
1956	1.50	4.78	10.2	8.8	7.9	16.3	19.4	22.1	3.60	2.08	.62	.50	8.15
1957	4.00	3.91	7.7	9	9.15	8.74	6.98	11.2	22.9	1.70	2.96	4.26	7.67
1958	2.21	8.61	8	8	9.76	12.1	17.0	44.7	3.79	1.0	.26	1.80	9.79
1959	.24	2.36	4.30	5.5	5.0	7.13	1.99	1.25	1.14	.71	.32	.21	2.50
1960	.55	3.03	6	5.82	5.5	8.78	6.30	4.86	.25	0	0	.12	3.43
1961	.30	.08	.08	.60	.70	.70	.41	.34	.28	.01	2.15	2.18	.65
						Monthly and yearly mean runoff, in acre-feet							
1918	-	-	732	676	555	738	1,140	990	541	210	196	452	-
1919	670	565	492	398	309	824	1,620	2,640	198	555	1,510	399	10,200
1920	445	714	403	496	288	314	672	4,240	1,270	160	867	444	10,300
1921	867	922	615	492	794	1,320	988	3,670	2,490	496	1,320	887	14,900
1922	848	756	676	492	305	529	1,470	5,950	3,830	910	1,680	1,070	18,500
1955	-	-	-	-	-	-	-	-	-	-	-	327	-
1956	92	284	625	541	456	1,000	1,150	1,360	214	128	38	30	5,920
1957	246	233	472	553	508	538	416	688	1,360	104	182	254	5,550
1958	136	512	492	492	542	744	1,010	2,750	226	61	16	107	7,090
1959	14	141	264	338	278	438	119	77	68	43	20	13	1,810
1960	34	180	369	358	316	540	375	299	15	0	0	6.9	2,490
1961	18	5.0	5.2	37	39	43	24	21	17	.80	132	130	472

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09287000 Currant Creek below Red Ledge Hollow, near Fruitland, Utah

LOCATION.--Lat 40°19'30", long 111°02'40", in NW¼ sec.8, T.2 S., R.10 W., Uintah meridian, on right bank 600 ft (183 m) downstream from Red Ledge Hollow, and 13.5 miles (21.7 km) northwest of Fruitland.

DRAINAGE AREA.--48 sq mi (124 km^2), approximately.

PERIOD OF RECORD.--October 1945 to September 1968.

GAGE.--Water-stage recorder. Datum of gage is 7,536.18 ft (2,297.028 m) from topographic map.

AVERAGE DISCHARGE.--23 years, 25.4 ft^3/s (0.719 m^3/s), 18,390 acre-ft/yr (22.7 hm^3/yr).

EXTREMES.--Maximum discharge, 688 ft^3/s (19.5 m^3/s) May 2, 1952 (gage height, 3.93 ft or 1.198 m); minimum, 0.7 ft^3/s (0.0198 m^3/s) Sept. 8, 1959.

REMARKS.--Records good except those for period of no gage-height record and those for winter period, which are fair. Currant Creek feeder canal, constructed by the Bureau of Reclamation in 1936, diverts water from headwaters to Strawberry Reservoir, from which it is diverted through Strawberry tunnel to The Great Basin for irrigation in Strawberry Valley project.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1946	7.17	7.82	6	6	7	10	98.2	80.4	24.7	8.05	4.73	3.55	22.0
1947	7.48	9.18	11.0	10.0	9.54	11.5	49.9	139	43.3	14.6	9.98	8.53	27.1
1948	8.32	8.76	8.0	7.4	7.0	7.52	31.8	95.5	31.6	9.34	4.87	3.40	18.7
1949	5.10	6.98	6.39	6.05	7.05	8.71	84.4	164	56.5	15.8	6.22	6.44	31.2
1950	8.99	9.75	7.97	7.0	6.0	8.1	97.8	223	100	22.5	8.36	8.08	42.5
1951	8.84	10.6	10.7	9.0	9.0	11.6	54.6	110	48.6	14.2	7.68	5.59	25.1
1952	7.83	7.93	8	7	8	8	129	369	135	24.2	15.0	12.9	61.2
1953	10.2	9.35	8.5	8.0	7.5	9.18	26.5	61.1	57.8	14.2	9.59	5.54	19.0
1954	6.49	8.39	7.87	8.0	8.0	8.0	47.7	47.3	16.0	6.01	3.64	4.70	14.3
1955	4.89	6.55	5.96	6.0	5.5	6.52	23.3	107	35.2	9.04	5.78	5.5	18.5
1956	5.51	8.86	12.5	9.81	9.0	13.4	57.4	121	37.2	9.20	4.43	3.54	24.4
1957	5.25	6.41	5.58	5	5	6.55	21.6	100	90.9	16.2	7.28	5.06	23.0
1958	7.71	8.71	8.42	7.74	7.0	6.73	27.9	184	49.2	9.66	4.26	4.42	27.4
1959	4.82	7.07	6.74	6	6	6.1	24.2	37.5	14.7	5.11	2.98	3.57	10.4
1960	4.90	6.77	3.77	5	5	10.8	36.6	54.6	16.4	4.54	1.82	3.99	12.9
1961	5.62	6.82	5.96	4.60	4.93	6.71	16.0	16.3	7.16	3.08	4.00	6.28	7.29
1962	5.60	6.46	4.97	4.16	6.18	7.48	102	167	60.6	15.5	4.60	4.07	32.5
1963	6.34	7.34	7.37	6.68	7.36	8.58	17.7	92.7	41.4	11.8	7.69	7.45	18.6
1964	6.78	9.06	6.69	5.32	5	6.42	21.3	141	57.7	16.0	6.83	5.58	24.1
1965	5.56	7.47	9.13	9.39	8.11	10.7	36.4	155	111	28.5	16.5	15.1	34.5
1966	11.2	11.7	10.9	8.95	8.61	16.9	84.8	78.2	23.1	9.73	5.97	6.39	23.1
1967	7.27	9.18	9.41	8.70	8.26	12.8	32.0	173	140	31.0	11.5	8.75	37.8
1968	8.32	9.09	9.61	9.02	9.36	11.4	27.3	125	82.7	18.4	11.9	7.91	27.6
						Monthly and yearly runoff, in acre-feet							
1946	441	465	369	369	389	615	5,840	4,940	1,470	495	291	211	15,900
1947	460	546	676	615	530	706	2,970	8,520	2,570	900	613	507	19,610
1948	512	521	492	455	403	462	1,890	5,870	1,880	574	300	202	13,560
1949	314	415	393	372	392	536	5,020	10,080	3,370	970	382	383	22,630
1950	553	580	490	430	333	496	5,820	13,710	5,960	1,380	514	481	30,750
1951	543	629	660	553	500	712	3,250	6,780	2,890	875	472	333	18,200
1952	481	472	492	430	460	492	7,680	22,690	8,050	1,490	922	768	44,230
1953	630	556	523	492	417	564	1,580	3,750	3,440	875	589	329	13,740
1954	399	499	484	492	444	492	2,840	2,910	952	370	224	280	10,390
1955	300	390	367	369	305	401	1,390	6,550	2,100	556	355	327	13,410
1956	339	527	770	603	518	823	3,420	7,450	2,210	566	273	210	17,710
1957	323	381	343	307	278	403	1,290	6,150	5,410	999	448	301	16,630
1958	474	518	518	476	389	414	1,660	11,330	2,930	594	262	263	19,830
1959	296	421	415	369	333	375	1,440	2,300	875	314	183	212	7,530
1960	301	403	232	307	288	666	2,180	3,360	973	279	112	238	9,340
1961	346	406	367	283	274	413	952	1,000	426	192	246	373	5,280
1962	345	385	305	256	343	460	6,080	10,270	3,600	953	283	242	23,530
1963	390	437	453	411	409	528	1,060	5,700	2,460	725	473	443	13,480
1964	417	539	412	327	288	395	1,270	8,670	3,430	982	420	332	17,480
1965	342	444	561	577	450	657	2,170	9,520	6,590	1,760	1,010	899	24,970
1966	686	698	671	550	478	1,040	5,040	4,810	1,370	598	367	380	16,690
1967	447	546	579	535	459	784	1,910	10,640	8,340	1,900	707	520	27,370
1968	511	541	591	554	538	701	1,620	7,690	4,920	1,130	729	471	20,000

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09287500 Water Hollow near Fruitland, Utah

LOCATION.--Lat 40°14'30", long 110°58'48", in SW¼SW¼SE¼ sec.2, T.3 S., R.10 W., Uintah meridian, Wasatch County, on left bank 1.5 miles (2.4 km) upstream from mouth and 7.5 miles (12.1 km) northwest of Fruitland.

DRAINAGE AREA.--14.0 sq mi (36.3 km^2).

PERIOD OF RECORD.--April 1946 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 7,110 ft (2,167 m) from topographic map.

AVERAGE DISCHARGE.--25 years (1946-71), 5.71 ft^3/s (0.162 m^3/s), 4,140 acre-ft/yr (5.1 hm^3/yr) prior to diversion to Water Hollow Tunnel.

EXTREMES.--Maximum discharge, 133 ft^3/s (3.77 m^3/s) July 18, 1954 (gage height, 3.24 ft or 0.988 m), from rating curve extended above 56 ft^3/s (1.59 m^3/s) on basis of slope-area measurement of peak flow; maximum gage height, 3.59 ft (1.094 m) Nov. 25, 1969 (backwater from ice); minimum discharge recorded, no flow Jan. 6, 1973, result of freezeup.

REMARKS.--Records good. Diversion into Water Hollow tunnel for storage in Strawberry Reservoir began Dec. 9, 1971. Diversion 3.5 miles (5.6 km) upstream from gage; all flows up to 20 ft^3/s (0.57 m^3/s) diverted at this point.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1947	4.64	4.18	4.00	3.50	3.27	3.29	4.47	12.3	9.54	6.59	5.73	4.53	5.52
1948	4.41	4.01	4.0	3.8	3.7	3.9	4.38	6.99	6.77	5.11	4.28	3.53	4.58
1949	3.60	3.76	3.6	3.5	3.5	4.52	7.45	16.8	15.0	10.1	7.72	6.37	7.18
1950	5.72	5.09	4.70	4.50	4.30	4.97	9.19	15.0	16.1	11.3	9.00	7.13	8.10
1951	6.30	5.86	5.50	5.0	5.0	5.0	5.49	11.6	12.4	8.64	7.56	6.25	7.06
1952	5.75	4.62	4.5	4.0	4.5	4.5	13.5	48.9	37.9	22.6	17.7	13.5	15.2
1953	11.1	8.72	7.0	6.0	5.61	5.65	5.51	6.61	9.04	7.01	6.26	5.29	6.99
1954	5.15	4.68	4.0	4.0	4.01	3.85	4.65	6.46	5.45	4.79	3.56	3.05	4.47
1955	2.79	2.96	2.77	2.79	2.20	2.7	3.45	5.94	5.00	3.66	3.15	2.50	3.33
1956	2.51	2.58	2.83	2.44	2.2	2.43	3.57	8.92	8.82	6.20	5.08	3.91	4.30
1957	3.97	3.5	3.19	3.0	3.0	3.5	3.91	5.59	11.4	7.32	5.82	4.80	4.92
1958	4.91	4.79	4.13	3.08	3.00	2.97	5.40	16.2	12.4	7.58	5.83	4.57	6.25
1959	4.35	4.05	3.47	3.02	3.0	3.12	3.43	3.43	3.45	2.66	2.26	2.28	3.21
1960	2.37	2.34	2.29	2.47	2.40	3.03	3.12	3.82	3.12	2.68	1.70	2.14	2.62
1961	2.22	2.08	2.00	1.66	1.50	1.63	2.34	2.52	1.27	1.20	1.55	1.89	1.82
1962	1.97	1.78	1.88	1.57	2.09	2.61	6.94	11.9	9.58	6.16	4.61	3.60	4.57
1963	3.35	2.95	2.81	2.72	3.09	2.68	3.40	6.64	6.96	4.68	4.50	3.98	3.98
1964	3.65	3.23	2.80	2.64	2.50	2.50	3.84	6.91	8.80	5.84	4.42	3.81	4.25
1965	3.64	3.90	3.26	3.19	3.09	2.94	4.57	10.6	15.2	11.6	9.53	6.49	6.52
1966	6.09	5.66	4.48	4.05	3.83	4.19	5.95	10.3	8.15	5.89	4.88	5.06	5.72
1967	4.63	3.99	3.31	2.89	3.21	3.80	4.55	9.68	15.8	11.0	9.17	7.44	6.63
1968	6.16	5.74	5.17	4.59	4.53	4.74	4.93	7.05	11.8	8.74	7.17	5.94	6.39
1969	5.49	4.94	4.70	4.79	4.46	4.54	10.8	22.8	17.4	11.9	9.08	7.52	9.06
1970	6.90	5.26	3.89	2.94	3.14	2.92	4.32	9.73	8.52	6.94	5.44	4.29	5.37
1971	3.08	3.28	2.91	2.53	2.58	3.20	4.11	7.80	8.50	6.94	5.80	4.80	4.64
1972	5.01	5.89	2.74	1.15	1.41	2.01	1.47	2.34	3.88	5.11	4.99	4.36	3.37
1973	2.11	.77	1.07	1.07	1.00	1.03	2.23	2.36	1.30	1.11	.60	5.03	1.64
						Monthly and yearly runoff, in acre-feet							
1947	285	249	246	215	181	202	266	754	568	405	352	269	3,990
1948	271	239	246	234	213	240	261	430	403	314	263	210	3,320
1949	221	224	221	215	194	278	444	1,040	891	622	475	379	5,200
1950	351	303	289	277	239	305	547	923	960	692	553	424	5,860
1951	387	348	338	307	278	307	327	711	738	531	465	372	5,110
1952	353	275	277	246	259	277	803	3,000	2,250	1,390	1,090	805	11,020
1953	681	519	430	369	312	348	328	406	538	431	385	315	5,060
1954	317	279	246	246	223	236	276	397	324	295	219	181	3,240
1955	171	176	170	172	122	166	205	365	297	225	194	149	2,410
1956	155	154	174	150	127	150	212	548	525	381	313	232	3,120
1957	244	208	196	184	167	215	232	344	680	450	358	285	3,560
1958	302	285	254	189	167	182	321	995	736	466	358	272	4,530
1959	267	241	214	186	167	192	204	211	205	164	139	136	2,330
1960	146	139	141	152	138	186	185	235	186	165	104	127	1,900
1961	136	124	123	102	83	100	139	155	76	74	95	112	1,320
1962	121	106	116	96	116	161	413	732	570	379	284	214	3,310
1963	206	176	173	167	172	165	203	408	414	288	277	237	2,880
1964	225	192	172	162	144	154	229	425	523	359	272	227	3,080
1965	224	232	200	196	172	181	272	650	906	716	586	386	4,720
1966	374	337	275	249	212	258	354	633	485	362	300	301	4,140
1967	285	238	204	178	178	234	271	595	940	675	564	443	4,800
1968	379	342	318	282	261	292	293	434	705	537	441	353	4,640
1969	338	294	289	294	248	279	641	1,400	1,040	732	558	447	6,560
1970	424	313	239	181	174	179	257	598	507	426	335	255	3,890
1971	190	195	179	156	143	197	244	479	506	427	357	286	3,360
1972	308	350	168	71	81	123	87	144	231	314	307	259	2,440
1973	130	46	66	66	56	63	132	145	78	68	37	299	1,190

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09288000 Currant Creek near Fruitland, Utah

LOCATION.--Lat 40°12'01", long 110°54'25", in NE¼SE¼SW¼ sec. 21, T.3 S., R.9 W., Uintah meridian, Wasatch County, on left bank 150 ft (46 m) downstream from Deep Creek, 150 ft (46 m) upstream from bridge on U.S. Highway 40 and 3.5 miles (5.6 km) southwest of Fruitland.

DRAINAGE AREA.--140 sq mi (363 km^2).

PERIOD OF RECORD.--October 1934 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 6,670 ft (2,033 m) from topographic map. Aug. 6, 1952 to Nov. 8, 1966, water-stage recorder at site 150 ft (46 m) downstream at datum 1.30 ft (0.396 m) lower. See WSP 1733 for history of changes prior to Aug. 6, 1952.

AVERAGE DISCHARGE.--39 years, 46.5 ft^3/s (1.317 m^3/s), 33,690 acre-ft/yr (41 hm^3/yr).

EXTREMES.--Maximum discharge, 1,260 ft^3/s (35.7 m^3/s) May 4, 1952 (gage height, 2.72 ft or 0.829 m, site and datum then in use); maximum gage height, 4.24 ft (1.292 m) Feb. 17, 1965, site and datum then in use (backwater from ice); minimum discharge recorded, 3.6 ft^3/s (0.10 m^3/s) Aug. 9, 10, 1961.

REMARKS.--Records good except those for winter periods, which are poor. Currant Creek feeder canal, constructed by the Bureau of Reclamation in 1936, diverts water from headwaters of Currant Creek to Strawberry Reservoir, from which it is diverted through Strawberry tunnel to The Great Basin for irrigation in Strawberry Valley project. Since 1962, Deep Creek has been diverted intermittently into private fish ponds and enters Currant Creek 400 ft (122 m) below gage.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1935	16	16	15	14.7	13.5	15.3	33.7	108	109	21.5	14.5	11.0	32.4
1936	12.7	14.0	13.1	14.0	13.9	15.0	88.6	240	87.7	9.5	12.4	17.6	45.0
1937	22.2	19.5	17.8	14.5	16	19.8	68.0	232	117	50.6	27.4	24.6	52.6
1938	25.7	27.2	25.7	21.7	20.5	27.0	88.2	200	120	40.2	23.4	23.9	53.7
1939	32.7	27.7	25.1	24.3	23.7	46.3	82.4	101	47.8	23.6	14.2	17.3	38.9
1940	22.1	20.2	18.1	17.8	20.3	25.6	42.6	57.7	22.8	11.3	8.0	15.6	23.5
1941	17.3	17.1	15.2	16.5	18.3	22.8	38.7	156	76.1	34.0	19.5	17.8	37.7
1942	26.2	26.0	23.2	19.5	21.9	30.2	95.2	109	62.2	26.8	18.1	17.5	39.7
1943	21.1	21.4	22.5	23.2	26.3	34.2	162	163	100	40.6	29.3	22.8	55.5
1944	29.6	27.7	24.8	24.8	25.7	30.5	54.5	230	135	54.0	30.4	25.9	57.9
1945	28.3	30.2	32.0	31.8	33.2	36.3	49.8	159	97.8	41.2	31.2	27.7	50.0
1946	29.0	30.5	27.3	27.0	30.3	36.2	134	115	49.3	25.6	20.3	17.7	45.1
1947	25.5	28.4	28.7	27.5	27.1	35.6	75.8	189	71.1	35.3	26.8	25.5	49.8
1948	27.6	29.8	27.1	22.7	24.8	28.2	55.3	126	50.2	23.6	15.7	11.9	37.0
1949	18.7	21.3	19.7	17.6	21.2	28.7	125	217	102	41.2	28.8	25.8	55.8
1950	31.1	34.1	31.1	33.7	31.1	36.2	136	255	159	55.4	36.7	33.3	73.0
1951	34.4	36.0	34.1	35.3	39.6	37.0	71.1	151	78.3	36.6	30.4	24.9	50.8
1952	29.3	28.9	30.4	29.4	31.9	31.1	179	600	253	98.5	73.6	57.3	121
1953	50.0	45.7	42.5	42.7	40.6	44.5	59.4	90.9	85.3	37.9	32.4	24.3	49.7
1954	28.8	31.6	28.8	28.9	30.3	33.9	73.7	71.8	35.5	23.5	18.9	19.7	35.4
1955	21.8	26.1	24.3	25.8	25.4	30.2	47.9	128	56.2	24.5	20.4	16.2	37.4
1956	18.3	22.1	29.0	25.8	24.6	33.0	84.8	156	62.8	27.4	19.4	17.8	43.5
1957	21.0	22.8	23.5	23.7	25.4	28.8	42.6	130	129	36.6	26.7	22.5	44.4
1958	27.7	28.2	30.1	26.8	29.1	27.9	60.0	231	87.3	32.7	21.8	20.3	52.1
1959	23.5	23.4	22.3	23.3	25.3	25.6	42.4	51.6	25.2	14.5	11.6	15.1	25.3
1960	18.7	18.8	14.6	17.1	17.7	26.6	49.9	64.7	27.4	14.2	7.66	11.9	24.1
1961	18.3	18.8	16.5	15.1	17.9	20.2	29.5	26.8	11.5	6.88	6.86	14.9	16.9
1962	14.0	15.4	13.9	13.8	16.4	17.1	135	210	82.4	29.4	14.9	12.9	48.0
1963	17.3	18.8	18.5	18.1	26.0	25.0	39.4	111	57.2	20.5	19.9	17.7	32.5
1964	16.9	21.7	14.1	13.0	15.5	18.3	45.2	156	80.5	28.3	14.6	13.7	36.5
1965	15.5	15.1	17.8	19.9	21.4	29.8	57.8	168	128	54.5	40.3	36.0	50.4
1966	32.6	34.7	30.6	22.3	25.7	34.8	106	97.8	40.4	24.8	16.8	19.1	40.5
1967	22.6	23.2	18.6	19.9	18.9	22.2	43.1	200	198	66.2	33.4	25.8	57.8
1968	28.1	29.8	27.0	29.3	30.8	34.7	48.2	147	108	36.1	34.4	25.4	48.2
1969	27.0	27.2	28.5	26.4	26.3	30.7	145	313	107	51.4	36.3	31.1	71.1
1970	38.2	34.5	26.1	22.7	28.5	30.2	40.5	149	77.8	34.0	23.1	23.5	44.2
1971	25.8	27.0	19.4	24.2	24.0	30.1	115	170	93.1	31.9	25.3	21.7	50.7
1972	26.5	23.8	18.0	19.2	20.0	40.2	83.1	117	55.7	25.9	19.4	18.9	39.0
1973	28.0	23.8	20.5	20.0	21.4	23.7	51.9	213	71.1	33.3	20.5	24.9	46.2
						Monthly and yearly runoff, in acre-feet							
1935	984	952	922	902	748	940	2,000	6,640	6,470	1,320	891	657	23,430
1936	783	833	805	859	797	922	5,270	14,790	5,220	581	762	1,050	32,670
1937	1,360	1,160	1,090	891	889	1,220	4,050	14,240	6,950	3,110	1,680	1,460	38,100
1938	1,580	1,620	1,580	1,340	1,140	1,660	5,230	12,280	7,140	2,480	1,440	1,420	38,930
1939	2,010	1,650	1,550	1,490	1,320	2,850	4,900	6,220	2,840	1,450	873	1,030	28,180
1940	1,360	1,200	1,110	1,100	1,170	1,580	2,530	3,550	1,350	692	494	930	17,070
1941	1,060	1,020	936	1,020	1,020	1,400	2,300	9,600	4,530	2,090	1,200	1,060	27,240
1942	1,610	1,550	1,430	1,200	1,210	1,860	5,660	6,690	3,700	1,650	1,110	1,040	28,710
1943	1,300	1,270	1,380	1,420	1,460	2,100	9,610	10,050	5,960	2,500	1,800	1,360	40,210
1944	1,820	1,650	1,530	1,520	1,480	1,870	3,240	14,140	8,040	3,320	1,870	1,540	42,020
1945	1,740	1,800	1,970	1,960	1,840	2,230	2,970	9,760	5,820	2,530	1,920	1,650	36,190
1946	1,780	1,810	1,680	1,660	1,680	2,230	7,960	7,050	2,940	1,570	1,250	1,050	32,660
1947	1,560	1,690	1,770	1,690	1,510	2,190	4,510	11,590	4,230	2,170	1,650	1,520	36,080
1948	1,700	1,770	1,660	1,390	1,430	1,730	3,290	7,760	2,990	1,450	966	707	26,840
1949	1,150	1,270	1,210	1,080	1,180	1,770	7,460	13,370	6,100	2,530	1,770	1,540	40,430
1950	1,910	2,030	1,910	2,070	1,730	2,220	8,110	15,710	9,480	3,410	2,260	1,980	52,820
1951	2,120	2,140	2,100	2,170	2,200	2,280	4,230	9,260	4,660	2,250	1,870	1,480	36,760
1952	1,800	1,720	1,870	1,800	1,830	1,910	10,640	36,870	15,050	6,050	4,530	3,410	87,480
1953	3,080	2,720	2,610	2,630	2,260	2,740	3,530	5,590	5,070	2,330	1,990	1,450	36,000
1954	1,770	1,880	1,770	1,780	1,680	2,080	4,380	4,420	2,110	1,450	1,160	1,170	25,660
1955	1,340	1,550	1,490	1,590	1,410	1,860	2,850	7,890	3,340	1,510	1,250	964	27,040
1956	1,130	1,310	1,780	1,590	1,420	2,030	5,040	9,570	3,740	1,680	1,190	1,060	31,540
1957	1,290	1,360	1,440	1,460	1,410	1,770	2,530	7,990	7,680	2,250	1,640	1,340	32,160
1958	1,700	1,680	1,850	1,650	1,620	1,720	3,570	14,210	5,190	2,010	1,340	1,200	37,750
1959	1,440	1,390	1,370	1,430	1,400	1,570	2,520	3,170	1,500	892	712	897	18,290
1960	1,150	1,120	900	1,050	1,020	1,640	2,970	3,980	1,630	871	483	716	17,520
1961	1,130	1,120	1,010	928	992	1,240	1,760	1,650	682	423	422	889	12,240
1962	859	918	855	849	912	1,050	8,050	12,890	4,900	1,810	916	767	34,780
1963	1,060	1,120	1,140	1,110	1,440	1,540	2,340	6,850	3,410	1,260	1,220	1,060	23,550
1964	1,040	1,290	869	801	893	1,120	2,690	9,590	4,790	1,740	897	814	26,930
1965	956	899	1,090	1,230	1,190	1,830	3,440	10,310	7,590	3,350	2,480	2,140	36,510
1966	2,000	2,060	1,880	1,370	1,430	2,140	6,320	6,010	2,400	1,520	1,040	1,130	29,310
1967	1,390	1,380	1,150	1,220	1,050	1,370	2,570	12,270	11,770	4,070	2,050	1,540	41,[illegible]20
1968	1,730	1,770	1,660	1,800	1,770	2,130	2,870	9,030	6,400	2,220	2,110	1,510	35,010
1969	1,660	1,620	1,750	1,620	1,460	1,890	8,640	19,230	6,340	3,160	2,230	1,850	51,450
1970	2,350	2,050	1,610	1,400	1,580	1,860	2,410	9,170	4,630	2,090	1,420	1,400	31,960
1971	1,580	1,610	1,190	1,490	1,330	1,850	6,840	10,460	5,540	1,960	1,560	1,290	36,690
1972	1,630	1,410	1,110	1,180	1,150	2,470	4,950	7,180	3,310	1,590	1,190	1,130	28,300
1973	1,720	1,420	1,260	1,230	1,190	1,460	3,090	13,090	4,230	2,040	1,260	1,480	33,470

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09288100 Red Creek below Currant Creek, near Fruitland, Utah

LOCATION.--Lat 40°08'47", long 110°45'09", in NE¼SW¼SE¼ sec.11, T.4 S., R.8 W., Uintah meridian, Duchesne County, on right bank 700 ft (213 m) upstream from bridge, 1.6 miles (2.6 km) upstream from mouth, 3.2 miles (5.1 km) downstream from Currant Creek, and 7 miles (11 km) southeast of Fruitland.

DRAINAGE AREA.--300 sq mi (777 km^2), approximately.

PERIOD OF RECORD.--October 1963 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 6,130 ft (1,868 m) from topographic map.

AVERAGE DISCHARGE.--10 years, 60.6 ft^3/s (1.716 m^3/s), 43,900 acre-ft/yr (54.1 hm^3/yr).

EXTREMES.--Maximum discharge, 1,340 ft^3/s (37.9 m^3/s) Aug. 31, 1967 (gage height, 4.46 ft or 1.359 m, in gage well, 4.74 ft or 1.445 m from floodmarks), from rating curve extended above 540 ft^3/s (15.3 m^3/s) on basis of slope-area measurement of peak flow; minimum, 6.9 ft^3/s (0.20 m^3/s) Feb. 22, 1971, result of freezeup.

REMARKS.--Records good except those for winter period, which are poor. Several diversions above station for irrigation, including transmountain diversion to The Great Basin through Strawberry tunnel. Flow slightly regulated by Red Creek Reservoir, 13 miles (21 km) upstream, beginning July 1960, capacity 5,700 acre-ft (7.03 hm^3).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1964	27.2	30.4	20.2	20.6	23.3	29.0	55.4	175	91.4	34.9	19.9	19.7	45.7
1965	21.2	26.1	27.5	28.3	28.3	37.5	64.2	211	148	61.6	56.4	49.6	63.5
1966	41.1	39.3	33.2	27.3	31.5	53.5	138	121	51.3	27.0	21.4	29.0	51.2
1967	31.5	30.1	24.2	29.5	33.5	42.6	51.4	212	239	68.2	49.4	38.0	70.9
1968	36.5	39.4	37.2	38.3	45.2	49.9	57.7	165	133	53.7	59.7	44.9	63.4
1969	63.9	40.2	37.7	38.1	41.3	55.6	161	348	120	62.1	52.3	45.4	89.1
1970	51.3	42.6	33.4	30.4	41.5	35.9	51.8	163	80.4	47.3	36.5	39.7	54.6
1971	39.4	36.1	32.5	33.1	31.5	39.5	113	163	89.8	37.5	32.6	32.0	56.8
1972	34.9	35.6	28.0	34.7	38.8	57.4	99.8	125	61.0	28.9	25.5	28.2	49.8
1973	39.5	36.8	29.9	27.0	28.5	40.6	91.3	233	79.6	46.7	37.7	40.8	61.2
						Monthly and yearly runoff, in acre-feet							
1964	1,670	1,810	1,240	1,270	1,340	1,780	3,300	10,780	5,440	2,140	1,230	1,170	33,170
1965	1,300	1,550	1,690	1,740	1,570	2,300	3,820	12,970	8,830	3,790	3,470	2,950	45,990
1966	2,530	2,340	2,040	1,680	1,750	3,290	8,220	7,470	3,050	1,660	1,320	1,720	37,070
1967	1,940	1,790	1,490	1,810	1,860	2,620	3,060	13,040	14,210	4,200	3,040	2,260	51,310
1968	2,250	2,340	2,280	2,350	2,600	3,070	3,430	10,130	7,940	3,300	3,670	2,670	46,040
1969	3,930	2,390	2,320	2,340	2,290	3,420	9,560	21,380	7,150	3,820	3,220	2,700	64,530
1970	3,150	2,540	2,050	1,870	2,300	2,210	3,080	10,030	4,780	2,910	2,240	2,360	39,540
1971	2,420	2,150	2,000	2,030	1,750	2,430	6,730	10,050	5,350	2,300	2,000	1,910	41,120
1972	2,140	2,120	1,720	2,130	2,230	3,530	5,940	7,680	3,630	1,780	1,570	1,680	36,150
1973	2,430	2,190	1,840	1,660	1,580	2,500	5,430	14,340	4,740	2,870	2,320	2,430	44,320

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09288150 West Fork Avintaquin Creek near Fruitland, Utah

LOCATION.--Lat 39°59'40", long 110°49'00", in NW¼ sec.5, T.6 S., R.8 W., Uintah meridian, Duchesne County, 0.2 mile (0.3 km) upstream from mouth and 15 miles (24 km) south of Fruitland.

DRAINAGE AREA.--56 sq mi (145 km^2), approximately.

PERIOD OF RECORD.--June 1964 to September 1973. Published as Cottonwood Creek near Fruitland 1964-71.

GAGE.--Water-stage recorder. Altitude of gage is 6,750 ft (2,057 m) from topographic map.

AVERAGE DISCHARGE.--9 years, 16.3 ft^3/s (0.46 m^3/s), 11,810 acre-ft/yr (14.6 hm^3/yr).

EXTREMES.--Maximum discharge, 1,830 ft^3/s (51.8 m^3/s) Aug. 22, 1971 (gage height, 5.40 ft or 1.646 m), from rating curve extended above 320 ft^3/s (9.06 m^3/s); Minimum recorded, 0.2 ft^3/s (0.006 m^3/s) Jan. 24, 1965, result of freezeup.

REMARKS.--Records good except those for periods of no gage-height record and winter periods, which are poor. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1964	-	-	-	-	-	-	-	-	28.8	9.79	3.99	2.25	-
1965	2.07	1.25	0.75	0.98	1.83	4.73	27.2	98.4	94.0	29.1	11.9	9.18	23.5
1966	5.50	3.11	2.53	2.06	2.54	4.09	23.0	38.9	12.6	6.33	2.74	2.14	8.83
1967	2.02	1.71	1.54	1.96	2.39	4.49	10.8	60.9	67.5	22.9	9.98	5.46	16.0
1968	3.16	2.22	1.77	1.57	2.09	7.05	15.0	79.7	67.3	17.7	9.89	3.76	17.6
1969	3.03	2.52	1.75	1.75	1.88	4.09	43.1	112	28.5	12.4	12.2	4.50	19.1
1970	3.67	3.08	1.95	1.33	2.41	3.42	5.04	37.6	28.8	12.9	5.22	4.05	9.17
1971	4.19	2.81	1.95	2.52	3.46	7.55	18.4	61.1	35.5	17.5	17.2	3.26	14.7
1972	1.84	2.14	1.78	2.05	1.99	12.9	21.1	47.5	25.1	8.25	3.75	3.23	11.0
1973	3.92	3.68	2.65	2.50	2.56	3.30	29.7	1.91	57.1	14.8	6.19	3.73	27.0
							Monthly and yearly runoff, in acre-feet						
1964	-	-	-	-	-	-	-	-	1,710	602	245	134	-
1965	127	74	46	60	102	291	1,620	6,050	5,590	1,790	730	546	17,020
1966	338	185	155	127	141	252	1,370	2,390	747	389	169	127	6,390
1967	124	102	95	121	133	276	645	3,750	4,010	1,410	614	325	11,600
1968	195	132	109	97	120	434	891	4,900	4,010	1,090	608	224	12,810
1969	186	150	108	107	105	251	2,560	6,900	1,700	764	749	268	13,850
1970	226	183	120	82	134	210	300	2,310	1,720	791	321	241	6,640
1971	257	167	120	155	192	464	1,090	3,750	2,110	1,080	1,060	194	10,640
1972	113	127	110	126	114	792	1,260	2,920	1,490	507	231	192	7,980
1973	241	219	163	154	142	203	1,770	11,720	3,400	910	381	222	19,520

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09288180 Strawberry River near Duchesne, Utah

LOCATION.--Lat 40°09'17", long 110°33'15", in SE¼SW¼SW¼ sec.3, T.4 S., R.6 W., Uintah meridian, Duchesne County, on right bank 150 ft (46 m) downstream from County Road bridge, 2,000 ft (610 m) upstream from maximum high-water line of Starvation Reservoir, and 7.5 miles (12.1 km) west of Duchesne.

DRAINAGE AREA.--770 sq mi (1,990 km^2), approximately (includes approximately 170 sq mi or 440 km^2 tributary to Strawberry Reservoir).

PERIOD OF RECORD.--May 1968 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 5,722 ft (1,744 m) above mean sea level (Rabbit Gulch Quadrangle which gives bridge elevation).

AVERAGE DISCHARGE.--5 years, 150 ft^3/s (4.248 m^3/s), 108,700 acre-ft/yr (134 hm^3/yr).

EXTREMES.--Maximum discharge, 1,310 ft^3/s (37.1 m^3/s) May 18, 1973 (gage height, 6.30 ft or 1.920 m); minimum daily discharge, 40 ft^3/s (1.13 m^3/s) Feb. 27, 1971.

REMARKS.--Records good except those for winter periods, which are poor. Several diversions above station for irrigation, including transmountain diversions to The Great Basin. Storage in Strawberry Reservoir began July 14, 1912; water diverted to reservoir from headwaters of Currant Creek feeder canal since 1936. Diversions from reservoir through Strawberry tunnel to Spanish Fork drainage and from tributaries above reservoir through Hobble Creek ditch and Strawberry River and Willow Creek ditch to Provo River drainage. New Soldier Creek Dam, 7 miles (11 km) below Strawberry Reservoir, completed fall 1972, and began storage spring 1973.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1968	-	-	-	-	-	-	-	484	430	158	152	98.1	-
1969	114	91.7	87.6	97.4	88.9	84.3	325	827	335	178	130	110	207
1970	118	101	88.3	62.5	72.9	79.8	102	457	219	108	81.5	86.4	124
1971	84.8	80.3	65.6	72.1	48.5	82.2	173	361	228	103	82.2	74.8	121
1972	78.9	80.7	54.1	68.2	80.3	138	208	327	193	86.9	67.3	73.1	121
1973	91.6	83.1	68.9	64.0	66.6	96.0	208	827	434	115	71.5	89.2	177
						Monthly and yearly runoff, in acre-feet							
1968	-	-	-	-	-	-	-	29,730	25,580	9,700	9,330	5,840	-
1969	7,020	5,460	5,390	5,990	4,940	5,180	19,320	50,880	19,930	10,920	7,980	6,560	149,600
1970	7,240	6,030	5,430	3,840	4,050	4,910	6,340	21,950	13,020	6,670	5,010	5,140	89,620
1971	5,220	4,780	4,030	4,430	2,690	5,050	10,270	22,220	13,100	6,360	5,060	4,450	87,670
1972	4,850	4,800	3,320	4,200	4,620	8,500	12,380	20,100	11,510	5,340	4,140	4,350	88,110
1973	5,630	4,950	4,230	3,940	3,700	5,900	12,350	50,850	19,850	7,060	4,400	5,310	128,200

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09288500 Strawberry River at Duchesne, Utah

LOCATION.--Lat 40°09'40", long 110°24'40", in SW¼NE¼ sec.2, T.4 S., R.5 W., Uintah meridian, on right bank 0.8 mile (1.3 km) west of Duchesne and 1.5 miles (2.4 km) upstream from mouth.

DRAINAGE AREA.--950 sq mi (2,460 km^2), approximately (includes approximately 170 sq mi or 440 km^2 tributary to Strawberry Reservoir).

PERIOD OF RECORD.--June 1908 to November 1910 (no winter records), March 1914 to September 1968. Published as "at Theodore" 1908-10.

GAGE.--Water-stage recorder. Datum of gage is 5,512.4 ft (1,680.18 m) above mean sea level, adjustment of 1927. Prior to Oct. 26, 1948, chain or staff gages near present site at various datums. Oct. 26, 1948, to Aug. 12, 1952, water-stage recorder at site 60 ft (18 m) upstream at datum 1.99 ft (0.607 m) higher. Aug. 13, 1952, to Aug. 2, 1960, at same site at datum 0.70 ft (0.213 m) higher. Since Apr. 2, 1962, auxiliary water-stage recorder on left bank.

AVERAGE DISCHARGE.--54 years (1914-68), 151 ft^3/s (4.28 m^3/s), 109,300 acre-ft/yr (135 hm^3/yr).

EXTREMES.--Maximum discharge, 3,490 ft^3/s (98.8 m^3/s) May 7, 1952 (gage height, 5.34 ft or 1.628 m, datum then in use); maximum gage height, 5.49 ft (1.673 m) Mar. 11, 1966 (backwater from ice); minimum discharge observed, 1 ft^3/s (0.028 m^3/s) for several days in July 1931.

REMARKS.--Records good except those for periods of no gage-height record, which are fair. Several diversions above station for irrigation, including transmountain diversions to The Great Basin. Storage in Strawberry Reservoir began July 14, 1912; water diverted to reservoir from headwaters of Currant Creek through Currant Creek feeder canal since 1936. Diversions from reservoir through Strawberry tunnel to Spanish Fork drainage (see station 09282000) and from tributaries above reservoir through Hobble Creek ditch and Strawberry River and Willow Creek ditch to Provo River drainage.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1908	-	-	-	-	-	-	-	-	-	179	153	123	-
1909	135	136	100	-	-	-	451	2,080	1,950	541	365	335	-
1910	212	214	-	-	-	-	1,090	1,020	379	219	165	163	-
1911	165	142	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	437	1,020	519	241	160	118	-
1915	138	93.5	76.5	77	83	112	209	305	244	102	68.5	83.2	133
1916	86.2	103	71.7	66.0	85.0	305	463	1,110	521	239	182	102	279
1917	172	90.7	88.5	45.0	85.0	175	301	886	1,200	359	176	170	313
1918	146	135	137	70.3	95.0	132	156	248	211	132	63.5	79.9	134
1919	104	78.5	49.7	46.0	70.0	130	219	495	176	82.7	97.2	107	138
1920	91.7	83.8	63.6	75.0	80.0	98.9	146	926	584	198	248	128	228
1921	113	108	87.5	90	137	212	277	962	970	271	332	167	311
1922	133	121	126	84.4	99.3	202	227	1,790	1,280	317	261	169	402
1923	148	149	120	100	90	118	298	1,190	742	298	202	144	301
1924	142	128	104	100	110	111	189	206	80.4	55.8	44.1	44.1	109
1925	60.2	70.5	54.7	60.0	65.0	93.2	136	142	116	123	81.8	56.1	88.3
1926	79.1	72.5	65.4	60	70	100	215	268	96.7	73.5	121	38.5	105
1927	46.5	55.8	44.7	35	38.1	72.2	140	715	292	204	116	247	168
1928	111	133	93.8	70	70	150	340	1,140	339	123	89.4	53.6	227
1929	110	92.6	75.7	75	75	109	138	615	319	196	168	139	177
1930	91.6	87.2	75	70	90	74.6	206	252	121	70.9	91.0	69.7	108
1931	70.7	60.4	50	50	60	69.4	84.9	90.7	44.8	34.5	41.6	23.7	56.2
1932	36.5	49.7	60	70	80	91.4	147	503	260	87.8	97.6	56.1	129
1933	53.8	57.0	47.6	55	50	67.2	85.1	250	343	99.8	57.1	45.6	101
1934	36.5	48.4	48.1	50	52.1	46.3	35.4	16.5	7.6	11.3	18.0	8.0	31.4
1935	21.5	35.9	35	35	35	55.5	75.3	202	201	46.2	49.3	22.1	67.9
1936	32.5	41.8	48.9	55	60	64.3	232	567	248	189	124	92.3	147
1937	63.5	83.3	85	80	80	100	221	838	369	196	163	169	205
1938	95.1	94.5	94.2	70.2	102	103	304	521	242	104	69.1	136	161
1939	83.6	76.1	84.9	65	55	169	192	209	93.6	42.7	39.2	54.9	97.3
1940	56.3	61.0	69.8	60	60	81.2	101	127	47.9	27.5	20.9	97.0	67.4
1941	50.8	52.9	55.6	45	55	76.2	123	648	337	140	108	61.9	147
1942	104	123	99.3	85.0	86.4	107	344	397	210	99.8	62.4	59.6	148
1943	67.1	80.1	74.2	66.1	92.7	96.3	382	372	219	96.0	110	51.7	142
1944	77.4	77.1	74.9	60	70	99.6	166	643	360	137	70.2	65.0	159
1945	85.1	90.9	79.4	85.2	91.8	92.9	102	328	192	108	136	66.7	122
1946	71.3	72.8	60.2	60	75	103	279	279	105	71.0	67.4	52.2	108
1947	69.5	81.1	75.5	66.8	107	119	206	480	176	78.5	83.7	68.3	135
1948	68.2	74.6	69.1	65	69.4	106	124	274	118	50.6	29.5	29.2	89.9
1949	52.8	61.6	56	50	56.4	117	374	763	366	161	86.7	72.3	185
1950	102	97.2	69.7	60.0	65.9	112	340	604	373	153	88.4	88.4	180
1951	90.8	97.7	91.0	84.0	91.7	91.6	172	415	246	111	124	63.4	140
1952	84.0	81.6	78.5	80	85	97.6	565	2,155	827	305	264	200	403
1953	163	132	110	100	95	114	140	181	199	94.8	97.7	61.1	124
1954	77.4	86.1	79.7	75	84.9	93.2	148	150	77.1	61.9	55.2	82.9	89.2
1955	72.6	72.8	63.0	58	55	62.6	138	313	131	65.0	104	56.7	99.7
1956	52.0	59.6	77.0	76.4	91.4	124	198	425	179	81.1	56.7	39.2	122
1957	62.5	71.5	84.4	85.0	84.6	90.0	104	429	454	140	105	78.1	149
1958	82.7	102	104	87.9	100	103	182	740	256	89.5	60.0	77.5	166
1959	61.2	65.4	61.9	52.6	60.9	74.0	81.1	78.4	41.5	29.3	31.9	31.2	55.7
1960	52.9	51.0	44.2	44.2	45	62.6	89.6	136	49.9	19.8	12.1	21.3	52.4
1961	42.6	49.6	43.6	40.0	45.0	55.2	66.5	43.0	13.2	5.89	25.1	67.5	41.3
1962	47.2	49.7	39.0	36.1	78.9	117	454	638	253	101	54.9	54.9	161
1963	99.7	75.9	57.2	40.2	80.3	65.7	101	263	117	39.6	97.0	81.2	93.3
1964	51.9	65.9	42.4	40.2	50.0	59.7	118	426	228	85.4	58.5	45.4	106
1965	51.0	60.4	53.5	59.4	60.7	75.0	172	672	527	218	158	127	187
1966	109	114	86.1	74.1	77.7	122	261	284	129	73.6	54.5	73.7	122
1967	81.4	77.6	62.3	57.4	71.0	100	128	449	559	234	143	118	174
1968	101	92.9	78.5	83.4	90.6	114	141	506	436	159	157	103	172

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09288500 Strawbery River at Duchesne, Utah--Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly runoff, in acre-feet							
1908	-	-	-	-	-	-	-	-	-	11,000	9,410	7,320	-
1909	8,300	8,090	6,150	-	-	-	26,800	128,000	116,000	33,300	22,400	19,900	-
1910	13,000	12,700	-	-	-	-	64,900	62,700	22,600	13,500	10,100	9,700	-
1911	10,100	8,450	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	26,000	62,700	3,900	14,800	9,840	7,020	-
1915	8,480	5,560	4,700	4,730	4,610	6,890	12,400	18,800	14,500	6,270	4,210	4,950	96,100
1916	5,300	6,130	4,410	4,060	4,890	18,800	27,600	68,200	31,000	14,700	11,200	6,070	202,000
1917	10,600	5,400	5,440	2,770	4,720	10,800	17,900	54,500	71,400	22,100	10,800	10,100	227,000
1918	8,980	8,030	8,420	4,320	5,280	8,120	9,280	15,200	12,600	8,120	3,900	4,750	97,000
1919	6,400	4,670	3,060	3,830	3,890	7,990	13,000	30,400	10,500	5,080	5,980	6,370	100,000
1920	5,640	4,990	3,910	4,610	4,600	6,080	8,690	56,900	34,800	12,200	15,200	7,620	165,000
1921	6,950	6,430	5,380	5,530	7,610	13,000	16,500	59,200	57,700	16,700	20,400	9,940	225,000
1922	8,180	7,200	7,750	5,190	5,510	12,400	13,500	110,000	76,200	19,500	16,000	10,100	292,000
1923	9,100	8,870	7,380	6,130	5,000	7,260	17,700	73,200	44,200	18,300	12,400	8,570	218,000
1924	8,730	7,620	6,400	6,150	6,330	6,820	11,250	12,700	4,780	3,430	2,710	2,620	79,500
1925	3,700	4,200	3,360	3,690	3,610	5,730	8,090	8,730	6,900	7,560	5,030	3,340	63,900
1926	4,860	4,310	4,020	3,690	3,890	6,150	12,800	16,500	5,750	4,520	7,440	2,290	76,200
1927	2,860	3,320	2,750	2,150	2,120	4,440	8,330	44,000	17,400	12,500	7,130	14,700	122,000
1928	6,820	7,910	5,770	4,300	4,030	9,220	20,200	70,100	20,200	7,560	5,500	3,190	165,000
1929	6,760	5,510	4,650	4,610	4,170	6,700	8,210	37,800	19,000	12,100	10,300	8,270	128,000
1930	5,630	5,190	4,610	4,300	5,000	4,590	12,300	15,300	7,200	4,360	5,600	4,150	78,400
1931	4,350	3,590	3,070	3,670	3,330	4,270	5,050	5,580	2,670	2,120	2,560	1,410	41,100
1932	2,240	2,960	3,690	4,300	4,600	5,620	8,750	30,900	15,500	5,400	6,000	3,340	92,300
1933	3,310	3,390	2,930	3,380	2,780	4,130	5,060	15,400	20,400	6,140	3,510	2,710	73,100
1934	2,250	2,880	2,960	3,070	2,890	2,840	2,100	1,010	454	696	1,110	478	22,740
1935	1,320	2,130	2,150	2,150	1,940	3,410	4,480	12,430	11,950	2,840	3,030	1,310	49,140
1936	2,000	2,490	3,010	3,380	3,450	3,950	13,800	34,850	14,740	11,630	7,600	5,490	106,400
1937	3,900	4,950	5,230	4,920	4,440	6,150	13,130	51,540	21,970	12,050	10,010	10,080	148,400
1938	5,850	5,620	5,790	4,310	5,670	6,310	18,080	32,010	14,380	6,380	4,250	8,080	116,700
1939	5,140	4,530	5,220	4,000	3,050	10,390	11,400	12,640	5,570	2,630	2,410	3,270	70,450
1940	3,460	3,630	4,290	3,690	3,450	4,990	6,010	7,790	2,850	1,690	1,290	5,770	48,910
1941	3,120	3,150	3,420	2,770	3,050	4,690	7,320	39,850	20,030	8,630	6,650	3,680	106,400
1942	6,420	7,300	6,110	5,230	4,800	6,580	20,470	24,430	12,490	6,140	3,840	3,540	107,400
1943	4,130	4,770	4,560	4,670	5,150	5,920	22,750	22,870	13,020	5,900	6,760	3,070	103,000
1944	4,760	4,590	4,600	3,690	4,030	6,120	9,880	39,530	21,450	8,400	4,320	3,870	115,200
1945	5,230	5,410	4,880	5,240	5,100	5,710	6,060	20,150	11,400	6,610	8,360	3,970	88,120
1946	4,380	4,330	3,700	3,690	4,170	6,320	16,600	17,140	6,270	4,360	4,140	3,110	78,210
1947	4,270	4,830	4,650	4,110	5,950	7,310	12,270	29,520	10,500	4,820	5,150	4,060	97,440
1948	4,190	4,440	4,250	4,000	3,990	6,510	7,400	16,830	6,990	3,110	1,810	1,740	65,260
1949	3,250	3,660	3,440	3,070	3,130	7,220	22,220	46,910	21,770	9,900	5,330	4,300	134,200
1950	6,270	5,790	4,280	3,690	3,660	6,870	20,250	37,130	22,180	9,380	5,430	5,260	130,200
1951	5,580	5,810	5,600	5,170	5,090	5,640	10,230	25,550	14,640	6,810	7,630	3,770	101,500
1952	5,160	4,860	4,830	4,920	4,890	6,000	33,640	132,500	49,180	18,730	16,210	11,900	292,800
1953	10,010	7,860	6,760	6,150	5,280	7,030	8,360	11,120	11,860	5,830	6,010	3,640	89,910
1954	4,760	5,120	4,900	4,610	4,710	5,730	8,820	9,220	4,590	3,810	3,390	4,930	64,590
1955	4,460	4,330	3,880	3,370	3,050	3,850	8,230	19,260	7,800	4,000	6,390	3,370	72,190
1956	3,200	3,550	4,740	4,700	5,260	7,610	11,780	26,150	10,670	4,990	3,490	2,330	88,470
1957	3,840	4,250	5,190	5,230	4,700	5,540	6,220	26,360	27,020	8,640	6,440	4,650	108,100
1958	5,090	6,050	6,370	5,400	5,570	6,300	10,830	45,470	15,210	5,500	3,690	4,610	120,100
1959	3,760	3,890	3,810	3,230	3,380	4,550	4,820	4,820	2,470	1,800	1,960	1,860	40,350
1960	3,250	3,040	2,720	2,720	2,590	3,850	5,330	8,360	2,970	1,220	745	1,270	38,060
1961	2,620	2,950	2,680	2,460	2,500	3,390	3,960	2,640	785	362	1,540	4,020	29,910
1962	2,900	2,960	2,400	2,220	4,380	7,190	27,010	39,220	15,070	6,220	3,380	3,270	116,200
1963	6,130	4,510	3,520	2,470	4,460	4,040	6,020	16,150	6,980	2,440	5,970	4,830	67,520
1964	3,190	3,920	2,610	2,470	2,880	3,670	7,050	26,200	13,590	5,250	3,590	2,700	77,120
1965	3,140	3,590	3,290	3,650	3,370	4,610	10,250	41,310	31,330	13,390	9,700	7,580	135,200
1966	6,670	6,770	5,290	4,550	4,320	7,530	15,530	17,450	7,680	4,530	3,350	4,390	88,070
1967	5,010	4,620	3,830	3,530	3,940	6,170	7,640	27,610	33,280	14,410	8,800	7,040	125,900
1968	6,230	5,530	4,830	5,130	5,210	7,000	8,420	31,130	25,920	9,750	9,660	6,140	124,900

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09288900 Sowers Creek near Duchesne, Utah

LOCATION.--Lat 39°59'22", long 110°27'33", in SW¼SW¼NW¼ sec.4, T.6 S., R.5 W., Uintah meridian, Duchesne County, Ashley National Forest, on left bank 0.3 mile (0.5 km) upstream from Ashley National Forest boundary, 5 miles (8 km) upstream from mouth of Tabby Canyon, and 12 miles (19 km) south of Duchesne.

DRAINAGE AREA.--43 sq mi (111 km^2), approximately.

PERIOD OF RECORD.--May 1964 to September 1973.

GAGE.--Water-stage recorder and Parshall flume. Altitude of gage is 6,800 ft (2,073 m) from topographic map.

AVERAGE DISCHARGE.--9 years, 4.28 ft^3/s (0.121 m^3/s) 2,830 acre-ft/yr (3.49 hm^3/yr).

EXTREMES.--Maximum discharge, 202 ft^3/s (5.72 m^3/s) Aug. 3, 1966 (gage height, 5.41 ft or 1.649 m), from rating curve extended above 35 ft^3/s (0.99 m^3/s); no flow for part of winter period 1964, 1965.

REMARKS.--Records good except those for winter period and period of no gage-height record, which are poor. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1964	-	-	-	-	-	-	-	-	0.79	0.57	0.48	0.42	-
1965	0.46	0.24	0.052	0.19	0.10	0.73	4.46	22.0	20.2	13.5	11.8	9.03	6.93
1966	6.90	6.12	4.85	3.59	3.70	4.98	6.71	8.12	7.89	5.14	5.09	3.60	5.57
1967	2.91	2.45	1.19	1.21	1.19	2.01	2.31	3.01	4.51	4.47	4.36	3.27	2.75
1968	2.50	2.00	1.66	1.18	1.58	2.09	3.68	10.2	8.81	7.03	5.85	4.01	4.23
1969	3.83	3.11	2.07	2.02	2.55	3.07	9.55	21.4	14.4	9.04	6.63	5.87	6.99
1970	4.25	3.60	1.97	2.06	2.91	2.79	2.70	1.91	2.25	1.54	1.40	1.12	2.37
1971	1.08	.89	.54	.70	.75	.66	1.24	1.51	1.29	1.21	1.14	.87	.99
1972	1.01	.88	.92	1.10	.83	1.92	1.69	1.78	1.70	1.41	1.51	1.61	1.36
1973	1.63	1.10	.65	.70	.60	1.28	4.83	30.4	20.3	12.2	7.55	6.54	7.36
						Monthly and yearly runoff, in acre-feet							
1964	-	-	-	-	-	-	-	-	47	35	29	25	-
1965	29	14	3.2	1.2	5.6	45	265	1,350	1,200	831	728	538	5,010
1966	424	364	298	221	206	306	399	499	469	316	313	214	4,030
1967	179	146	73	74	66	124	137	185	269	275	268	195	1,990
1968	154	119	102	73	91	129	219	629	524	432	360	239	3,070
1969	235	185	127	124	142	189	568	1,320	857	556	408	349	5,060
1970	261	214	121	127	162	172	161	117	134	95	86	67	1,720
1971	66	53	33	43	42	41	74	93	77	75	70	52	718
1972	62	52	56	68	48	118	101	109	101	87	93	96	990
1973	100	65	40	43	33	79	287	1,870	1,210	751	464	389	5,330

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09289000 Antelope Creek near Myton, Utah

LOCATION.--Lat 40°08'10", long 110°12'30", in SW¼ sec.10, T.4 S., R.3 W., Uintah meridian, at crossing of Gray Mountain Canal, 1.25 miles (2.01 km) upstream from mouth and 10 miles (16 km) west of Myton.

GAGE.--Staff gage. Altitude of gage is 5,300 ft (1,615 m) from topographic map.

EXTREMES.--1917-21: Maximum gage height observed, 8.85 ft (2.697 m) June 22, 1918 (discharge not determined); no flow for part of each year.

REMARKS.--Diversions above station for irrigation.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1918	-	-	9.41	7.71	6.87	2.70	-	-	-	-	0.23	0.47	-
1919	0.91	3.67	3.22	2.16	1.70	2.52	0.40	0.10	0.20	0	0	0	1.24
1920	0	2.00	1.5	1.5	1.5	1.51	.08	0	0	0	2.86	3.36	1.19
1921	3.71	5.79	3.00	3.00	4.00	3.37	0	10.4	12.1	-	-	-	-
						Monthly and yearly runoff, in acre-feet							
1918	-	-	579	474	381	166	-	-	-	-	14	28	-
1919	56	218	198	133	94	155	24	6	12	0	0	0	896
1920	0	119	92	92	86	93	5	0	0	0	176	200	863
1921	228	345	184	184	222	207	0	640	720	-	-	-	-

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09289500 Lake Fork River above Moon Lake, near Mountain Home, Utah

LOCATION.--Lat 40°36'24", long 110°31'35", in SW¼SE¼SE¼ sec.35, T.3 N., R.6 W., Uintah meridian, Duchesne County, Ashley National Forest on right bank 2,000 ft (610 m) upstream from head of Moon Lake at maximum stage, 2 miles (3 km) upstream from Brown Duck Creek, 16 miles (26 km) northeast of Mountain Home.

DRAINAGE AREA.--78 sq mi (202 km^2), approximately.

PERIOD OF RECORD.--April 1933 to September 1934 (published as West Fork of Lake Fork above Moon Lake, near Mountain Home); July 1942 to September 1955, October 1963 to September 1965 (published as Lake Fork above Moon Lake, near Mountain Home); October 1965 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 8,180 ft (2,493 m) from topographic map. April 1933 to September 1934, at site 2.5 miles (4.0 km) upstream at different datum. July 13, 1942, to July 26, 1949, at datum 1.00 ft (0.305 m) higher.

AVERAGE DISCHARGE.--23 years, 115 ft^3/s (3.257 m^3/s), 83,320 acre-ft/yr (103 hm^3/yr).

EXTREMES.--Maximum discharge, 2,700 ft^3/s (76.5 m^3/s) June 26, 1944 (gage height, 5.27 ft or 1.606 m, present datum), from rating curve extended above 700 ft^3/s (19.8 m^3/s); minimum daily recorded, 13 ft^3/s (0.37 m^3/s) Apr. 14, 1933.

REMARKS.--Records fair except those for winter period and period of no gage-height record, which are poor.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1933	-	-	-	-	-	-	-	65.3	288	107	42.9	31.9	-
1934	28	24	22	20	20	20	89.3	165	66.9	31.1	39.1	26.5	46.2
1942	-	-	-	-	-	-	-	-	-	-	70.8	52.9	-
1943	47.6	39.3	32.4	28	26.6	27.6	104	342	398	182	106	48.7	116
1944	41.2	36.3	30	25	25	27	30	259	675	323	85.5	45.8	133
1945	46.3	37.6	30	25	25	24	30	226	405	225	125	68.9	106
1946	41.9	35.0	28	26	24	23	85.0	231	335	91.0	53.3	43.0	84.7
1947	42.1	36.9	33	28	26	27	46.3	416	421	224	111	64.4	124
1948	43.6	36.4	29	25	23	23	27.2	315	249	71.8	49.6	36.7	77.7
1949	32.4	30.0	27	25	23	23	55.6	258	721	207	84.5	45.1	128
1950	44.1	40.1	30.2	28.5	26.1	25.0	57.3	211	656	205	83.3	55.3	122
1951	37.6	32.4	27.4	25.5	24	23	36	226	526	195	103	52.1	109
1952	46.9	34.1	29.9	25	25	22	50.5	358	727	269	139	77.3	150
1953	46.8	27.4	22.2	20.1	17	16.9	23.8	57.5	529	164	89.1	40.4	87.8
1954	34.1	32.6	28.7	26	25	26	49.3	309	153	92.0	49.5	43.2	72.8
1955	35.8	28.6	24.5	23	20	20	24.7	221	315	90.2	67.8	43.8	76.4
1964	60.2	43.0	35.8	27.0	20.0	23.2	26.3	291	510	253	84.8	49.1	119
1965	32.4	30.5	27.1	24.0	19.0	18.1	41.9	128	681	598	212	137	163
1966	71.1	53.9	37.1	26.5	23.3	21.0	57.4	338	252	118	81.5	77.4	96.9
1967	58.7	39.1	33.6	30.9	27.6	24.2	28.7	252	670	337	131	67.6	142
1968	52.3	40.8	32.8	25.6	22.8	22.3	27.7	117	917	262	161	74.5	146
1969	50.1	38.9	34.2	32.4	27.6	30.4	89.5	578	309	132	86.3	60.6	123
1970	42.3	33.0	27.4	24.4	25.0	23.6	24.3	251	440	154	71.5	92.9	101
1971	45.5	33.5	28.5	25.8	23.3	21.4	55.9	178	768	248	92.1	55.6	131
1972	40.4	35.2	32.5	30.5	29.0	35.5	50.2	288	647	126	61.9	51.1	119
1973	64.2	50.4	40.4	35.1	32.1	29.1	30.1	273	432	223	131	103	121
							Monthly and yearly runoff, in acre-feet						
1933	-	-	-	-	-	-	-	4,020	17,100	6,580	2,640	1,900	-
1934	1,720	1,430	1,350	1,230	1,110	1,230	5,320	10,170	3,980	1,910	2,400	1,580	33,430
1942	-	-	-	-	-	-	-	-	-	-	4,360	3,150	-
1943	2,930	2,340	1,990	1,720	1,480	1,700	6,200	21,030	23,710	11,180	6,540	2,900	83,720
1944	2,530	2,160	1,840	1,540	1,440	1,660	1,790	15,960	40,160	19,840	5,260	2,730	96,910
1945	2,840	2,240	1,840	1,540	1,390	1,480	1,790	13,890	24,120	13,830	7,670	4,100	76,730
1946	2,580	2,080	1,720	1,600	1,330	1,410	5,060	14,180	19,930	5,600	3,280	2,560	61,330
1947	2,590	2,190	2,030	1,720	1,440	1,660	2,750	25,560	25,020	13,780	6,830	3,830	89,400
1948	2,680	2,170	1,780	1,540	1,320	1,410	1,620	19,360	14,840	4,420	3,050	2,180	56,370
1949	1,990	1,790	1,660	1,540	1,280	1,410	3,310	15,880	42,890	12,730	5,190	2,690	92,360
1950	2,710	2,380	1,860	1,750	1,450	1,540	3,410	12,950	39,010	12,620	5,120	3,290	88,090
1951	2,310	1,930	1,690	1,570	1,330	1,410	2,140	13,920	31,300	12,000	6,310	3,100	79,010
1952	2,880	2,030	1,840	1,540	1,440	1,350	3,000	22,000	43,240	16,540	8,540	4,600	109,000
1953	2,880	1,630	1,360	1,240	944	1,040	1,420	3,530	31,500	10,110	5,480	2,400	63,530
1954	2,100	1,940	1,760	1,600	1,390	1,600	2,940	19,020	9,100	5,650	3,050	2,570	52,720
1955	2,200	1,700	1,510	1,410	1,110	1,230	1,470	13,580	18,770	5,540	4,170	2,610	55,300
1964	3,700	2,560	2,200	1,660	1,150	1,430	1,560	17,900	30,360	15,570	5,210	2,920	86,230
1965	1,990	1,820	1,670	1,470	1,060	1,110	2,490	7,850	40,540	36,770	13,060	8,130	118,000
1966	4,370	3,210	2,280	1,630	1,290	1,290	3,420	20,810	14,970	7,280	5,010	4,610	70,160
1967	3,610	2,320	2,070	1,900	1,540	1,490	1,710	15,480	39,860	20,730	8,060	4,020	102,800
1968	3,210	2,430	2,020	1,580	1,310	1,370	1,650	7,180	54,570	16,140	9,880	4,430	105,800
1969	3,080	2,320	2,100	1,990	1,530	1,870	5,330	35,550	18,410	8,120	5,310	3,610	89,210
1970	2,600	1,960	1,690	1,500	1,390	1,450	1,450	15,430	26,170	9,470	4,400	5,530	73,030
1971	2,800	1,990	1,760	1,580	1,290	1,310	3,330	10,920	45,720	15,260	5,660	3,310	94,920
1972	2,480	2,090	2,000	1,880	1,670	2,190	2,990	17,700	38,520	7,760	3,810	3,040	86,120
1973	3,950	3,000	2,480	2,160	1,780	1,790	1,790	16,810	25,690	13,740	8,060	6,130	87,380

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09290000 Brown Duck Creek near Mountain Home, Utah

LOCATION.--Lat 40°34'30", long 110°31'00", in NE¼ sec. 13, T. 2 N., R. 6 W., Uintah meridian, on right bank 0.25 mile (0.40 km) upstream from mouth, 1.5 miles (2.41 km) northwest of Moon Lake Dam, and 12 miles (19 km) northwest of Mountain Home.

DRAINAGE AREA.--15 sq mi (39 km^2), approximately.

PERIOD OF RECORD.--April 1933 to September 1934, October 1942 to September 1955.

GAGE.--Water-stage recorder and Parshall flume. Altitude of gage is 8,200 ft (2,499 m) by barometer. Prior to October 1942, at different datum.

AVERAGE DISCHARGE.--14 years (1933-34, 1942-55), 9.43 ft^3/s (0.267 m^3/s), 6,830 acre-ft/yr (8.42 hm^3/yr).

EXTREMES.--Maximum discharge recorded, 148 ft^3/s (4.19 m^3/s) June 4, 1952 (gage height, 2.75 ft or 0.838 m), from rating curve extended above 80 ft^3/s (2.26 m^3/s); minimum recorded, 0.9 ft^3/s (0.025 m^3/s) Oct. 29, 1942.

REMARKS.--Flow regulated by Brown Duck Lake, usable contents, 3,720 acre-ft (4.59 hm^3). Since July 1946, about 0.7 ft^3/s (0.02 m^3/s) diverted above station for power purposes.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1933	-	-	-	-	-	-	-	4.4	21.0	27.7	6.0	2.0	-
1934	2	1	1	1	1	1	2.5	2.5	6.2	4.3	1.1	1.0	2.1
1943	1.84	1.5	1.5	1	1	2.39	12.5	25.1	19.7	17.0	41.7	2.57	10.7
1944	2.05	2	2	1.5	1	1	1.5	24.7	42.8	23.8	36.8	8.91	12.4
1945	2.19	1.70	1.6	1.5	1.6	1.8	2.50	15.0	15.4	7.79	6.09	24.0	6.74
1946	22.2	1.61	1.50	1.50	1.60	1.70	7.70	16.5	9.67	31.0	17.0	2.01	9.61
1947	1.94	1.3	1.3	1.2	1.0	1.0	4.72	34.5	19.7	9.90	17.6	9.28	8.68
1948	3.00	1.58	1.3	1.2	1.2	1.2	2.03	16.6	10.3	30.3	31.7	4.35	8.82
1949	1.88	1.86	1.7	1.6	1.6	1.6	5.78	27.0	41.5	12.1	27.9	5.45	10.9
1950	3.14	3.0	2.5	2.5	2.0	2.0	6.55	25.8	32.4	10.7	34.0	10.0	11.3
1951	2.94	2.49	2.5	2.5	2.0	2.0	3.0	26.4	31.3	29.3	28.4	6.68	11.7
1952	3.63	3.5	3.0	2.5	2.5	2.0	8.0	52.0	49.2	21.9	38.5	11.9	16.7
1953	4.79	4.25	3.40	3.0	2.5	2.5	3.83	8.20	26.3	18.9	7.24	3.50	7.39
1954	2.85	2.5	2.5	2.0	2.0	2.0	4.94	21.9	14.0	32.2	8.59	3.80	8.34
1955	1.88	1.6	1.5	1.4	1.2	1.3	1.53	14.9	14.5	25.0	11.3	2.73	6.63
							Monthly and yearly runoff, in acre-feet						
1933	-	-	-	-	-	-	-	267	1,250	1,700	371	119	-
1934	123	60	61	61	56	61	149	155	369	262	69	60	1,490
1943	113	89	92	61	56	147	742	1,540	1,170	1,040	2,560	153	7,760
1944	126	119	123	92	58	61	89	1,520	2,550	1,470	2,270	530	9,010
1945	134	101	98	92	89	111	149	921	917	479	374	1,430	4,890
1946	1,360	96	92	92	89	105	458	1,020	576	1,900	1,050	120	6,960
1947	119	77	80	74	56	61	281	2,120	1,170	609	1,080	552	6,280
1948	185	94	80	74	69	74	121	1,020	611	1,860	1,950	259	6,400
1949	116	111	105	98	89	98	344	1,660	2,470	744	1,720	324	7,880
1950	193	179	154	154	111	123	390	1,580	1,930	658	2,090	596	8,160
1951	181	148	154	154	111	123	179	1,620	1,860	1,800	1,750	397	8,480
1952	223	208	184	154	144	123	476	3,200	2,930	1,350	2,370	708	12,070
1953	295	253	209	184	139	154	228	504	1,570	1,160	445	208	5,350
1954	175	149	154	123	111	123	294	1,340	834	1,980	528	226	6,040
1955	116	95	92	86	67	80	91	915	860	1,540	697	163	4,800

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09291000 Lake Fork River below Moon Lake, near Mountain Home, Utah

LOCATION.--Lat 40°33'23", long 110°29'02", in SW¼SW¼NW¼ sec.20, T.2 N., R.5 W., Uintah meridian, Duchesne County, Ashley National Forest, on right bank 2,000 ft (610 m) downstream from Moon Lake Dam, 2 miles (3 km) downstream from Brown Duck Creek, and 12 miles (19 km) northwest of Mountain Home.

DRAINAGE AREA.--110 sq mi (285 sq km) approximately.

PERIOD OF RECORD.--September 1921 to September 1934 (fragmentary), April 1942 to September 1973. Published as West Fork of Lake Fork near Mountain Home 1921-34 and as Lake Fork below Moon Lake, near Mountain Home, 1942-65.

GAGE.--Water-stage recorder. Altitude of gage is 7,970 ft (2,429 m) by barometer. Prior to April 1942, at damsite 2,000 ft (610 m) upstream at different datum.

AVERAGE DISCHARGE.--31 years (1942-73), 128 ft^3/s (3.625 m^3/s), 92,740 acre-ft/yr (114 hm^3/yr).

EXTREMES.--Maximum discharge recorded, 2,180 ft^3/s (61.7 m^3/s) June 19, 1949, from rating curve extended above 860 ft^3/s (24.4 m^3/s); maximum gage height, 5.46 ft (1.664 m) June 26, 1944; no flow at times when reservoir gates were closed.

REMARKS.--Records good. Flow regulated by Moon Lake Reservoir. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1922	60.4	-	-	-	-	-	-	-	1,310	312	150	90.7	-
1923	57.4	-	-	-	-	-	-	-	877	440	171	93.3	-
1924	-	-	-	-	-	-	-	-	232	89.6	50.3	42.8	-
1925	39.6	-	-	-	-	-	-	424	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	366	137	71.2	43.4	-
1927	-	-	-	-	-	-	-	-	568	214	132	-	-
1928	-	-	-	-	-	-	-	-	385	166	79.5	53.7	-
1929	-	-	-	-	-	-	-	-	-	262	-	129	-
1930	-	-	-	-	-	-	-	282	522	195	191	105	-
1931	120	-	-	-	-	-	-	213	216	70.2	55.1	35.8	-
1932	34.8	28.6	-	-	-	-	50	368	648	263	163	86.1	-
1933	-	-	-	-	-	-	-	71.9	480	143	59.4	35.6	-
1934	32	28	24	22	22	22	107	202	66.9	45.8	45.1	34.1	53.9
1942	-	-	-	-	-	-	221	275	474	324	249	136	-
1943	51.4	4.8	0	0	0	0	302	320	227	342	253	239	137
1944	110	.47	0	0	0	0	0	200	622	470	410	168	166
1945	35.8	18.1	0	0	0	0	.8	310	144	323	298	222	114
1946	78.3	7.33	0	0	0	0	93.2	351	276	331	175	73.1	116
1947	35.2	24.6	0	0	0	0	106	228	304	384	243	281	134
1948	96.9	0	0	0	0	0	1.3	258	296	329	142	69.5	100
1949	25.7	1.0	0	0	0	0	92.6	250	423	344	326	148	135
1950	44.6	5.7	0	0	0	0	125	303	411	342	345	122	142
1951	33.5	0	0	0	0	0	121	293	208	371	220	190	121
1952	44.9	0	0	0	0	0	5.63	536	662	382	280	224	178
1953	177	6.37	0	0	0	0	17.5	244	181	413	321	122	125
1954	18.4	0	0	0	0	0	47.9	265	310	221	116	19.0	83.7
1955	16.5	0	0	0	0	0	1.40	276	208	352	173	99.5	94.8
1956	39.0	3.43	0	0	0	0	41.1	247	355	437	311	113	129
1957	28.0	0	0	0	0	0	22.4	207	201	349	289	146	105
1958	60.0	0	0	0	0	0	14.1	447	402	392	260	114	142
1959	51.9	12.0	0	0	0	0	72.1	232	202	333	184	55.8	96.1
1960	42.8	11.7	0	0	0	0	26.9	239	268	366	137	15.7	92.8
1961	36.4	0	0	0	0	0	20.1	164	269	155	65.9	29.5	62.0
1962	11.9	8.10	0	0	0	2.39	104	412	501	366	376	173	164
1963	18.1	15.0	0	0	0	0	0	235	280	378	322	44.2	109
1964	85.0	6.60	0	0	0	0	15.0	292	401	415	390	189	150
1965	36.6	0	0	0	0	0	19.6	290	420	584	239	160	147
1966	142	120	7.65	9.84	44.4	72.3	74.0	320	321	337	294	155	159
1967	68.4	0	0	0	0	0	117	259	420	415	259	315	155
1968	55.5	0	0	0	0	0	15.6	299	613	336	224	286	152
1969	103	0	0	0	0	0	26.0	555	403	373	357	171	167
1970	14.6	20.5	0	0	0	0	99.7	230	166	324	339	151	113
1971	45.1	13.9	0	0	0	0	69.7	299	336	353	303	226	138
1972	40.6	0	0	0	0	10.7	111	273	369	287	303	182	132
1973	9.81	.97	0	0	0	0	12.9	228	459	226	251	245	120
							Monthly and yearly runoff, in acre-feet						
1922	3,710	-	-	-	-	-	-	-	78,000	19,200	9,220	5,400	-
1923	3,530	-	-	-	-	-	-	-	52,200	27,100	10,560	5,550	-
1924	-	-	-	-	-	-	-	-	13,800	5,510	3,090	2,550	-
1925	2,430	-	-	-	-	-	-	26,100	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	20,000	8,420	4,380	2,580	-
1927	-	-	-	-	-	-	-	-	33,800	13,200	8,120	-	-
1928	-	-	-	-	-	-	-	-	22,900	10,200	4,890	3,200	-
1929	-	-	-	-	-	-	-	-	-	16,100	-	7,680	-
1930	-	-	-	-	-	-	-	17,300	31,100	12,000	11,700	6,250	-
1931	7,380	-	-	-	-	-	-	13,100	12,900	4,320	3,390	2,130	-
1932	2,140	1,700	-	-	-	-	2,980	22,600	38,600	16,200	10,000	5,120	-
1933	-	-	-	-	-	-	-	4,420	28,600	8,790	3,650	2,120	-
1934	1,970	1,670	1,480	1,350	1,220	1,350	5,990	12,420	3,980	2,820	2,770	2,030	39,050
1942	-	-	-	-	-	-	13,170	16,920	28,200	19,940	15,320	8,120	-
1943	3,160	284	0	0	0	0	12,020	19,670	13,520	21,020	15,540	14,200	99,410
1944	6,770	28	0	0	0	0	0	12,310	37,000	28,920	25,210	9,970	120,200
1945	2,200	1,080	0	0	0	0	50	19,080	8,570	19,870	18,320	13,220	82,390
1946	4,820	436	0	0	0	0	5,520	21,560	16,440	20,350	10,730	4,350	84,240
1947	2,160	1,460	0	0	0	0	6,280	14,020	18,090	23,580	14,920	16,710	97,220
1948	5,960	0	0	0	0	0	75	15,880	17,630	20,200	8,750	4,130	72,620
1949	1,580	60	0	0	0	0	5,510	15,360	25,190	21,120	20,020	8,800	99,640
1950	2,740	341	0	0	0	0	7,450	18,640	24,450	21,030	21,200	7,240	103,100
1951	2,060	0	0	0	0	0	7,180	18,010	12,390	22,810	13,530	11,300	87,280
1952	2,760	0	0	0	0	0	335	32,980	39,380	23,180	17,210	13,330	129,200
1953	10,860	379	0	0	0	0	1,040	15,020	10,790	25,390	19,710	7,260	90,450
1954	1,130	0	0	0	0	0	2,850	16,290	18,450	13,590	7,140	1,130	60,580
1955	1,010	0	0	0	0	0	83	16,960	12,370	21,630	10,630	5,920	68,600
1956	2,400	204	0	0	0	0	2,450	15,170	21,100	26,880	19,120	6,700	94,020
1957	1,720	0	0	0	0	0	1,340	12,750	11,990	21,440	17,760	8,660	75,660
1958	3,690	0	0	0	0	0	839	27,460	23,920	24,150	16,000	6,790	102,800
1959	3,190	712	0	0	0	0	4,290	14,250	12,040	20,480	11,290	3,320	69,570

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09291000 Lake Fork River below Moon Lake, near Mountain Home, Utah - Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and year runoff, in acre-feet - continued							
1960	2,630	695	0	0	0	0	1,600	14,670	15,930	22,480	8,430	932	67,370
1961	2,240	0	0	0	0	0	1,200	10,060	16,020	9,560	4,050	1,750	44,890
1962	730	482	0	0	0	147	6,210	25,320	29,830	22,500	23,140	10,290	118,600
1963	1,110	895	0	0	0	0	0	14,470	16,640	23,230	19,770	2,630	78,750
1964	5,230	393	0	0	0	0	893	17,970	23,840	25,510	23,990	11,220	109,000
1965	2,250	0	0	0	0	0	1,170	17,820	25,000	35,940	14,690	9,520	106,400
1966	8,740	7,120	470	605	2,460	4,440	4,410	19,660	19,080	20,710	18,100	9,240	115,000
1967	4,210	0	0	0	0	0	6,980	15,930	24,970	25,520	15,940	18,770	112,300
1968	3,410	0	0	0	0	0	926	18,370	36,500	20,670	13,760	17,050	110,700
1969	6,360	0	0	0	0	0	1,550	34,150	23,950	22,960	21,940	10,180	121,100
1970	899	1,220	0	0	0	0	5,930	14,140	9,900	19,920	20,820	9,010	81,850
1971	2,770	827	0	0	0	0	4,150	18,390	19,990	21,710	18,610	13,470	99,920
1972	2,500	0	0	0	0	657	6,630	16,790	21,970	17,620	18,640	10,810	95,620
1973	603	58	0	0	0	0	770	13,990	27,290	13,870	15,450	14,600	86,620

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09291500 Yellowstone Creek below Swift Creek, near Altonah, Utah

LOCATION.--Lat 40°35'50", long 110°20'50", in SE¼ sec.4, T.2 N., R.4 W., Uintah meridian, on left bank 0.25 mile (0.40 km) downstream from Swift Creek and 13.5 miles (21.7 km) north of Altonah.

DRAINAGE AREA.--99 sq mi (256 km^2), approximately.

PERIOD OF RECORD.--August 1949 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 7,990 ft (2,435 m) from river-profile map.

AVERAGE DISCHARGE.--6 years (1949-55), 120 ft^3/s (3.40 m^3/s), 86,880 acre-ft/yr (107 hm^3/yr).

EXTREMES.--Maximum discharge, 1,400 ft^3/s (39.6 m^3/s) June 6, 1952; maximum gage height, 5.38 ft (1.6398 m) June 13, 1953; minimum discharge recorded, 27 ft^3/s (0.765 m^3/s) Apr. 28, 1955, but may have been less during other periods of ice effect.

REMARKS.--No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1949	-	-	-	-	-	-	-	-	-	-	-	104	-
1950	83.4	70.5	56.1	48.3	45.3	43.5	77.5	240	555	221	108	95.6	137
1951	61.9	51.6	46.5	44.6	45	46	44.0	178	390	178	162	89.4	112
1952	75.5	60.1	52.1	50	50	45	81.0	359	713	340	215	155	183
1953	91.6	60.2	50.3	45	40.0	40	46.5	64	408	162	124	95.3	102
1954	53.5	48.5	39.8	33.1	31.4	30.7	49.1	279	158	121	110	73.3	86.1
1955	60.7	48.2	41.1	35	30	30	36.1	224	305	118	140	95.7	97.3
							Monthly and yearly runoff, in acre-feet						
1949	-	-	-	-	-	-	-	-	-	-	-	6,200	-
1950	5,130	4,100	3,450	2,970	2,510	2,680	4,610	14,370	33,020	13,570	6,630	5,690	99,090
1951	3,810	3,070	2,860	2,750	2,500	2,830	2,620	10,970	23,220	10,960	9,970	5,320	80,880
1952	4,650	3,570	3,200	3,070	2,880	2,770	4,820	22,070	42,420	20,900	13,210	9,220	132,800
1953	5,640	3,580	3,090	2,770	2,220	2,460	2,770	3,940	24,250	9,990	7,640	5,670	74,020
1954	3,290	2,890	2,450	2,040	1,750	1,890	2,920	17,160	9,380	7,430	6,780	4,360	62,340
1955	3,730	2,870	2,520	2,150	1,670	1,840	2,150	13,790	18,180	7,240	8,600	5,700	70,440

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09292500 Yellowstone River near Altonah, Utah

LOCATION.--Lat 40°30'43", long 110°20'27", in SW¼SW¼NE¼ sec.4, T.1 N., R.4 W., Uintah meridian, Duchesne County, Uintah and Ouray Indian Reservation, on left bank 1.5 miles (2.4 km) downstream from powerplant of Moon Lake Electric Association, Inc., 2 miles (3 km) downstream from Hell Canyon, 8.2 miles (13.2 km) northwest of Altonah.

DRAINAGE AREA.--131 sq mi (339 sq km).

PERIOD OF RECORD.--October 1944 to September 1973. Prior to October 1965, published as Yellowstone Creek near Altonah.

GAGE.--Water-stage recorder. Altitude of gage is 7,430 ft (2,265 m) from river-profile map.

AVERAGE DISCHARGE.--29 years, 141 ft^3/s (3.993 m^3/s) 102,200 acre-ft/yr (126 hm^3/yr).

EXTREMES.--Maximum discharge, 1,880 ft^3/s (53.2 m^3/s) June 19, 1949 (gage height, 4.55 ft or 1.387 m); minimum observed, 26 ft^3/s (0.74 m^3/s) Feb. 24, 1960 (discharge measurement), result of freezeup.

REMARKS.--Records good except those for period of no gage-height record, which are poor. Some diurnal fluctuation caused by powerplant 1.5 miles (2.4 km) upstream.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1945	93.0	85.2	54.8	45	42	45.4	51.7	225	400	279	187	119	136
1946	86.3	67.1	55.0	51.0	45.0	44.0	114	239	256	122	103	73.3	105
1947	78.4	70.9	63.3	56	52.8	53.0	70.7	469	476	278	169	128	164
1948	94.5	75.6	63.0	54	48	49	54.1	266	280	112	108	71.4	107
1949	64.9	61.2	56	52	50	48.8	79.8	281	717	276	138	111	161
1950	94.4	78.1	64.5	56.4	52.1	50.4	94.1	274	618	234	107	107	152
1951	71.6	59.6	56.9	52.0	51.2	52.3	50.1	212	457	197	186	99.9	129
1952	85.6	70.0	65	55	55	50	93.9	443	751	371	250	177	206
1953	107	78.6	67.6	60	52.4	50.8	55.7	72.2	431	173	136	101	115
1954	71.2	64.5	56.7	49.7	45.2	45.5	65.0	308	161	124	126	86.7	101
1955	70.3	59.2	51.8	45	40	40	49.9	234	337	122	142	99.1	108
1956	72.5	60.0	54.5	50.9	45	45.8	64.2	351	499	149	101	77.3	131
1957	63.8	58.6	54.5	50.0	45.0	44.2	45.9	84.9	616	312	175	154	142
1958	102	84.6	65.4	51.6	50.0	48.0	58.3	381	480	148	104	118	141
1959	91.6	58.2	49.2	45	45	42.1	50.1	111	374	141	139	91.9	103
1960	84.9	65.7	50.9	45.4	44.7	48.2	64.0	222	294	116	84.4	77.0	99.8
1961	70.0	57.3	47.7	40.8	40.0	40.0	46.5	154	163	101	95.0	183	86.7
1962	145	89.1	63.8	50.7	49.6	45.6	120	287	694	303	141	106	175
1963	86.4	63.1	50.8	38.4	42.1	40.0	42.6	275	427	182	134	152	128
1964	98.4	75.2	52.4	46.2	41.0	43.8	51.9	309	550	301	150	106	152
1965	71.5	54.3	52.4	46.6	45.3	43.7	55.1	130	741	744	366	219	215
1966	133	94.7	71.5	49.3	45.4	49.2	92.6	369	290	185	156	143	141
1967	107	79.0	68.6	62.7	56.4	50.1	54.0	265	615	449	199	127	178
1968	91.1	69.8	61.1	55.1	52.9	50.4	57.3	125	882	303	236	133	176
1969	104	75.0	71.9	60.9	49.9	56.1	128	599	448	199	147	121	172
1970	93.3	71.4	54.9	47.8	46.6	43.8	41.1	210	396	192	131	145	123
1971	84.3	62.4	58.7	51.4	47.6	47.0	62.1	165	676	270	157	106	149
1972	84.5	75.2	64.3	55.7	47.1	59.8	60.2	219	514	150	118	856	128
1973	96.8	77.9	64.4	53.4	49.0	45.2	49.6	343	564	311	203	159	168
						Monthly and yearly runoff, in acre-feet							
1945	5,720	5,070	3,370	2,770	2,330	2,790	3,070	13,860	23,830	17,140	11,520	7,080	98,550
1946	5,300	3,990	3,380	3,140	2,500	2,710	6,780	14,720	15,230	7,520	6,320	4,360	75,950
1947	4,820	4,220	3,890	3,440	2,930	3,260	4,210	28,870	28,340	17,110	10,370	7,620	119,100
1948	5,810	4,500	3,880	3,320	2,760	3,010	3,220	16,390	16,670	6,910	6,630	4,250	77,350
1949	3,990	3,640	3,440	3,200	2,780	3,000	4,750	17,290	42,660	17,000	8,470	6,610	116,800
1950	5,810	4,650	3,970	3,470	2,890	3,100	5,600	16,820	36,750	14,400	6,560	6,370	110,400
1951	4,400	3,550	3,500	3,200	2,840	3,220	2,980	13,040	27,170	12,140	11,410	5,940	93,390
1952	5,270	4,170	4,000	3,380	3,160	3,070	5,590	27,270	44,680	22,780	15,360	10,530	149,300
1953	6,610	4,680	4,160	3,690	2,910	3,120	3,310	4,440	25,630	10,640	8,350	6,020	83,560
1954	4,380	3,840	3,490	3,060	2,510	2,800	3,870	18,950	9,580	7,610	7,750	5,160	73,000
1955	4,320	3,520	3,190	2,770	2,220	2,460	2,970	14,390	20,040	7,520	8,740	5,900	78,040
1956	4,460	3,570	3,350	3,130	2,590	2,820	3,820	21,590	29,670	9,140	6,200	4,600	94,940
1957	3,920	3,480	3,350	3,070	2,500	2,720	2,730	5,220	36,650	19,210	10,780	9,160	102,800
1958	6,260	5,030	4,020	3,170	2,780	2,950	3,470	23,410	28,590	9,100	6,380	7,020	102,200
1959	5,630	3,460	3,030	2,770	2,500	2,590	2,980	6,830	22,250	8,670	8,560	5,470	74,740
1960	5,220	3,910	3,130	2,800	2,570	2,970	3,810	13,660	17,490	7,150	5,190	4,580	72,480
1961	4,310	3,410	2,930	2,510	2,220	2,460	2,770	9,490	9,720	6,240	5,840	10,870	62,760
1962	8,900	5,300	3,930	3,120	2,750	2,810	7,150	17,650	41,290	18,620	8,670	6,300	126,500
1963	5,310	3,750	3,120	2,360	2,340	2,460	2,530	16,890	25,420	11,200	8,240	9,030	92,660
1964	6,050	4,470	3,220	2,840	2,360	2,690	3,090	19,010	32,700	18,480	9,220	6,320	110,400
1965	4,390	3,230	3,220	2,870	2,520	2,690	3,280	7,970	44,090	45,730	22,490	13,020	155,500
1966	8,150	5,630	4,400	3,030	2,520	3,020	5,510	22,710	17,270	11,350	9,610	8,530	101,700
1967	6,610	4,700	4,220	3,850	3,130	3,080	3,210	16,300	36,590	27,590	12,250	7,530	129,100
1968	5,600	4,160	3,760	3,390	3,040	3,100	3,410	7,670	52,510	18,630	14,520	7,940	127,700
1969	6,400	4,460	4,420	3,740	2,770	3,450	7,590	36,840	26,630	12,230	9,060	7,190	124,800
1970	5,740	4,250	3,380	2,940	2,590	2,690	2,440	12,900	23,560	11,830	8,050	8,610	88,980
1971	5,180	3,720	3,610	3,160	2,640	2,890	3,690	10,120	40,250	16,580	9,650	6,340	107,800
1972	5,200	4,470	3,960	3,420	2,710	3,680	3,580	13,460	30,570	9,250	7,280	5,090	92,660
1973	5,950	4,630	3,960	3,280	2,720	2,780	2,950	21,070	33,550	19,130	12,480	9,440	121,900

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09293000 Yellowstone Creek near Mountain Home, Utah

LOCATION.--Lat 40°27', long 110°22', in SE¼ sec.29, T.1 N., R.4 W., Uintah meridian, at bridge 0.33 mile (0.53 km) upstream from mouth, 3.5 miles (5.6 km) northeast of Mountain Home, and 7.5 miles (12.1 km) northeast of Altonah.

DRAINAGE AREA.--143 sq mi (370 km^2).

GAGE.--Water-stage recorder.

EXTREMES.--1943-44: Maximum discharge, 2,130 ft^3/s (60.3 m^3/s) June 26, 1944 (gage height, 3.92 ft or 1.195 m); minimum, 16 ft^3/s (0.453 m^3/s) Oct. 14, 1943.

REMARKS.--Diversions above station for irrigation both above and below station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1943	-	-	-	-	-	-	-	222	298	84.3	76.8	35.3	-
1944	30.2	67.7	62.6	51.5	46.9	47.3	57.0	266	694	333	48.5	51.2	146
							Monthly and yearly runoff, in acre-feet						
1943	-	-	-	-	-	-	-	13,660	17,740	5,180	4,720	2,100	-
1944	1,860	4,030	3,850	3,170	2,700	2,910	3,390	16,370	41,290	20,480	2,980	3,050	106,100

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09293500 Lake Fork near Altonah, Utah[1/]

LOCATION.--Lat 40°26'00", long 110°21'50", in SW¼ sec. 32, T.1 N., R.4 W., a quarter of a mile (0.40 km) below heading of United States Lake Fork Canal and 4.5 miles (7.2 km) northwest of Altonah.

DRAINAGE AREA.--331 sq mi (857 km^2).

GAGE.--Water-stage recorder after Oct. 15, 1917. Altitude of gage is 6,860 ft (2,091 m) from topographic map. May 10, 1907 to Nov. 30, 1910, chain gages 500 ft (152 m) downstream at an unknown datum prior to Aug. 31, 1907, and at a different datum after that. June 4 to Sept. 18, 1917, staff gage three-eighths of a mile (0.60 km) upstream and above heading of United States Lake Fork Canal at different datum.

EXTREMES.--1907-10, 1917-20: Maximum discharge observed, 9,300 ft^3/s (263 m^3/s) July 4, 1907 (gage height, 5.25 ft or 1.60 m, site and datum then in use) from rating curve extended above 2,900 ft^3/s (82.1 m^3/s); minimum probably less than 1 ft^3/s (0.028 m^3/s) Oct. 12-20, 1920.

REMARKS.--No diversion above station 1907-10. Diversions above station for water year 1917 by Farnsworth and Payne Canals and for water years 1918-20 by these canals and also by United States Lake Fork Canal. The canals irrigate lands lying almost entirely below the station. Records herewith for 1917-20 show combined flow of river and of canals diverting above station and are equivalent to records for 1907-10. Several small lakes on the headwaters have been developed for storage.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1907	-	-	-	-	-	-	-	-	2,160	3,490	634	351	-
1908	245	189	169	-	-	-	237	422	1,550	721	529	351	-
1909	377	280	251	182	165	168	212	393	2,350	1,030	634	668	559
1910	289	220	188	-	-	180	382	1,040	635	274	214	230	-
1911	231	172	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	2,040	1,180	293	-	-
1918	143	147	146	110	90.0	95.0	95.0	349	1,050	336	209	174	240
1919	155	108	87.2	76.3	60.0	58.8	115	786	498	216	171	131	206
1920	-	-	-	-	-	-	-	548	1,160	500	305	128	-
							Monthly and yearly runoff, in acre-feet						
1907	-	-	-	-	-	-	-	-	129,000	215,000	39,000	20,900	-
1908	15,100	11,200	10,400	-	-	-	14,100	25,900	92,200	44,300	32,500	20,900	-
1909	23,200	16,700	15,400	11,200	9,160	10,300	12,600	24,200	140,000	63,300	39,000	39,700	405,000
1910	17,800	13,100	11,600	-	-	11,100	22,700	64,000	37,800	16,800	13,200	13,700	-
1911	14,200	10,200	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	121,000	72,300	18,000	-	-
1918	8,790	8,750	8,980	6,760	5,000	5,840	5,650	21,500	62,500	20,700	12,900	10,400	175,000
1919	9,530	6,430	5,360	4,690	3,330	3,620	6,830	48,300	29,600	13,200	10,500	7,790	149,000
1920	-	-	-	-	-	-	-	33,690	69,090	30,750	18,760	7,640	-

1/ Published as "below forks," 1904, "below forks, near Whiterocks," 1907-10, and "below forks, near Altonah," 1917.

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09294000 Lake Fork at Hwy 86, near Upalco, Utah

LOCATION.--Lat 40°15'30", long 110°13'17", in NE¼NE¼ sec.4, T.3 S., R.3 W., Uintah meridian, on right bank 0.25 mile (0.40 km) upstream from bridge on State Highway 86, 1.5 miles (2.4 km) south of Upalco, 9 miles (14 km) northwest of Myton, and 10 miles (16 km) upstream from mouth.

DRAINAGE AREA.--418 sq mi (1,083 km^2).

PERIOD OF RECORD.--October 1942 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 5,480 ft (1,670 m) from topographic map.

AVERAGE DISCHARGE.--13 years (1942-55), 58.7 ft^3/s (1.66 m^3/s), 42,500 acre-ft/yr (52.4 hm^3/yr).

EXTREMES.--Maximum discharge, 4,520 ft^3/s (128 m^3/s) June 26, 1944 (gage height, 6.05 ft or 1.844 m) from rating curve extended above 1,400 ft^3/s (39.6 m^3/s); no flow for several days in July and August 1955.

REMARKS.--Many diversions above and below station for irrigation. Flow partly regulated by Moon Lake Reservoir.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1943	11.6	43.0	87.6	82.9	83.0	72.3	16.3	28.2	40.3	3.27	7.13	0.41	39.5
1944	.2	46.8	97.4	90	90	98.6	95.2	71.5	778	320	36.9	23.9	145
1945	13.9	32.7	70	65	60	82.0	41.9	15.0	46.7	17.4	16.5	3.05	38.6
1946	4.12	37.3	60.0	58.0	60.8	50.8	11.8	8.32	10.7	1.18	6.06	2.32	25.8
1947	11.1	79.5	90.0	77.0	93.8	81.5	13.0	53.8	193	17.5	23.1	4.41	61.1
1948	5.22	48.4	82.5	75	70	92.3	71.0	11.2	8.59	.51	.62	.64	38.7
1949	.60	17.1	51.0	45	54.6	100	56.9	26.8	688	92.6	3.63	.45	94.0
1950	13.3	38.7	61.4	65	76.4	89.8	25.5	21.7	245	9.28	.74	1.11	53.5
1951	.28	35.3	69.2	60	64.1	40.8	.86	27.1	44.1	4.67	6.82	.98	29.3
1952	10.4	50.2	80	80	80	80	113	381	889	122	31.9	3.5	159
1953	6.86	35.2	95	95	80	68.5	1.77	2.57	61.2	5.17	1.75	.38	37.6
1954	.45	23.3	62.6	58.6	52.1	13.5	.85	4.10	1.35	.22	.28	1.17	18.1
1955	3.55	8.75	30.3	55	55	75.0	34.6	4.07	7.91	.03	3.56	.4	23.0
							Monthly and yearly runoff, in acre-feet						
1943	712	2,560	5,390	5,100	4,610	4,440	972	1,730	2,400	201	438	24	28,580
1944	12	2,780	5,990	5,530	5,180	6,070	5,670	4,400	46,320	19,700	2,270	1,420	105,300
1945	852	1,940	4,300	4,000	3,330	5,040	2,490	921	2,780	1,070	1,010	181	27,910
1946	253	2,220	3,690	3,570	3,380	3,130	701	511	637	72	372	138	18,670
1947	684	4,730	5,530	4,730	5,210	5,010	774	3,310	11,470	1,080	1,420	262	44,210
1948	321	2,880	5,070	4,610	4,030	5,670	4,230	687	511	31	38	38	28,120
1949	37	1,020	3,140	2,770	3,030	6,160	3,390	1,650	40,940	5,690	223	27	68,080
1950	819	2,300	3,770	4,000	4,240	5,520	1,520	1,340	14,550	570	46	66	38,740
1951	17	2,100	4,260	3,690	3,560	2,510	51	1,670	2,620	287	420	58	21,240
1952	638	2,990	4,920	4,920	4,600	4,920	6,730	23,430	52,910	7,520	1,960	209	115,750
1953	422	2,090	5,840	5,840	4,440	4,210	106	158	3,640	318	108	23	27,200
1954	28	1,390	3,850	3,610	2,890	830	51	252	81	13	17	69	13,080
1955	218	521	1,380	3,380	3,050	4,610	2,060	250	471	2.0	219	24	16,660

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09294500 **Lake Fork River near** mouth near Myton, Utah[1/]

LOCATION.--Lat 40°12'30", long 110°07'00", in sec.21, T.3 S., R.2 W., Uintah meridian, at highway bridge 0.5 mile (0.8 km) above mouth and 3.5 miles (5.6 km) northwest of Myton.

DRAINAGE AREA.--468 sq mi (1,212 km^2).

GAGE.--Staff gage after Sept. 4, 1929. Altitude of gage is 5,150 ft (1,570 m) from topographic map. Prior to July 1, 1907, staff gage 250 ft (76 m) downstream at different datum. Aug. 18, 1907 to Sept. 7, 1912, chain gages, Sept. 8, 1912 to May 6, 1919, staff gages, and May 7, 1919 to Sept. 3, 1929, water-stage recorder, all 500 ft (152 m) downstream and at different datums.

AVERAGE DISCHARGE.--29 years (1900-2, 1908-10, 1911-36), 161 ft^3/s (4.56 m^3/s).

EXTREMES.--1900-1903, 1907-36: Maximum discharge, 5,600 ft^3/s (158 m^3/s) Nov. 24, 1927 (gage height, 11.5 ft or 3.50 m, site and datum then in use), caused by failure of Farnsworth Reservoir; no flow during periods in 1916, 1931, and 1934.

REMARKS.--Diversions for irrigation above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1900	-	-	-	-	-	-	-	-	-	195	97	112	-
1901	117	115	124	95	95	100	132	1,272	556	250	255	144	273
1902	132	112	110	90	90	97	109	718	1,238	220	108	88	259
1903	97	109	90	-	-	-	108	459	1,341	411	157	123	-
1904	135	139	-	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	-	-	-	-	230	-
1908	176	142	-	-	-	-	170	302	1,260	476	328	208	-
1909	237	173	147	189	168	169	149	264	2,070	709	383	507	430
1910	177	151	171	144	146	154	262	762	421	73.9	45.2	80.1	216
1911	124	103	-	-	-	-	-	-	-	-	9.6	7.1	-
1912	70.6	63.1	70	65	70	79.5	69.9	144	1,490	266	17.4	7.92	200
1913	145	97.2	82.5	70	70	95.4	115	649	546	237	22.4	275	201
1914	220	163	146	156	160	160	176	962	1,400	204	32.5	27.4	317
1915	97.2	88.4	93.5	100	125	138	85.6	198	1,030	81.5	434	60.3	174
1916	140	108	120	120	110	245	186	235	640	8.61	26.2	11.4	162
1917	110	80.3	85.0	65.0	100	132	135	185	1,940	564	25.8	32.8	287
1918	30.2	78.5	77.4	50.0	80.0	54.9	23.3	26.2	595	67.8	10.4	101	98.6
1919	88.5	77.6	97.1	89.1	110	219	111	315	32.4	13.4	21.5	38.9	102
1920	33.8	61.5	60.2	60.0	70.0	111	117	325	686	31.5	84.5	39.3	139
1921	65.4	91.3	70.0	75.0	126	128	37.4	109	2,090	294	72.8	85.1	268
1922	19.5	44.7	89.0	115	130	143	130	407	1,858	127	36.8	34.8	259
1923	27.5	99.0	117	110	110	123	147	387	874	317	36.3	51.3	200
1924	156	116	80	75	100	89.2	78.5	206	32.0	7.6	6.5	9.4	79.8
1925	11.9	44.8	65	71.5	75	34.9	6.8	152	174	49.2	51.6	84.5	68.3
1926	163	147	128	100	125	64.1	62.2	216	95.4	18.2	23.3	13.7	96.3
1927	16.5	21.0	53.4	70.0	78.5	150	61.3	156	437	117	37.5	799	165
1928	269	181	133	75	75	125	28.7	434	173	24.1	33.8	29.1	132
1929	66.0	75.4	90	75	75	112	106	149	505	41.6	21.2	83.5	116
1930	40.9	83.7	80	70	90	59.9	35.6	225	682	21.0	55.4	25.1	122
1931	55.5	43.9	42	40	38	39.2	34.5	52.9	24.0	3.3	2.6	2.4	31.5
1932	9.6	13.6	75	90	105	105	29.3	132	466	67.0	20.7	19.6	93.9
1933	18.3	27.4	35	40	40	52.3	19.9	34.5	288	16.0	6.5	6.8	48.4
1934	9.5	15	20	30	17.4	3.8	6.2	10.6	7.8	2.2	2.9	.2	10.4
1935	.7	6.9	35	30	25	15.5	4.6	13.0	504	19.9	20.0	12.9	56.7
1936	6.8	12.2	14.0	25	30	10.7	8.7	216	138	80.4	59.1	39.7	53.4
						Monthly and yearly runoff, in acre-feet							
1900	-	-	-	-	-	-	-	-	-	12,000	5,960	6,660	-
1901	7,190	6,840	7,620	5,840	5,280	6,150	7,860	78,200	33,100	15,400	15,700	8,570	198,000
1902	8,120	6,660	6,760	5,530	5,000	5,940	6,510	44,200	73,700	13,500	6,650	5,230	188,000
1903	5,990	6,510	5,530	-	-	-	6,430	28,200	79,800	25,300	9,650	7,320	-
1904	8,300	8,270	-	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	-	-	-	-	13,700	-
1908	10,800	8,450	-	-	-	-	10,100	18,600	75,000	29,300	20,200	12,400	-
1909	14,600	10,300	9,040	11,600	9,330	10,400	8,870	16,200	123,000	43,600	23,600	30,200	310,000
1910	10,900	8,980	10,500	8,850	8,110	9,470	15,600	46,900	25,100	4,540	2,780	4,770	156,000
1911	7,620	6,130	-	-	-	-	-	-	-	-	590	422	-
1912	4,340	3,750	4,300	4,000	4,030	4,890	4,160	8,850	88,700	16,400	1,070	471	145,000
1913	8,920	5,780	5,070	4,300	3,890	5,870	6,840	39,900	32,500	14,600	1,380	16,400	145,000
1914	13,500	9,700	9,000	9,590	8,890	9,840	10,500	59,200	83,300	12,500	2,000	1,630	230,000
1915	5,980	5,260	5,750	6,150	6,940	8,480	5,090	12,200	61,300	5,010	267	3,590	126,000
1916	8,610	6,430	7,380	7,380	6,330	15,100	11,100	14,400	38,100	529	1,610	678	118,000
1917	6,760	4,780	5,230	4,000	5,550	8,120	8,030	11,400	115,000	34,700	1,590	1,950	207,000
1918	1,860	4,670	4,760	3,070	4,440	3,380	1,390	1,610	35,400	4,170	640	6,010	71,400
1919	5,440	4,620	5,970	5,480	6,110	13,500	6,610	19,400	1,930	824	1,320	2,310	73,500
1920	2,080	3,660	3,700	3,690	4,030	6,820	6,960	20,000	40,800	1,940	5,200	2,340	101,000
1921	4,020	5,430	4,300	4,610	7,000	7,870	2,230	6,700	124,000	18,000	4,480	5,060	194,000
1922	1,200	2,660	5,470	7,070	7,220	8,790	7,740	25,000	111,000	7,810	2,260	2,070	188,000
1923	1,690	5,890	7,190	6,760	6,110	7,560	8,750	23,800	52,000	19,500	2,230	3,050	145,000
1924	9,590	6,900	4,920	4,610	5,750	5,480	4,670	12,700	1,900	467	400	559	57,900
1925	732	2,670	4,000	4,400	4,170	2,150	405	9,350	10,400	3,030	3,170	5,030	49,500
1926	10,000	8,750	7,870	6,150	6,940	3,940	3,700	13,300	5,680	1,120	1,430	815	69,700
1927	1,010	1,250	3,280	4,300	4,360	9,220	3,650	9,590	26,000	7,190	2,310	47,500	120,000
1928	16,500	10,800	8,180	4,610	4,310	7,690	1,710	26,700	10,300	1,480	2,080	1,730	96,100
1929	4,060	4,490	5,530	4,610	4,170	6,890	6,310	9,160	30,000	2,560	1,300	4,970	84,000
1930	2,510	4,980	4,920	4,300	5,000	3,680	2,120	13,800	40,600	1,290	3,410	1,490	88,100
1931	3,410	2,610	2,580	2,460	2,110	2,410	2,050	3,250	1,430	203	158	143	22,800
1932	590	809	4,610	5,530	6,040	6,460	1,740	8,120	27,700	4,120	1,270	1,170	68,200
1933	1,120	1,630	2,150	2,460	2,220	3,220	1,180	2,120	17,100	984	403	405	35,000
1934	585	893	1,230	1,840	964	232	371	653	464	135	180	12	7,560
1935	46	413	2,150	1,840	1,390	956	274	801	29,970	1,230	1,230	770	41,070
1936	417	728	859	1,540	1,730	657	516	13,300	8,240	4,970	3,630	2,360	38,940

1/ Published as Lake Creek near mouth, prior to 1907.

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09295000 Duchesne River at Myton, Utah

LOCATION.--Lat 40°12'01", long 110°03'47", in NE¼SW¼NW¼ sec. 25, T.3 S., R.2 W., Uintah meridian, Duchesne County, on left bank at Myton, 3 miles (5 km) downstream from Lake Fork.

DRAINAGE AREA.--2,750 sq mi (7,120 km^2), approximately.

PERIOD OF RECORD.--October 1899 to December 1902, April to December 1903, March to December 1904, March to July and September to November 1905, April to July 1906, April to December 1907, March to December 1908, April to December 1909, March to November 1910, July 1911 to September 1973. Published as "at Price road bridge" 1899-1902.

GAGE.--Water-stage recorder. Datum of gage is 5,061.40 ft (1,542.715 m) above mean sea level. Prior to Oct. 14, 1933, nonrecording gages at several sites within half a mile (0.8 km) of present site at various datums.

AVERAGE DISCHARGE.--65 years (1899-1902, 1911-73), 532 ft^3/s (15.07 m^3/s), 385,400 acre-ft/yr (475 hm^3/yr).

EXTREMES.--Maximum discharge observed, 12,800 ft^3/s (362 m^3/s) June 10, 1922 (gage height, 7.94 ft or 2.420 m, site and datum then in use), from rating curve extended above 8,000 ft^3/s (226 m^3/s); minimum, less than 1 ft^3/s (0.028 m^3/s) July 16, 1931, and for several days in August and September 1934

REMARKS.--Records good except those for winter period, which are poor. Flow regulated by several reservoirs. Large diversions above station for irrigation, including transmountain diversions to The Great Basin through Duchesne and Strawberry tunnels, Hobble Creek ditch, and Strawberry River and Willow Creek ditch.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1900	403	398	323	340	340	390	467	2,327	1,702	377	271	296	638
1901	313	305	320	280	280	299	498	3,169	1,485	597	453	307	696
1902	322	316	300	280	280	300	656	1,969	2,239	555	273	258	646
1903	297	322	300	-	-	-	455	1,332	3,250	912	375	329	-
1904	383	353	-	-	-	-	691	2,856	3,453	1,031	623	369	-
1905	401	346	-	-	-	-	448	1,217	3,095	-	-	-	-
1906	355	319	-	-	-	-	893	3,324	4,524	-	-	-	-
1907	-	-	-	-	-	-	-	3,285	5,393	5,677	1,556	874	-
1908	693	564	-	-	-	-	813	1,158	2,347	1,255	869	539	-
1909	682	522	527	-	-	-	841	2,846	-	-	1,491	1,519	-
1910	866	731	637	-	-	-	2,106	3,691	1,966	588	384	501	-
1911	533	458	-	-	-	-	-	-	-	-	246	255	-
1912	423	360	343	300	280	354	423	1,469	4,154	1,087	313	299	815
1913	489	456	338	280	300	408	662	2,023	1,656	745	253	657	690
1914	525	445	321	395	380	491	947	3,345	3,278	1,028	397	292	1,030
1915	479	379	317	310	320	356	554	1,093	2,508	507	133	379	610
1916	471	373	376	370	400	879	1,042	2,151	2,874	627	459	269	857
1917	659	410	278	245	565	852	800	1,708	5,767	2,372	528	525	1,224
1918	475	497	466	331	390	398	341	830	2,735	680	129	280	628
1919	537	456	415	260	350	632	650	2,056	770	109	139	292	557
1920	372	379	303	290	375	522	456	2,213	3,288	653	545	322	809
1921	427	497	350	325	486	688	559	1,925	6,154	1,504	695	551	1,177
1922	360	352	518	400	425	660	692	3,941	6,356	1,006	619	481	1,318
1923	408	542	508	425	400	468	755	2,868	3,681	1,489	527	379	1,039
1924	579	502	443	400	480	433	528	1,351	407	56.8	27.6	73.5	440
1925	178	268	276	262	280	278	251	1,157	1,051	387	233	346	414
1926	430	347	343	298	422	334	498	1,490	854	142	170	43.8	448
1927	118	173	231	250	273	375	380	1,591	2,149	747	218	1,597	674
1928	761	522	383	325	334	455	390	2,506	1,337	187	144	96.3	622
1929	317	324	309	325	325	400	403	1,286	2,139	580	374	480	605
1930	284	302	290	300	325	291	493	958	1,886	161	399	235	492
1931	379	308	290	280	280	298	247	451	245	33.2	10.9	6.4	236
1932	38.0	178	300	330	350	372	364	1,553	2,125	572	187	133	541
1933	177	217	221	250	250	297	231	410	1,569	160	68.7	14.5	321
1934	39.6	174	254	275	274	177	140	163	17.8	8.6	11.7	1.4	127
1935	4.8	58.8	206	190	171	203	198	441	1,924	148	87.2	25.7	303
1936	38.9	176	196	210	210	190	490	2,166	1,312	545	422	297	522
1937	168	250	300	325	350	400	578	2,380	1,271	562	179	278	589
1938	217	255	317	258	314	302	553	1,401	1,706	314	82.2	376	507
1939	357	401	367	320	300	486	513	895	258	22.7	17.3	174	343
1940	217	178	217	240	250	267	141	818	225	7.6	5.1	206	232
1941	355	317	326	265	292	233	305	2,003	2,556	436	223	180	625
1942	498	509	448	424	410	422	841	1,049	1,763	218	55.1	52.0	556
1943	158	252	321	311	356	350	682	1,516	1,624	417	235	49.5	523
1944	184	269	298	272	300	447	493	1,539	2,614	865	71.0	66.5	617
1945	217	265	344	351	350	329	260	911	1,216	411	341	96.2	425
1946	151	273	282	276	265	331	637	1,107	753	62.3	60.6	34.6	353
1947	173	385	368	305	394	389	331	1,758	1,604	366	180	88.0	529
1948	113	319	337	326	325	402	377	982	657	25.0	11.5	10.9	324
1949	34.0	172	292	270	285	445	714	1,770	2,819	659	51.4	58.2	630
1950	216	321	294	350	324	408	632	1,302	2,581	528	63.3	146	596
1951	170	330	390	290	341	284	191	1,102	1,922	452	265	56	482
1952	207	349	348	280	290	300	1,293	4,185	4,154	955	492	328	1,098
1953	187	314	430	440	390	388	166	182	1,707	176	127	24.2	376
1954	71.9	255	334	320	340	282	185	513	54.7	23.5	19.9	64.3	205
1955	165	209	229	252	250	368	279	671	508	30.5	84.1	28.0	256
1956	26.0	152	355	335	295	314	249	1,089	1,271	49.9	20.9	13.1	347
1957	42.6	219	257	280	271	244	116	521	2,262	485	128	105	409
1958	142	416	344	329	381	327	341	1,769	1,274	40.0	11.5	28.8	450
1959	22.8	170	278	271	300	212	55.2	59.3	540	62.5	43.0	29.0	169
1960	114	161	262	252	250	332	105	257	316	15.0	5.15	7.49	173
1961	19.5	118	211	241	241	113	9.43	53.8	23.1	5.01	13.6	142	98.4
1962	137	260	272	249	456	581	1,028	1,101	1,662	250	11.2	17.5	500
1963	118	179	268	245	346	103	25.7	459	705	18.5	53.8	117	218
1964	38.0	179	296	244	240	294	199	882	1,451	334	27.7	14.4	349
1965	26.4	196	301	272	246	274	400	994	3,207	1,799	542	600	738
1966	492	519	403	405	455	563	488	657	193	36.1	18.2	31.9	355
1967	64.9	226	301	326	366	415	259	688	3,154	1,044	72.9	47.1	578
1968	76.6	189	343	387	408	414	346	607	2,808	244	211	59.4	505
1969	158	308	379	428	407	433	902	2,703	1,536	140	46.2	66.3	626
1970	192	270	211	143	132	62.5	15.6	259	658	84.7	33.0	32.1	174
1971	69.5	94.1	34.3	136	256	237	121	393	1,927	237	32.7	38.4	296
1972	167	313	300	314	495	539	169	472	1,495	56.0	27.2	27.5	362
1973	203	326	369	371	386	593	576	1,375	1,438	195	98.1	121	504

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09295000 Duchesne River at Myton, Utah - Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly runoff, in acre-feet						
1900	24,780	23,680	19,830	20,910	18,880	23,960	27,770	143,100	101,300	23,170	16,670	17,590	461,600
1901	19,250	18,120	19,710	17,220	15,550	18,360	29,610	194,900	88,360	36,680	27,820	18,260	503,800
1902	19,770	18,820	18,450	17,220	15,550	18,450	39,030	121,000	133,200	34,140	16,800	15,360	467,800
1903	18,290	19,150	18,450	-	-	-	27,060	81,920	193,400	56,060	23,030	19,570	-
1904	23,530	21,020	-	-	-	-	41,120	175,600	205,500	63,400	38,310	21,930	-
1905	24,630	20,610	-	-	-	-	26,640	74,840	184,200	-	-	-	-
1906	21,830	18,960	-	-	-	-	53,150	204,400	269,200	-	-	-	-
1907	-	-	-	-	-	-	-	202,000	320,900	349,100	95,700	52,030	-
1908	42,630	33,560	-	-	-	-	48,400	71,230	142,600	75,340	53,420	32,070	-
1909	41,950	31,040	32,390	-	-	-	50,060	175,000	-	-	91,700	90,360	-
1910	53,240	43,520	39,170	-	-	-	125,300	227,000	117,000	36,180	23,640	29,800	-
1911	32,370	27,280	-	-	-	-	-	-	-	-	15,130	15,190	-
1912	25,980	21,420	21,100	18,450	16,110	21,740	25,160	90,310	247,200	66,830	19,270	17,780	591,400
1913	30,040	27,110	20,810	17,220	16,660	25,090	39,360	124,400	98,550	45,820	15,550	39,120	499,700
1914	32,280	26,490	19,730	24,300	21,100	30,210	56,370	205,700	224,800	63,210	24,400	17,390	746,000
1915	29,450	22,540	19,480	19,060	17,770	21,890	32,990	67,210	149,400	31,200	8,170	22,550	441,600
1916	28,940	22,200	23,140	22,750	23,010	54,060	62,000	132,300	171,000	38,560	25,230	16,030	622,200
1917	40,540	24,380	17,120	15,060	31,380	52,380	47,600	105,000	343,200	145,800	32,450	31,240	886,200
1918	29,190	29,590	28,680	20,380	21,660	24,480	20,290	51,020	162,700	41,830	7,920	16,690	454,400
1919	33,020	27,110	25,500	15,990	19,440	38,880	38,690	126,400	45,790	6,690	8,540	17,360	403,400
1920	22,850	22,580	18,650	17,830	21,570	32,070	27,130	136,000	195,700	40,160	33,490	19,140	587,200
1921	26,230	29,600	21,520	19,980	26,980	42,310	33,240	118,400	366,200	92,450	42,730	32,810	852,400
1922	22,160	20,940	31,850	24,610	23,600	40,570	41,170	242,300	378,200	61,870	38,080	28,600	954,000
1923	25,080	32,270	31,250	26,130	22,210	28,810	44,910	176,300	219,000	91,560	32,410	22,560	752,500
1924	35,600	29,980	27,240	24,600	27,600	26,640	31,390	83,060	24,220	3,490	1,700	4,370	319,800
1925	10,920	15,970	16,980	16,120	15,550	17,120	14,930	71,170	62,540	23,780	14,300	20,570	300,000
1926	26,460	20,640	21,110	18,310	23,420	20,560	29,610	91,610	50,790	8,750	10,430	2,610	324,300
1927	7,270	10,300	14,200	15,370	15,140	23,080	22,610	97,850	127,900	45,940	13,390	95,050	488,100
1928	46,790	31,070	23,550	19,980	19,200	27,950	23,220	154,100	79,580	11,520	8,870	5,730	451,600
1929	19,470	19,250	19,000	19,980	18,050	24,570	23,960	79,060	127,300	35,660	23,000	28,540	437,800
1930	17,440	17,990	17,840	18,450	18,050	17,880	29,350	58,930	112,200	9,890	24,510	13,960	356,500
1931	23,300	18,340	17,830	17,220	15,550	18,320	14,700	27,750	14,590	2,040	672	383	170,700
1932	2,340	10,590	18,450	20,290	20,130	22,880	21,680	95,500	126,400	35,180	11,510	7,930	392,900
1933	10,880	12,910	13,580	15,370	13,880	18,240	13,780	25,230	43,360	9,830	4,230	865	232,200
1934	2,440	10,360	15,640	16,890	15,240	10,890	8,330	10,010	1,060	532	722	81	92,200
1935	296	3,500	12,650	11,680	9,490	12,510	11,770	27,110	114,500	9,080	5,360	1,530	219,500
1936	2,390	10,490	12,030	12,910	12,080	11,680	29,150	133,200	78,060	33,490	25,960	17,660	379,100
1937	10,320	14,880	18,450	19,980	19,440	24,600	34,400	146,300	75,640	34,540	11,040	16,510	426,100
1938	13,320	15,190	19,480	15,840	17,430	18,560	32,910	86,130	101,500	19,340	5,060	22,380	367,100
1939	21,930	23,860	22,580	19,680	16,660	29,860	30,500	55,060	15,360	1,400	1,060	10,340	248,300
1940	13,340	10,590	13,320	14,760	14,380	16,430	8,400	50,290	13,380	470	315	12,240	167,900
1941	21,830	18,880	20,200	16,310	16,230	14,300	18,130	123,200	152,100	26,810	13,730	10,690	452,200
1942	30,610	30,310	27,560	26,090	22,770	25,960	50,030	64,490	104,900	13,400	3,390	3,090	402,600
1943	9,740	15,010	19,760	19,140	19,790	21,520	40,610	93,230	96,610	25,640	14,420	2,950	378,400
1944	11,340	16,030	18,320	16,700	17,260	27,470	29,320	94,650	155,600	53,160	4,370	3,960	448,200
1945	13,320	15,750	21,170	21,600	19,450	20,250	15,480	56,030	72,360	25,240	20,960	5,730	307,300
1946	9,310	16,260	17,320	17,000	14,700	20,330	37,930	68,060	44,800	3,830	3,730	2,060	255,300
1947	10,620	22,900	22,600	18,780	21,860	23,910	19,700	108,100	95,400	22,520	11,090	5,240	382,800
1948	6,940	19,000	20,720	20,030	18,690	24,690	22,450	60,360	39,100	1,540	704	646	234,900
1949	2,090	10,230	17,930	16,580	15,830	27,370	42,500	108,800	167,800	40,490	3,161	3,460	456,240
1950	13,290	19,120	18,090	21,520	17,970	25,090	37,630	80,040	153,600	32,440	3,890	8,710	431,400
1951	10,440	19,610	24,000	17,850	18,930	17,470	11,350	67,780	114,400	27,780	16,290	3,350	349,200
1952	12,720	20,790	21,380	17,220	16,680	18,450	76,950	257,300	247,200	58,740	30,250	19,530	797,200
1953	11,510	18,670	26,440	27,050	21,660	23,850	9,890	11,210	101,600	10,840	7,800	1,440	272,000
1954	4,420	15,170	20,550	19,680	18,870	17,360	11,020	31,570	3,250	1,440	1,160	3,820	148,300
1955	10,130	12,410	14,100	15,520	13,880	22,620	16,580	41,270	30,220	1,880	5,170	1,670	185,400
1956	1,600	9,060	21,810	20,600	16,990	19,280	14,840	66,950	75,610	3,070	1,290	780	251,900
1957	2,620	13,040	15,790	17,220	15,070	14,980	6,870	32,010	134,600	29,790	7,900	6,250	296,100
1958	8,720	24,760	21,150	20,220	21,170	20,120	20,300	108,800	75,840	2,460	708	1,720	326,000
1959	1,400	10,130	17,110	16,640	16,690	13,030	3,280	3,650	32,110	3,840	2,640	1,720	122,200
1960	7,020	9,600	16,100	15,470	14,380	20,440	6,220	15,780	18,800	922	317	445	125,500
1961	1,200	7,010	12,990	14,840	13,410	6,960	561	3,310	1,380	308	833	8,480	71,270
1962	8,400	15,460	16,700	15,310	25,350	35,730	61,150	67,680	98,910	15,380	688	1,040	361,800
1963	7,270	10,630	16,490	15,070	19,210	6,360	1,530	28,210	41,950	1,140	3,310	6,970	158,100
1964	2,340	10,670	18,200	14,980	13,800	18,100	11,850	54,210	86,370	20,560	1,710	855	253,600
1965	1,630	11,640	18,510	16,740	13,690	16,860	23,780	61,130	190,800	110,600	33,350	35,700	534,500
1966	30,280	30,910	24,770	24,900	25,270	34,620	29,040	40,420	11,470	2,220	1,120	1,900	256,900
1967	3,990	13,430	18,520	20,040	20,320	25,530	15,430	42,290	187,700	64,190	4,480	2,800	418,700
1968	4,710	11,240	21,100	23,780	23,480	25,490	20,610	37,310	167,100	15,010	12,980	3,530	366,300
1969	9,690	18,300	23,330	26,300	22,600	26,620	53,650	166,200	91,410	8,620	2,840	3,940	453,500
1970	11,830	16,060	12,950	8,790	7,310	3,850	928	15,900	39,130	5,210	2,030	1,910	125,900
1971	4,270	5,600	2,110	8,370	14,190	14,550	7,220	24,150	114,700	14,550	2,010	2,280	214,000
1972	10,260	18,620	18,460	19,300	28,450	33,170	10,050	29,010	88,960	3,450	1,680	1,640	263,000
1973	12,460	19,380	22,690	22,790	21,440	36,480	34,300	84,550	85,590	11,970	6,030	7,170	364,900

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09295500 Uinta River below Gilbert Creek, near Neola, Utah

LOCATION.--Lat 40°47'10", long 110°14'20", in W½ sec.33, T.5 N., R.3 W., Uintah meridian, on left bank 27 miles (43 km) northwest of Neola.

DRAINAGE AREA.--33 sq mi (85 km^2) approximately.

PERIOD OF RECORD.--August 1950 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 9,950 ft (3,033 m) from topographic map.

AVERAGE DISCHARGE.--5 years (1950-55), 39.8 ft^3/s (1.13 m^3/s), 28,810 acre-ft/yr (35.5 hm^3/yr).

EXTREMES.--Maximum discharge recorded, 971 ft^3/s (27.5 m^3/s) June 13, 1953 (gage height, 4.88 ft or 1.49 m) from rating curve extended above 260 ft^3/s (7.36 m^3/s) on basis of slope-area measurements at gage heights 4.03 and 4.88 ft (1.23 and 1.49 m); minimum not determined.

REMARKS.--No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1950	-	-	-	-	-	-	-	-	-	-	-	19.2	-
1951	10.0	8.00	7.0	6.0	6.0	6.0	6.50	95.5	150	73.9	67.7	23.5	38.5
1952	17.2	11.4	10	9	8	7.4	22.9	142	263	153	83.6	37.6	63.8
1953	17.0	10.4	10	9	8	8	10.1	30.1	220	75.3	44.1	17.4	38.2
1954	10.9	8.87	6.29	5.5	5.5	5	17.0	139	52.2	43.3	23.4	22.8	28.5
1955	16.3	10.4	9	8	8	7	8.0	74.5	117	39.4	37.8	22.5	29.9
							Monthly and yearly runoff, in acre-feet						
1950	-	-	-	-	-	-	-	-	-	-	-	1,140	-
1951	615	476	430	369	333	369	387	5,870	8,900	4,540	4,160	1,400	27,850
1952	1,060	678	615	553	460	454	1,360	8,720	15,680	9,390	5,140	2,240	46,350
1953	1,040	617	615	553	444	492	603	1,850	13,070	4,630	2,710	1,040	27,660
1954	668	528	387	338	305	307	1,010	8,530	3,110	2,660	1,440	1,350	20,630
1955	1,000	621	553	492	444	430	476	4,580	6,960	2,420	2,330	1,340	21,650

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09296000 Uinta River above Clover Creek, near Neola, Utah

LOCATION.--Lat 40°37'50", long 110°09'30", in NW¼ sec. 30, T. 3 N., R. 2 W., Uintah meridian, on left bank 2 miles (3 km) upstream from Clover Creek and 15 miles (24 km) northwest of Neola.

DRAINAGE AREA.--132 sq mi (342 km^2).

PERIOD OF RECORD.--October 1945 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 7,750 ft (2,362 m) from river-profile map. Prior to June 27, 1952, at different datum.

AVERAGE DISCHARGE.--10 years (1945-55) 142 ft^3/s (4.02 m^3/s), 102,800 acre-ft/yr (127 hm^3/yr).

EXTREMES.--Maximum discharge, 2,300 ft^3/s (65.1 m^3/s) June 18, 1949 (gage height, 5.10 ft or 1.55 m) datum then in use; minimum recorded, 22 ft^3/s (0.62 m^3/s) Jan. 2, 1951.

REMARKS.--Flow partly regulated by several small mountain lakes and reservoirs including Fox Lake, Crescent Lake, Atwood Lake, and Chain Lake, total capacity about 3,600 acre-ft (4.44 hm^3). No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1946	108	61.0	49.6	45.4	39.3	38.7	135	221	242	158	124	88.5	110
1947	92.8	70.5	56.5	45.6	41.1	43.2	64.5	534	527	360	226	146	185
1948	106	69.4	58.6	49.3	41.9	38.6	44.6	293	327	167	133	82.1	118
1949	57.9	48.8	42.3	39.3	35.4	34.0	68.6	336	743	338	192	111	171
1950	90.2	75.9	59.4	49.5	44.7	41.8	83.1	338	579	266	162	102	158
1951	68.1	52.4	44.8	33.2	35	33.5	35	230	384	212	241	113	124
1952	83.4	62.1	47.1	41	40	38.1	73.7	487	808	368	291	195	211
1953	118	73.7	54.2	44.9	40.4	36.5	36.1	82.3	496	199	171	104	121
1954	67	53.8	43.4	33.9	36	32.5	62.6	316	179	194	119	112	105
1955	84.1	55.2	46.1	42.2	35	32.8	37.4	245	325	158	180	103	112
						Monthly and yearly runoff, in acre-feet							
1946	6,620	3,630	3,050	2,790	2,180	2,380	8,040	13,590	14,380	9,740	7,640	5,260	79,300
1947	5,700	4,190	3,480	2,800	2,280	2,660	3,840	32,830	31,360	22,120	13,870	8,710	133,800
1948	6,490	4,130	3,610	3,030	2,410	2,370	2,650	18,000	19,440	10,280	8,160	4,890	85,460
1949	3,560	2,900	2,600	2,410	1,970	2,090	4,080	20,640	44,190	20,760	11,820	6,600	123,600
1950	5,550	4,520	3,650	3,040	2,480	2,570	4,940	20,780	34,430	16,380	9,990	6,090	114,400
1951	4,190	3,120	2,750	2,040	1,940	2,060	2,080	14,130	22,830	13,020	14,800	6,710	89,670
1952	5,130	3,700	2,900	2,520	2,300	2,340	4,390	29,950	48,080	22,630	17,890	11,600	153,400
1953	7,240	4,380	3,330	2,760	2,240	2,240	2,150	5,060	29,500	12,230	10,530	6,170	87,830
1954	4,120	3,200	2,670	2,090	2,000	2,000	3,720	19,430	10,660	11,940	7,320	6,690	75,840
1955	5,170	3,290	2,830	2,600	1,940	2,020	2,230	15,090	19,330	9,740	11,060	6,100	81,400

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09296500 Clover Creek near Neola, Utah

LOCATION.--Lat 40°37'30", long 110°07'50", in SE¼ sec.29, T.3 N., R.2 W., Uintah meridian, on right bank 0.75 mile (1.21 km) upstream from mouth and 14 miles (22 km) northwest of Neola.

DRAINAGE AREA.--9.5 sq mi (24.6 km^2), approximately.

PERIOD OF RECORD.--August 1950 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 7,900 ft (2,408 m) from topographic map.

AVERAGE DISCHARGE.--5 years (1950-55), 1.92 ft^3/s (0.054 m^3/s), 1,390 acre-ft/yr (1.71 hm^3/yr).

EXTREMES.--Maximum discharge, 120 ft^3/s (3.40 m^3/s) May 27, 1951 (gage height, 2.68 ft or 0.817 m) from rating curve extended above 58 ft^3/s (1.64 m^3/s); no flow at times.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1950	-	-	-	-	-	-	-	-	-	-	-	0	-
1951	0	0	0	0	0	0	0	11.4	7.30	0.51	1.71	.34	1.78
1952	0	0	0	0	0	0	.07	33.3	19.8	4.69	1.35	.12	4.97
1953	0	0	0	0	0	0	0	1.56	6.40	.08	.03	0	.67
1954	0	0	0	0	0	0	.30	11.3	.32	.02	0	0	1.02
1955	0	0	0	0	0	0	0	10.3	2.95	.13	.11	0	1.14
							Monthly and yearly discharge, in acre-feet						
1950	-	-	-	-	-	-	-	-	-	-	-	0	-
1951	0	0	0	0	0	0	0	698	434	31	105	20	1,290
1952	0	0	0	0	0	0	4.4	2,040	1,180	288	83	6.9	3,600
1953	0	0	0	0	0	0	0	96	381	5.0	1.8	0	484
1954	0	0	0	0	0	0	18	697	19	1.4	0	0	735
1955	0	0	0	0	0	0	0	633	175	7.7	6.9	0	823

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09297000 Uinta River near Neola, Utah

LOCATION.--Lat 40°32'08", long 110°03'46", in SE¼SW¼SW¼ sec.25, T.2 N., R.2 W., Uintah meridian, Duchesne County, Uintah and Ouray Indian Reservation, on left bank 1,000 ft (305 m) downstream from Uinta Power & Light Co. powerplant, 0.8 mile (1.3 km) upstream from Pole Creek, and 7 miles (11 km) north of Neola.

DRAINAGE AREA.--160 sq mi (414 km^2) approximately.

PERIOD OF RECORD.--July 1921 to September 1927 (no winter records 1922-25, 1927) September 1929 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 6,910 ft (2,106 m) from river-profile map. Prior to Aug. 4, 1951, water-stage recorder, or nonrecording gages at several sites within 2,000 ft (610 m) of present site at various datums. Aug. 4, 1951, to June 11, 1965, water-stage recorder at site 50 ft (15 m) upstream at various datums.

AVERAGE DISCHARGE.--45 years (1925-26, 1929-73), 181 ft^3/s (5.126 m^3/s), 131,100 acre-ft/yr (162 hm^3/yr).

EXTREMES.--Maximum discharge, about 5,000 ft^3/s (142 m^3/s) June 11, 1965 (gage height, 7.00 ft or 2.134 m from floodmarks, site and datum then in use), from rating curve extended above 1,200 ft^3/s (34.0 m^3/s); minimum recorded, 22 ft^3/s (0.62 m^3/s) Apr. 13, 1970, result of freezeup or powerplant regulation.

REMARKS.--Records good except those for December and January, which are fair. Summer flow slightly regulated by storage in several small mountain lakes and reservoirs. Water diverted from Pole Creek and Uinta River and used at Uinta Power & Light Co. powerplant, enters river about 1,000 ft (305 m) above station. Uinta power canal diverts from river 6 miles (10 km) above station. Enlargement of canal completed in August 1944. Flow through canal increased Oct. 12, 13, 1944, and held nearly constant thereafter. Power canal and Pole Creek diversion feed to common forebay. Water not used through powerplant wastes through spillway of forebay at penstock intake and enters river a short distance above station. Prior to Nov. 18, 1948, spill entered river 0.5 mile (0.8 km) below station. Considerable spill occurs at times when 1 of 2 power units is not operating. Discharge measurements of Pole Creek canal are available in data reports for individual water years.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly discharge, in cubic feet per second							
1921	-	-	-	-	-	-	-	-	-	-	328	241	-
1922	142	115	124	-	-	-	99.9	403	1,450	-	-	175	-
1923	132	108	100	-	-	-	86.6	455	821	618	295	209	-
1924	175	150	-	-	-	-	-	-	-	137	108	102	-
1925	-	-	-	-	-	-	77.5	543	521	348	198	267	-
1926	210	119	92.6	74.2	64.2	64.3	95	616	446	285	177	96.9	188
1927	90.0	78.7	-	-	-	62.9	91.2	450	534	373	242	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	260	-
1930	150	71.1	60	50	60	40	92.1	339	583	302	324	191	189
1931	155	107	80	70	60	66.1	71.7	211	267	113	107	87.8	117
1932	79.6	67.5	50	45	45	65	98.4	475	559	322	232	142	182
1933	110	71.9	45	50	45	45.5	55.9	137	515	240	118	56.7	124
1934	66.5	62.6	60	60	55	50	75.6	123	75.6	71.7	98.3	73.8	72.8
1935	59.0	52.7	50	45	45	50	55	138	640	257	156	98.2	137
1936	65	50	45	45	40	40	72.6	338	291	293	259	199	145
1937	122	85	60	50	45	45	70	525	446	323	280	255	193
1938	129	92.4	70.0	58.4	58.8	69.1	107	401	874	348	224	216	221
1939	202	146	105	75	60	59.5	99.1	386	251	187	111	252	162
1940	162	95.5	70.4	62.4	59.5	61.0	94.6	328	172	116	83.3	168	123
1941	227	127	87.2	70.0	64.0	65.4	74.4	613	952	454	290	192	269
1942	192	148	110	84.8	72.5	70.7	111	363	808	373	230	167	228
1943	116	87.0	74.5	67.0	62.7	60.8	142	388	368	274	256	160	172
1944	125	93.0	73.3	60.1	57.0	57.4	72.8	445	1,132	683	267	139	267
1945	98.8	68.5	49.4	42.7	45.8	48.8	63.6	319	449	341	251	168	163
1946	120	72.4	62.2	62.6	55.0	54.5	145	248	263	183	141	98.9	126
1947	104	79.8	69.0	57.1	45.5	49.0	74.4	635	606	395	258	165	213
1948	125	74.2	61.7	54.0	56.9	56.4	62.6	354	374	176	141	84.1	135
1949	72.5	67.2	65.6	62.2	56.7	59.0	100	425	859	397	220	147	211
1950	116	101	78.2	64.0	62.6	66.9	126	399	646	320	172	126	190
1951	97.3	81.0	66.5	52.6	54.5	53.4	56.8	270	466	242	209	143	158
1952	106	79.9	69.0	58.1	56	56.9	119	575	871	422	368	243	252
1953	143	98.7	80.0	66.6	58.5	59.3	57.8	104	538	224	202	113	146
1954	84.9	75.8	60.8	53.0	57.9	51.7	94.1	386	223	217	134	132	131
1955	106	82.7	63.1	58.2	52.6	57.6	62.3	264	380	177	180	112	133
1956	77.6	60.2	54.9	56.4	55.4	58.6	74.7	465	484	211	152	95.7	154
1957	70.8	64.2	53.9	44.3	44.2	61.3	58.4	103	800	350	205	204	171
1958	160	110	79.9	60.6	63.1	65.3	84.8	628	568	179	165	157	194
1959	103	86.0	70.3	52.7	52.5	51.9	64.0	163	448	202	222	151	139
1960	129	91.6	70.4	58.1	56.7	63.7	96.6	286	375	194	125	104	138
1961	109	85.8	62.7	51.7	45.8	43.4	49.0	218	254	155	162	298	128
1962	237	163	98.7	66.6	65.9	56.8	165	441	884	379	210	155	244
1963	127	88.4	66.0	51.5	53.9	59.5	58.2	355	403	238	224	235	164
1964	147	87.7	70.2	51.5	46.6	47.5	62.1	499	711	439	236	135	212
1965	80.1	65.6	62.1	53.8	48.6	48.5	77.8	254	1,427	835	458	275	308
1966	199	133	95.8	74.9	62.4	79.7	119	435	324	279	218	180	184
1967	140	95.3	77.9	59.2	55.3	64.4	69.0	363	871	608	284	197	241
1968	131	90.6	74.7	56.9	62.5	64.4	72.7	182	1,182	430	348	217	242
1969	150	104	75.6	65.1	63.6	60.4	131	775	647	321	244	178	236
1970	113	82.7	67.6	57.9	58.1	53.8	52.1	337	524	320	230	248	179
1971	122	84.7	66.8	57.7	51.9	48.3	69.6	251	792	322	264	169	192
1972	126	95.3	66.0	60.3	52.7	66.8	86.4	310	514	251	167	120	160
1973	85.4	84.5	88.6	75.3	62.8	57.8	70.5	496	755	402	315	212	226
						Monthly and yearly runoff, in acre-feet							
1921	-	-	-	-	-	-	-	-	-	-	20,200	14,300	-
1922	8,730	6,840	7,620	-	-	-	5,940	24,800	20,000	-	-	7,000	-
1923	8,120	6,430	1,790	-	-	-	5,150	28,000	16,300	29,400	18,100	12,400	-
1924	10,800	8,930	-	-	-	-	-	-	-	4,350	6,640	6,070	-
1925	-	-	-	-	-	-	4,610	33,400	31,000	21,400	12,200	15,900	-
1926	12,900	7,080	5,690	4,560	3,570	3,950	5,650	31,700	26,500	17,500	10,900	5,770	136,000
1927	3,530	4,680	-	-	-	3,870	5,430	27,700	31,800	22,900	14,900	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	10,300	-
1930	9,220	4,230	3,690	3,070	3,330	2,460	5,480	20,800	34,700	18,600	19,900	11,400	137,000
1931	9,530	6,370	4,920	4,300	3,330	4,060	4,270	13,000	15,900	6,450	6,580	5,220	83,900
1932	4,890	4,020	3,070	2,770	2,590	4,000	5,860	29,200	33,300	19,800	14,300	8,450	132,000
1933	6,760	4,280	2,770	3,070	2,500	2,800	3,330	8,420	30,600	14,800	7,260	3,370	90,000
1934	4,090	3,720	3,690	3,690	3,050	3,070	4,500	7,550	4,500	4,410	6,040	4,390	52,700
1935	3,630	3,140	3,070	2,770	2,500	3,070	3,270	8,510	38,050	15,780	9,600	5,840	99,230
1936	4,000	2,980	2,770	2,770	2,300	2,460	4,320	20,800	17,340	17,990	15,840	11,870	105,400
1937	7,490	5,060	3,690	3,070	2,500	2,770	4,170	32,290	26,550	19,890	17,230	15,180	139,900
1938	7,940	5,500	4,300	3,590	3,270	4,250	6,350	24,680	51,980	21,420	13,800	12,880	160,000
1939	12,440	8,710	6,470	4,610	3,330	3,660	5,900	23,730	14,930	11,470	6,850	15,020	117,100

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09297000 Uinta River near Neola, Utah - Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly runoff, in acre-feet - continued							
1940	9,960	5,680	4,330	3,830	3,420	3,750	5,630	20,170	10,220	7,110	5,120	10,030	89,250
1941	13,980	7,580	5,360	4,300	3,550	4,020	4,430	37,690	56,670	27,930	17,860	11,420	194,800
1942	11,780	8,800	6,740	5,220	4,030	4,350	6,600	22,340	48,110	22,910	14,110	9,940	164,900
1943	7,110	5,180	4,580	4,120	3,480	3,740	8,470	23,840	21,920	16,480	15,770	9,510	124,600
1944	7,660	5,530	4,500	3,700	3,280	3,530	4,330	27,370	67,340	41,970	16,420	8,250	193,900
1945	6,080	4,080	3,040	2,630	2,540	3,000	3,790	19,590	26,700	20,970	15,430	9,980	117,800
1946	7,360	4,310	3,820	3,850	3,050	3,350	8,630	15,250	15,640	11,230	8,690	5,880	91,060
1947	6,420	4,750	4,240	3,510	2,530	3,010	4,430	39,020	36,080	24,280	15,860	9,880	153,900
1948	7,670	4,420	3,790	3,320	3,270	3,470	3,730	21,830	22,250	10,840	8,680	5,000	98,270
1949	4,460	4,000	4,030	3,820	3,150	3,630	5,950	26,110	51,090	24,400	13,530	8,760	152,900
1950	7,110	5,990	4,819	3,580	3,480	4,120	7,530	24,530	38,420	19,650	10,550	7,530	137,600
1951	5,980	4,820	4,090	3,240	3,030	3,280	3,380	16,630	27,720	14,880	19,030	8,490	114,600
1952	6,540	4,760	4,240	3,570	3,220	3,500	7,070	35,370	51,800	25,950	22,600	14,490	183,100
1953	8,820	5,870	4,920	4,100	3,250	3,650	3,440	6,380	31,990	13,800	12,410	6,750	105,400
1954	5,220	4,510	3,740	3,260	3,220	3,180	5,600	23,700	13,260	13,360	8,210	7,880	95,140
1955	6,540	4,920	3,880	3,580	2,920	3,540	3,710	16,260	22,620	10,870	11,100	6,640	96,580
1956	4,770	3,580	3,380	3,470	3,190	3,600	4,440	28,620	28,770	12,990	9,330	5,690	111,800
1957	4,350	3,820	3,310	2,730	2,450	3,770	3,480	6,310	47,580	21,510	12,610	12,150	124,100
1958	9,920	6,550	4,920	3,730	3,500	4,010	5,050	38,630	33,800	11,000	10,140	9,330	140,600
1959	6,310	5,120	4,320	3,240	2,910	3,190	3,810	10,030	26,680	12,420	13,640	8,990	100,700
1960	7,910	5,450	4,330	3,570	3,260	3,920	5,750	17,580	22,300	11,960	7,690	6,170	99,890
1961	6,690	5,110	3,860	3,180	2,540	2,670	2,910	13,410	15,130	9,550	9,980	17,730	92,740
1962	14,600	9,680	6,070	4,100	3,660	3,490	9,820	27,130	52,600	23,330	12,890	9,210	176,600
1963	7,790	5,260	4,060	3,170	2,990	3,660	3,460	21,810	23,960	14,630	13,800	13,960	118,600
1964	9,060	5,220	4,320	3,170	2,680	2,920	3,700	30,700	42,330	26,980	14,500	8,020	153,600
1965	4,930	3,900	3,820	3,310	2,700	2,980	4,630	15,610	84,890	51,350	28,170	16,340	222,600
1966	12,210	7,940	5,890	4,610	3,470	4,900	7,060	26,740	19,270	17,140	13,390	10,720	133,300
1967	8,620	5,670	4,790	3,640	3,070	3,960	4,110	22,320	51,830	37,390	17,450	11,730	174,600
1968	8,040	5,390	4,590	3,500	3,600	3,960	4,330	11,170	70,310	26,450	21,420	12,880	175,600
1969	9,240	6,190	4,650	4,000	3,530	3,710	7,800	47,660	38,510	19,720	15,000	10,590	170,600
1970	6,930	4,920	4,160	3,560	3,230	3,310	3,100	20,700	31,210	19,680	14,140	14,740	129,700
1971	7,500	5,040	4,110	3,550	2,880	2,970	4,140	15,420	47,130	19,770	16,260	10,070	138,800
1972	7,730	5,670	4,060	3,710	3,030	4,110	5,140	19,090	30,570	15,450	10,260	7,160	116,000
1973	5,250	5,030	5,450	4,630	3,490	3,550	4,190	30,470	44,920	24,700	19,400	12,610	163,700

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09297500 Uinta River near Whiterocks, Utah

LOCATION.--Lat 40°31'15", long 110°02'25", in SW¼ sec. 31, T. 2 N., R. 1 W., Uintah meridian, 200 ft (61 m) downstream from bridge on road to government sawmill, about 1 mi (2 km) downstream from Pole Creek, and 7 miles (11 km) northwest of Whiterocks.

DRAINAGE AREA.--218 sq mi (565 km^2).

GAGE.--Water-stage recorder after Nov. 5, 1917. Altitude of gage is 6,740 ft (2,054 m) from topographic map. September 1899 to August 1904, staff gage about 0.9 mile (1.4 km) upstream, and 600 ft (183 m) downstream from Pole Creek at different datum. Aug. 13 to Oct. 9, 1907, staff gage about a mile (2 km) upstream, and 150 ft (46 m) downstream from Pole Creek at different datum. Oct. 22, 1907 to Nov. 30, 1910, chain gage 200 ft (61 m) upstream at bridge at different datum.

AVERAGE DISCHARGE.--8 years (1899-1903, 1908-10, 1918-20), 250 ft^3/s (7.08 m^3/s).

EXTREMES.--1917-20: Maximum discharge (river and Cedar View Canal combined), 1,320 ft^3/s (37.4 m^3/s) May 29, 1920; minimum recorded, 45 ft^3/s (1.27 m^3/s) Feb. 6, 1919.

REMARKS.--Station above all diversions except for Cedar View Canal which diverted 0.25 mile (0.40 km) upstream 1917-20. Records of discharge herewith include canal flow for period 1917-20.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1899	-	-	-	-	-	-	-	-	-	-	-	165	-
1900	162	130	120	112	112	125	138	650	597	223	184	157	226
1901	154	138	145	140	140	150	179	684	355	251	242	193	232
1902	163	142	147	136	127	144	154	555	655	262	181	167	237
1903	152	139	125	86	95	122	148	430	894	382	232	209	251
1904	176	153	145	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	-	-	-	-	308	-
1908	250	174	-	-	-	-	172	345	910	636	444	327	-
1909	325	236	202	187	98.7	131	183	338	1,430	667	494	546	404
1910	267	191	165	150	145	157	323	683	417	362	282	264	285
1911	213	154	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	99.6	70.0	68.0	64.5	74.6	324	705	405	203	145	-
1919	184	111	75	60	55	62	84	476	318	187	177	168	164
1920	137	102	66	50	50	65	75	444	691	346	241	162	202
						Monthly and yearly runoff, in acre-feet							
1899	-	-	-	-	-	-	-	-	-	-	-	9,820	-
1900	9,960	7,740	7,380	6,890	6,220	7,690	8,210	40,000	35,500	13,700	11,300	9,340	164,000
1901	9,470	8,210	8,920	8,610	7,780	9,220	10,700	42,100	21,000	15,400	14,900	11,500	168,000
1902	10,000	8,450	9,040	8,360	7,080	8,840	9,160	34,100	39,600	16,100	11,100	9,920	172,000
1903	9,360	8,270	7,690	5,290	5,280	7,500	8,810	26,400	53,200	23,500	14,300	12,400	182,000
1904	10,800	9,100	8,920	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	-	-	-	-	18,300	-
1908	15,400	10,400	-	-	-	-	10,200	21,400	54,100	39,100	27,300	19,500	-
1909	20,000	14,000	12,400	11,500	5,480	8,060	10,900	20,800	85,100	41,000	30,400	32,500	292,000
1910	16,400	11,400	10,100	9,220	8,050	9,650	19,200	42,000	24,800	22,300	17,300	15,700	206,100
1911	13,100	9,160	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	6,120	4,300	3,780	3,970	4,440	19,900	42,000	24,900	12,500	8,630	-
1919	11,300	6,600	4,600	3,700	3,100	3,800	5,000	29,300	18,900	11,600	10,800	9,790	118,500
1920	8,420	6,070	4,060	3,070	2,880	4,000	4,460	27,300	41,100	21,300	14,800	9,440	146,900

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09298000 Farm Creek near Whiterocks, Utah

LOCATION.--Lat 40°34'03", long 109°57'39", in SE¼NW¼SE¼ sec.14, T.2 N., R.1 W., Uintah meridian, Uintah County, Ashley National Forest, on right bank 0.7 mile (1.1 km) upstream from Hominy Creek and 7 miles (11 km) northwest of Whiterocks.

DRAINAGE AREA.--14.9 sq mi (38.6 km^2).

PERIOD OF RECORD.--July 1949 to September 1973.

GAGE.--Water-stage recorder and concrete control. Altitude of gage is 7,040 ft (2,146 m) by barometer.

AVERAGE DISCHARGE.--24 years, 6.26 ft^3/s (0.177 m^3/s), 4,540 acre-ft/yr (5.60 hm^3/yr).

EXTREMES.--Maximum discharge, 350 ft^3/s (9.91 m^3/s) June 3, 1968 (gage height, 3.95 ft or 1.204 m), from rating curve extended above 140 ft^3/s (3.96 m^3/s); minimum, 1.2 ft^3/s (0.034 m^3/s) Apr. 2, 1965.

REMARKS.--Records good.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1949	-	-	-	-	-	-	-	-	-	-	3.53	3.67	-
1950	3.85	3.67	3.45	3.34	3.14	3.41	14.5	49.1	17.7	6.19	3.90	3.81	9.72
1951	4.32	4.43	4.31	4.20	3.91	3.76	3.81	20.6	11.9	4.59	3.32	3.21	6.05
1952	3.39	3.19	3.15	3.05	3.00	3.39	6.60	57.1	18.6	5.93	4.57	4.18	9.73
1953	4.01	3.49	3.45	3.57	3.24	3.05	3.24	6.54	8.18	3.82	3.40	3.03	4.09
1954	3.20	3.23	3.15	2.84	2.92	3.28	4.10	17.2	5.71	3.59	3.05	2.77	4.61
1955	2.97	2.94	2.98	2.91	2.7	2.84	3.44	14.8	6.25	3.48	3.12	2.99	4.30
1956	2.93	2.92	2.79	2.73	2.64	2.69	3.08	18.6	6.31	3.16	2.66	2.56	4.44
1957	2.91	2.79	2.66	2.60	2.66	2.79	3.04	4.40	30.4	5.65	3.79	3.60	5.58
1958	3.31	3.39	3.09	2.79	2.86	2.73	3.86	52.4	13.9	4.85	3.36	3.23	8.38
1959	3.36	3.30	3.15	2.81	2.72	2.78	3.10	5.23	3.96	2.98	3.07	2.87	3.28
1960	3.14	2.68	2.63	2.7	2.78	3.01	3.47	9.75	5.09	3.21	2.46	2.45	3.62
1961	2.57	2.57	2.50	2.25	2.11	2.34	2.43	4.51	3.37	2.53	2.11	2.27	2.63
1962	2.49	2.69	2.55	2.29	2.18	2.37	11.1	39.4	19.4	5.77	3.74	3.43	8.16
1963	3.37	3.17	2.99	2.94	2.91	2.83	2.85	12.0	7.27	3.46	3.13	3.31	4.20
1964	3.27	3.20	3.21	3.05	2.67	2.32	2.63	17.4	13.6	4.68	3.19	2.90	5.19
1965	2.90	2.79	2.69	2.59	2.42	2.27	2.74	15.2	45.4	10.1	5.11	4.00	8.17
1966	3.74	3.47	2.92	2.56	2.53	2.66	5.88	25.8	7.69	3.92	3.11	3.09	5.64
1967	3.20	3.01	2.79	2.60	2.48	2.50	2.95	28.8	47.3	10.1	5.09	3.81	9.56
1968	3.39	2.99	2.95	2.93	2.91	2.80	3.16	15.6	54.1	8.05	5.39	3.98	8.97
1969	4.00	3.88	3.41	3.26	2.91	2.91	6.41	55.7	21.5	7.91	4.29	3.99	10.1
1970	3.80	3.54	3.38	3.37	3.09	3.00	2.79	12.1	9.48	4.10	3.30	3.14	4.60
1971	3.07	3.04	3.01	3.00	2.95	2.82	2.86	16.0	17.8	3.94	2.79	2.55	5.32
1972	2.81	2.80	2.61	2.50	2.35	2.74	3.18	17.9	9.20	3.53	2.90	2.69	4.62
1973	3.11	3.28	3.05	2.70	2.34	2.56	2.87	55.3	20.1	6.17	4.47	3.63	9.20
							Monthly and yearly runoff, in acre-feet						
1949	-	-	-	-	-	-	-	-	-	-	217	219	
1950	237	219	212	205	175	209	860	3,020	1,060	380	240	227	7,040
1951	265	264	265	258	217	231	227	1,270	708	282	204	191	4,380
1952	208	190	193	188	173	209	393	3,510	1,110	364	281	249	7,070
1953	247	207	212	219	180	188	193	402	487	235	209	180	2,960
1954	197	192	194	174	162	202	244	1,060	340	221	188	165	3,340
1955	182	175	183	179	150	174	204	911	372	214	192	178	3,110
1956	180	174	171	168	152	165	183	1,150	375	195	164	152	3,230
1957	179	166	163	160	148	172	181	271	1,810	347	233	214	4,040
1958	204	202	190	172	159	168	229	3,220	826	298	207	192	6,070
1959	206	196	194	173	151	171	184	322	235	183	189	171	2,380
1960	193	159	162	166	160	185	206	600	303	197	151	146	2,630
1961	158	150	154	138	117	144	144	277	201	156	130	135	1,900
1962	153	160	157	141	121	146	663	2,420	1,150	355	230	204	5,910
1963	207	189	184	181	161	174	170	738	433	213	192	197	3,040
1964	201	191	197	187	154	143	156	1,070	810	288	196	172	3,770
1965	178	166	165	159	134	140	163	932	2,700	624	314	238	5,910
1966	230	206	180	157	140	164	350	1,580	458	241	191	184	4,090
1967	197	179	171	160	138	154	176	1,770	2,810	622	313	227	6,920
1968	209	178	181	180	167	172	188	958	3,220	495	331	237	6,510
1969	246	231	210	201	162	179	382	3,420	1,280	487	264	237	7,300
1970	233	211	208	207	172	184	166	743	564	252	203	187	3,330
1971	189	181	185	184	164	173	170	986	1,060	242	172	152	3,850
1972	173	166	161	154	135	168	189	1,100	548	217	178	160	3,350
1973	191	195	187	166	130	158	171	3,400	1,200	379	275	216	6,660

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09298500 Whiterocks River above Paradise Creek, near Whiterocks, Utah

LOCATION.--Lat 40°38'10", long 109°58'00", in SW¼ sec.23, T.3 N., R.1 W., Uintah meridian, on right bank 2.75 miles (4.42 km) upstream from Paradise Creek and 12 miles (19 km) northwest of Whiterocks.

DRAINAGE AREA.--90 sq mi (233 km^2), approximately.

PERIOD OF RECORD.--October 1945 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 7,800 ft (2,377 m) from river-profile map. Prior to Oct. 1, 1950, at datum 1.0 ft (0.3 m) lower.

AVERAGE DISCHARGE.--10 years (1945-55), 98.3 ft^3/s (2.78 m^3/s), 71,170 acre-ft/yr (87.8 hm^3/yr).

EXTREMES.--Maximum discharge, 1,780 ft^3/s (50.4 m^3/s) June 18, 1949 (gage height, 3.42 ft or 1.042 m, present datum), from rating curve extended above 820 ft^3/s (23.2 m^3/s); minimum not determined.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1946	57.5	36.0	28.9	26.6	23.4	24.0	95.4	171	132	82.5	75.1	66.2	68.5
1947	68.5	53.3	42.3	37.3	31.3	34.8	50.1	505	398	209	151	86.6	140
1948	65.5	44.5	20	19	17	18	31.1	315	230	100	58.1	42.7	80.4
1949	37.2	31.1	27.4	25	22	22	40.4	283	593	182	110	60.1	120
1950	58.1	46.2	35.9	30.0	27.7	25	59.7	303	436	165	94.9	52.2	111
1951	40.1	32.5	27	25	24	21.6	24.0	239	293	134	196	86.3	95.7
1952	58.3	38.7	31.5	29.3	27	27	58.4	436	549	221	196	106	148
1953	53.3	35.4	28.9	23.9	21.1	21	28.4	71.9	335	125	90.3	48.3	73.5
1954	38.6	32.4	22.6	19.7	20	20	49.0	283	116	104	63.0	65.6	69.9
1955	53.0	36.5	29.1	27.4	22	22	26.0	212	196	101	110	68.1	75.6
							Monthly and yearly runoff, in acre-feet						
1946	3,540	2,140	1,780	1,640	1,300	1,480	5,670	10,520	7,880	5,080	4,620	3,940	49,590
1947	4,210	3,170	2,600	2,290	1,740	2,140	2,980	31,060	23,690	12,870	9,260	5,150	101,200
1948	4,030	2,650	1,230	1,170	978	1,110	1,850	19,370	13,700	6,150	3,570	2,540	58,350
1949	2,290	1,850	1,690	1,540	1,220	1,350	2,400	17,240	35,270	11,210	6,740	3,580	86,380
1950	3,570	2,750	2,210	1,840	1,540	1,540	3,550	18,620	25,940	10,180	5,840	3,110	80,690
1951	2,470	1,940	1,660	1,540	1,330	1,330	1,430	14,700	17,430	8,240	12,060	5,140	69,270
1952	3,580	2,300	1,940	1,800	1,550	1,660	3,470	26,820	32,670	13,610	12,030	6,320	107,800
1953	3,280	2,110	1,780	1,470	1,170	1,290	1,690	4,420	19,910	7,670	5,550	2,880	53,220
1954	2,370	1,930	1,390	1,210	1,110	1,230	2,910	17,370	6,910	6,370	3,870	3,910	50,580
1955	3,260	2,170	1,790	1,690	1,220	1,350	1,550	13,030	11,670	6,200	6,760	4,050	54,740

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09299000 Paradise Creek near Whiterocks, Utah

LOCATION.--Lat 40°37'00", long 109°56'20", in NE¼ sec. 36, T. 3 N., R. 1 W., Uintah meridian, on right bank 1,000 ft (305 m) upstream from mouth and 10 miles (16 km) north of Whiterocks.

DRAINAGE AREA.--10 sq mi (26 km^2), approximately.

PERIOD OF RECORD.--April 1946 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 7,500 ft (2,286 m) from river-profile map.

AVERAGE DISCHARGE.--9 years (1946-55), 7.03 ft^3/s (0.20 m^2/s) 5,090 acre-ft/yr (6.28 hm^3/yr).

EXTREMES.--Maximum discharge, 112 ft^3/s (3.17 m^3/s) May 16, 1948; maximum gage height, 2.56 ft (0.78 m) May 8, 1947; no flow Aug. 17-20, 1946, Mar. 1 to Apr. 30, 1951, Apr. 1-24, 1954, Apr. 1 to May 5, 1955.

REMARKS.--Flow regulated by Paradise Park Reservoir, capacity 3,100 acre-ft (3.82 hm^3).

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1946	-	-	-	-	-	-	7.48	5.65	23.0	21.4	3.84	1.59	-
1947	1.34	1.15	1.05	1.0	0.9	1.02	2.96	41.7	23.9	9.99	7.42	1.41	7.89
1948	1.60	1.0	.8	.8	.8	.8	1.34	36.1	27.2	17.1	19.8	7.65	9.63
1949	1.22	.8	.8	.7	.6	.6	1.20	20.7	11.4	4.54	21.9	9.29	6.19
1950	.98	.72	.7	.6	.6	.6	4.96	34.4	30.7	17.9	16.7	13.3	10.2
1951	1.21	0.80	0.6	0.4	0.2	0	0	19.6	8.82	17.8	4.15	3.05	4.77
1952	1.66	.38	.3	.2	.1	.19	2.83	36.7	37.8	15.8	7.89	8.21	9.35
1953	6.84	.63	.6	.5	.4	.3	.40	18.8	13.6	20.2	14.6	5.35	6.93
1954	1.15	.43	.4	.3	.2	.1	.72	18.9	13.2	6.68	8.37	5.38	4.68
1955	3.67	.49	.4	.3	.2	.1	0	13.0	4.46	9.01	3.21	8.22	3.62
						Monthly and yearly runoff, in acre-feet							
1946	-	-	-	-	-	-	445	348	1,370	1,310	236	95	-
1947	82	68	64	61	50	63	176	2,570	1,420	614	456	84	5,710
1948	99	60	49	49	46	49	80	2,220	1,620	1,050	1,220	455	7,000
1949	75	48	49	43	33	37	71	1,280	677	279	1,340	553	4,480
1950	60	43	43	37	33	37	295	2,120	1,820	1,100	1,030	793	7,410
1951	75	48	37	25	11	0	0	1,200	525	1,090	255	181	3,450
1952	102	23	18	12	5.8	12	169	2,260	2,250	972	485	488	6,800
1953	420	37	37	31	22	18	24	1,160	808	1,240	900	318	5,020
1954	70	25	25	18	11	6.1	43	1,160	782	411	515	320	3,390
1955	226	29	25	18	11	6.1	0	797	265	554	197	489	2,620

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09299500 Whiterocks River near Whiterocks, Utah

LOCATION.--Lat 40°33'54", long 109°55'37", in SE¼SE¼SW¼ sec.18, T.2 N., R. 1 E., Uintah meridian, Uintah County, on left bank 0.8 mile (1.3 km) upstream from heading of United States Whiterocks Canal, and 6.5 miles (10.5 km) north of Whiterocks.

DRAINAGE AREA.--113 sq mi (293 km^2).

PERIOD OF RECORD.--September 1899 to December 1903, April to December 1907, March 1908 to November 1910, October 1913 to September 1973. Published as Whiterocks River in Canyon 1899 and as Whiterocks Creek near Whiterocks 1918-25. November 1917 to June 1921 United States Whiterocks Canal diverted above station (records equivalent if flow of Whiterocks Canal is included).

GAGE.--Water-stage recorder. Altitude of gage is 6,980 ft (2,128 m) from river-profile map. Prior to Oct. 16, 1930, nonrecording gages at several sites within 1 mile (2 km) of present site at various datums. Oct. 16, 1930 to Nov. 7, 1949, water-stage recorder at site 100 ft (30 m) downstream at different datum.

AVERAGE DISCHARGE.--66 years (1899-1903, 1908-10, 1913-73), 125 ft^3/s (3.54 m^3/s) 90,560 acre-ft/yr (112 hm^3/yr).

EXTREMES.--Maximum discharge, 2,750 ft^3/s (77.9 m^3/s) June 20, 21, 1922 (gage height, 5.40 ft or 1.646 m, site and datum then in use), from rating curve extended above 1,700 ft^3/s (48.1 m^3/s); minimum recorded, 10 ft^3/s; (0.28 m^3/s) Dec. 5, 1933.

REMARKS.--Records good except those for May and June, which are fair and those for winter periods, which are poor. Flow slightly regulated by small mountain lakes. One small diversion 2 miles (3 km) above station for irrigation of about 100 acres (40.5 hm^2) lying both above and below station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly discharge, in cubic feet per second							
1899	-	-	-	-	-	-	-	-	-	-	-	86	-
1900	80	66	63	47	48	50	44	400	253	82	62	55	104
1901	44	59	55	50	50	50	74	507	179	101	128	95	117
1902	75	63	61	48	41	48	57	471	348	109	67	57	120
1903	53	48	44	34	41	43	56	260	658	198	93	89	135
1904	76	67	60	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	274	800	735	203	127	-
1908	91.6	84.0	-	-	-	-	79.2	220	524	208	198	156	-
1909	187	95.8	72.6	56.9	52.4	556	75.1	217	908	269	249	434	222
1910	131	71.9	61.4	65.2	67.0	58.9	162	414	210	134	123	150	138
1911	91.6	67.5	-	-	-	-	-	-	-	-	-	-	-
1914	79.7	58.8	40.7	34.2	36.0	31.5	36.4	188	588	211	220	101	177
1915	92.7	70.6	43.9	39.0	34.2	39.0	50.4	659	605	211	114	113	154
1916	96.0	60.5	43.9	40.7	34.8	25.3	80.7	407	387	171	122	77.3	128
1917	99.2	65.5	43.9	37.4	30.6	43.9	84.0	374	1,176	415	166	121	220
1918	99.2	80.7	37.5	32.0	34.0	32.5	40.3	407	354	229	93.1	70.9	108
1919	82.3	49.8	35	30	30	32	54.1	256	39.7	63.9	82.8	70.9	69.3
1920	65.4	56.2	40	25	30	49.2	37.8	387	568	141	67.3	30	125
1921	25	19	14	14	15	16	18.0	545	1,479	285	173	149	229
1922	81.1	63.9	45.5	43.9	39.6	39.0	43.7	544	1,380	309	196	121	242
1923	87.8	67.2	50.4	45.5	39.6	39.0	45.4	501	923	315	138	90.3	196
1924	84.3	57.5	42.3	39.0	36.5	37.4	47.1	293	121	72.9	57.0	50.1	78.5
1925	42.5	38.5	35.8	34.2	30.6	32.5	40.2	314	262	133	114	114	99.7
1926	125	82.3	50.4	40.7	34.2	30.9	42.0	431	168	138	109	67.2	106
1927	48.1	38.7	35.8	30.9	28.8	34.2	77.3	333	402	213	142	359	151
1928	132	95.8	52.0	47.2	40.0	37.4	58.8	561	269	150	80.2	68.3	133
1929	60.2	50.4	37.4	39.0	34.2	37.4	80.7	390	823	247	146	134	175
1930	106	73.9	48.8	47.2	37.8	32.5	42.0	447	386	167	203	120	142
1931	96.4	51.9	45	35	30	33	40.7	132	114	52.1	64.6	48.2	62.1
1932	48.6	40.2	36	32	29.8	30.6	45.8	485	430	193	131	71.9	132
1933	49.0	35.9	25	30	25	23.8	25.8	122	378	149	63.1	42.8	80.8
1934	36.9	33.3	25	22	20	18	57.1	102	50.1	22.4	68.3	47.8	42.0
1935	40.5	33.4	32	30	30	32.1	38.6	97.0	562	114	64.5	51.3	93.5
1936	40.6	33.3	32.1	30.4	27.4	26.5	41.6	235	164	128	161	138	88.4
1937	68.7	55.2	35	30	25	25	49.0	584	312	178	131	97.4	134
1938	65.1	37.8	30.9	30.4	29.8	30.3	66.2	353	598	181	117	131	139
1939	155	93.0	50	40	35	35	76.1	314	140	70.8	62.3	162	103
1940	108	54.9	40.5	32.2	28.0	29.9	66.4	199	93.5	48.6	41.8	101	70.5
1941	147	78.3	46.8	34.8	31.5	34.0	41.4	523	596	211	123	98.7	164
1942	135	90.5	58.7	43.4	36.5	35.7	64.9	305	568	203	122	65.7	144
1943	53.7	40.4	35.7	30.1	30.0	31.4	110	270	211	146	128	63.6	96.3
1944	54.0	44.4	37.0	36.0	28.9	27.3	37.5	358	831	339	135	64.0	166
1945	54.1	42.5	35.7	33.8	30.6	31.0	38.6	259	346	182	151	83.7	108
1946	61.0	43.9	37.6	34.6	29.2	30.0	108	176	158	96.8	76.3	61.5	76.2
1947	69.6	59.4	47.3	41.1	35.2	38.9	60.1	539	432	242	174	92.4	154
1948	74.7	56.1	30	28	26	28.6	41.2	334	270	119	83.1	55.3	95.6
1949	40.9	33.8	31.5	28	25.1	25.0	49.3	325	618	185	124	67.1	130
1950	64.5	52.1	43.2	37.4	34.8	35.5	76.4	339	470	190	121	78.3	129
1951	48.6	38.9	32.1	30	28.9	25.6	26.8	251	312	141	189	80.2	101
1952	59.3	40.4	34.2	31.0	29.2	28.9	71.4	493	604	250	221	124	166
1953	68.4	39.8	34.8	29	28.2	29.3	35.7	94.4	390	144	104	53.6	87.6
1954	45.0	36.5	27.4	25.3	26.1	26.5	60.8	311	135	112	77.2	71.1	80.0
1955	58.7	41.7	34.2	31.9	26.4	25.8	31.3	224	207	110	123	80.6	83.3
1956	56.3	38.7	33.2	30.7	27.8	27.8	41.0	381	248	110	65.6	45.8	92.5
1957	39.1	33.5	28.7	22.4	22.8	26.1	23.1	74.8	534	218	180	128	111
1958	95.5	74.6	53.5	37.2	30.0	31.0	52.7	490	367	146	77.6	66.8	127
1959	42.9	36.2	27.8	22.8	22.1	23.4	30.5	143	245	151	154	113	84.6
1960	80.6	41.0	28.3	24.9	23.7	26.5	50.4	193	217	135	70.3	58.8	79.3
1961	52.0	36.7	27.0	23.1	19.2	17.8	24.2	194	215	119	126	190	87.2
1962	106	62.7	48.3	35.2	32.8	29.8	118	359	575	229	144	82.4	152
1963	58.4	32.5	24.6	19.7	19.6	21.0	25.2	266	245	149	104	121	90.9
1964	78.5	46.4	35.5	30.2	27.4	26.0	30.7	311	423	199	153	86.4	121
1965	46.7	34.0	33.5	29.1	25.9	28.4	39.3	158	789	388	198	140	159
1966	92.9	56.6	42.9	36.6	36.1	37.4	84.2	366	188	156	99.5	89.3	108
1967	61.3	36.6	36.8	30.4	28.2	28.9	36.4	294	614	308	187	121	149
1968	52.1	32.6	29.4	25.2	25.9	26.2	32.2	152	825	235	184	126	145
1969	60.3	38.4	30.9	26.8	25.3	25.2	65.4	575	347	215	163	103	141
1970	73.3	50.3	32.4	26.0	24.6	23.7	27.0	265	398	233	164	129	121
1971	58.9	39.1	32.8	29.8	28.4	26.5	34.3	202	549	219	150	853	121
1972	53.8	41.0	36.5	29.4	25.3	37.2	42.8	328	436	174	109	78.8	116
1973	83.6	56.7	48.0	36.1	30.7	26.8	40.1	404	598	229	163	110	153

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09299500 Whiterocks River near Whiterocks, Utah - Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly runoff, in acre-feet						
1899	-	-	-	-	-	-	-	-	-	-	-	5,120	-
1900	4,920	3,930	3,870	2,890	2,670	3,070	2,620	24,600	15,100	5,040	3,810	3,270	75,800
1901	2,700	3,510	3,380	3,070	2,780	3,070	4,403	31,200	10,700	6,210	7,870	5,650	84,500
1902	4,610	3,750	3,750	2,920	2,300	2,960	3,420	28,900	20,700	6,680	4,090	3,410	87,500
1903	3,260	2,830	2,700	2,090	2,280	2,640	3,330	16,000	39,200	12,200	5,720	5,300	97,500
1904	4,670	3,990	3,690	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	16,800	47,600	45,200	12,500	7,560	-
1908	5,630	5,000	-	-	-	-	4,710	13,500	31,200	12,800	12,200	9,280	-
1909	11,500	5,700	4,460	3,500	2,910	3,420	4,470	13,300	54,000	16,500	15,300	25,800	161,000
1910	8,060	4,280	3,780	4,010	3,720	3,620	9,640	25,500	12,500	8,240	7,560	8,920	99,800
1911	5,630	4,020	-	-	-	-	-	-	-	-	-	-	-
1914	4,900	3,500	2,500	2,100	2,000	2,400	3,000	40,500	35,000	13,000	13,500	6,000	128,400
1915	5,700	4,200	2,700	2,400	1,900	2,000	4,800	25,000	36,000	13,000	7,000	6,700	111,400
1916	5,900	3,600	2,700	2,500	2,000	2,700	5,000	23,000	23,000	10,500	7,500	4,600	93,000
1917	6,100	3,900	2,700	2,300	1,700	2,000	2,400	25,000	70,000	25,500	10,200	7,200	159,000
1918	6,100	4,800	2,310	1,970	1,890	1,940	2,170	11,600	21,100	14,100	5,720	4,220	77,920
1919	5,060	2,960	2,150	1,840	1,670	1,970	3,220	15,700	2,360	3,930	5,090	4,220	50,200
1920	4,020	3,340	2,460	1,540	1,730	3,030	2,250	23,800	33,800	8,690	4,140	1,790	90,600
1921	1,540	1,130	860	860	830	980	1,070	33,500	88,000	17,500	10,600	8,870	165,700
1922	4,990	3,800	2,800	2,700	2,200	2,400	2,600	33,400	82,100	19,000	12,100	7,200	175,300
1923	5,400	4,000	3,100	2,800	2,200	2,400	2,700	30,800	54,900	19,400	8,480	5,370	141,600
1924	5,180	3,420	2,600	2,400	2,100	2,300	2,800	18,000	7,200	4,480	3,509	2,980	56,960
1925	2,610	2,290	2,200	2,100	1,700	2,000	2,390	19,300	15,600	8,180	7,000	6,800	72,170
1926	7,700	4,900	3,100	2,500	1,900	2,100	4,600	20,500	10,000	8,500	6,700	4,000	76,500
1927	2,960	2,300	2,200	1,900	1,600	1,900	2,500	26,500	23,900	13,100	8,730	21,400	109,000
1928	8,100	5,700	3,200	2,900	2,300	2,300	3,500	34,500	16,000	9,200	4,930	4,060	96,690
1929	3,700	3,000	2,300	2,400	1,900	2,000	2,500	27,500	49,000	15,200	9,000	8,000	126,500
1930	6,500	4,400	3,000	2,900	2,100	2,300	4,800	24,000	23,000	10,300	12,500	7,140	102,900
1931	5,930	3,090	2,770	2,150	1,670	2,030	2,420	8,120	6,780	3,200	3,970	2,870	45,000
1932	2,990	2,390	2,210	1,970	1,710	1,880	2,730	29,800	25,600	11,900	8,060	4,280	95,500
1933	3,010	2,140	1,540	1,840	1,390	1,460	1,540	7,500	22,500	9,160	3,880	2,550	58,500
1934	2,270	1,980	1,540	1,350	1,110	1,110	3,400	6,250	2,980	1,380	4,200	2,850	30,420
1935	2,490	1,990	1,970	1,840	1,670	1,970	2,290	5,960	33,470	7,000	3,970	3,050	67,670
1936	2,500	1,980	1,970	1,870	1,570	1,630	2,480	14,460	9,730	7,900	9,890	8,220	64,200
1937	4,220	3,290	2,150	1,840	1,390	1,540	2,910	35,920	18,600	10,970	8,070	5,790	96,690
1938	4,000	2,250	1,900	1,870	1,660	1,860	3,940	21,720	35,580	11,160	7,220	7,800	101,000
1939	9,520	5,540	3,070	2,460	1,940	2,150	4,530	19,310	8,310	4,360	3,830	9,660	74,680
1940	6,610	3,270	2,490	1,980	1,610	1,840	3,950	12,270	5,570	2,990	2,570	6,030	51,180
1941	9,060	4,660	2,880	2,140	1,750	2,090	2,470	32,130	35,470	12,980	7,560	5,880	119,100
1942	8,290	5,380	3,610	2,670	2,030	2,200	3,860	18,780	33,820	12,450	7,530	3,910	104,500
1943	3,300	2,400	2,200	1,850	1,660	1,930	6,520	16,630	12,580	8,960	7,890	3,780	69,690
1944	3,320	2,640	2,880	2,210	1,660	1,680	2,230	22,030	49,470	20,850	8,310	3,810	120,500
1945	3,320	2,530	2,200	2,080	1,700	1,910	2,300	15,900	20,620	11,170	9,270	4,980	77,980
1946	3,750	2,610	2,310	2,130	1,620	1,850	6,430	10,820	9,370	5,950	4,690	3,660	55,190
1947	4,280	3,530	2,910	2,530	1,960	2,390	3,570	33,160	25,720	14,900	10,690	5,500	111,100
1948	4,450	3,340	1,840	1,720	1,500	1,760	2,450	20,550	16,090	7,310	5,110	3,290	69,410
1949	2,520	2,010	1,940	1,720	1,390	1,540	2,940	19,970	36,770	11,400	7,640	3,990	93,830
1950	3,960	3,100	2,660	2,300	1,930	2,180	4,550	20,840	27,970	11,660	7,410	4,660	93,220
1951	2,990	2,310	1,970	1,840	1,610	1,580	1,600	15,440	18,590	8,680	11,610	4,770	72,990
1952	3,640	2,400	2,100	1,910	1,680	1,780	4,250	30,310	35,960	15,400	13,590	7,370	120,400
1953	4,200	2,370	2,140	1,780	1,570	1,800	2,120	5,800	23,200	8,830	6,370	3,190	63,370
1954	2,760	2,170	1,690	1,560	1,450	1,630	3,620	19,110	8,030	6,880	4,750	4,230	57,880
1955	3,610	2,480	2,100	1,960	1,470	1,590	1,860	13,780	12,330	6,790	7,570	4,790	60,330
1956	3,460	2,300	2,040	1,890	1,600	1,710	2,440	23,410	14,770	6,780	4,040	2,730	67,170
1957	2,400	2,000	1,770	1,380	1,270	1,600	1,370	4,600	31,750	13,400	11,060	7,600	80,200
1958	5,870	4,440	3,290	2,290	1,670	1,910	3,140	30,110	21,850	9,000	4,770	3,970	92,310
1959	2,640	2,160	1,710	1,400	1,230	1,440	1,810	8,810	14,560	9,310	9,440	6,720	61,230
1960	4,960	2,440	1,740	1,530	1,360	1,630	3,000	11,880	12,900	8,280	4,320	3,500	57,540
1961	3,200	2,180	1,660	1,420	1,070	1,090	1,440	11,930	12,790	7,320	7,770	11,300	63,160
1962	6,550	3,730	2,970	2,160	1,820	1,830	7,000	22,080	34,210	14,080	8,860	4,900	110,200
1963	3,590	1,930	1,510	1,210	1,090	1,290	1,500	16,380	14,590	9,170	6,380	7,190	65,840
1964	4,830	2,760	2,190	1,850	1,570	1,600	1,830	19,140	25,170	12,220	9,410	5,140	87,710
1965	2,870	2,030	2,060	1,790	1,440	1,750	2,340	9,710	46,920	23,840	12,180	8,310	115,200
1966	5,710	3,370	2,640	2,250	2,000	2,300	5,010	22,490	11,170	9,590	6,120	5,310	77,960
1967	3,770	2,180	2,260	1,870	1,560	1,780	2,160	18,080	36,510	18,930	11,470	7,190	107,800
1968	3,200	1,940	1,800	1,550	1,490	1,610	1,920	9,340	49,110	14,430	11,320	7,490	105,200
1969	3,710	2,290	1,900	1,650	1,400	1,550	3,890	35,340	20,660	13,220	10,010	6,130	101,800
1970	4,510	2,990	1,990	1,600	1,370	1,460	1,610	16,290	23,690	14,350	10,100	7,680	87,630
1971	3,620	2,320	2,020	1,830	1,580	1,630	2,040	12,410	32,660	13,480	9,240	5,080	87,910
1972	3,310	2,440	2,240	1,810	1,450	2,280	2,550	20,190	25,930	10,670	6,690	4,690	84,260
1973	5,140	3,380	2,950	2,220	1,700	1,650	2,390	24,870	35,580	14,110	10,030	6,550	110,600

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09300000 Deep Creek near Lapoint, Utah

LOCATION.--Lat 40°20'00", long 109°50'50", in SE¼ sec. 2, T. 2 S., R. 1 E., Uintah meridian, on right bank 0.75 mile (1.21 km) upstream from mouth and 5 miles (8 km) southwest of Lapoint.

DRAINAGE AREA.--75 sq mi (194 km^2), approximately.

PERIOD OF RECORD.--July 1942 to September 1945, July 1949 to September 1955.

GAGE.--Water-stage recorder. Altitude of gage is 5,150 ft (1,570 m) from topographic map. July 11, 1942 to Sept. 30, 1945, staff gages at site about 3 miles (5 km) upstream at different datums.

AVERAGE DISCHARGE.--9 years (1942-45, 1949-55), 7.09 ft^3/s (0.201 m^3/s), 5,130 acre-ft/yr (6.33 hm^3/yr).

EXTREMES.--1942-45, 1949-55: Maximum discharge, about 400 ft^3/s (11.3 m^3/s) Oct. 4, 1954 (gage height, 12.00 ft or 3.658 m from floodmarks), from graph based on records for Uinta River at Fort Duchesne; no flow Apr. 17, 1950.

REMARKS.--Many diversions above station for irrigation.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1942	-	-	-	-	-	-	-	-	-	-	8.0	7.7	-
1943	6.4	9.1	10.2	8.0	8.8	10.2	6.3	7.0	15.0	10.2	9.4	7.1	9.0
1944	6.14	5.25	6.32	7.23	8.37	8.14	12.2	25.2	32.6	11.3	6.66	6.02	11.3
1945	6.51	6.64	12.6	13.3	11.3	8.01	7.47	5.48	10.8	8.29	7.79	5.80	8.68
1949	-	-	-	-	-	-	-	-	-	-	2.06	1.96	-
1950	2.25	10.3	9.63	9.00	10.1	16.4	5.79	6.23	5.56	2.93	6.65	3.29	7.33
1951	2.54	2.2	2.5	10.8	6.12	6.06	1.46	1.99	4.97	1.61	2.57	2.27	3.75
1952	2.61	4.92	12.6	13	12	11.8	28.0	13.9	9.74	2.92	14.5	5.44	10.9
1953	3.55	2.5	14.1	14	8.58	2.88	1.85	2.09	2.94	1.95	2.03	1.66	4.84
1954	3.20	5.80	4.46	6.95	1.74	2.57	1.88	2.14	4.88	3.06	2.20	4.12	3.59
1955	5.97	4.06	3.56	7	7	10.1	1.97	2.49	1.71	1.68	3.75	4.29	4.46
						Monthly and yearly runoff, in acre-feet							
1942	-	-	-	-	-	-	-	-	-	-	492	456	-
1943	395	541	627	490	488	629	373	430	895	629	579	424	6,500
1944	378	312	388	445	481	501	725	1,550	1,940	697	410	358	8,180
1945	400	395	777	817	628	492	444	337	645	510	479	345	6,270
1949	-	-	-	-	-	-	-	-	-	-	127	117	-
1950	138	611	592	553	561	1,010	345	383	331	180	409	196	5,310
1951	156	131	154	666	340	373	87	122	296	99	158	135	2,720
1952	160	293	778	799	690	724	1,660	854	579	179	890	324	7,930
1953	218	149	869	861	477	177	110	129	175	120	125	99	3,510
1954	197	345	275	428	97	158	112	132	291	188	135	245	2,600
1955	367	242	219	430	389	619	117	153	102	103	230	255	3,230

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09300500 Uinta River at Fort Duchesne, Utah

LOCATION.--Lat 40°18'00", long 109°51'20", in NW¼ sec.23, T.2 S., R.1 E., Uintah meridian, on left bank 0.25 mile (0.40 km) downstream from bridge on U.S. Highway 40, 0.5 mile (0.8 km) north of Fort Duchesne, and 7 miles (11 km) east of Roosevelt.

DRAINAGE AREA.--672 sq mi (1,740 km^2).

PERIOD OF RECORD.--September 1899 to December 1904 (no winter records, 1903-04), April to June 1906 (gage heights only), April to November 1907, April 1908 to November 1910, May to July and October to December 1917, March 1918 to September 1920 (no winter records, 1918-19), October 1943 to September 1958. Published as "near Fort Duchesne" 1917-20.

GAGE.--Water-stage recorder. Altitude of gage is 5,000 ft (1,524 m) from river-profile map. Prior to Nov. 30, 1910, and June 27 to July 13, 1917, staff or chain gages at site 0.75 mile (1.21 km) downstream at different datums. May 11 to June 11, 1917, staff gage and Oct. 23, 1917, to Sept. 30, 1920; water-stage recorder, at site 2.5 miles (4.0 km) downstream at different datums.

AVERAGE DISCHARGE.--21 years (1899-1902, 1908-10, 1942-58), 117 ft^3/s (3.31 m^3/s), 84,700 acre-ft/yr (104 hm^3/yr).

EXTREMES.--Maximum discharge, more than 7,500 ft^3/s (212 m^3/s) between June 16 and 23, 1917 (gage height, 6.52 ft or 1.987 m, from floodmark, site and datum then in use), from rating curve extended above 4,100 ft^3/s (116 m^3/s) by logarithmic plotting; no flow at times.

REMARKS.--Many diversions above station for irrigation.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1900	83	111	114	125	125	125	99	924	431	67	36	66	193
1901	98	105	90	135	135	132	117	1,188	261	140	168	121	226
1902	116	117	130	125	130	118	98	662	622	158	43	54	198
1903	79	102	85	-	-	-	125	461	1,440	343	102	121	-
1904	149	133	-	-	-	89	99	906	627	207	149	137	-
1905	182	168	-	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	635	1,859	1,864	487	253	-
1908	188	139	-	-	-	-	152	342	857	242	243	216	-
1909	293	223	191	151	125	149	187	319	1,936	430	272	740	417
1910	246	201	168	151	149	195	295	541	143	25.0	41.9	93.8	188
1911	144	126	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	4,000	-	-	-	-
1918	-	108	-	-	-	-	23.0	47.7	492	145	.5	15.8	-
1919	91.8	97.1	-	-	-	-	40	60	2	0	0	7.7	-
1920	35	-	-	-	-	-	50.4	501	839	11.7	12.1	35	-
1943	23.6	38.7	57.9	66.8	85.4	44.3	7.02	60.0	39.2	8.72	18.8	7.81	38.0
1944	6.42	27.4	62.8	70	80	90	109	367	1,306	345	11.8	6.52	206
1945	16.4	30.7	76.2	100	88.0	75.2	46.5	34.9	154	18.8	17.9	14.4	55.8
1946	17.4	53.7	89.3	86.0	80.0	55.1	20.5	12.2	8.30	2.42	2.44	1.98	35.6
1947	14.6	51.3	87.1	86.8	98.3	87.4	15.8	467	663	23.4	30.8	18.7	137
1948	32.8	70.1	99.0	85	92.3	105	48.3	122	28.7	1.76	.92	.72	57.3
1949	3.58	16.2	64.8	78.0	81.1	105	23.4	186	833	29.3	3.03	2.84	118
1950	6.85	38.1	86.1	120	110	115	37.0	222	358	5.30	6.55	5.25	92.2
1951	3.61	31.5	53.5	77.7	58.6	17.5	4.50	136	70.7	1.99	16.8	6.47	39.9
1952	4.05	28.1	76.5	64.8	62	86.3	228	462	859	63.2	47.2	11.7	165
1953	3.11	11.3	80	80	90	46.3	5.16	4.17	121	3.06	1.70	.64	36.8
1954	3.70	13.8	36.8	61.0	24.6	4.71	4.10	28.2	6.01	.64	.53	8.31	16.1
1955	15.7	9.07	24.0	70	80	94.1	17.0	17.9	13.7	1.55	2.92	5.17	29.0
1956	2.35	15.3	68.0	65.7	65.2	32.5	3.18	105	67.6	4.02	4.11	3.60	36.4
1957	1.83	3.80	28.4	60	68.2	31.6	6.16	3.94	649	40.8	18.3	8.79	75.9
1958	7.40	56.1	50.9	85.2	100	77.2	24.7	455	291	12.4	5.15	7.38	97.7

							Monthly and yearly runoff, in acre-feet						
1900	5,100	6,600	7,010	7,690	6,940	7,720	5,870	56,840	25,630	4,140	2,240	3,940	139,700
1901	6,010	6,260	5,520	8,300	7,500	8,110	6,940	73,030	15,510	8,620	10,300	7,200	163,300
1902	7,120	6,940	7,990	7,690	7,220	7,250	5,860	40,700	37,010	9,730	2,680	3,220	143,400
1903	4,850	6,050	5,200	-	-	-	7,440	28,360	85,690	21,110	6,250	7,220	-
1904	9,160	7,940	-	-	-	5,490	5,890	59,380	37,290	12,700	9,180	8,130	-
1905	11,180	9,990	-	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	39,070	110,600	114,600	29,940	15,080	-
1908	11,540	8,250	-	-	-	-	9,020	21,040	51,020	14,900	14,960	12,880	-
1909	18,050	13,300	11,740	9,280	6,930	9,170	11,150	19,620	115,200	26,460	16,730	44,030	301,700
1910	15,110	11,940	10,360	9,300	8,290	11,960	17,540	33,270	8,530	1,540	2,570	5,580	135,990
1911	8,860	7,510	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	238,000	-	-	-	-
1918	-	6,430	-	-	-	-	1,370	2,940	29,260	8,920	30	942	-
1919	5,640	5,780	-	-	-	-	2,380	3,690	119	0	0	458	-
1920	2,150	-	-	-	-	-	3,000	30,820	49,910	720	746	2,080	-
1943	1,450	2,300	3,560	4,110	4,740	2,720	418	3,690	2,330	536	1,160	465	27,480
1944	395	1,630	3,860	4,300	4,600	5,530	6,500	22,570	77,720	21,230	726	388	149,400
1945	1,010	1,830	4,690	6,150	4,890	4,620	2,770	2,140	9,170	1,160	1,100	857	40,390
1946	1,070	3,200	5,490	5,290	4,440	3,390	1,220	750	494	149	150	118	25,760
1947	895	3,050	5,350	5,340	5,460	5,370	941	28,720	39,440	1,440	1,890	1,110	99,010
1948	2,020	4,170	6,090	5,230	5,310	6,470	2,870	7,520	1,710	108	57	43	41,600
1949	220	963	3,980	4,800	4,510	6,480	1,390	11,410	49,580	1,800	186	169	85,490
1950	421	2,270	5,300	7,380	6,110	7,090	2,200	13,650	21,290	326	403	312	66,750
1951	222	1,870	3,290	4,780	3,250	1,080	268	8,380	4,200	123	1,030	385	28,880
1952	249	1,670	4,700	3,990	3,570	5,300	13,590	28,380	51,100	3,890	2,900	696	120,000
1953	191	672	4,920	4,920	5,000	2,850	307	257	7,210	188	105	38	26,660
1954	228	820	2,260	3,750	1,370	290	244	1,740	358	39	33	494	11,630
1955	963	540	1,480	4,300	4,440	5,790	1,010	1,100	815	95	180	307	21,020
1956	144	912	4,180	4,040	3,750	2,000	189	6,440	4,030	247	252	214	26,400
1957	112	226	1,750	3,690	3,790	1,940	367	242	38,650	2,510	1,120	523	54,920
1958	455	3,340	3,130	5,240	5,550	4,750	1,470	28,010	17,290	762	317	439	70,750

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09301000 Dry Gulch near Neola, Utah

LOCATION.--Lat 40°28'00", long 110°10'00", in SW¼ sec.19, T.1 N., R.2 W., Uintah meridian, on right bank 1.33 miles (2.14 km) above Highline Canal crossing, 7 miles (11 km) west-northwest of Neola, and 8 miles (13 km) northeast of Altonah.

DRAINAGE AREA.--67 sq mi (174 km^2), approximately.

PERIOD OF RECORD.--October 1950 to September 1958.

GAGE.--Water-stage recorder. Altitude of gage is 6,800 ft (2,073 m) from topographic map.

AVERAGE DISCHARGE.--8 years (1950-58), 3.11 ft^3/s (0.088 m^3/s), 2,250 acre-ft/yr (2.78 hm^3/yr).

EXTREMES.--Maximum discharge, 381 ft^3/s (10.8 m^3/s) Apr. 29, 1952 (gage height, 4.63 ft or 1.411 m), from rating curve extended above 120 ft^3/s (3.40 m^3/s) by logarithmic plotting; no flow during parts of each year.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly mean discharge, in cubic feet per second						
1951	0	0	0	0	0	0	0.08	6.18	5.19	0.11	0.03	0	1.04
1952	0	0	0	0	0	0	42.2	66.4	28.9	.05	0	0	11.5
1953	0	0	0	0	0	0	.10	.11	2.29	0	0	0	.21
1954	0	0	0	0	0	.04	.42	5.66	.01	0	0	0	.52
1955	0	0	0	0	0	0	.24	9.06	.44	0	0	0	.82
1956	0	0	0	0	0	0	1.18	16.3	7.22	0	0	0	2.07
1957	0	0	0	0	0	0	0	1.33	29.4	.15	0	0	2.54
1958	0	0	0	0	0	.39	7.31	51.1	14.9	0	0	0	6.20
							Monthly and yearly discharge, in acre-feet						
1951	0	0	0	0	0	0	5.0	380	357	6.7	2.0	0	751
1952	0	0	0	0	0	0	2,510	4,080	1,720	2.8	0	0	8,310
1953	0	0	0	0	0	0	6.0	6.7	136	0	0	0	149
1954	0	0	0	0	0	2.6	25	348	.6	0	0	0	376
1955	0	0	0	0	0	0	14	557	26	0	0	0	597
1956	0	0	0	0	0	0	70	1,000	430	0	0	0	1,500
1957	0	0	0	0	0	0	0	82	1,750	9.5	0	0	1,840
1958	0	0	0	0	0	24	435	3,140	885	0	0	0	4,480

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09301500 Uinta River at mouth (at Ouray School) near Randlett, Utah[1/]

LOCATION.--Lat 40°14'00", long 109°48'07", in sec. 7, T. 3 S., R. 2 E., Uintah meridian, at highway bridge near Ouray School about 5 miles (8 km) southeast of Fort Duchesne.

DRAINAGE AREA.--967 sq mi (2,504 km^2).

GAGE.--Staff gage. Altitude of gage is 4,790 ft (1,460 m) from topographic map. Apr. 20 to Dec. 9, 1904, at datum 1.00 ft (0.305 m) lower.

EXTREMES.--1899-1904: Maximum discharge observed, 3,450 ft^3/s (97.7 m^3/s) May 19, 1901 (gage height, 4.55 ft or 1.39 m); minimum observed, 19 ft^3/s (0.538 m^3/s) Aug. 3, 1900.

REMARKS.--Diversions for irrigation above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1900	-	124	113	100	100	97	88	689	451	65	32	89	-
1901	122	128	-	120	120	116	116	1,137	309	114	164	121	-
1902	123	126	115	110	110	100	92	740	651	132	40	72	202
1903	89	97	83	-	-	-	115	447	1,498	313	78	114	-
1904	144	124	-	-	-	-	83.2	972	577	174	141	120	-
1905	140	94.7	-	-	-	-	-	-	-	-	-	-	-
						Monthly and yearly runoff, in acre-feet							
1900	-	7,380	6,950	6,150	5,550	5,960	5,240	42,400	26,800	4,000	1,970	5,300	-
1901	7,500	7,620	-	7,380	6,660	7,130	6,900	69,900	18,400	7,010	10,100	7,200	-
1902	7,560	7,500	7,070	6,760	6,110	6,150	5,460	45,500	39,000	8,150	2,470	4,280	146,000
1903	5,460	5,780	5,130	-	-	-	6,840	27,500	89,100	19,200	4,800	6,780	-
1904	8,850	7,380	-	-	-	-	4,950	59,770	34,300	10,700	8,670	7,140	-
1905	8,610	5,640	-	-	-	-	-	-	-	-	-	-	-

1/ Published as "at Ouray School near Leland," 1902.

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09302000 Duchesne River near Randlett, Utah

LOCATION.--Lat 40°12'57", long 109°47'05", in SE¼SE¼SE¼ sec.17, T.3 S., R.2 E., Uintah meridian, Uintah County, on right bank 0.2 mile (0.3 km) downstream from Uinta River, 1.2 miles (1.9 km) southeast of Randlett, and 6.5 miles (10.4 km) southeast of Fort Duchesne.

DRAINAGE AREA.--3,920 sq mi (10,150 km^2), approximately.

PERIOD OF RECORD.--October 1942 to September 1973.

GAGE.--Water-stage recorder. Datum of gage is 4,758.0 ft (1,450.2 m) above mean sea level. Prior to Aug. 23, 1944, water-stage recorder at site 600 ft (183 m) downstream at different datum. Aug. 23, 1944, to Sept. 4, 1964, and June 7, 1968, to Aug. 31, 1970, at site 100 ft (30 m) downstream at datum 0.36 ft (0.110 m) lower. Sept. 5, 1964, to June 6, 1968, at site 400 ft (120 m) upstream at datum 0.55 ft (0.168 m) lower.

AVERAGE DISCHARGE.--31 years, 596 ft^3/s (16.88 m^3/s), 431,800 acre-ft/yr (533 hm^3/yr).

EXTREMES.--Maximum discharge, 10,300 ft^3/s (292 m^3/s) June 13, 1965 (gage height, 8.33 ft or 2.539 m) site and datum then in use); maximum gage height, 9.03 ft (2.752 m) Feb. 13, 1962, site and datum then in use (backwater from ice); minimum discharge, 2.2 ft^3/s (0.062 m^3/s) Aug. 12, 1961.

REMARKS.--Records good except those for winter period and period of no gage-height record, which are poor. Flow regulated by several reservoirs. Large diversions above station for irrigation, including transmountain diversions to The Great Basin through Duchesne and Strawberry tunnels, Bobble Creek ditch, and Strawberry River and Willow Creek ditch.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
					Monthly and yearly mean discharge, in cubic feet per second								
1943	291	367	449	428	515	477	719	1,625	1,728	462	377	137	631
1944	361	398	406	377	450	706	811	2,083	4,285	1,331	122	117	952
1945	385	439	459	493	486	523	399	963	1,523	496	502	195	572
1946	337	433	389	380	379	476	670	1,145	783	85.3	98.8	68.1	437
1947	268	541	494	416	643	577	392	2,333	2,661	531	399	199	787
1948	281	491	503	475	450	644	528	1,140	850	50.4	33.6	22.5	456
1949	78.2	234	418	390	411	715	773	2,071	3,873	809	109	133	833
1950	398	491	454	500	474	648	744	1,590	3,250	734	147	225	803
1951	252	451	530	425	470	371	241	1,288	2,085	509	427	162	601
1952	406	544	529	450	460	508	1,865	4,938	5,082	1,137	796	504	1,434
1953	337	434	600	640	600	559	212	245	1,801	216	190	77.0	490
1954	146	342	421	441	446	328	225	592	85.1	30.3	19.1	105	264
1955	272	307	289	400	380	550	377	739	566	28.6	133	63.5	342
1956	99.9	248	476	444	391	405	281	1,198	1,520	69.9	39.8	21.2	432
1957	70.3	290	302	340	368	355	196	638	3,095	563	298	255	561
1958	310	683	480	469	561	573	485	2,300	1,725	71.4	18.3	46.4	643
1959	77.0	244	347	366	425	269	89.6	68.9	575	102	69.5	64.8	223
1960	176	225	353	367	400	443	142	297	380	20.7	13.8	18.9	236
1961	83.3	202	289	336	334	164	28.5	47.5	50.0	10.1	9.91	226	147
1962	315	451	430	347	775	792	1,183	1,435	2,459	432	62.0	75.3	726
1963	242	250	371	297	514	162	77.3	505	840	50.4	76.9	241	300
1964	122	261	352	298	317	376	236	1,166	2,051	467	94.8	63.8	483
1965	81.4	298	447	434	386	429	540	1,157	5,083	2,840	926	975	1,133
1966	772	788	680	639	680	764	592	946	276	51.8	47.0	101	528
1967	181	317	498	537	546	657	314	906	4,256	1,240	179	169	814
1968	196	305	526	558	582	653	528	731	4,199	388	422	211	770
1969	322	459	620	683	665	846	1,155	2,981	2,342	279	148	168	889
1970	319	377	323	234	297	163	45.3	283	980	143	46.9	79.2	273
1971	145	177	115	370	559	331	198	450	2,358	317	59.9	144	431
1972	328	477	424	398	608	609	218	595	1,952	93.8	51.6	76.5	483
1973	367	520	598	517	517	947	823	2,058	2,320	503	212	282	806
					Monthly and yearly runoff, in acre-feet								
1943	17,860	21,830	27,590	26,340	28,610	29,330	42,790	99,930	102,800	28,380	23,210	8,120	456,800
1944	22,210	23,660	24,940	23,170	25,880	43,440	48,230	128,100	255,000	81,860	7,510	6,940	690,900
1945	23,660	26,120	28,240	30,310	26,980	32,130	23,720	59,230	90,630	30,520	30,870	11,590	414,000
1946	20,710	25,780	23,940	23,350	21,040	29,280	39,890	70,400	46,590	5,240	6,070	4,050	316,300
1947	16,470	32,220	30,400	25,600	35,720	35,490	23,330	143,400	158,400	32,640	24,550	11,830	570,000
1948	17,290	29,230	30,930	29,210	25,880	39,600	31,400	70,130	50,580	3,100	2,070	1,340	330,700
1949	4,810	13,930	25,680	23,960	22,810	43,960	45,970	127,320	230,460	49,740	6,710	7,910	603,300
1950	24,460	29,240	27,940	30,740	26,300	39,870	44,260	97,490	193,300	45,160	9,020	13,410	581,200
1951	15,510	26,820	32,610	26,150	26,100	22,810	14,310	79,170	124,100	31,320	26,280	9,640	434,800
1952	24,930	32,370	32,530	27,670	26,460	31,220	111,000	303,600	302,400	69,910	48,970	29,980	1,041,000
1953	20,740	25,840	36,890	39,350	31,320	34,340	12,610	15,090	107,200	13,250	11,690	4,580	354,900
1954	8,960	20,350	25,910	27,130	24,760	20,170	13,380	36,430	5,070	1,860	1,180	6,240	191,400
1955	16,730	18,260	17,780	24,580	21,100	33,820	22,420	45,460	33,690	1,760	8,190	3,780	247,600
1956	6,140	14,750	29,240	27,330	22,460	24,780	16,740	73,650	90,440	4,300	2,450	1,260	313,500
1957	4,320	17,280	18,600	20,910	20,430	21,840	11,650	39,210	184,200	34,630	18,290	15,150	406,500
1958	19,070	40,650	29,510	28,820	31,180	35,230	28,870	141,400	102,600	4,390	1,130	2,760	465,600
1959	4,730	14,500	21,360	22,470	23,580	16,550	5,330	4,240	34,220	6,250	4,270	3,860	161,400
1960	10,840	13,390	21,700	22,590	23,010	27,250	8,450	18,260	22,610	1,270	847	1,120	171,300
1961	5,120	12,000	17,780	20,690	18,530	10,060	1,700	2,920	2,980	623	609	13,470	106,500
1962	19,400	26,830	26,450	21,340	43,060	48,690	70,410	88,260	146,300	26,590	3,810	4,480	525,600
1963	14,880	14,880	22,800	18,250	28,560	9,940	4,600	31,060	49,980	3,100	4,730	14,370	217,100
1964	7,480	15,560	21,620	18,350	18,210	23,100	14,060	71,670	122,000	28,720	5,830	3,800	350,400
1965	5,010	17,750	27,470	26,680	21,440	26,380	32,110	71,170	302,400	174,600	56,920	58,040	820,000
1966	47,470	46,870	41,780	39,310	37,770	46,960	35,240	58,170	16,430	3,180	2,890	6,020	382,100
1967	11,120	18,890	30,620	33,050	30,350	40,410	18,700	55,690	253,300	76,260	11,000	10,050	589,400
1968	12,020	18,140	32,360	34,310	33,460	40,130	31,440	44,960	249,800	23,880	25,960	12,530	559,000
1969	19,800	27,330	38,120	41,990	36,950	52,020	68,730	183,300	139,300	17,180	9,070	10,000	643,800
1970	19,600	22,440	19,840	14,370	16,510	10,000	2,700	17,400	58,320	8,770	2,880	4,710	197,500
1971	8,910	10,550	7,090	22,740	31,050	20,370	11,750	27,700	140,300	19,480	3,680	8,570	312,200
1972	20,190	28,380	26,080	24,480	35,000	37,460	13,000	36,580	116,200	5,770	3,170	4,550	350,800
1973	22,560	30,940	36,760	31,780	28,700	58,200	48,980	126,500	138,000	30,940	13,030	16,810	583,300

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09306500 White River near Watson, Utah

LOCATION.--Lat 39°58'46", long 109°10'41", in SE¼SW¼NE¼ sec.2, T.10 S., R. 24 E., Uintah County, on right bank 350 ft (107 m) downstream from bridge on State Highway 45, 1 mile (1.6 km) downstream from Evacuation Creek, and 7 miles (11 km) north of Watson.

DRAINAGE AREA.--4,020 sq mi (10,410 km^2), approximately.

PERIOD OF RECORD.--April 1904 to October 1906 (no winter records), May to November 1918, April 1923 to September 1973. Published as "near Dragon" 1906 and as "near Rangely, Colo." 1904-05, 1918.

GAGE.--Water-stage recorder. Datum of gage is 4,946.78 ft (1,507.8 m) above mean sea level.

AVERAGE DISCHARGE.--50 years (1923-73), 702 ft^3/s (19.88 m^3/s), 508,600 acre-ft/yr (627 hm^3/yr).

EXTREMES.--Maximum daily discharge, 8,160 ft^3/s (231 m^3/s) July 15, 1929; maximum gage height, 13.1 ft (3.99 m) Feb. 11, 1962, from floodmark in well (backwater from ice); minimum discharge, 11 ft^3/s (.31 m^3/s) Dec. 6, 1972, result of freezeup; minimum daily, 45 ft^3/s (1.27 m^3/s) Dec. 6, 1972, result of freezeup.

REMARKS.--Records good except those for winter periods, which are poor. Diversions for irrigation of about 31,900 acres (12,910 hm^2) above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1904	-	-	-	-	-	-	607	1,527	1,582	552	427	401	-
1905	398	-	-	-	-	-	506	1,752	3,152	748	561	674	-
1906	636	-	-	-	-	-	804	2,002	2,228	949	627	707	-
1907	560	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	1,230	2,255	858	981	602	-
1919	785	455	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	836	1,939	1,861	856	779	494	-
1924	572	508	478	440	420	460	530	1,434	1,860	437	348	359	653
1925	395	381	365	350	405	590	957	1,634	1,533	965	633	724	745
1926	771	625	600	580	580	660	1,056	1,975	2,268	972	630	354	924
1927	581	406	405	400	550	859	521	1,584	1,779	864	565	618	762
1928	548	549	450	420	420	750	792	3,009	1,993	1,105	803	640	959
1929	892	659	400	450	450	1,150	2,466	3,537	4,018	2,923	1,915	1,917	1,736
1930	1,029	713	500	380	560	600	1,249	1,200	1,814	586	894	502	835
1931	487	390	230	290	375	525	677	1,045	1,031	284	351	378	505
1932	418	392	425	420	460	710	795	2,105	1,898	980	745	466	819
1933	450	428	425	405	485	685	840	1,156	2,678	552	453	370	742
1934	386	441	412	400	539	418	573	688	227	109	197	277	388
1935	281	287	325	339	372	388	392	1,027	2,080	526	298	367	556
1936	326	374	331	364	368	388	671	1,976	1,540	602	479	372	650
1937	376	328	287	160	290	516	370	1,344	998	888	378	541	541
1938	460	325	275	285	373	679	727	2,024	2,607	804	510	861	828
1939	472	338	294	327	360	1,180	679	1,513	1,175	311	307	456	619
1940	431	375	332	341	368	406	621	1,634	966	283	237	410	534
1941	495	370	296	296	400	511	564	2,539	1,977	656	533	482	762
1942	716	482	388	369	398	706	1,799	2,577	2,416	723	433	385	950
1943	471	461	368	346	433	538	675	911	1,465	504	720	334	602
1944	346	387	347	306	372	523	479	1,533	1,876	647	299	254	614
1945	314	338	325	415	461	457	497	1,759	1,768	925	611	395	690
1946	403	447	333	359	372	493	730	1,107	1,121	341	477	350	545
1947	449	410	373	270	350	693	591	2,276	1,950	990	607	442	786
1948	548	469	440	381	369	620	989	2,086	1,537	511	452	316	727
1949	387	378	314	244	246	632	746	1,723	2,664	1,184	496	473	792
1950	548	438	340	332	313	486	560	1,027	2,016	615	330	403	617
1951	402	394	366	295	423	436	439	1,286	1,889	831	629	357	646
1952	408	382	341	327	336	336	1,295	2,419	3,528	818	751	558	956
1953	420	367	427	402	419	577	499	1,141	2,258	533	559	288	657
1954	344	406	347	369	460	398	580	1,191	536	297	217	580	470
1955	431	336	292	259	338	758	522	1,415	1,271	252	334	208	536
1956	331	362	346	328	338	709	558	1,604	1,427	357	345	217	577
1957	314	345	295	349	399	497	493	1,242	3,661	2,746	1,090	613	1,006
1958	534	558	461	389	637	573	759	2,411	2,210	546	355	428	821
1959	445	412	358	382	375	383	510	1,039	1,619	486	479	405	574
1960	459	381	330	272	338	571	680	1,124	1,592	348	227	317	552
1961	345	358	307	303	348	371	368	1,052	1,087	260	300	638	478
1962	622	433	375	337	670	1,079	1,427	2,250	2,147	957	412	353	922
1963	454	424	347	331	428	389	487	1,158	514	190	413	450	466
1964	243	324	253	277	326	423	509	1,370	1,670	491	401	264	546
1965	326	342	350	380	403	544	590	1,595	2,650	1,128	519	546	782
1966	546	467	432	396	373	1,014	541	1,164	430	161	266	232	504
1967	376	296	303	294	318	467	408	1,129	1,711	497	273	327	533
1968	356	332	296	291	352	399	480	1,162	2,510	601	693	362	652
1969	420	399	422	382	349	533	881	1,884	1,254	543	402	498	665
1970	535	455	398	422	443	410	454	2,007	2,373	844	517	487	780
1971	529	470	419	430	389	582	722	1,399	2,272	768	328	491	733
1972	450	481	396	395	385	425	508	1,166	1,816	364	254	362	582
1973	481	433	413	435	384	534	473	2,092	2,301	912	457	436	781

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09306500 White River near Watson, Utah - Continued

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
							Monthly and yearly runoff, in acre-feet						
1904	-	-	-	-	-	-	36,120	93,880	94,170	33,950	26,240	23,880	-
1905	24,470	-	-	-	-	-	30,110	107,700	187,600	45,980	34,490	40,100	-
1906	39,110	-	-	-	-	-	47,860	123,100	132,600	58,360	38,530	42,090	-
1907	34,410	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	75,630	134,200	52,730	60,310	35,850	-
1919	48,290	27,070	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	49,740	119,200	110,800	52,630	47,910	29,370	-
1924	35,140	30,200	29,400	27,050	24,160	28,280	31,540	88,170	110,700	26,860	21,420	21,380	474,300
1925	24,290	22,660	22,440	21,520	22,490	36,280	56,950	100,500	91,240	59,360	38,890	43,080	539,700
1926	47,420	37,220	36,890	35,660	32,210	40,580	62,830	121,400	134,900	59,770	38,230	21,060	668,700
1927	35,730	24,160	24,900	24,600	30,550	52,820	30,980	97,370	105,900	53,150	34,740	36,770	551,700
1928	33,680	32,680	27,670	25,820	24,160	46,120	47,110	185,000	118,600	67,940	49,350	38,060	696,200
1929	54,850	39,190	24,600	27,670	24,990	70,710	146,700	217,500	239,100	179,700	117,800	114,100	1,257,000
1930	63,250	42,410	30,740	23,370	31,100	36,890	74,310	73,770	107,900	36,050	54,960	29,870	604,600
1931	29,920	23,190	14,140	17,830	20,830	32,280	40,280	64,270	61,340	17,470	21,590	22,510	365,600
1932	25,730	23,350	26,130	25,820	26,460	43,660	47,310	129,400	113,000	60,230	45,810	27,730	594,600
1933	27,660	25,450	26,130	24,900	26,940	42,120	49,980	71,050	159,400	33,950	27,860	22,000	537,400
1934	23,760	26,220	25,330	24,600	29,940	25,680	34,090	42,320	13,480	6,700	12,140	16,500	280,800
1935	17,310	17,060	19,980	20,870	20,670	23,860	23,300	63,140	123,800	32,320	18,310	21,810	402,400
1936	20,030	22,270	20,320	22,380	21,150	23,840	39,910	121,500	91,640	37,010	29,470	22,130	471,600
1937	23,110	19,530	17,620	9,840	16,110	31,730	22,020	82,640	59,380	54,600	23,220	32,210	392,000
1938	28,290	19,340	16,900	17,510	20,720	41,770	43,270	124,400	155,100	49,440	31,380	51,260	599,400
1939	29,020	20,130	18,100	20,110	20,000	72,580	40,410	93,000	69,930	19,120	18,880	27,130	448,400
1940	26,500	22,300	20,400	20,950	21,190	24,980	36,950	100,500	57,500	17,430	14,540	21,410	387,600
1941	30,430	22,000	18,170	18,190	22,220	31,400	33,580	156,100	117,700	40,340	32,780	28,680	551,600
1942	44,040	28,660	23,850	22,680	22,080	43,400	107,000	158,500	143,700	44,460	26,600	22,920	687,900
1943	28,980	27,410	22,650	21,250	24,070	33,090	40,170	56,020	87,170	30,970	44,250	19,860	435,900
1944	21,280	23,000	21,340	18,810	21,400	32,170	28,520	94,230	111,600	39,800	18,370	15,140	445,700
1945	19,300	20,100	19,980	25,490	25,620	28,090	29,580	108,100	105,200	56,890	37,540	23,480	499,400
1946	24,800	26,600	20,500	22,100	20,690	30,310	43,430	68,080	66,720	20,970	29,300	20,840	394,300
1947	27,590	24,430	22,960	16,610	19,450	42,600	35,160	139,900	116,000	60,850	37,290	26,270	569,100
1948	33,720	27,880	27,050	23,440	21,240	38,100	58,850	128,300	91,450	31,390	27,770	16,780	528,000
1949	23,820	22,470	19,300	15,010	13,690	38,840	44,420	105,900	158,500	72,810	30,510	26,150	537,400
1950	33,680	26,090	20,880	20,420	17,390	29,870	33,300	63,140	120,000	37,810	20,260	23,960	446,800
1951	24,730	23,460	22,530	18,140	23,520	26,840	26,130	79,040	112,400	51,130	38,650	21,240	467,800
1952	25,110	22,750	20,990	20,120	19,300	20,650	77,080	148,700	210,000	50,320	46,150	33,210	694,400
1953	25,800	21,840	26,280	24,690	23,250	35,480	29,670	70,190	134,400	32,800	34,390	17,110	475,900
1954	21,140	24,140	21,350	22,670	25,570	24,460	34,500	68,780	31,900	18,260	13,330	34,520	340,600
1955	26,490	20,010	17,970	15,950	18,760	46,620	31,070	87,010	76,640	15,520	20,550	12,370	388,000
1956	20,360	21,520	21,260	20,140	19,430	43,580	33,200	98,650	84,930	21,950	21,230	12,900	419,200
1957	19,300	20,550	18,130	21,480	22,180	30,560	29,360	76,340	217,900	168,800	67,010	36,460	728,100
1958	32,830	33,180	28,350	23,930	35,390	35,260	45,170	148,200	131,500	33,580	21,840	25,460	594,700
1959	27,390	24,540	22,040	23,490	20,820	23,550	30,370	63,890	96,360	29,880	29,430	24,090	415,800
1960	28,240	22,700	20,260	16,720	19,460	35,110	40,460	69,080	94,730	21,400	13,950	18,870	401,000
1961	21,220	21,330	18,850	18,600	19,300	22,820	21,880	64,690	64,680	15,960	18,450	37,960	345,800
1962	38,260	25,760	23,030	20,750	37,220	66,370	84,900	138,400	127,700	58,830	25,360	21,030	667,600
1963	27,930	25,240	21,340	20,330	23,760	23,890	28,970	71,200	30,570	11,660	25,370	26,760	337,000
1964	14,920	19,280	15,530	17,060	18,760	26,040	30,320	84,210	99,350	30,220	24,680	15,700	396,100
1965	20,060	20,350	21,540	23,350	22,390	33,460	35,100	98,050	157,700	69,380	31,910	32,520	565,800
1966	33,560	27,800	26,580	24,340	20,690	62,360	32,210	71,560	25,600	9,920	16,330	13,800	364,700
1967	23,140	17,630	18,660	18,070	17,650	28,710	24,300	69,420	101,800	30,530	16,760	19,480	386,200
1968	21,870	19,770	18,190	17,910	20,230	24,530	28,570	71,460	149,300	36,960	42,590	21,540	473,000
1969	25,850	23,740	25,920	23,480	19,380	32,750	52,420	115,800	74,590	33,400	24,690	29,650	481,700
1970	32,890	27,050	24,450	25,970	24,620	25,230	26,990	123,400	141,200	51,920	31,810	28,970	564,500
1971	32,540	27,980	25,780	26,450	21,630	35,770	42,980	86,030	135,200	47,230	20,190	29,200	531,000
1972	27,670	28,630	24,340	24,320	22,160	26,130	30,230	71,690	108,100	22,360	15,610	21,530	422,700
1973	29,590	25,790	25,420	26,760	21,300	32,820	28,140	128,600	136,900	56,090	28,080	25,950	565,500

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09306800 Bitter Creek near Bonanza, Utah

LOCATION.--Lat 39°45'12", long 109°21'15", in SW¼SW¼SW¼ sec.21, T.12 S., R.23 E., Uintah County, on left bank 150 ft (46 m) upstream from road bridge, 3 miles (5 km) downstream from Sweetwater Canyon Creek, 17 miles (27 km) upstream from mouth, and 18 miles (29 km) south-southwest of Bonanza.

DRAINAGE AREA.--324 sq mi (839 km^2).

PERIOD OF RECORD.--October 1970 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 5,570 ft (1,698 m) from topographic map.

EXTREMES.--Maximum discharge, 507 ft^3/s (14.4 m^3/s) Aug. 30, 1971 (gage height, 9.74 ft or 2.969 m, from floodmarks), from rating curve extended above 5 ft^3/s (0.142 m^3/s) on basis of slope-area measurement of peak flow; no flow for many days each year.

REMARKS.--Records fair except those for winter period and period of no gage-height record, which are poor. Small reservoirs on tributaries above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1971	1.62	1.87	1.88	1.77	1.42	3.92	3.04	1.91	0.63	0.020	1.03	0.001	1.60
1972	.035	.22	.18	.22	.31	.60	.78	.80	.17	.002	.053	.037	.28
1973	.15	.11	.001	0	0	1.38	2.66	3.64	2.89	1.53	1.97	.51	1.24
						Monthly and year runoff, in acre-feet							
1971	100	111	116	109	79	241	181	117	38	1.2	63	0.06	1,160
1972	2.1	13	11	13	18	37	46	49	10	.1	3.2	2.2	205
1973	8.9	6.5	.06	0	0	85	158	224	172	94	121	30	900

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09307000 Green River near Ouray, Utah

LOCATION.--Lat 40°04'20", long 109°43'40", in NE¼NE¼NE¼ sec. 11, T. 5 S., R. 2 E., Uintah meridian, on right bank 2.75 miles (4.42 km) upstream from Willow Creek and 3 miles (5 km) southwest of Ouray.

DRAINAGE AREA.--35,500 sq mi (91,945 km^2), approximately.

PERIOD OF RECORD.--October 1947 to September 1955, October 1956 to September 1966.

GAGE.--Water-stage recorder. Datum of gage is 4,637.0 ft (1,413.36 m) above mean sea level, datum of 1929.

AVERAGE DISCHARGE.--18 years, 5,428 ft^3/s (154 m^3/s), 3,930,000 acre-ft/yr (4.85 km^3/yr), unadjusted.

EXTREMES.--Maximum discharge, 43,600 ft^3/s (1,235 m^3/s) June 11, 1952 (gage height, 14.99 ft or 4.569 m); minimum daily, 470 ft^3/s (13.3 m^3/s) July 31, Aug. 1, 1963.

REMARKS.--Records good except those for winter period, which are fair. Diversions for irrigation above station. Flow regulated by Flaming Gorge Reservoir since Nov. 1, 1962.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1948	2,778	2,742	2,464	2,111	2,420	4,497	9,140	17,720	15,780	3,931	1,998	1,101	5,555
1949	1,464	1,622	1,518	1,577	1,870	4,270	8,233	19,990	26,910	9,076	2,495	1,752	6,665
1950	3,135	2,944	1,861	2,039	2,438	5,233	10,900	17,390	26,830	11,569	3,660	2,436	7,543
1951	2,349	2,767	2,586	1,760	2,954	3,475	6,620	15,260	21,830	10,010	5,824	2,684	6,517
1952	3,361	2,651	2,135	2,038	2,295	2,448	16,110	30,700	29,210	7,750	4,781	2,787	8,850
1953	1,909	1,935	1,951	2,257	2,470	3,504	3,929	8,143	19,910	5,751	3,249	1,387	4,695
1954	1,341	1,983	1,706	1,705	2,500	2,797	4,886	11,270	6,262	5,656	1,990	1,967	3,680
1955	2,061	1,956	1,227	1,272	1,498	3,305	5,368	11,490	11,360	3,488	2,456	1,134	3,892
1957	1,216	1,609	1,300	1,350	1,838	3,748	5,324	16,050	32,180	19,270	5,604	3,001	7,725
1958	2,949	3,465	2,277	1,979	3,206	3,995	7,099	22,080	18,730	3,075	1,607	1,401	5,993
1959	1,382	1,662	1,794	1,626	2,107	2,602	3,942	8,262	13,660	5,134	2,741	1,701	3,884
1960	2,762	2,444	1,678	1,416	1,497	5,612	9,678	9,358	12,250	2,689	1,157	1,047	4,292
1961	1,521	1,839	1,233	1,235	1,683	2,451	3,099	6,295	9,663	1,817	1,189	2,653	2,884
1962	3,514	2,661	1,840	1,642	6,289	7,061	18,340	22,150	18,310	9,760	2,987	1,481	7,993
1963	1,892	1,447	1,164	1,068	2,059	1,528	2,682	7,014	5,112	777	965	1,225	2,243
1964	725	1,263	1,396	1,792	1,983	2,015	3,288	10,790	12,450	5,400	2,980	2,494	3,880
1965	3,300	3,526	4,014	4,906	5,382	5,802	8,425	13,210	20,990	8,080	3,252	3,084	6,989
1966	4,030	4,090	3,973	2,873	2,918	5,867	6,522	9,813	5,455	2,376	2,353	2,577	4,413
						Monthly and yearly runoff, in thousands of acre-feet							
1948	170.8	113.1	151.3	129.8	139.2	276.5	543.9	1,089	938.9	241.7	122.8	65.49	4,032
1949	89.99	96.52	93.34	96.95	103.8	262.6	489.9	1,229	1,548	558.1	153.4	104.3	4,826
1950	192.8	175.2	114.4	125.4	135.4	321.7	648.7	1,069	1,597	711.1	225.6	145.0	5,461
1951	144.4	164.6	159.0	108.2	164.0	213.7	393.9	938.4	1,299	615.5	358.1	159.7	4,718
1952	206.7	157.7	131.3	125.3	132.0	150.5	958.8	1,888	1,738	476.5	294.0	165.8	6,425
1953	117.4	115.2	119.9	138.8	137.2	215.4	233.8	500.7	1,185	353.6	199.8	82.51	3,399
1954	82.47	118.0	104.9	104.9	138.9	172.0	290.7	692.7	372.6	347.8	122.4	117.1	2,665
1955	126.7	116.4	75.47	78.19	83.21	203.2	319.4	706.5	675.7	214.5	151.0	67.48	2,818
1957	74.78	95.74	79.93	83.01	102.1	230.5	316.8	986.7	1,915	1,185	344.6	178.6	5,593
1958	181.3	206.2	140.0	121.7	178.0	245.7	422.4	1,357	1,115	189.0	98.80	83.35	4,338
1959	84.97	98.90	110.3	99.97	117.0	160.0	234.6	508.0	812.6	315.7	168.6	101.2	2,812
1960	169.8	145.4	103.2	87.07	86.08	345.0	575.9	575.4	729.1	165.3	71.17	62.28	3,116
1961	93.52	109.4	75.83	75.91	93.44	150.7	184.4	387.1	575.0	111.7	73.10	157.9	2,088
1962	216.1	158.3	113.1	101.0	349.3	434.2	1,092	1,362	1,090	600.1	183.6	88.15	5,787
1963	116.4	86.12	71.58	65.69	114.9	93.94	159.6	431.3	304.2	47.79	59.34	72.87	1,624
1964	44.57	75.17	85.84	110.2	114.0	123.9	195.6	663.2	740.9	332.0	183.2	148.4	2,817
1965	202.9	209.8	246.8	301.7	298.9	356.7	501.3	812.2	1,249	496.8	200.0	183.5	5,060
1966	247.8	243.4	244.3	176.6	162.1	360.8	388.1	603.4	324.6	146.1	144.7	153.3	3,195

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09307500 Willow Creek above diversions, near Ouray, Utah

LOCATION.--Lat 39°34'13", long 109°35'05", in NW¼NE¼SE¼ sec. 29, T.14 S., R.21 E., Uintah County, on right bank 0.2 mile (0.3 km) upstream from Ankerpont ranch, and 48 miles (77 km) south of Ouray.

DRAINAGE AREA.--300 sq mi (777 km^2), approximately.

PERIOD OF RECORD.--August 1950 to September 1955, September 1957 to September 1970.

GAGE.--Water-stage recorder. Altitude of gage is 5,980 ft (1,823 m) by barometer. Prior to Nov. 7, 1952, water-stage recorder at site 500 ft (152 m) downstream at different datum. Nov. 7, 1952 to Aug. 1, 1962, water-stage recorder at present site at datum 1.72 ft (0.524 m) higher.

AVERAGE DISCHARGE.--18 years, 19.6 ft^3/s (0.555 m^3/s), 14,200 acre-ft/yr (17.5 hm^3/yr).

EXTREMES.--Maximum discharge, 668 ft^3/s (18.9 m^3/s) Aug. 6, 1963, from rating curve extended above 130 ft^3/s (3.68 m^3/s); maximum gage height, 10.30 ft (3.14 m) Mar. 27, 1962, present datum; minimum discharge 0.3 ft^3/s (0.009 m^3/s) Aug. 21, 22, 23, 1960.

REMARKS.--Records fair except those for winter periods and period of no gage-height record, which are poor. One small diversion above station for irrigation of about 100 acres (40 hm^2) of hay land below station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1950	-	-	-	-	-	-	-	-	-	-	15.2	15.5	-
1951	16.1	19.2	17.3	15.9	20.2	28.1	24.8	20.4	13.7	7.69	10.0	9.24	16.9
1952	14.1	12.6	12.0	10.8	11	12.8	63.1	139	53.6	31.6	19.3	19.2	33.4
1953	17.8	18.2	12.0	10	12.5	25.9	30.0	21.8	14.6	14.9	13.2	8.66	16.6
1954	14.9	16.8	17	16	18.8	30.0	49.2	26.1	14.6	12.6	8.80	12.2	19.7
1955	13.9	14.6	10	9.0	9.21	36.2	35.2	26.9	14.8	6.63	12.0	5.32	16.2
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	10.1	10.5	12.3	13.0	29.5	28.5	48.2	68.5	27.4	10.7	12.1	12.0	23.5
1959	12.7	12.1	10.7	11.8	12.1	20.5	20.8	14.5	6.61	4.26	8.61	5.19	11.7
1960	8.17	8.83	8.93	9.91	11.6	26.3	29.8	17.3	6.46	3.35	1.68	3.35	11.3
1961	8.95	9.18	8.48	5.48	10.4	19.4	32.0	15.9	4.80	1.31	7.89	10.1	11.1
1962	12.6	7.67	8.52	8.29	10.3	46.0	132	58.2	26.2	14.5	6.76	10.1	28.4
1963	13.8	11.6	7.45	8.65	20.8	39.1	29.8	16.9	10.6	3.86	17.4	14.5	16.2
1964	11.9	11.3	9.0	8.32	8.00	13.9	42.6	25.2	10.3	5.01	9.25	6.38	13.4
1965	7.31	7.51	9.15	10.8	8.89	16.6	30.2	43.5	24.3	26.4	20.9	12.1	18.2
1966	14.6	16.8	14.6	13.0	17.7	59.9	33.3	24.4	14.1	9.66	9.15	8.43	19.7
1967	11.9	11.5	12.7	12.5	13.0	20.1	22.6	16.4	21.7	14.8	16.2	13.1	15.5
1968	12.0	15.4	10.2	10.3	13.1	24.2	28.6	59.3	44.7	16.5	20.3	13.2	22.3
1969	15.1	11.0	11.6	13.4	14.1	16.9	84.6	117	57.6	25.6	19.2	17.2	33.7
1970	20.5	17.5	15.1	14.5	15.8	27.2	61.6	66.3	17.4	14.8	15.7	13.1	25.0
						Monthly and yearly runoff, in acre-feet							
1950	-	-	-	-	-	-	-	-	-	-	932	924	-
1951	990	1,140	1,060	980	1,120	1,730	1,480	1,250	813	473	618	550	12,200
1952	865	748	736	664	633	785	3,750	8,570	3,190	1,950	1,190	1,140	24,220
1953	1,090	1,080	736	615	696	1,590	1,790	1,340	866	914	810	515	12,040
1954	914	1,000	1,050	984	1,040	1,840	2,930	1,600	869	777	541	725	14,270
1955	853	867	615	553	512	2,220	2,100	1,660	879	408	738	316	11,720
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	621	624	756	801	1,640	1,750	2,870	4,210	1,630	656	743	713	17,010
1959	780	717	659	728	674	1,250	1,240	892	393	262	529	309	8,430
1960	503	525	549	609	665	1,620	1,780	1,070	385	206	103	210	8,220
1961	550	546	522	337	575	1,190	1,910	978	286	81	485	603	8,060
1962	772	456	524	510	573	2,830	7,870	3,580	1,560	893	416	603	20,580
1963	847	692	458	532	1,160	2,400	1,770	1,040	631	237	1,070	864	11,700
1964	732	672	553	512	460	857	2,530	1,550	610	308	569	380	9,740
1965	450	447	563	666	494	1,020	1,800	2,670	1,450	1,620	1,280	721	13,180
1966	899	998	897	797	982	3,680	1,980	1,500	839	594	563	502	14,230
1967	735	686	782	768	722	1,240	1,350	1,010	1,290	910	996	780	11,260
1968	736	918	626	633	754	1,490	1,700	3,650	2,660	1,020	1,250	785	16,210
1969	926	652	712	823	783	1,040	5,030	7,190	3,430	1,580	1,180	1,020	24,360
1970	1,260	1,040	928	891	879	1,670	3,660	4,070	1,040	910	965	777	18,100

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09308000 Willow Creek near Ouray, Utah

LOCATION.--Lat 39°56'30", long 109°39'00", in sec.22, T.10 S., R.20 E., on left bank 8 miles (13 km) upstream from mouth and 10 miles (16 km) south of Ouray.

DRAINAGE AREA.--890 sq mi (2,305 km^2), approximately.

PERIOD OF RECORD.--July 1947 to September 1955, water year 1960 (annual maximum).

GAGE.--Crest-stage gage. Altitude of gage is 4,830 ft (1,472 m) by barometer. July 1947 to September 1955 water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--8 years (1947-55), 27.0 ft^3/s (0.765 m^3/s), 19,550 acre-ft/yr (24.1 hm^3/yr).

EXTREMES.--1947-55, 1959-60: Maximum discharge, 2,320 ft^3/s (65.7 m^3/s) Aug. 27, 1952 (gage height, 9.68 ft or 2.95 m) from rating curve extended above 240 ft^3/s (6.80 m^3/s) on basis of slope-area measurement at gage height 4.27 ft (1.30 m) and logarithmic plotting; 1947-55: No flow at times.

REMARKS.--Diversions for irrigation above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1947	-	-	-	-	-	-	-	-	-	0.30	19.7	2.41	-
1948	11.7	11.4	3.58	4.35	7.41	34.3	120	51.2	15.5	9.88	1.03	.94	22.5
1949	9.19	11.1	10	9.0	10.4	35.9	61.9	115	94.9	59.9	32.0	23.4	39.6
1950	37.5	39.2	20.1	17.4	24.6	50.7	90.7	80.4	34.3	23.9	8.79	16.6	37.0
1951	21.5	30.5	27.7	16.9	23.2	42.5	35.7	7.53	3.14	.26	2.22	1.60	17.7
1952	10.1	13.0	13.0	11.8	12	16.9	92.4	222	77.5	33.5	49.8	28.9	48.6
1953	27.3	26.6	21	20	23.5	37.5	42.5	12.3	3.03	2.90	6.67	2.13	18.7
1954	13.3	16.9	20.2	20	24.1	37.2	48.0	9.05	3.37	4.45	1.85	11.2	17.4
1955	11.7	15.1	11	10	10.4	44.9	44.0	14.1	.51	.09	14.1	1.04	14.8
						Monthly and yearly runoff, in acre-feet							
1947	-	-	-	-	-	-	-	-	-	18	1,210	144	-
1948	720	680	220	268	426	2,110	7,110	3,150	921	607	63	56	16,320
1949	565	662	615	553	577	2,210	3,680	7,090	5,650	3,680	1,970	1,390	28,640
1950	2,310	2,330	1,240	1,070	1,370	3,120	5,400	4,940	2,040	1,470	540	985	26,820
1951	1,320	1,820	1,700	1,040	1,290	2,610	2,120	463	187	16	137	95	12,800
1952	623	775	797	726	690	1,040	5,500	13,660	4,610	1,060	2,060	1,720	35,260
1953	1,680	1,580	1,290	1,230	1,310	2,300	2,530	759	180	178	410	127	13,570
1954	818	1,000	1,240	1,230	1,340	2,290	2,860	556	201	273	113	664	12,580
1955	721	899	676	615	579	2,760	2,620	868	31	5.8	864	62	10,700

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09308500 Minnie Maud Creek near Myton, Utah

LOCATION.--Lat 39°48'10", long 110°35'00", in SW¼ sec.3, T.12 S., R.12 E., Carbon County, on left bank 40 miles (64 km) southwest of Myton.

DRAINAGE AREA.--30 sq mi (78 km^2), approximately.

PERIOD OF RECORD.--August 1950 to September 1955, September 1957 to September 1973.

GAGE.--Water-stage recorder. Altitude of gage is 7,190 ft (2,192 m) by barometer.

AVERAGE DISCHARGE.--21 years, 5.32 ft^3/s (0.151 m^3/s), 3,850 acre-ft/yr (4.75 hm^3/yr).

EXTREMES.--Maximum discharge, 1,370 ft^3/s (38.8 m^3/s) Aug. 25, 1961 (gage height, 9.40 ft or 2.865 m), from rating curve extended above 110 ft^3/s (3.12 m^3/s) on basis of slope-area measurement of peak flow; no flow at times.

REMARKS.--Records fair except those for winter period and period of no gage-height record, which are poor. No diversion above station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1950	-	-	-	-	-	-	-	-	-	-	2.95	2.18	-
1951	1.95	1.65	1.25	0.98	0.91	2.45	4.39	6.43	4.10	1.51	1.51	.47	2.31
1952	.54	.85	.33	.27	.3	.3	37.7	101	27.3	8.34	4.73	3.19	15.4
1953	2.11	.53	.1	.1	.1	1.0	3.02	3.01	2.03	1.37	1.17	.50	1.26
1954	.44	.67	.57	.1	.82	3.08	5.15	3.55	1.94	1.06	.51	.69	1.55
1955	.70	.55	.28	0	0	.92	5.87	9.15	2.24	1.04	.99	.41	1.86
1958	1.34	1.25	1.20	.93	.80	1.18	12.7	72.8	14.4	3.87	1.70	1.38	9.56
1959	1.10	1.00	.93	.8	.7	.75	2.63	2.88	1.18	.54	.51	.50	1.13
1960	.47	.35	.2	.1	.1	2.66	4.41	6.76	2.12	.86	.35	.69	1.60
1961	2.17	.71	.40	.23	.15	.84	1.97	1.46	1.00	.42	2.11	1.60	1.09
1962	.78	.47	.40	.26	.57	2.18	58.9	42.1	7.66	3.05	1.45	2.55	10.0
1963	1.29	1.16	.65	.41	1.18	2.30	3.44	8.05	2.66	1.01	3.55	1.11	2.24
1964	.61	.62	0	0	0	.94	2.38	12.3	4.01	.94	.98	.36	1.94
1965	.22	.060	.026	.039	.036	.58	12.8	56.8	34.1	10.4	4.61	2.99	10.3
1966	2.60	2.45	1.34	1.14	.98	2.22	19.7	15.2	7.23	3.87	3.24	2.11	5.18
1967	1.37	1.14	.54	.51	.67	2.18	8.01	12.0	12.1	5.95	4.76	2.75	4.35
1968	1.79	1.67	1.50	1.10	1.38	3.91	19.0	54.3	33.3	7.29	4.99	2.74	11.1
1969	2.68	2.20	1.55	1.65	1.89	2.03	34.9	53.7	16.6	7.21	4.29	2.95	11.0
1970	2.49	1.93	1.61	1.67	2.27	3.12	3.79	7.26	3.70	1.42	.87	.81	2.58
1971	.76	.56	.29	.66	.88	2.12	4.70	8.93	3.69	.95	.77	.72	2.09
1972	1.77	1.40	1.40	1.60	1.88	6.74	8.09	8.15	3.67	1.26	.54	.55	3.09
1973	1.79	1.08	.86	.85	.99	1.84	10.9	93.9	16.8	6.89	4.55	2.64	12.1
						Monthly and yearly runoff, in acre-feet							
1950	-	-	-	-	-	-	-	-	-	-	181	130	-
1951	120	98	77	60	51	151	261	395	244	93	93	28	1,670
1952	33	51	20	16	17	18	2,240	6,190	1,620	513	291	190	11,200
1953	130	32	6.1	6.1	5.6	61	180	185	121	84	72	31	914
1954	27	40	35	6.1	46	189	306	219	115	65	31	41	1,120
1955	43	33	17	0	0	57	349	563	133	64	61	24	1,340
1958	82	75	74	57	44	72	758	4,470	858	238	105	82	6,920
1959	68	60	57	49	39	46	157	177	70	33	31	30	817
1960	29	21	12	6.1	5.8	164	262	416	126	53	22	41	1,160
1961	133	42	25	14	8.1	52	117	90	59	26	130	95	791
1962	48	28	25	16	32	134	3,500	2,590	456	187	89	152	7,260
1963	80	69	40	25	65	142	205	495	158	62	218	66	1,620
1964	37	37	0	0	0	58	142	758	239	58	60	22	1,410
1965	13	3.6	1.6	2.4	2.0	36	760	3,490	2,030	637	283	178	7,440
1966	160	146	82	70	54	137	1,170	935	430	238	199	125	3,750
1967	84	68	33	32	37	134	477	738	721	366	293	164	3,150
1968	110	100	92	67	79	241	1,130	3,340	1,980	448	307	163	8,060
1969	165	131	95	102	105	125	2,070	3,300	986	443	264	175	7,970
1970	153	115	99	103	126	192	226	446	220	87	54	48	1,870
1971	47	33	18	41	49	130	280	549	220	58	48	43	1,510
1972	109	83	86	98	108	414	481	501	218	77	33	33	2,240
1973	110	64	53	52	55	113	647	5,780	997	423	280	157	8,730

Table 12.--Summarized records of stream discharge at gaging stations--Continued

09309000 Minnie Maud Creek at Nutter Ranch, near Myton, Utah

LOCATION.--Lat 39°48'45", long 110°15'00", in SE¼ sec.32, T.11 S., R.15 E., on left bank 0.75 mile (1.21 km) upstream from Gate Canyon, 18 miles (29 km) north of Sunnyside, 22 miles (35 km) upstream from mouth, and 29 miles (47 km) south of Myton.

DRAINAGE AREA.--231 sq mi (598 km^2).

PERIOD OF RECORD.--July 1947 to September 1955, water year 1960 (annual maximum).

GAGE.--Crest-stage gage. Altitude of gage is 5,760 ft (1,756 m) by barometer. July 1947 to September 1955 water-stage recorder at same site and datum.

AVERAGE DISCHARGE.--8 years (1947-55), 20.4 ft^3/s (0.578 m^3/s), 14,770 acre-ft/yr (18.2 hm^3/yr).

EXTREMES.--1947-55, 1959-60: Maximum discharge, 1,370 ft^3/s (38.8 m^3/s) Aug. 25, 1955. 1947-55: No flow at times.

REMARKS.--Some diversions above station for irrigation above and below station.

Water year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Year
						Monthly and yearly mean discharge, in cubic feet per second							
1947	-	-	-	-	-	-	-	-	-	6.98	39.5	9.89	-
1948	7.98	7.61	5.00	7.03	10.4	19.0	37.1	31.7	6.45	3.08	5.81	4.83	12.2
1949	8.99	8.26	7.5	7.2	8.14	16.7	91.3	149	72.4	25.9	12.3	14.9	35.4
1950	18.6	15.9	13.0	11.0	12.0	21.1	83.0	100	34.3	38.9	10.1	9.91	30.8
1951	15.5	14.4	11.2	9	10.6	12.5	4.96	10.0	4.66	.62	4.05	3.73	8.43
1952	2.81	6.98	5.66	4.68	5.0	7.10	113	352	91.7	28.6	26.2	22.5	55.8
1953	18.7	11.5	8	8	7	12.5	19.5	2.30	1.09	2.59	5.15	.67	8.09
1954	5.24	9.37	7.07	4.7	8.47	9.94	14.5	1.75	1.57	.20	.77	8.85	5.98
1955	10.5	7.22	4.27	4.0	4.0	8.57	19.1	14.3	2.34	.30	5.72	1.62	6.84
						Monthly and yearly runoff, in acre-feet							
1947	-	-	-	-	-	-	-	-	-	429	2,430	588	-
1948	491	453	307	432	599	1,170	2,210	1,950	384	189	357	288	8,830
1949	553	492	461	443	452	1,030	5,430	9,190	4,310	1,590	755	885	25,590
1950	1,140	946	797	676	668	1,300	4,940	6,160	2,040	2,390	621	590	22,270
1951	956	855	686	553	589	767	295	615	277	38	249	222	6,100
1952	173	416	348	288	288	436	6,740	21,640	5,460	1,760	1,610	1,340	40,500
1953	1,150	684	492	492	389	772	1,160	141	65	159	317	40	5,860
1954	322	557	435	289	470	611	861	108	93	12	48	527	4,330
1955	645	430	263	246	222	527	1,130	882	139	19	352	96	4,950

Table 13.--Water quality at four key gaging stations

09261000 Green River near Jensen

LOCATION.--Lat 40°24'34", long 109°14'05", in NE¼SW¼ SE¼ sec. 5, T. 5 S., R. 24 E., Salt Lake meridian, Uintah County, at gaging station 300 ft (91 m) upstream from highway bridge, 1 mi (2 km) downstream from Cub Creek and Chew Ranch, 4 mi (6 km) southeast of Dinosaur National Monument headquarters, 6.5 mi (10.5 km) northeast of Jensen, 12 mi (19 km) upstream from Brush Creek, and 313.9 mi (505.1 km) from mouth.

DRAINAGE AREA.--25,400 mi² (65,786 km²), approximately.

PERIOD OF RECORD.--Chemical analyses: June 1947 to September 1952, April 1962 to June 1974.
Water temperatures: March 1949 to September 1959, October 1961 to June 1974.
Sediment records: May 1948 to June 1974.

EXTREMES FOR PERIOD OF RECORD.--Specific conductance (1947-52, 1962-74): Maximum daily, 2,330 micromhos Sept. 10, 1963; minimum daily, 176 micromhos May 24, 1963.
Water temperatures: Maximum, 30.0°C July 11, 1958; minimum (1949-59, 1961-64, 1965-74), freezing point on many days during winter period each year.
Sediment concentrations: Maximum daily, 40,600 mg/l Aug. 23, 1960; minimum daily, 9 mg/l Oct. 7-11, 1953, Nov. 22, 1962, Sept. 1, 1972.
Sediment loads: Maximum daily, 2,500,000 tons (2,268,000 t) Mar. 29, 1962; minimum daily, 10 tons (9 t) on many days in 1962-63.

REMARKS.--Chemical-quality samples and temperature data collected at site 8 mi (12.8 km) downstream from gaging station.

Discharge-weighted average analyses, water years[1/] 1962-69

Date of collection (water year)	Dissolved silica (SiO_2)	Dissolved calcium (Ca)	Dissolved magnesium (Mg)	Dissolved sodium (Na)	Dissolved potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Dissolved sulfate (SO_4)	Dissolved chloride (Cl)	Dissolved fluoride (F)	Dissolved boron (B) (µg/l)	Dissolved solids: Residue at 180°C	Dissolved solids: Sum of constituents	Specific conductance (micromhos per cm at 25°C)
	Milligrams per litre, unless otherwise noted													
1962	-	-	-	24	-	150	0	72	8.6	-	-	233	-	382
1963	-	-	-	42	-	153	-	99	23	-	-	316	-	492
1964	-	-	-	32	-	163	-	93	17	-	-	319	-	476
1965	-	-	-	42	-	160	-	129	17	-	-	356	-	539
1966	-	-	-	45	-	164	-	147	19	-	-	396	-	600
1967	-	-	-	47	-	161	-	163	22	-	-	414	-	607
1968	-	-	-	48[2/]		158	0	160	18	-	-	391	-	584
1969	-	-	-	46[2/]		159	0	147	20	-	-	391	-	589

Analyses of monthly samples, October 1969-June 1974

DATE	TIME	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)
OCT., 1969																						
14...	1230	2580	5.2	61	23	60	2.5	186	0	194	21	--	.00	.4	110	472	458	713	245	92	1.7	7.7
28...	1225	2540	2.9	57	22	62	2.7	180	0	170	23	--	--	--	--	451	429	677	231	83	1.8	8.1
NOV.																						
25...	1350	2520	--	57	23	51	1.8	182	0	163	23	--	--	--	--	455	408	677	236	87	1.5	8.0
DEC.																						
12...	1300	3760	--	53	29	53	2.5	183	0	180	23	--	--	--	--	450	430	694	252	102	1.5	2.3
JAN., 1970																						
13...	0950	2060	5.4	59	23	57	3.0	185	0	181	22	--	--	.3	110	450	444	691	242	90	1.6	7.9
FEB.																						
10...	1410	1620	6.6	56	23	52	2.6	196	0	158	26	--	.08	.3	140	435	422	657	234	74	1.5	8.1
MAR.																						
12...	1020	2340	5.4	59	23	65	2.5	192	4	192	28	--	.03	.3	120	502	476	695	242	78	1.8	8.3
APR.																						
17...	0930	3330	7.5	57	23	52	2.4	193	0	162	19	--	.00	.3	60	412	429	640	235	77	1.5	8.1
MAY																						
13...	1050	10100	9.6	39	12	20	1.9	152	0	59	7.5	--	.33	.2	40	220	227	340	147	22	.7	7.9
JUNE																						
15...	0835	13000	9.7	25	8.3	27	2.1	110	0	55	7.4	--	.02	.3	60	208	190	309	96	6	1.2	7.7
JULY																						
15...	0945	3970	6.3	41	16	36	2.4	141	0	100	16	--	--	.3	50	309	288	475	166	50	1.2	7.6
AUG.																						
14...	1130	2230	4.3	62	22	58	2.7	178	2	174	21	--	.03	.3	80	448	436	676	246	97	1.6	8.3
SEP.																						
16...	1700	1710	3.6	59	25	63	2.8	151	20	196	25	--	.00	.4	70	481	472	724	250	93	1.7	8.8
OCT.																						
09...	1130	1570	4.5	58	23	63	3.8	182	0	172	26	--	.00	.2	--	459	440	707	239	90	1.8	7.7
NOV.																						
18...	1155	2040	7.0	59	24	62	2.5	159	12	173	22	--	.00	.3	--	500	440	682	246	96	1.7	8.3
DEC.																						
09...	1150	1740	7.0	63	24	61	2.8	193	15	170	25	--	.00	.6	--	--	463	700	260	77	1.7	8.3
JAN., 1971																						
14...	1045	2300	9.0	58	22	55	2.6	188	0	180	26	.70	.01	.5	80	--	440	675	230	76	1.6	7.6
FEB.																						
22...	1330	1430	8.4	53	21	65	3.1	182	0	160	30	.10	.03	--	--	--	430	663	220	71	1.9	8.0

Table 13.--Water quality at four key gaging stations--Continued

09261000 Green River near Jensen--Continued
Analyses of monthly samples, October 1969-June 1974--Continued

DATE	TIME	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)
MAR., 1971																						
30...	1200	5640	--	38	13	43	3.7	146	0	120	10	.40	.03	--	--	--	301	487	150	29	1.5	7.5
APR.																						
20...	1200	9770	--	33	11	21	4.0	116	0	56	9.0	.50	.37	--	--	--	194	321	130	33	.8	7.5
MAY																						
11...	1230	10700	--	31	9.9	19	3.3	108	0	54	11	.30	.09	--	--	--	181	325	120	30	.8	7.6
JUNE																						
03...	1230	14000	--	25	7.2	27	1.5	107	0	58	6.6	.25	.09	--	30	--	179	301	92	4	1.2	8.1
JULY																						
01...	1300	8460	--	22	7.7	16	1.2	93	0	48	5.8	.06	.00	--	--	--	147	242	87	10	.7	8.0
AUG.																						
06...	1300	2270	--	61	23	62	2.8	169	0	190	23	7.3	.03	--	--	--	445	644	250	110	1.7	8.1
SEP.																						
01...	1130	2060	5.2	63	25	64	3.0	180	0	210	26	.32	.00	.8	150	--	487	767	260	110	1.7	7.9
OCT.																						
04...	1600	1930	6.7	61	25	62	2.7	205	0	200	19	.41	.00	.5	100	--	480	763	260	87	1.7	8.1
NOV.																						
02...	1500	2040	6.6	61	22	61	3.0	186	0	190	23	.35	.03	.2	90	--	460	719	240	90	1.7	8.1
DEC.																						
01...	1410	4290	--	57	23	59	3.2	177	0	190	20	.32	.03	--	--	--	441	703	240	92	1.7	8.1
JAN., 1972																						
04...	1400	1340	--	63	23	57	3.4	193	0	180	24	.34	.00	--	--	--	447	713	250	94	1.6	8.0
FEB.																						
08...	1530	1970	--	66	23	54	3.2	194	0	180	24	.25	.00	--	--	--	447	706	260	100	1.5	8.3
MAR.																						
13...	1330	3450	--	56	19	53	3.4	174	0	170	18	.43	.09	--	--	--	407	636	220	75	1.6	7.9
APR.																						
18...	1415	4080	10	46	16	32	2.4	149	0	110	13	.42	.09	.3	70	--	305	471	180	58	1.0	8.0
MAY																						
23...	1430	12680	8.3	35	11	22	1.6	116	0	76	7.6	.28	.06	.2	50	--	220	363	130	38	.8	6.8
JUNE																						
12...	1435	15200	7.7	35	10	22	1.8	116	0	83	6.2	.22	.12	.1	70	--	224	335	130	33	.8	8.2
AUG.																						
08...	1200	2290	3.3	66	24	53	2.8	188	0	190	18	.42	.00	.4	100	--	452	710	260	110	1.4	8.3
SEP.																						
05...	0900	1030	3.9	62	25	56	3.1	196	0	180	27	.38	.06	.3	110	--	456	730	260	97	1.5	8.2
OCT.																						
10...	0930	1250	4.4	60	23	53	2.7	192	0	170	25	.17	.03	.4	90	--	434	695	240	87	1.5	8.3
NOV.																						
06...	1025	3720	6.2	67	22	52	2.3	190	0	170	17	.56	.03	.5	90	--	433	695	260	100	1.4	7.6
DEC.																						
01...	0910	4080	4.2	62	23	51	2.5	191	0	170	17	.46	.03	.4	70	--	426	669	250	93	1.4	8.0
JAN., 1973																						
09...	1035	3750	5.6	55	22	49	2.9	173	0	170	17	.49	.09	.3	100	--	409	659	230	86	1.4	7.9
FEB.																						
13...	1030	3710	6.4	66	24	51	3.0	209	0	180	20	.54	.03	.4	110	--	456	706	260	92	1.4	8.2
APR.																						
09...	1000	3430	8.1	57	25	70	3.5	201	0	200	24	.60	.06	.3	140	--	490	752	250	80	1.9	8.1
MAY																						
03...	1000	10400	9.3	43	16	39	2.2	146	0	130	12	.79	.03	.3	90	--	327	505	170	54	1.3	7.6
JUNE																						
15...	1120	14110	8.8	44	8.2	14	1.1	95	0	41	5.3	.21	.03	.1	0	--	170	262	140	66	.5	7.4
JULY																						
02...	1000	7700	7.4	34	11	23	1.7	110	0	71	8.1	.19	.00	.2	50	--	212	355	130	40	.9	8.0
AUG.																						
06...	0950	3260	6.3	62	23	48	2.3	187	0	180	17	.58	.00	.5	80	--	434	682	250	96	1.3	8.0
SEP.																						
18...	1420	4280	5.6	65	24	59	2.7	179	9	180	21	.62	.03	.2	110	--	458	737	260	99	1.6	8.5
OCT.																						
31...	1155	2240	5.6	65	24	56	3.0	185	4	180	19	.87	.03	.3	110	--	452	732	260	100	1.5	8.6
DEC.																						
05...	1600	3930	6.5	64	24	51	2.7	186	0	180	18	.74	.03	.1	70	--	441	689	260	110	1.4	8.3
JAN., 1974																						
10...	1100	4840	6.6	66	25	53	2.6	184	0	190	18	.73	.03	.3	90	--	456	711	270	120	1.4	8.3
FEB.																						
27...	1500	1440	8.1	62	24	57	3.0	196	0	180	26	.51	.03	.3	110	--	459	720	250	93	1.6	8.3
MAR.																						
18...	1040	3320	9.4	56	23	72	3.8	176	0	190	26	.24	.21	.3	110	--	469	760	230	90	2.0	8.1
APR.																						
18...	0745	--	10	64	31	71	3.3	202	0	250	24	.57	.09	.4	100	--	556	856	290	120	1.8	8.3
MAY																						
16...	1100	--	9.5	26	8.5	13	1.4	93	--	46	4.3	.10	.03	.2	70	--	155	247	100	24	.6	7.5
JUNE																						
11...	1430	--	9.7	32	11	35	1.9	111	--	82	13	.22	.03	.3	80	--	241	395	130	34	1.4	7.7

Table 13.--Water quality at four key gaging stations--Continued

09302000 Duchesne River near Randlett

LOCATION.--Lat 40°12'57", long 109°47'05", in SE¼SE¼SE¼ sec. 17, T. 3 S., R. 2 E., Uintah meridian, Uintah County, at gaging station 0.2 mi (0.32 km) downstream from Uinta River, 1.2 mi (1.9 km) southeast of Randlett, and 6.5 mi (10.5 km) southeast of Fort Duchesne.

DRAINAGE AREA.--3,920 mi² (10,150 km²), approximately.

PERIOD OF RECORD.--Chemical analyses: December 1950 to September 1951, November 1956 to September 1973.
Water temperatures: December 1950 to September 1951, November 1956 to September 1973.

EXTREMES FOR PERIOD OF RECORD.--Specific conductance (1950-51, 1956-60, 1961-74): Maximum daily, 4,490 micromhos Aug. 24, 1960; minimum daily, 291 micromhos May 29, 1951.
Water temperatures: Maximum, 27.0°C July 15, 1968, July 6, 1973; minimum, freezing point on many days during winter period each year.

Discharge-weighted average analyses, water years 1951, 1957-69

Date of collection (water year)	Milligrams per litre, unless otherwise noted: Dissolved silica (SiO_2)	Dissolved calcium (Ca)	Dissolved magnesium (Mg)	Dissolved sodium (Na)	Dissolved potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Dissolved sulfate (SO_4)	Dissolved chloride (Cl)	Dissolved fluoride (F)	Dissolved boron (B) (µg/l)	Dissolved solids: Residue at 180°C	Dissolved solids: Sum of constituents	Specific conductance (micromhos per cm at 25°C)
1951	-	-	-	-	-	-	-	-	-	-	-	-	-	1,140
1957	13	72	34	96	2.3	222	-	269	48	0.5	393	-	646	961
1958	13	66	35	85	2.2	231	0	240	39	.4	353	620	-	909
1959	12	91	54	162	2.5	288	0	447	76	-	630	-	989	1,430
1960	13	85	49	136	2.5	276	0	389	60	-	530	872	-	1,270
1961	13	115	114	218	2.8	302	0	604	107	-	770	1,250	-	-
1962	-	-	-	79	-	227	1	228	36	-	-	582	-	865
1963	-	-	-	151	-	275	-	424	65	-	-	946	-	1,350
1964	-	-	-	103	-	234	-	288	47	-	-	695	-	974
1965	-	-	-	78	-	205	-	233	39	-	-	580	-	847
1966	-	-	-	121	-	257	-	354	61	-	-	830	-	1,190
1967	-	-	-	92	-	223	-	265	43	-	-	636	-	911
1968	-	-	-	99 2/		230	0	279	43	-	-	667	-	935
1969	-	-	-	89 2/		233	0	256	42	-	-	638	-	921

Analyses of monthly samples, October 1969-June 1974

DATE	TIME	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)
OCT., 1969																						
09...	1050	137	12	144	97	231	3.7	376	0	755	138	--	--	1.0	930	1720	1570	2180	760	452	3.6	7.9
27...	1515	443	10	102	63	154	3.0	325	0	498	71	--	--	--	--	--	1090	1470	513	246	3.0	8.0
NOV.																						
24...	1430	356	--	99	64	142	2.5	329	0	412	74	--	--	--	--	1070	956	1480	512	242	2.2	7.8
DEC.																						
11...	1445	365	--	96	61	124	2.0	310	0	390	82	--	--	--	--	995	907	1390	492	238	2.4	7.4
JAN., 1970																						
12...	1420	1240	10	77	41	81	2.1	249	0	267	42	--	.03	.4	260	655	644	977	361	157	1.9	8.0
FEB.																						
09...	1445	698	12	95	61	178	2.5	297	0	435	139	--	.31	.6	270	1120	1070	1610	489	245	3.5	8.1
MAR.																						
11...	1355	219	7.4	88	56	133	1.9	271	0	432	62	--	.08	.5	140	972	914	1340	450	228	2.7	8.2
APR.																						
16...	1300	68	16	185	118	429	3.6	394	0	1150	232	--	.00	1.0	100	2480	2330	3160	948	625	6.1	8.1
MAY																						
11...	1340	103	11	137	75	285	4.1	368	0	760	126	--	.02	.8	1100	1680	1580	2200	650	348	4.5	8.2
JULY																						
14...	1510	145	11	104	68	213	4.2	300	0	582	111	--	--	.8	920	1300	1240	1740	540	294	4.0	8.2
AUG.																						
17...	1410	53	11	135	83	341	4.1	329	4	845	164	--	--	.9	1100	1830	1750	2400	678	402	5.7	8.3
SEP.																						
16...	1130	69	9.2	132	102	320	4.3	290	24	930	155	--	.00	1.1	1100	1910	1820	2450	750	471	5.1	8.7
OCT.																						
13...	1610	165	10	131	90	258	6.5	342	0	759	100	--	.00	.9	--	1710	1520	2180	697	416	4.3	7.9
NOV.																						
17...	1105	230	13	136	72	212	3.0	338	0	688	60	--	.00	.7	--	1380	1350	1850	636	359	3.7	7.8
DEC.																						
08...	1550	125	18	170	100	330	3.9	382	0	970	120	--	.05	1.0	--	--	1900	2600	830	517	5.0	7.9
JAN., 1971																						
14...	1500	444	13	88	47	100	2.6	255	0	370	38	.80	.00	.7	410	--	780	1110	410	201	2.1	7.7
FEB.																						
19...	1500	473	12	89	49	120	2.4	280	0	340	54	.00	.02	--	--	--	803	1190	420	190	2.5	8.0
MAR.																						
26...	1300	289	--	99	50	97	2.7	279	0	390	62	.20	.06	--	--	--	839	1190	450	220	2.0	7.9
APR.																						
19...	1130	123	--	130	72	290	4.9	301	0	740	130	.10	.00	--	--	--	1520	2040	620	370	5.1	7.9
MAY																						
14...	1015	157	--	120	76	230	4.2	322	0	670	120	.30	.09	--	--	--	1380	2000	610	350	4.0	8.2
JUNE																						
04...	1000	1030	--	76	39	100	2.6	226	0	330	51	.18	.06	--	340	--	711	1070	350	160	2.3	7.9

Table 13.--Water quality at four key gaging stations--Continued

09302000 Duchesne River near Randlett--Continued
Analyses of monthly samples, October 1969-June 1974--Continued

DATE	TIME	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED ORTHO PHOSPHATE (PO4) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESIDUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	SPECIFIC CONDUCTANCE (MICROMHOS)	HARDNESS (CA,MG) (MG/L)	NON-CARBONATE HARDNESS (MG/L)	SODIUM ADSORPTION RATIO	PH (UNITS)
JULY, 1971																						
09...	1230	428	--	120	64	160	4.5	304	0	530	110	.14	.12	--	--	--	1140	1690	560	310	2.9	7.9
AUG.																						
18...	1200	47	--	140	79	320	4.6	336	0	850	180	.11	.03	--	--	--	1740	2300	670	400	5.4	8.0
SEP.																						
03...	1005	123	13	150	64	290	4.6	361	0	780	150	.24	.06	.6	810	--	1630	2290	640	340	5.0	7.9
OCT.																						
05...	1520	303	9.6	110	56	170	2.9	300	0	490	49	.07	.00	.4	760	--	1040	1500	500	260	3.3	8.0
NOV.																						
04...	1100	534	15	110	69	180	4.4	349	0	560	80	.33	.03	.6	530	--	1190	1720	560	270	3.3	8.0
JAN., 1972																						
06...	1430	420	--	100	48	110	2.3	292	0	360	53	.37	.00	--	--	--	819	1220	450	210	2.3	8.1
FEB.																						
10...	1345	631	--	83	33	67	1.9	228	0	220	32	.28	.00	--	--	--	550	826	340	160	1.6	8.2
MAR.																						
17...	1350	700	--	91	52	130	2.8	293	0	380	60	.02	.03	--	--	--	860	1250	440	200	2.7	8.2
APR.																						
19...	1140	133	7.5	110	66	220	2.6	302	0	600	120	.01	.03	.6	620	--	1280	1850	550	300	4.1	8.3
MAY																						
30...	1330	2500	6.3	32	13	31	1.7	110	0	91	16	.10	.34	.2	140	--	246	411	130	43	1.2	8.0
JUNE																						
14...	--	1970	10	46	25	56	2.5	158	0	170	30	.12	.06	.4	240	--	418	674	220	68	1.7	7.8
AUG.																						
09...	1200	52	13	140	80	280	4.8	322	0	810	140	.09	.06	.9	920	--	1630	2290	680	410	4.7	8.0
SEP.																						
07...	1105	76	13	140	78	280	4.7	340	0	800	140	.22	.03	.8	980	--	1630	2450	670	390	4.7	8.2
OCT.																						
05...	1700	128	11	130	77	290	3.3	336	0	860	100	.07	.03	.8	140	--	1640	2264	640	370	5.0	8.3
31...	--	512	15	100	60	150	3.2	322	0	440	63	.16	.18	.8	490	--	992	1480	500	230	2.9	8.2
DEC.																						
01...	--	641	9.4	76	40	89	1.9	271	0	270	31	.16	.03	.4	490	--	652	982	350	130	2.1	7.7
JAN., 1973																						
19...	0800	474	11	69	36	72	2.2	239	0	230	33	.12	.00	.4	280	--	572	899	320	120	1.8	7.9
MAR.																						
02...	1510	511	11	68	40	82	2.6	172	0	250	38	.22	.00	.4	270	--	578	675	330	190	2.0	7.9
22...	1000	1550	11	81	48	130	4.4	298	0	400	44	.19	.03	.4	580	--	867	1250	400	160	2.8	8.3
APR.																						
06...	1600	853	7.8	77	43	94	6.6	281	0	280	42	.17	.06	.3	480	--	691	1010	370	140	2.1	7.5
MAY																						
07...	1150	682	11	75	44	96	2.7	277	0	290	38	.09	.00	.6	560	--	695	1040	370	140	2.2	8.3
JUNE																						
28...	0745	738	10	73	38	00	3.1	217	0	310	54	.01	.00	.5	410	--	696	1060	340	160	2.4	7.9
JULY																						
06...	1220	163	16	130	84	270	4.5	333	0	670	200	.07	.03	.8	840	--	1540	2210	670	400	4.5	8.2
AUG.																						
02...	0840	253	16	97	57	150	3.9	283	0	430	120	.17	.15	.7	500	--	1020	1430	480	240	3.0	8.2
29...	0900	203	13	100	60	180	3.8	321	0	520	63	.04	.03	.7	980	--	1100	1620	500	230	3.5	8.3
SEP.																						
13...	1030	427	13	98	55	150	4.0	330	0	460	51	.09	.03	.4	810	--	995	1410	470	200	3.0	8.0
NOV.																						
08...	0800	469	16	120	83	190	5.2	368	5	570	82	.08	.25	.7	470	--	1250	1770	640	330	3.3	8.4
DEC.																						
03...	0900	497	12	89	48	98	2.6	289	0	330	41	.24	.12	.5	450	--	765	1150	420	180	2.1	8.2
JAN., 1974																						
25...	0900	513	11	66	35	66	2.2	278	0	160	24	.15	.15	.5	430	--	503	841	310	81	1.6	8.2
FEB.																						
22...	1400	487	11	72	39	82	2.3	258	0	260	41	.26	.09	.5	320	--	637	997	340	130	1.9	8.1
APR.																						
24...	1345	321	9.6	87	55	150	2.8	286	0	410	71	.04	.06	.6	550	--	928	1390	440	210	3.1	8.3
MAY																						
17...	1000	1070	6.9	42	22	48	1.8	171	0	140	14	.09	.06	.3	290	--	360	590	200	55	1.5	7.7
JUNE																						
04...	1030	1640	6.9	40	18	48	1.7	130	0	140	22	.12	.00	.1	250	--	342	553	170	67	1.6	7.4

09306500 White River near Watson

LOCATION.--Lat 39°58'46", long 109°10'41", in SE¼SW¼NE¼ sec. 2, T. 10 S., R. 24 E., Salt Lake meridian, Uintah County, at bridge on State Highway 45, 350 ft (110 m) upstream from gaging station, about 1 mi (2 km) downstream from Evacuation Creek, and 7 mi (11 km) north of Watson.

DRAINAGE AREA.--4,020 mi² (10,410 km²), approximately.

PERIOD OF RECORD.--Chemical analyses: December 1950 to June 1974.
Water temperatures: December 1950 to June 1974.

EXTREMES FOR PERIOD OF RECORD.--Specific conductance: Maximum daily, 4,450 micromhos Aug. 4, 1955; minimum daily, 295 micromhos June 26, 1971.
Water temperatures: Maximum, 31.0°C Aug. 8, 1954; minimum, freezing point on many days during winter period each year.

Discharge-weighted average analyses, water years 1960-69

Date of collection (water year)	Dissolved silica (SiO_2)	Dissolved calcium (Ca)	Dissolved magnesium (Mg)	Dissolved sodium (Na)	Dissolved potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Dissolved sulfate (SO_4)	Dissolved chloride (Cl)	Dissolved fluoride (F)	Dissolved boron (B) (µg/l)	Dissolved solids: Residue at 180°C	Dissolved solids: Sum of constituents	Specific conductance (micromhos per cm at 25°C)
	Milligrams per litre, unless otherwise noted													
1960	14	62	18	61	2.1	192	0	132	50	-	80	443	-	693
1961	16	68	19	69	2.2	201	0	146	60	-	80	490	-	765
1962	-	-	-	62	-	206	0	149	38	-	-	447	-	703
1963	-	-	-	81	-	214	1	165	66	-	-	529	-	828
1964	-	-	-	70	-	204	-	129	62	-	-	457	-	721
1965	-	-	-	63	-	202	-	143	48	-	-	457	-	707
1966	-	-	-	83	-	212	-	177	64	-	-	537	-	839
1967	-	-	-	72	-	209	-	148	56	-	-	490	-	760
1968	-	-	-	64 2/		203	0	138	51	-	-	475	-	713
1969	-	-	-	50 2/		203	0	128	30	-	-	408	-	623

Analyses of monthly samples, October 1969-June 1974

DATE	TIME	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (P04) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)
OCT., 1969																						
13...	1100	511	15	66	23	73	1.7	225	0	154	56	--	.00	.4	90	517	505	812	266	82	2.0	7.6
28...	1100	497	9.1	68	24	70	1.8	219	0	150	55	--	--	--	--	507	486	784	267	87	1.9	8.2
NOV.																						
25...	1020	405	--	72	24	52	1.7	237	0	144	30	--	--	--	--	487	441	739	277	83	1.4	8.1
DEC.																						
11...	1030	490	--	71	30	60	1.7	265	0	169	36	--	--	--	--	537	504	812	300	83	1.5	7.7
JAN., 1970																						
12...	0955	1470	16	89	31	72	2.1	300	0	185	34	--	.06	.3	80	592	578	862	351	105	1.7	7.9
FEB.																						
09...	0905	410	13	68	25	61	2.2	231	0	171	35	--	.24	.3	130	496	491	752	272	83	1.6	8.1
MAR.																						
11...	1050	384	11	79	31	74	2.0	320	0	197	34	--	.25	.3	80	565	566	837	324	62	1.8	8.2
APR.																						
16...	1055	419	16	72	28	64	1.9	253	5	185	27	--	.00	.4	60	519	524	785	294	80	1.6	8.4
MAY																						
12...	1040	1520	12	56	20	31	1.8	293	0	90	14	--	.35	.3	40	325	375	551	223	0	.9	.1
JUNE																						
11...	1330	3940	9.3	45	20	46	2.6	159	0	103	35	--	.03	.3	60	352	341	575	194	64	1.4	8.1
JULY																						
14...	0855	848	13	59	18	29	1.9	201	0	100	16	--	--	.3	40	360	336	540	222	57	.8	7.8
AUG.																						
17...	0910	451	14	63	24	47	1.8	226	4	138	24	--	.02	.3	50	434	427	660	254	62	1.3	8.4
SEP.																						
15...	1040	518	11	67	22	52	2.2	208	12	148	22	--	.01	.4	40	457	440	681	258	68	1.4	8.6
OCT.																						
13...	1130	585	16	70	26	49	3.0	235	0	158	21	--	.00	.4	--	477	460	715	282	89	1.3	7.9
NOV.																						
16...	1115	449	13	60	21	48	1.6	216	0	137	24	--	.00	.2	--	441	411	675	236	59	1.4	8.2
DEC.																						
08...	1130	436	15	71	24	51	1.4	219	3	150	26	--	.00	.4	--	--	450	681	280	95	1.3	8.3
JAN., 1971																						
13...	1230	460	19	82	26	63	2.9	258	0	200	31	.50	.05	.5	40	--	550	817	310	98	1.6	7.7
FEB.																						
23...	0945	370	13	72	24	60	1.5	233	0	150	35	.00	.05	--	--	--	470	765	280	89	1.6	8.0
MAR.																						
29...	1100	831	--	61	23	56	4.5	198	0	190	20	.70	.15	--	--	--	455	690	250	85	1.6	7.9
APR.																						
13...	1300	714	--	58	22	44	3.1	191	0	130	25	.00	.03	--	--	--	375	627	240	79	1.2	7.7
MAY																						
13...	1130	1110	--	48	14	22	1.3	158	0	78	15	.10	.06	--	--	--	256	453	180	48	.7	8.0

Table 13.--Water quality at four key gaging stations--Continued

09306500 White River near Watson--Continued
Analyses of monthly samples, October 1969-June 1974--Continued

DATE	TIME	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)
JUNE, 1971																						
07...	1145	1760	--	45	13	18	1.1	159	0	61	8.3	.16	.06	-	20	--	224	384	170	35	.6	8.0
JULY																						
07...	1110	1030	--	52	15	19	1.6	171	0	79	12	.04	.03	--	--	--	264	444	190	51	.6	8.1
AUG.																						
16...	1115	309	--	62	24	55	2.1	214	0	150	33	.05	.03	--	--	--	342	678	250	78	1.5	8.0
SEP.																						
02...	1230	414	16	69	25	68	3.3	270	0	170	29	.52	.06	.2	100	--	516	807	280	54	1.8	7.8
OCT.																						
01...	1410	428	14	65	20	39	1.4	211	0	140	22	.04	.00	.2	60	--	406	651	240	72	1.1	8.1
NOV.																						
03...	1530	469	16	70	22	88	2.6	226	0	160	83	.02	.03	.2	90	--	553	891	270	80	2.4	8.0
DEC.																						
02...	1510	396	--	63	22	56	1.5	217	0	150	29	.01	.03	--	--	--	429	706	250	70	1.5	8.2
JAN., 1972																						
05...	1550	329	--	65	24	61	1.9	250	0	160	35	.18	.00	--	--	--	470	857	260	56	1.6	7.7
FEB.																						
09...	1545	670	--	100	23	57	1.9	215	0	160	40	.17	.00	--	--	--	488	754	340	170	1.3	8.0
MAR.																						
16...	1300	470	--	70	22	62	1.9	219	0	160	39	.04	.03	--	--	--	463	752	270	86	1.7	8.2
APR.																						
17...	1445	496	13	58	18	44	1.5	150	0	130	42	.04	.00	.3	50	--	381	535	220	96	1.3	8.0
MAY																						
22...	1150	1890	12	41	11	16	1.4	143	0	61	12	.51	.03	.2	30	--	227	365	150	30	.6	7.7
JUNE																						
13...	1400	2180	13	38	11	14	1.3	132	0	52	8.2	.12	.03	.2	30	--	203	328	140	32	.5	7.9
JULY																						
24...	1150	222	11	67	28	65	2.2	212	0	190	42	.00	.00	.3	100	--	510	804	280	110	1.7	7.9
AUG.																						
15...	1025	196	13	62	28	75	2.7	221	0	200	44	.04	.06	.3	90	--	534	842	270	89	2.0	8.3
SEP.																						
06...	1130	360	15	73	28	51	3.2	240	0	170	34	.02	.09	.3	70	--	493	775	300	100	1.3	8.3
OCT.																						
11...	1145	452	19	67	21	51	1.7	201	0	150	35	.04	.03	.3	70	--	444	697	250	89	1.4	8.1
NOV.																						
03...	1500	456	15	75	23	55	1.5	222	0	150	32	.03	.06	.4	70	--	461	729	280	100	1.4	7.5
DEC.																						
14...	1430	239	15	68	25	73	2.4	215	0	170	54	.04	.03	.3	90	--	514	825	270	96	1.9	7.4
JAN., 1973																						
15...	1530	548	18	72	23	62	1.6	214	0	150	42	.23	.25	.5	50	--	476	703	270	99	1.6	7.7
FEB.																						
21...	1300	296	17	76	24	100	2.6	314	0	170	65	.22	.09	.4	90	--	611	978	290	31	2.6	8.1
MAR.																						
16...	1400	900	13	69	25	150	4.1	243	0	190	140	.22	.24	.4	140	--	713	1160	280	76	3.9	8.1
APR.																						
16...	1400	493	13	77	34	99	2.9	248	0	260	65	.11	.06	.3	130	--	674	1000	330	130	2.4	8.3
MAY																						
04...	1305	700	14	67	26	62	2.4	224	0	180	35	.24	.15	.4	90	--	499	774	270	91	1.6	8.2
JUNE																						
14...	1250	3470	11	26	11	20	1.3	148	0	51	11	.24	.00	.2	10	--	206	358	110	0	.8	7.1
JULY																						
05...	1600	1230	14	52	17	31	1.4	187	0	84	15	.04	.06	.3	50	--	307	499	200	46	1.0	7.9
SEP.																						
07...	1400	418	14	64	32	88	2.3	254	0	190	61	.02	.09	.3	110	--	577	904	290	83	2.2	8.2
OCT.																						
05...	1200	487	13	67	27	64	2.0	234	0	180	32	.01	.18	.2	50	--	501	765	280	87	1.7	8.2
NOV.																						
07...	1300	486	14	70	26	70	1.9	250	3	160	39	.04	.31	.2	80	--	508	834	280	72	1.8	8.4
DEC.																						
07...	1400	355	16	83	31	83	2.3	283	0	200	46	.08	.12	.3	90	--	602	951	340	100	2.0	8.3
JAN., 1974																						
16...	1300	530	15	68	23	57	2.2	227	0	150	36	.49	.03	.2	60	--	466	755	260	74	1.5	8.0
FEB.																						
26...	1700	575	16	72	27	70	2.0	264	0	190	43	.12	.09	.3	90	--	551	870	290	74	1.8	8.0
MAR.																						
15...	1410	1190	9.8	67	28	100	4.2	218	0	270	38	.04	.25	.7	120	--	626	970	280	100	2.6	7.5
APR.																						
17...	1300	713	11	61	25	140	3.5	224	0	320	34	.28	.09	.5	150	--	707	1050	260	72	3.8	8.0
JUNE																						
19...	1650	1930	13	39	12	22	1.5	146	0	59	10	.05	.09	.2	60	--	229	382	150	27	.8	7.6

Table 13.--Water quality at four key gaging stations--Continued

09307000 Green River near Ouray

LOCATION.--Lat 40°04'20", long 109°43'40", in NE¼NE¼NE¼ sec. 11, T. 5 S., R. 2 E., Uintah meridian, Uintah County, at gaging station 2.8 mi (4.5 km) upstream from Willow Creek and 3 mi (5 km) southwest of Ouray.

DRAINAGE AREA.--35,500 mi^2 (91,945 km^2), approximately.

RECORDS AVAILABLE.--Chemical analyses: December 1950 to September 1952, November 1956 to October 1966.
Water temperatures: December 1950 to September 1952, November 1956 to September 1961, October 1964 to October 1966.
Sediment records: December 1950 to September 1955, November 1956 to October 1966.

EXTREMES FOR PERIOD OF RECORD.--Dissolved solids (1958-66): Maximum, 1,380 mg/l Aug. 20-22, 1963; minimum, 168 mg/l May 12-31, 1963.
Hardness (1958-66): Maximum, 640 mg/l Sept. 13, 1963; minimum, 111 mg/l May 12, 1963.
Specific conductance (1958-66): Maximum daily, 2,030 micromhos Aug. 21, 1963; minimum daily, 268 micromhos June 6, 1961.
Water temperatures (1950-52, 1956-61): Maximum, 29.0°C Aug. 14, 1960; minimum, freezing point on several days during winter months.
Sediment concentrations: Maximum daily, 69,700 mg/l Aug. 31, 1957; minimum daily, 67 mg/l Aug. 19, 1960.
Sediment loads: Maximum daily, 1,110,000 tons (1,007,000 t) Aug. 31, 1957; minimum daily, 72 tons (65.3 t) Dec. 12, 1961.

Discharge-weighted average analyses, water years 1960-65

Date of collection (water year)	Milligrams per litre, unless otherwise noted													Specific conductance (micromhos per cm at 25°C)
	Dissolved silica (SiO_2)	Dissolved calcium (Ca)	Dissolved magnesium (Mg)	Dissolved sodium (Na)	Dissolved potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Dissolved sulfate (SO_4)	Dissolved chloride (Cl)	Dissolved fluoride (F)	Dissolved boron (B) (µg/l)	Dissolved solids: Residue at 180°C	Dissolved solids: Sum of constituents	
1960	13	48	15	44	2.2	158	0	120	20	0.4	100	350	-	541
1961	13	54	18	53	2.4	167	1	142	28	.4	130	401	-	613
1962	-	-	-	32	-	168	0	84	14	-	-	291	-	464
1963	-	-	-	68	-	177	0	175	36	-	-	456	-	712
1964	-	-	-	52	-	190	-	135	26	-	-	399	-	607
1965	-	-	-	49	-	179	-	148	22	-	-	419	-	628
1966	-	-	-	63	-	182	-	194	28	-	-	473	-	711

1/ The term "water year" applies to the 12-month period from October 1 to September 30 and is designated by the calendar year in which it ends.
2/ Figure for dissolved sodium plus potassium.

Station number: See data-site numbering systems in text. See table 11 for name of station and table 12 for summary of discharge records.
Date: Given as year-month-day.
Specific conductance: In micromhos per centimetre at 25°C.

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO_3) (MG/L)	CARBONATE (CO_3) (MG/L)	DISSOLVED SULFATE (SO_4) (MG/L)
09261500	50-08-05	1700	13.0	2.0	4.2	4.4	1.3	.7	--	1.6	18	0	2.6
	73-09-19	1250	8.5	5.0	4.4	9.0	1.3	1.1	--	.6	27	0	4.6
09262000	71-08-02	0800	11.0	27	--	--	--	--	--	--	--	--	--
	71-09-01	0745	11.0	26	--	--	--	--	--	--	--	--	--
	71-10-01	1510	10.0	24	--	--	--	--	--	--	--	--	--
	71-11-04	0900	1.5	15	--	--	--	--	--	--	--	--	--
	71-12-02	0840	.0	14	--	--	--	--	--	--	--	--	--
	72-01-12	--	--	14	--	--	--	--	--	--	--	--	--
	72-02-08	1545	3.0	14	--	--	--	--	--	--	--	--	--
	72-03-27	1100	4.0	21	--	--	--	--	--	--	--	--	--
	72-04-20	0725	5.0	27	--	--	--	--	--	--	--	--	--
	72-05-20	1230	9.0	176	--	--	--	--	--	--	--	--	--
	72-06-13	--	--	53	--	--	--	--	--	--	--	--	--
	72-07-05	1315	16.0	19	--	--	--	--	--	--	--	--	--
	72-08-01	1325	19.0	24	--	--	--	--	--	--	--	--	--
	72-09-08	1255	15.0	18	--	--	--	--	--	--	--	--	--
	72-10-06	1330	11.0	14	--	--	--	--	--	--	--	--	--
	72-11-13	1100	4.0	14	--	--	--	--	--	--	--	--	--
	72-12-06	1230	.0	16	--	--	--	--	--	--	--	--	--
	73-01-15	1300	.0	14	--	--	--	--	--	--	--	--	--
	73-02-28	1400	4.0	13	--	--	--	--	--	--	--	--	--
	73-05-14	1145	7.0	232	--	--	--	--	--	--	--	--	--
	73-05-23	1500	8.0	296	--	--	--	--	--	--	--	--	--
	73-06-20	0810	8.0	258	--	--	--	--	--	--	--	--	--
	73-07-06	1530	18.0	48	--	--	--	--	--	--	--	--	--
	73-08-01	1500	17.5	39	--	--	--	--	--	--	--	--	--
	73-09-12	1320	13.0	30	--	--	--	--	--	--	--	--	--
	73-10-03	1330	10.0	23	--	--	--	--	--	--	--	--	--
	73-11-09	1445	8.0	17	--	--	--	--	--	--	--	--	--
	73-12-06	0900	.0	16	--	--	--	--	--	--	--	--	--
	74-01-17	1500	.0	15	--	--	--	--	--	--	--	--	--
	74-03-28	1400	18.0	13	--	--	--	--	--	--	--	--	--
	74-04-16	1500	13.0	14	--	--	--	--	--	--	--	--	--
	74-05-09	1500	10.0	199	--	--	--	--	--	--	--	--	--
	74-06-05	0845	9.0	109	--	--	--	--	--	--	--	--	--
09263000	50-08-05	1600	--	25	3.4	4.2	1.2	.7	--	1.4	17	0	3.6
09265000	57-10-21	--	--	13	--	--	--	--	--	--	15	0	--
09265300	71-08-06	0800	10.0	24	--	--	--	--	--	--	--	--	--
	71-09-13	0820	8.0	13	--	--	--	--	--	--	--	--	--
	71-10-05	0900	4.0	15	--	--	--	--	--	--	--	--	--
	72-05-03	1015	1.5	51	--	--	--	--	--	--	--	--	--
	72-05-25	0810	3.0	314	--	--	--	--	--	--	--	--	--
	72-06-16	--	9.0	214	--	--	--	--	--	--	--	--	--
	72-07-11	0820	10.0	46	--	--	--	--	--	--	--	--	--
	72-08-15	0845	11.0	13	--	--	--	--	--	--	--	--	--
	72-09-12	1000	--	11	--	--	--	--	--	--	--	--	--
	72-10-10	0810	6.0	35	--	--	--	--	--	--	--	--	--
	73-05-30	1230	7.0	493	--	--	--	--	--	--	--	--	--
	73-06-18	0930	2.0	248	--	--	--	--	--	--	--	--	--
	73-07-20	1000	10.0	190	--	--	--	--	--	--	--	--	--
	73-08-08	0715	9.0	60	--	--	--	--	--	--	--	--	--
	73-09-14	0830	7.0	44	--	--	--	--	--	--	--	--	--
	73-10-08	0900	5.0	15	--	--	--	--	--	--	--	--	--
	74-05-08	1000	2.0	345	--	--	--	--	--	--	--	--	--
	74-06-12	1245	13.0	77	--	--	--	--	--	--	--	--	--
09266500	55-08-12	--	--	57	6.1	23	4.1	1.7	--	.0	84	0	7.0
	57-10-21	--	7.5	54	5.2	19	3.9	1.4	--	--	78	0	5.0
	58-05-20	--	--	610	4.4	9.6	1.2	--	2.0	--	32	0	5.6
	58-09-03	--	--	49	6.7	22	4.9	--	2.3	--	91	0	2.7
	71-08-06	1220	11.0	71	--	--	--	--	--	--	--	--	--
	71-09-13	1110	12.0	61	--	--	--	--	--	--	--	--	--
	71-10-05	1240	9.0	35	--	--	--	--	--	--	--	--	--
	71-11-02	1320	6.0	37	--	--	--	--	--	--	--	--	--
	71-12-01	1340	6.0	30	--	--	--	--	--	--	--	--	--
	72-01-11	0930	6.0	25	--	--	--	--	--	--	--	--	--
	72-02-09	0850	5.0	22	--	--	--	--	--	--	--	--	--
	72-03-28	0730	6.0	22	--	--	--	--	--	--	--	--	--
	72-04-19	1440	6.5	44	--	--	--	--	--	--	--	--	--
	72-05-17	1340	6.5	478	--	--	--	--	--	--	--	--	--
	72-06-16	--	9.0	214	--	--	--	--	--	--	--	--	--
	72-07-11	1145	11.0	132	--	--	--	--	--	--	--	--	--
	72-08-15	1330	14.0	57	--	--	--	--	--	--	--	--	--
	72-09-12	1300	11.0	60	--	--	--	--	--	--	--	--	--
	72-10-10	1350	9.0	46	--	--	--	--	--	--	--	--	--
	72-11-09	0820	6.0	54	--	--	--	--	--	--	--	--	--
	72-12-07	0900	5.5	31	--	--	--	--	--	--	--	--	--
	73-01-15	0900	5.5	21	--	--	--	--	--	--	--	--	--
	73-02-28	1120	7.5	17	--	--	--	--	--	--	--	--	--
	73-04-11	0900	6.0	17	--	--	--	--	--	--	--	--	--
	73-05-14	1430	7.0	410	--	--	--	--	--	--	--	--	--

from sites at gaging stations

Agency analyzing sample: U.S. Geological Survey unless noted: BR, U.S. Bureau of Reclamation; DH, Utah Division of Health; SL, U.S. Salinity Laboratory; SU, Utah State University.

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.4	--	.40	.00	--	.2	0	--	25	36	16	2	.1	7.2	
2.0	.06	--	--	.03	.0	20	--	37	57	29	7	.1	8.1	
--	--	--	--	--	--	--	--	--	300	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	610	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	290	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	425	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	690	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	525	--	--	--	--	
--	--	--	--	--	--	--	--	--	225	--	--	--	--	
--	--	--	--	--	--	--	--	--	220	--	--	--	--	
--	--	--	--	--	--	--	--	--	210	--	--	--	--	
--	--	--	--	--	--	--	--	--	335	--	--	--	--	
--	--	--	--	--	--	--	--	--	340	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
--	--	--	--	--	--	--	--	--	510	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	620	--	--	--	--	
--	--	--	--	--	--	--	--	--	600	--	--	--	--	
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
.4	--	.40	.00	--	.2	0	--	24	35	15	2	.1	7.3	
--	--	--	--	--	--	--	--	--	38	10	0	--	6.9	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	65	--	--	--	--	
--	--	--	--	--	--	--	--	--	65	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	140	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
2.8	--	--	--	--	--	--	--	86	157	74	5	.1	7.3	
--	--	--	--	--	--	--	--	--	132	64	0	.1	7.6	
.5	--	.70	--	--	--	--	--	40	58	29	3	.2	7.5	
.8	--	.60	--	--	--	--	93	85	153	74	0	.1	7.6	
--	--	--	--	--	--	--	--	--	140	--	--	--	--	
--	--	--	--	--	--	--	--	--	135	--	--	--	--	
--	--	--	--	--	--	--	--	--	140	--	--	--	--	
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
--	--	--	--	--	--	--	--	--	185	--	--	--	--	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
--	--	--	--	--	--	--	--	--	195	--	--	--	--	
--	--	--	--	--	--	--	--	--	115	--	--	--	--	
--	--	--	--	--	--	--	--	--	125	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
--	--	--	--	--	--	--	--	--	370	--	--	--	--	
--	--	--	--	--	--	--	--	--	140	--	--	--	--	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	180	--	--	--	--	
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
--	--	--	--	--	--	--	--	--	230	--	--	--	--	
--	--	--	--	--	--	--	--	--	260	--	--	--	--	
--	--	--	--	--	--	--	--	--	1710	--	--	--	--	
--	--	--	--	--	--	--	--	--	120	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09266500--	73-05-24	0900	4.0	909	--	--	--	--	--	--	--	--	--
CONT.	73-06-18	1520	8.0	328	--	--	--	--	--	--	--	--	--
	73-07-23	0900	10.0	156	--	--	--	--	--	--	--	--	--
	73-08-08	1100	11.0	110	--	--	--	--	--	--	--	--	--
	73-09-14	1320	11.0	101	--	--	--	--	--	--	--	--	--
	73-10-08	1300	8.0	62	--	--	--	--	--	--	--	--	--
	73-11-16	0950	5.5	24	--	--	--	--	--	--	--	--	--
	74-01-17	0850	6.0	20	--	--	--	--	--	--	--	--	--
	74-03-14	0800	5.0	16	--	--	--	--	--	--	--	--	--
	74-04-12	0715	6.5	17	--	--	--	--	--	--	--	--	--
	74-05-08	--	8.0	470	--	--	--	--	--	--	--	--	--
	74-06-12	1700	9.0	97	--	--	--	--	--	--	--	--	--
09267500	71-09-03	0910	6.0	14	--	--	--	--	--	--	--	--	--
	71-10-07	0740	3.0	16	--	--	--	--	--	--	--	--	--
	71-11-12	1100	.0	.10	--	--	--	--	--	--	--	--	--
	72-05-26	0800	3.0	15	--	--	--	--	--	--	--	--	--
	72-06-12	--	--	21	--	--	--	--	--	--	--	--	--
	72-07-10	0950	10.0	19	--	--	--	--	--	--	--	--	--
	72-09-13	0930	5.0	8.4	--	--	--	--	--	--	--	--	--
	72-10-09	0745	.0	11	--	--	--	--	--	--	--	--	--
	72-11-01	1300	.0	.20	--	--	--	--	--	--	--	--	--
	72-11-12	1250	5.0	1.8	--	--	--	--	--	--	--	--	--
	72-12-03	1530	3.0	1.4	--	--	--	--	--	--	--	--	--
	73-01-10	1510	1.0	.60	--	--	--	--	--	--	--	--	--
	73-03-27	0735	.5	.60	--	--	--	--	--	--	--	--	--
	73-06-12	--	--	9.9	--	--	--	--	--	--	--	--	--
	73-06-19	0900	2.0	7.3	--	--	--	--	--	--	--	--	--
	73-07-06	0830	11.0	20	--	--	--	--	--	--	--	--	--
	73-07-10	0845	12.0	11	--	--	--	--	--	--	--	--	--
	73-07-19	0900	9.0	29	--	--	--	--	--	--	--	--	--
	73-08-02	0610	9.0	19	--	--	--	--	--	--	--	--	--
	73-08-09	0710	11.0	4.3	--	--	--	--	--	--	--	--	--
	73-09-13	0800	5.0	14	--	--	--	--	--	--	--	--	--
	73-10-09	0800	.0	9.5	--	--	--	--	--	--	--	--	--
	73-12-17	0900	.0	1.6	--	--	--	--	--	--	--	--	--
	74-03-20	1430	--	.05	--	--	--	--	--	--	--	--	--
	74-05-07	1030	5.0	3.4	--	--	--	--	--	--	--	--	--
	74-06-04	1345	9.0	20	--	--	--	--	--	--	--	--	--
09268000	54-07-28	1750	16.0	24	--	--	--	--	--	--	12	0	--
	55-07-26	1000	14.5	12	3.6	3.1	.6	1.3	--	.5	12	0	3.0
	55-08-18	--	15.5	--	3.3	3.5	.8	.8	--	.0	14	0	3.0
	71-08-03	0830	11.0	10	--	--	--	--	--	--	--	--	--
	71-09-10	0850	8.0	15	--	--	--	--	--	--	--	--	--
	71-10-06	1015	4.5	8.4	--	--	--	--	--	--	--	--	--
	72-04-17	1050	3.0	14	--	--	--	--	--	--	--	--	--
	72-06-01	0750	5.0	324	--	--	--	--	--	--	--	--	--
	72-07-07	0830	10.0	14	--	--	--	--	--	--	--	--	--
	72-08-08	0740	11.0	5.5	--	--	--	--	--	--	--	--	--
	72-09-11	0900	9.0	7.3	--	--	--	--	--	--	--	--	--
	72-10-03	0840	6.0	6.0	--	--	--	--	--	--	--	--	--
	72-11-13	1330	.0	27	--	--	--	--	--	--	--	--	--
	73-04-03	1000	.0	5.0	--	--	--	--	--	--	--	--	--
	73-05-17	0830	3.0	181	--	--	--	--	--	--	--	--	--
	73-07-16	0840	10.0	73	--	--	--	--	--	--	--	--	--
	73-08-03	0810	9.0	43	--	--	--	--	--	--	--	--	--
	73-09-18	0810	7.0	13	--	--	--	--	--	--	--	--	--
	73-10-30	0840	.0	7.0	--	--	--	--	--	--	--	--	--
	74-05-13	1000	2.5	134	--	--	--	--	--	--	--	--	--
	74-06-14	1645	13.0	15	--	--	--	--	--	--	--	--	--
09268500	55-08-18	--	11.0	4.7	5.2	3.1	1.3	1.0	--	.0	14	0	3.0
	71-08-03	1100	7.0	8.3	--	--	--	--	--	--	--	--	--
	71-09-10	1110	7.0	4.3	--	--	--	--	--	--	--	--	--
	71-10-06	1215	5.0	3.7	--	--	--	--	--	--	--	--	--
	71-11-11	0800	.0	1.0	--	--	--	--	--	--	--	--	--
	72-03-21	1315	4.0	2.0	--	--	--	--	--	--	--	--	--
	72-04-17	1400	3.0	4.4	--	--	--	--	--	--	--	--	--
	72-05-22	1300	5.0	37	--	--	--	--	--	--	--	--	--
	72-05-31	1300	8.0	39	--	--	--	--	--	--	--	--	--
	72-07-07	1040	9.0	9.6	--	--	--	--	--	--	--	--	--
	72-08-01	1120	10.0	3.8	--	--	--	--	--	--	--	--	--
	72-09-11	1100	8.0	2.8	--	--	--	--	--	--	--	--	--
	72-10-03	1100	6.5	2.0	--	--	--	--	--	--	--	--	--
	72-11-02	1600	1.0	5.3	--	--	--	--	--	--	--	--	--
	73-04-03	1330	.5	.80	--	--	--	--	--	--	--	--	--
	73-05-17	1255	4.0	64	--	--	--	--	--	--	--	--	--
	73-06-13	1300	7.0	51	--	--	--	--	--	--	--	--	--
	73-08-03	1020	8.0	14	--	--	--	--	--	--	--	--	--
	73-09-18	1030	6.0	5.0	--	--	--	--	--	--	--	--	--
	73-10-30	1120	2.0	2.6	--	--	--	--	--	--	--	--	--
	74-04-30	1610	5.0	2.2	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
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Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09268500--	74-05-13	1200	3.0	18	--	--	--	--	--	--	--	--	--
CONT.	74-06-13	1350	8.5	5.9	--	--	--	--	--	--	--	--	--
09268900	71-08-03	1300	7.0	13	--	--	--	--	--	--	--	--	--
	71-09-10	1300	8.0	6.3	--	--	--	--	--	--	--	--	--
	71-10-06	1500	5.0	4.5	--	--	--	--	--	--	--	--	--
	71-11-11	1000	.0	1.4	--	--	--	--	--	--	--	--	--
	72-03-28	1400	.0	4.4	--	--	--	--	--	--	--	--	--
	72-04-17	1530	3.0	4.9	--	--	--	--	--	--	--	--	--
	72-05-22	1500	4.0	70	--	--	--	--	--	--	--	--	--
	72-05-31	1500	9.0	91	--	--	--	--	--	--	--	--	--
	72-07-07	1255	9.0	13	--	--	--	--	--	--	--	--	--
	72-08-08	1400	9.0	--	--	--	--	--	--	--	--	--	--
	72-09-11	1400	9.0	4.6	--	--	--	--	--	--	--	--	--
	72-10-03	1400	7.0	4.0	--	--	--	--	--	--	--	--	--
	72-10-03	1400	7.0	--	--	--	--	--	--	--	--	--	--
	72-11-03	--	--	9.2	--	--	--	--	--	--	--	--	--
	73-05-10	1045	2.0	17	--	--	--	--	--	--	--	--	--
	73-05-22	1500	4.0	11	--	--	--	--	--	--	--	--	--
	73-07-16	1500	9.0	27	--	--	--	--	--	--	--	--	--
	73-08-03	1420	8.0	26	--	--	--	--	--	--	--	--	--
	73-09-18	1220	5.5	8.5	--	--	--	--	--	--	--	--	--
	73-10-30	1345	1.0	6.3	--	--	--	--	--	--	--	--	--
	74-04-15	1600	.0	1.6	--	--	--	--	--	--	--	--	--
	74-05-13	1415	5.0	44	--	--	--	--	--	--	--	--	--
	74-06-13	1045	4.5	14	--	--	--	--	--	--	--	--	--
09269500	54-07-28	1400	16.5	11	--	--	--	--	--	--	20	0	--
09270000	47-05-12	1700	--	--	--	9.0	1.3	--	.9	--	28	0	3.3
	55-08-18	--	11.5	--	4.8	3.5	4.7	.9	--	.0	12	0	4.0
	58-05-20	--	--	436	4.2	7.2	1.2	--	2.2	--	26	0	4.9
09270500	54-07-28	0915	16.5	--	--	--	--	--	--	--	370	--	157
	55-08-11	1400	20.5	--	22	95	38	8.0	--	4.6	284	0	168
	71-08-03	1525	21.0	3.2	--	--	--	--	--	--	--	--	--
	71-10-08	1030	12.0	3.8	--	--	--	--	--	--	--	--	--
	71-11-02	1050	.0	3.7	--	--	--	--	--	--	--	--	--
	71-12-01	1040	.5	3.8	--	--	--	--	--	--	--	--	--
	72-01-11	1500	.0	2.6	--	--	--	--	--	--	--	--	--
	72-02-09	1250	.0	3.7	--	--	--	--	--	--	--	--	--
	72-03-21	0750	1.5	1.0	--	--	--	--	--	--	--	--	--
	72-04-19	1135	5.0	1.1	--	--	--	--	--	--	--	--	--
	72-05-17	1000	8.0	7.1	--	--	--	--	--	--	--	--	--
	72-05-26	1330	10.0	243	--	--	--	--	--	--	--	--	--
	72-06-13	0800	10.0	125	--	--	--	--	--	--	--	--	--
	72-07-12	--	14.0	4.8	--	--	--	--	--	--	--	--	--
	72-08-09	--	--	2.3	--	--	--	--	--	--	--	--	--
	72-09-13	1430	19.0	.90	--	--	--	--	--	--	--	--	--
	72-10-09	1130	15.0	1.6	--	--	--	--	--	--	--	--	--
	72-10-09	1130	15.0	--	--	--	--	--	--	--	--	--	--
	72-11-13	1530	4.0	4.4	--	--	--	--	--	--	--	--	--
	72-12-07	1045	.0	3.6	--	--	--	--	--	--	--	--	--
	73-01-18	0800	.0	2.2	--	--	--	--	--	--	--	--	--
	73-03-01	0800	.0	1.6	--	--	--	--	--	--	--	--	--
	73-04-11	1040	9.0	3.8	--	--	--	--	--	--	--	--	--
	73-05-17	1600	11.0	164	--	--	--	--	--	--	--	--	--
	73-06-19	1330	11.0	217	--	--	--	--	--	--	--	--	--
	73-07-05	0930	15.0	85	--	--	--	--	--	--	--	--	--
	73-08-09	0540	12.0	27	--	--	--	--	--	--	--	--	--
	73-09-06	0910	13.0	6.7	--	--	--	--	--	--	--	--	--
	73-10-04	0730	8.0	3.2	--	--	--	--	--	--	--	--	--
	73-11-15	0810	1.0	4.0	--	--	--	--	--	--	--	--	--
	73-12-03	1600	.5	4.0	--	--	--	--	--	--	--	--	--
	74-01-17	1100	.0	4.1	--	--	--	--	--	--	--	--	--
	74-03-14	1040	3.0	3.4	--	--	--	--	--	--	--	--	--
	74-06-12	0930	15.0	.40	--	--	--	--	--	--	--	--	--
09271000	47-05-12	1730	--	763	--	14	1.3	--	6.9	--	52	0	9.1
	49-07-02	--	--	240	--	18	1.5	.9	--	1.2	66	--	11
	49-09-09	--	--	56	--	29	7.1	1.0	--	2.0	132	0	22
	55-07-21	--	--	89	--	28	5.7	.5	--	.8	100	0	11
	55-09-26	--	--	38	--	31	8.3	1.8	--	1.2	109	6	19
	56-03-14	--	--	20	--	45	13	1.8	--	1.2	131	10	40
	56-05-24	--	--	927	--	15	2.3	1.4	--	.8	45	0	13
	56-07-09	--	--	101	--	23	4.3	2.3	--	.8	89	0	6.7
	56-08-07	--	--	54	--	27	5.0	1.1	--	.8	103	0	6.7
	56-09-17	--	--	26	--	24	8.1	2.1	--	.8	120	0	.0
	56-10-19	--	--	22	--	38	10	2.3	--	1.2	143	0	24
	57-02-04	--	--	23	--	39	13	3.0	--	.8	142	0	37
	57-03-11	--	--	22	--	56	18	4.1	--	1.6	172	0	75
	57-04-10	--	--	17	--	44	13	2.8	--	.8	145	1	41
	57-05-21	--	--	103	--	22	4.1	1.8	--	.8	76	0	12
	57-06-14	--	--	825	--	12	1.7	.5	--	.8	41	0	4.3
	57-07-19	--	--	165	--	30	6.4	1.8	--	1.2	89	3	29

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
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--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	40	17	1	--	7.0	
2.0	--	.90	--	--	--	--	--	--	58	25	5	--	--	
1.5	--	--	--	--	1.0	--	--	26	32	28	18	.1	7.6	
.6	--	.60	--	--	--	--	--	34	47	23	2	--	7.0	
--	--	--	--	--	--	--	--	--	790	445	143	--	8.2	
2.0	--	--	--	--	--	--	--	478	724	395	162	.2	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	700	--	--	--	--	
--	--	--	--	--	--	--	--	--	695	--	--	--	--	
--	--	--	--	--	--	--	--	--	770	--	--	--	--	
--	--	--	--	--	--	--	--	--	870	--	--	--	--	
--	--	--	--	--	--	--	--	--	880	--	--	--	--	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	95	--	--	--	--	
--	--	--	--	--	--	--	--	--	210	--	--	--	--	
--	--	--	--	--	--	--	--	--	690	--	--	--	--	
--	--	--	--	--	--	--	--	--	730	--	--	--	--	
--	--	--	--	--	--	--	--	--	750	--	--	--	--	
--	--	--	--	--	--	--	--	--	700	--	--	--	--	
--	--	--	--	--	--	--	--	--	700	--	--	--	--	
--	--	--	--	--	--	--	--	--	890	--	--	--	--	
--	--	--	--	--	--	--	--	--	780	--	--	--	--	
--	--	--	--	--	--	--	--	--	900	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	950	--	--	--	--	
--	--	--	--	--	--	--	--	--	190	--	--	--	--	
--	--	--	--	--	--	--	--	--	165	--	--	--	--	
--	--	--	--	--	--	--	--	--	270	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	700	--	--	--	--	
--	--	--	--	--	--	--	--	--	760	--	--	--	--	
--	--	--	--	--	--	--	--	--	750	--	--	--	--	
--	--	--	--	--	--	--	--	--	850	--	--	--	--	
--	--	--	--	--	--	--	--	--	920	--	--	--	--	
--	--	--	--	--	--	--	--	--	820	--	--	--	--	
--	--	--	--	--	--	--	--	--	720	--	--	--	--	
2.0	--	.90	--	--	--	--	--	--	96	40	0	--	--	
1.1	--	.50	--	--	--	180	--	--	130	51	0	.1	--	
1.1	--	.30	--	--	--	40	--	--	270	102	0	.1	--	
.4	--	--	--	--	--	120	--	--	194	94	12	.0	7.8	
1.8	--	--	--	--	--	40	--	--	233	112	13	.1	--	
3.5	--	--	--	--	--	10	--	--	355	166	42	.1	--	
.4	--	--	--	--	--	0	--	--	188	46	10	.1	8.4	
.4	--	--	--	--	--	80	--	--	165	74	2	.1	8.2	
.0	--	--	--	--	--	100	--	--	195	84	4	.1	8.2	
.0	--	--	--	--	--	20	--	--	224	93	0	.1	7.8	
.4	--	--	--	--	--	0	--	--	271	136	20	.1	8.0	
1.4	--	--	--	--	--	0	--	--	302	148	32	.1	8.4	
2.8	--	--	--	--	--	0	--	--	409	212	71	.1	8.5	
2.8	--	--	--	--	--	100	--	--	323	161	40	.1	8.6	
.7	--	--	--	--	--	30	--	--	170	71	8	.1	7.8	
1.4	--	--	--	--	--	20	--	--	102	38	4	.0	8.1	
.0	--	--	--	--	--	40	--	--	215	102	24	.1	8.5	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09271000— CONT.	57-08-14	--	--	118	--	25	4.9	.9	--	.8	84	4	8.2
	57-10-07	--	--	--	--	27	7.2	1.1	--	.4	104	0	13
	57-10-24	--	9.0	57	--	30	7.3	1.8	--	--	111	0	19
	57-10-31	--	--	--	--	37	10	1.8	--	.8	137	0	24
	58-02-10	--	--	--	--	41	14	2.1	--	1.2	133	6	47
	58-04-18	--	--	--	--	37	11	3.4	--	1.2	113	8	37
	58-05-02	--	--	--	--	30	7.4	2.5	--	.8	97	6	21
	58-05-20	--	--	824	4.2	14	2.3	--	1.8	--	46	0	9.5
	58-05-27	--	--	--	--	16	4.6	1.1	--	1.2	54	0	18
	58-06-05	--	--	--	--	13	2.9	1.1	--	.8	45	0	11
	58-07-01	--	--	--	--	27	8.0	2.3	--	1.2	98	0	24
	58-08-05	--	--	88	6.7	25	5.1	--	2.0	--	98	0	5.8
	58-09-02	--	--	--	--	31	7.8	1.4	--	.8	110	3	17
	73-03-15	0730	2.0	20	--	42	12	2.2	--	.9	145	0	41
	73-04-12	1200	10.0	25	--	50	16	3.4	--	1.2	152	0	68
	73-05-14	--	8.0	410	--	11	2.5	2.4	--	1.2	40	0	6.3
	73-06-13	1700	13.0	1200	--	13	2.4	1.4	--	.5	49	0	6.8
	73-07-16	--	17.0	125	--	25	6.5	2.2	--	1.0	100	0	15
	73-08-13	0630	12.0	45	--	33	8.1	2.0	--	.9	128	0	20
	73-09-14	1130	12.5	100	--	28	6.9	2.4	--	.8	110	0	15
	73-10-10	1115	9.0	65	--	33	9.9	4.4	--	1.1	132	0	22
	73-11-15	0800	3.0	30	--	36	9.2	2.8	--	.6	136	0	18
	73-12-10	1200	2.0	30	--	26	7.8	2.5	--	.7	109	0	12
	74-01-15	--	.0	25	7.5	57	19	7.8	--	1.1	159	0	88
	74-02-15	1000	.5	22	--	46	13	3.8	--	1.3	158	0	43
	74-03-14	1015	3.0	20	--	57	16	3.9	--	1.4	169	0	64
	74-04-12	0845	6.0	20	--	47	14	3.9	--	1.1	161	0	48
	74-05-15	--	11.5	300	--	16	3.4	1.4	--	.7	55	0	9.3
	74-06-12	1045	15.0	70	--	26	5.6	1.9	--	.6	90	0	12
09271070	71-08-05	0900	16.0	7.2	--	--	--	--	--	--	--	--	--
	72-05-18	0650	8.0	12	--	--	--	--	--	--	--	--	--
	72-06-09	--	16.0	10	--	--	--	--	--	--	--	--	--
	72-07-06	1000	19.0	.20	--	--	--	--	--	--	--	--	--
	72-08-03	1400	18.0	10	--	--	--	--	--	--	--	--	--
	72-09-07	0720	12.0	2.7	--	--	--	--	--	--	--	--	--
09271470	71-08-05	0750	--	8.6	--	--	--	--	--	--	--	--	--
	71-09-03	1330	15.0	2.3	--	--	--	--	--	--	--	--	--
	71-10-08	1435	14.0	.30	--	--	--	--	--	--	--	--	--
	71-11-04	1545	3.0	.05	--	--	--	--	--	--	--	--	--
	72-04-20	1140	7.0	1.8	--	--	--	--	--	--	--	--	--
	72-05-18	1000	12.0	4.0	--	--	--	--	--	--	--	--	--
	72-07-06	--	--	5.8	--	--	--	--	--	--	--	--	--
	72-08-03	1500	20.0	3.4	--	--	--	--	--	--	--	--	--
	72-09-07	1500	15.0	1.9	--	--	--	--	--	--	--	--	--
09271500	47-03-19	1730	--	53	--	178	94	--	90	--	272	0	739
	47-05-12	0850	--	451	--	56	25	--	20	--	118	0	174
	47-06-18	--	--	403	8.2	66	30	--	31	--	128	0	229
	47-06-22	1135	--	663	--	57	31	--	27	--	116	0	214
	47-09-19	1700	--	13	15	288	197	--	195	--	328	0	1560
	48-06-08	0830	--	75	15	181	100	--	89	--	277	0	771
	48-09-30	0730	--	5.1	18	319	232	--	264	--	299	0	1930
	48-10-06	--	11.5	9.2	18	328	225	--	197	--	320	0	1780
	49-04-08	0700	9.5	28	--	238	153	--	150	--	316	0	1190
	49-07-02	--	--	34	--	190	118	98	--	10	230	18	875
	49-09-10	--	--	7.2	--	231	145	248	--	15	284	2	1690
	49-10-15	0810	9.0	34	--	--	--	--	--	--	312	0	999
	50-06-04	1440	9.5	483	--	--	--	--	29	--	127	0	244
	50-11-07	1625	9.5	40	15	248	152	--	123	--	340	0	1140
	51-10-03	1000	10.0	38	--	269	54	109	--	6.7	161	0	926
	54-08-25	1700	--	.90	1.6	341	342	550	--	--	238	0	2970
	55-07-21	--	--	.50	--	344	361	641	--	11	226	33	3170
	55-09-27	--	--	1.1	--	295	290	432	--	8.6	181	18	2490
	55-10-19	1620	13.5	3.2	12	316	223	262	--	--	290	0	1900
	56-03-14	--	--	30	--	227	117	104	--	3.5	270	22	940
	56-05-25	--	--	326	--	61	26	22	--	2.3	135	2	182
	56-07-10	--	--	3.5	--	302	237	299	--	8.2	313	5	1960
	56-08-07	--	--	.20	--	361	376	567	--	9.8	314	3	3130
	56-09-18	--	--	1.5	--	326	311	427	--	8.2	254	26	2560
	56-10-18	--	--	1.8	--	231	261	313	--	7.0	140	26	2010
	57-02-05	--	--	28	--	172	88	75	--	2.3	294	0	668
	57-03-11	--	--	36	--	247	152	163	--	5.1	297	0	1260
	57-04-11	--	--	11	--	253	181	183	--	4.7	310	0	1410
	57-05-20	--	--	10	--	297	222	271	--	7.4	383	0	1790
	57-06-12	--	--	506	--	54	24	20	--	2.0	123	0	168
	57-07-18	--	--	22	--	276	181	197	--	6.6	331	5	1480
	57-08-14	--	--	8.2	--	289	228	248	--	6.3	283	4	1830
	57-10-07	--	--	--	--	277	171	177	--	6.3	350	7	1380
	57-10-24	--	10.0	34	--	226	158	146	--	--	346	0	1210
	57-10-31	--	--	--	--	269	166	166	--	5.1	321	6	1350
	58-02-10	--	--	--	--	168	93	86	--	3.5	275	0	707

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.0	--	--	--	--	--	10	--	--	171	82	6	.0	8.5	
1.4	--	--	--	--	--	20	--	--	207	98	13	.1	8.2	
--	--	--	--	--	--	--	--	--	209	105	14	.1	7.7	
1.1	--	--	--	--	--	0	--	--	277	134	22	.1	7.9	
.0	--	--	--	--	--	0	--	--	325	162	42	.1	8.5	
.0	--	--	--	--	--	0	--	--	278	136	30	.1	8.5	
.0	--	--	--	--	--	30	--	--	217	105	16	.1	8.2	
.6	--	.70	--	--	--	--	--	--	92	45	7	--	7.6	
.0	--	--	--	--	--	0	--	--	119	59	14	.1	7.4	
.4	--	--	--	--	--	110	--	--	96	45	8	.1	7.9	
.0	--	--	--	--	--	0	--	--	195	100	19	.1	8.3	
.5	--	.30	--	--	--	--	--	--	171	83	3	--	8.0	
.0	--	--	--	--	--	20	--	--	215	108	14	.1	8.4	
2.5	--	--	--	--	--	--	--	--	318	150	35	.1	8.2	
3.3	--	--	--	--	--	--	--	--	356	190	66	.1	8.3	
3.8	--	--	--	--	--	--	--	--	76	38	5	.2	7.3	
1.2	--	--	--	--	--	--	--	--	85	42	2	.1	7.6	
2.0	--	--	--	--	--	--	--	--	175	89	7	.1	8.1	
1.4	--	--	--	--	--	--	--	--	226	120	11	.1	8.1	
1.3	--	--	--	--	--	--	--	--	197	98	8	.1	8.3	
2.0	--	--	--	--	--	--	--	--	249	120	15	.2	7.8	
1.6	--	--	--	--	--	--	--	--	245	130	16	.1	8.3	
1.5	--	--	--	--	--	--	--	--	184	97	8	.1	8.3	
3.2	.35	--	--	.12	.3	50	--	264	328	220	90	.2	8.2	
2.9	--	--	--	--	--	--	--	--	326	170	39	.1	8.2	
2.0	--	--	--	--	--	--	--	--	394	210	70	.1	8.1	
2.1	--	--	--	--	--	--	--	--	339	180	43	.1	8.1	
.7	--	--	--	--	--	--	--	--	109	54	9	.1	7.4	
1.1	--	--	--	--	--	--	--	--	164	88	14	.1	8.1	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	210	--	--	--	--	
--	--	--	--	--	--	--	--	--	190	--	--	--	--	
--	--	--	--	--	--	--	--	--	315	--	--	--	--	
--	--	--	--	--	--	--	--	--	275	--	--	--	--	
--	--	--	--	--	--	--	--	--	285	--	--	--	--	
--	--	--	--	--	--	--	--	--	2000	--	--	--	--	
--	--	--	--	--	--	--	--	--	1960	--	--	--	--	
--	--	--	--	--	--	--	--	--	2000	--	--	--	--	
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--	--	--	--	--	--	--	--	--	1650	--	--	--	--	
--	--	--	--	--	--	--	--	--	1850	--	--	--	--	
--	--	--	--	--	--	--	--	--	2030	--	--	--	--	
--	--	--	--	--	--	--	--	--	2200	--	--	--	--	
21	--	6.2	--	--	--	--	--	--	1680	830	608	1.4	--	
6.0	--	1.2	--	--	--	--	--	--	525	242	146	.6	--	
8.0	--	.50	--	--	--	--	--	--	647	288	183	.8	--	
6.0	--	1.2	--	--	--	--	--	--	598	270	174	.7	--	
40	--	2.9	--	--	--	--	--	--	2870	1530	1260	2.2	--	
17	--	4.3	--	--	--	--	--	--	1680	862	636	1.3	--	
44	--	11	--	--	--	--	--	--	3240	1750	1500	2.7	--	
32	--	14	--	--	--	--	--	--	3270	1740	1480	2.1	--	
36	--	--	--	--	--	--	--	--	2410	1220	964	1.9	--	
21	--	1.1	--	--	--	710	--	--	1850	959	740	1.4	--	DH
44	--	2.6	--	--	--	920	--	--	3100	1170	936	3.2	--	DH
12	--	--	--	--	--	--	--	--	2120	--	--	--	--	
5.0	--	--	--	--	--	--	--	--	677	302	198	.7	--	
28	--	8.5	--	--	--	--	--	--	2270	1240	966	1.5	--	
23	--	--	--	--	--	--	--	--	1790	896	764	1.6	--	
105	--	11	--	--	--	--	--	4440	4820	2260	2060	5.0	8.1	
118	--	--	--	--	--	1500	--	--	5370	2340	2100	5.8	--	BR
78	--	--	--	--	--	660	--	--	4240	1930	1750	4.3	--	BR
47	--	6.9	--	--	--	--	--	2910	3330	1710	1470	2.8	7.5	
28	--	--	--	--	--	320	--	--	2000	1040	787	1.4	--	BR
5.0	--	--	--	--	--	90	--	--	581	260	146	.6	--	BR
58	--	--	--	--	--	770	--	--	3560	1730	1460	3.1	--	BR
115	--	--	--	--	--	1000	--	--	5300	2440	2180	5.0	--	BR
81	--	--	--	--	--	1110	--	--	4380	2090	1840	4.0	--	BR
62	--	--	--	--	--	810	--	--	3840	1650	1490	3.4	--	BR
15	--	--	--	--	--	210	--	--	1610	791	550	1.2	8.1	BR
36	--	--	--	--	--	350	--	--	2460	1240	1000	2.0	8.2	BR
42	--	--	--	--	--	340	--	--	2790	1370	1120	2.1	8.0	BR
56	--	--	--	--	--	550	--	--	3440	1650	1340	2.9	8.2	BR
3.9	--	--	--	--	--	50	--	--	556	234	134	.6	8.5	BR
35	--	--	--	--	--	480	--	--	2840	1430	1150	2.3	--	BR
44	--	--	--	--	--	570	--	--	3260	1660	1420	2.7	8.1	BR
37	--	--	--	--	--	390	--	--	2770	1390	1090	2.1	7.8	BR
28	--	3.2	--	--	--	--	--	--	2400	1220	932	1.8	8.0	
33	--	--	--	--	--	360	--	--	2660	1350	1080	2.0	7.9	BR
23	--	--	--	--	--	210	--	--	1670	802	578	1.3	7.9	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09271500--CONT.	58-04-17	--	--	--	--	224	181	201	--	5.1	225	0	1450
	58-05-24	--	--	585	8.9	64	22	--	23	--	135	0	174
	58-05-28	--	--	--	--	62	25	23	--	2.3	139	0	182
	58-07-01	--	--	--	--	262	191	230	--	5.9	328	0	1560
	58-08-13	--	--	1.6	20	333	302	--	425	--	308	0	2540
	58-09-02	--	--	--	--	451	355	615	--	11	525	5	3190
	71-08-05	0620	19.0	17	--	--	--	--	--	--	--	--	--
	71-09-03	1215	16.0	28	--	--	--	--	--	--	--	--	--
	71-10-08	1300	18.0	34	--	--	--	--	--	--	--	--	--
	71-11-04	1420	3.0	58	--	--	--	--	--	--	--	--	--
	71-12-02	--	--	39	--	--	--	--	--	--	--	--	--
	72-01-12	1340	.0	--	--	--	--	--	--	--	--	--	--
	72-02-10	0820	.0	17	--	--	--	--	--	--	--	--	--
	72-03-27	1500	8.0	22	--	--	--	--	--	--	--	--	--
	72-04-20	1000	7.0	19	--	--	--	--	--	--	--	--	--
	72-05-18	0840	13.0	28	--	--	--	--	--	--	--	--	--
	72-06-09	0720	14.0	306	--	--	--	--	--	--	--	--	--
	72-07-06	0650	18.0	18	--	--	--	--	--	--	--	--	--
	72-08-01	1510	25.0	8.7	--	--	--	--	--	--	--	--	--
	72-09-07	0920	15.0	10	--	--	--	--	--	--	--	--	--
	72-10-02	1340	15.0	21	--	--	--	--	--	--	--	--	--
	72-11-02	0930	3.0	48	--	--	--	--	--	--	--	--	--
	72-12-01	1500	.5	31	--	--	--	--	--	--	--	--	--
	73-01-19	1400	.0	39	--	--	--	--	--	--	--	--	--
	73-03-01	1400	.0	28	--	--	--	--	--	--	--	--	--
	73-03-15	0915	3.0	53	--	230	120	110	--	7.6	372	0	990
	73-04-12	0800	9.0	33	--	250	140	130	--	3.7	323	0	1200
	73-05-14	0900	8.0	416	--	51	20	18	--	2.1	140	0	140
	73-06-05	0730	7.0	816	--	--	--	--	--	--	--	--	--
	73-06-14	0830	13.0	1040	--	32	12	9.0	--	1.4	92	0	72
	73-06-14	0845	13.0	1040	--	--	--	--	--	--	--	--	--
	73-06-20	1400	15.0	246	--	--	--	--	--	--	--	--	--
	73-06-29	0800	16.0	63	--	--	--	--	--	--	--	--	--
	73-07-11	1430	27.0	12	--	--	--	--	--	--	--	--	--
	73-07-16	--	24.0	20	--	230	140	120	--	4.9	299	0	1100
	73-08-09	0740	18.0	37	--	--	--	--	--	--	--	--	--
	73-08-13	0710	19.0	30	--	250	140	130	--	4.0	278	0	1200
	73-09-06	0720	15.0	75	--	--	--	--	--	--	--	--	--
	73-10-04	0930	10.0	39	--	--	--	--	--	--	--	--	--
	73-10-15	1000	10.0	70	--	220	120	84	--	3.9	306	0	880
	73-11-09	1200	7.0	65	--	--	--	--	--	--	--	--	--
	73-11-15	0730	3.0	45	--	270	130	99	--	3.9	366	0	1000
	73-12-06	1400	.0	69	--	--	--	--	--	--	--	--	--
	73-12-10	1500	.0	65	--	300	140	100	--	3.6	373	0	1100
	74-01-15	1500	.0	50	20	270	130	100	--	3.6	369	0	1000
	74-02-15	0900	.0	45	--	250	120	95	--	4.1	367	0	970
	74-03-14	1330	8.0	43	--	230	120	110	--	6.0	339	0	960
	74-04-12	1000	6.0	37	--	240	130	120	--	3.7	355	0	1100
	74-05-16	1500	19.0	24	--	200	130	130	--	6.5	338	0	970
	74-05-16	1515	19.0	24	--	--	--	--	--	--	--	--	--
	74-06-12	0700	15.0	20	--	230	150	140	--	4.5	314	0	1100
09272500	72-07-20	--	--	35	3.3	2.4	.8	.8	--	.4	15	0	2.9
	72-08-08	1335	7.0	1.0	6.0	5.0	1.6	1.6	--	1.0	24	0	3.6
09273000	54-05-24	--	--	--	--	--	.0	--	--	--	--	--	--
	57-10-23	--	--	7.3	--	--	--	--	--	--	13	0	--
09273500	51-10-11	--	--	3.7	--	--	--	--	--	--	48	0	17
	56-08-16	--	--	5.4	--	10	4.8	.9	--	.8	37	0	12
	56-11-08	--	--	3.0	--	15	6.1	1.8	--	.8	55	0	21
	57-06-28	--	--	60	--	3.6	1.5	.5	--	.4	17	0	2.4
	57-08-21	--	--	9.0	--	9.2	4.3	.5	--	.4	31	0	15
	60-05-18	--	--	15	--	--	--	--	--	--	--	--	--
	62-05-29	--	--	20	--	5.2	3.2	2.3	--	.4	26	0	9.1
09274000	57-10-03	--	--	13	--	--	--	--	--	--	53	0	--
	58-05-22	--	--	745	3.3	5.4	1.0	--	2.5	--	18	0	6.2
	58-08-21	--	--	13	5.6	16	4.6	--	2.6	--	62	0	11
09274500	47-09-20	--	--	--	5.8	38	12	--	19	--	172	0	33
	48-06-09	1545	--	--	3.6	--	--	--	--	--	44	0	5.6
09275000	57-06-28	--	--	--	--	--	--	--	--	--	--	--	--
	57-08-21	--	--	25	--	62	16	5.8	--	1.2	210	0	60
	60-05-18	--	--	145	--	44	7.2	3.0	--	.8	143	8	13
	64-05-12	--	--	32	--	65	5.0	5.3	--	1.2	164	14	34
09275500	56-08-16	--	--	25	--	66	17	7.8	--	1.2	215	5	59
	56-11-08	--	--	13	--	80	18	7.1	--	1.2	220	4	96
	57-06-28	--	--	40	--	51	8.2	5.1	--	.8	156	11	24
	62-05-01	--	--	105	--	60	14	6.4	--	1.2	184	75	40
	62-06-07	--	--	165	--	49	8.9	3.9	--	.8	153	15	14
	71-10-13	1700	11.0	21	--	--	--	--	--	--	--	--	--
	71-11-16	1245	2.0	22	--	--	--	--	--	--	--	--	--
	72-02-24	1100	.0	16	--	--	--	--	--	--	--	--	--
	72-04-13	1330	3.0	43	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
38	--	--	--	--	--	670	--	--	2740	1300	1120	2.4	7.6	BR
4.0	--	.60	--	--	--	--	--	--	551	248	137	.6	7.5	
4.3	--	--	--	--	--	70	--	--	583	255	142	.6	7.8	BR
40	--	--	--	--	--	920	--	--	2980	1440	1170	2.6	7.9	BR
65	--	7.8	--	--	--	--	--	--	4200	2070	1820	4.1	7.9	
127	--	--	--	--	--	1580	--	--	5480	2580	2150	5.3	--	BR
--	--	--	--	--	--	--	--	--	2600	--	--	--	--	
--	--	--	--	--	--	--	--	--	2100	--	--	--	--	
--	--	--	--	--	--	--	--	--	2380	--	--	--	--	
--	--	--	--	--	--	--	--	--	2170	--	--	--	--	
--	--	--	--	--	--	--	--	--	2100	--	--	--	--	
--	--	--	--	--	--	--	--	--	2220	--	--	--	--	
--	--	--	--	--	--	--	--	--	2180	--	--	--	--	
--	--	--	--	--	--	--	--	--	2200	--	--	--	--	
--	--	--	--	--	--	--	--	--	2650	--	--	--	--	
--	--	--	--	--	--	--	--	--	2050	--	--	--	--	
--	--	--	--	--	--	--	--	--	875	--	--	--	--	
--	--	--	--	--	--	--	--	--	2100	--	--	--	--	
--	--	--	--	--	--	--	--	--	2930	--	--	--	--	
--	--	--	--	--	--	--	--	--	2700	--	--	--	--	
--	--	--	--	--	--	--	--	--	2000	--	--	--	--	
--	--	--	--	--	--	--	--	--	2040	--	--	--	--	
--	--	--	--	--	--	--	--	--	1620	--	--	--	--	
--	--	--	--	--	--	--	--	--	2050	--	--	--	--	
--	--	--	--	--	--	--	--	--	1800	--	--	--	--	
30	--	--	--	--	--	--	--	--	2200	1100	760	1.5	8.0	
28	--	--	--	--	--	--	--	--	2300	1200	940	1.6	8.0	
7.2	--	--	--	--	--	--	--	--	518	210	95	.5	7.3	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
2.7	--	--	--	--	--	--	--	--	310	130	54	.3	7.4	
--	--	--	--	--	--	--	--	--	340	--	--	--	--	
--	--	--	--	--	--	--	--	--	900	--	--	--	--	
--	--	--	--	--	--	--	--	--	1650	--	--	--	--	
--	--	--	--	--	--	--	--	--	2250	--	--	--	--	
26	--	--	--	--	--	--	--	--	2210	1200	910	1.5	7.9	
--	--	--	--	--	--	--	--	--	1900	--	--	--	--	
24	--	--	--	--	--	--	--	--	2250	1200	970	1.6	7.9	
--	--	--	--	--	--	--	--	--	1900	--	--	--	--	
--	--	--	--	--	--	--	--	--	2080	--	--	--	--	
19	--	--	--	--	--	--	--	--	1830	1000	790	1.1	8.1	
--	--	--	--	--	--	--	--	--	2100	--	--	--	--	
23	--	--	--	--	--	--	--	--	2150	1200	910	1.2	8.2	
--	--	--	--	--	--	--	--	--	2350	--	--	--	--	
23	--	--	--	--	--	--	--	--	2310	1300	1000	1.2	8.1	
23	2.6	--	--	.86	.9	520	--	1740	2100	1200	910	1.3	7.9	
23	--	--	--	--	--	--	--	--	2160	1100	820	1.2	7.8	
26	--	--	--	--	--	--	--	--	1850	1100	790	1.5	7.9	
26	--	--	--	--	--	--	--	--	2000	1100	840	1.6	8.2	
28	--	--	--	--	--	--	--	--	2150	1000	760	1.8	8.2	
--	--	--	--	--	--	--	--	--	2200	--	--	--	--	
25	--	--	--	--	--	--	--	--	2400	1200	930	1.8	8.0	
1.0	.04	--	--	.03	.0	30	--	19	24	9	0	.1	7.2	
1.5	--	--	--	--	--	--	--	32	46	19	0	.2	6.6	
--	--	--	--	--	--	--	--	--	42	--	--	--	--	
--	--	--	--	--	--	--	--	--	36	11	0	--	7.0	
2.0	--	--	--	--	--	--	--	--	111	--	--	--	--	
.4	--	--	--	--	--	30	57	--	103	44	14	.1	7.4	BR
.7	--	--	--	--	--	--	91	--	148	63	18	.1	7.9	BR
.0	--	--	--	--	--	0	28	--	44	15	1	.1	7.3	
.4	--	--	--	--	--	20	34	--	85	41	15	.0	8.2	
--	--	--	--	--	--	--	35	--	52	--	--	--	--	
.4	--	--	--	--	--	0	56	--	67	26	5	.2	8.1	
--	--	--	--	--	--	--	--	--	139	54	11	--	7.7	
.8	--	.70	--	--	--	--	--	--	40	18	3	--	7.5	
.8	--	.30	--	--	--	--	--	--	132	58	7	--	7.4	
6.0	--	1.5	--	--	--	--	--	--	273	144	4	--	--	
1.0	--	.60	--	--	--	--	--	--	73	--	--	--	--	
--	--	--	--	--	--	--	--	--	310	--	--	--	--	BR
1.8	--	--	--	--	--	20	269	--	428	220	48	.2	8.3	
.7	--	--	--	--	--	--	162	--	276	140	8	.1	8.5	
1.8	--	--	--	--	--	--	184	--	348	180	25	.2	8.7	
3.9	--	--	--	--	--	50	300	--	466	240	49	.2	8.3	BR
3.2	--	--	--	--	--	0	343	--	520	270	86	.2	8.2	BR
.0	--	--	--	--	--	20	185	--	310	160	15	.7	8.5	BR
1.8	--	--	--	--	--	0	256	--	404	210	0	.2	8.4	DH
1.8	--	--	--	--	--	0	194	--	298	160	8	.1	8.6	DH
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	509	--	--	--	--	
--	--	--	--	--	--	--	--	--	440	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09275500 -- CONT.	72-05-18	1100	5.0	267	--	--	--	--	--	--	--	--	--
	72-06-15	1530	11.0	109	--	--	--	--	--	--	--	--	--
	72-07-20	1210	13.0	36	--	--	--	--	--	--	--	--	--
	72-08-17	1040	11.0	22	--	--	--	--	--	--	--	--	--
	72-09-14	1015	7.0	19	--	--	--	--	--	--	--	--	--
	72-10-11	1235	8.0	26	--	--	--	--	--	--	--	--	--
	73-02-21	1325	3.0	15	--	--	--	--	--	--	--	--	--
	73-04-04	1345	4.0	14	14	80	19	6.9	--	.9	228	0	88
	73-05-03	1630	13.0	52	--	--	--	--	--	--	--	--	--
	73-05-16	1845	13.0	270	--	--	--	--	--	--	--	--	--
	73-05-23	0840	3.0	352	--	--	--	--	--	--	--	--	--
	73-07-11	1150	16.0	46	--	--	--	--	--	--	--	--	--
	73-08-16	1430	18.0	28	14	67	17	6.9	--	1.2	216	0	53
	73-08-22	0950	9.0	26	13	65	16	6.0	--	1.2	241	0	54
	73-09-18	1605	14.0	22	--	--	--	--	--	--	--	--	--
	73-10-30	1715	5.0	22	--	--	--	--	--	--	--	--	--
	74-03-19	1120	1.5	25	--	--	--	--	--	--	--	--	--
	74-05-01	1530	11.0	54	--	--	--	--	--	--	--	--	--
	74-06-05	1500	8.0	213	--	--	--	--	--	--	--	--	--
	74-06-26	1145	13.0	71	--	--	--	--	--	--	--	--	--
09276000	56-08-16	--	--	6.8	--	45	13	2.1	--	.8	201	0	3.8
	56-11-08	--	--	25	--	70	18	7.4	--	1.2	216	3	75
	57-06-28	--	--	23	--	37	7.4	2.5	--	.4	123	10	11
	57-08-21	--	--	9.0	--	44	13	2.1	--	.8	168	7	16
	62-05-01	--	--	6.0	--	39	13	2.8	--	.8	156	10	10
	62-06-07	--	--	27	--	37	8.0	2.8	--	.8	129	8	11
	71-08-16	1850	8.0	9.6	--	--	--	--	--	--	--	--	--
	71-09-08	1915	6.5	7.7	--	--	--	--	--	--	--	--	--
	71-11-16	1155	.5	5.2	--	--	--	--	--	--	--	--	--
	72-02-24	1010	--	3.4	--	--	--	--	--	--	--	--	--
	72-04-13	1235	4.0	3.8	--	--	--	--	--	--	--	--	--
	72-05-18	1000	4.0	20	--	--	--	--	--	--	--	--	--
	72-06-15	1445	7.0	30	--	--	--	--	--	--	--	--	--
	72-07-20	1305	9.0	10	--	--	--	--	--	--	--	--	--
	72-08-17	1130	9.0	8.8	--	--	--	--	--	--	--	--	--
	72-09-14	0855	7.0	7.6	--	--	--	--	--	--	--	--	--
	72-11-07	1050	4.0	5.1	--	--	--	--	--	--	--	--	--
	73-02-21	1230	3.0	3.8	--	--	--	--	--	--	--	--	--
	73-04-04	1300	6.0	3.7	7.2	51	14	3.3	--	.6	208	0	11
	73-05-03	1535	11.0	4.2	--	--	--	--	--	--	--	--	--
	73-05-16	1930	7.0	25	--	--	--	--	--	--	--	--	--
	73-05-23	--	3.0	35	5.9	35	8.4	2.1	--	.7	145	0	6.8
	73-07-11	1330	16.0	10	--	--	--	--	--	--	--	--	--
	73-08-16	1100	10.0	8.0	7.3	46	13	2.6	--	.6	201	0	12
	73-08-16	1325	10.0	7.7	--	--	--	--	--	--	--	--	--
	73-08-22	0850	8.0	8.0	7.2	46	13	1.8	--	.7	200	0	8.5
	73-09-18	1450	11.0	6.5	--	--	--	--	--	--	--	--	--
	73-10-30	1600	5.0	5.0	--	--	--	--	--	--	--	--	--
	74-03-19	0950	2.5	3.0	--	--	--	--	--	--	--	--	--
	74-05-01	1435	10.0	4.0	--	--	--	--	--	--	--	--	--
	74-06-05	1405	7.0	25	--	--	--	--	--	--	--	--	--
	74-06-26	1055	9.0	17	--	--	--	--	--	--	--	--	--
09277000	56-08-16	--	--	107	--	55	20	7.6	--	1.6	209	0	56
	56-11-08	--	--	87	--	58	20	7.4	--	1.2	196	2	69
	57-06-27	--	--	933	--	--	--	--	--	--	--	--	--
	57-08-21	--	--	120	--	51	21	7.1	--	1.6	184	5	59
	57-10-23	--	--	97	--	--	--	--	--	--	216	0	61
	58-04-30	--	--	130	--	51	17	7.1	--	.8	168	2	62
	58-06-04	--	--	1230	--	23	6.6	2.8	--	.4	87	0	18
	58-07-15	--	--	166	--	52	18	6.7	--	.8	171	13	51
	58-09-24	--	--	88	--	59	22	7.1	--	.8	187	10	68
	58-11-25	--	--	94	--	--	--	--	--	--	--	--	--
	59-05-07	--	--	105	--	47	18	6.7	--	.8	160	6	58
	59-06-18	--	--	271	--	36	12	4.1	--	.8	126	10	25
	59-07-27	--	--	100	--	46	18	6.0	--	.8	175	2	50
	59-08-20	--	--	114	--	--	--	--	--	--	--	--	--
	59-09-28	--	--	89	--	54	20	6.7	--	1.2	179	8	63
	59-11-10	--	--	82	--	50	19	6.7	--	1.2	160	6	64
	60-04-21	--	--	100	--	48	18	8.3	--	1.2	165	10	49
	60-06-01	--	--	384	--	34	11	3.7	--	.8	134	6	17
	60-07-12	--	--	116	--	48	18	6.7	--	1.2	159	12	49
	60-08-05	--	--	88	--	51	19	11	--	2.4	186	0	57
	60-09-02	--	--	89	--	44	20	7.1	--	1.2	147	6	64
	60-09-29	--	--	77	--	44	23	7.6	--	1.2	142	5	85
	60-11-02	--	--	77	--	46	22	7.8	--	1.2	151	3	82
	60-12-12	--	--	--	--	59	23	7.8	--	1.2	171	10	86
	61-01-30	--	--	--	--	59	21	8.0	--	1.2	174	7	81

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	318	--	--	--	--	
--	--	--	--	--	--	--	--	--	420	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
4.3	--	--	--	--	--	--	--	326	500	280	91	.2	8.0	
--	--	--	--	--	--	--	--	--	420	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
3.1	--	--	--	--	--	--	--	269	469	240	60	.2	8.3	
2.2	--	--	--	--	--	--	--	276	457	230	30	.2	8.3	
--	--	--	--	--	--	--	--	--	480	230	31	.2	8.3	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	440	--	--	--	--	
--	--	--	--	--	--	--	--	--	380	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	370	--	--	--	--	
3.2	--	--	--	--	--	50	--	--	329	168	3	.1	8.3	BR
3.6	--	--	--	--	--	--	334	--	505	248	66	.2	8.3	BR
.0	--	--	--	--	--	30	134	--	243	120	5	.1	8.5	BR
1.8	--	--	--	--	--	20	171	--	309	160	14	.1	8.6	BR
3.2	--	--	--	--	--	--	193	--	325	150	7	.1	8.3	BR
1.1	--	--	--	--	--	--	135	--	246	130	5	.1	8.4	BR
--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	300	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	310	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	240	--	--	--	--	
--	--	--	--	--	--	--	--	--	225	--	--	--	--	
--	--	--	--	--	--	--	--	--	310	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	310	--	--	--	--	
--	--	--	--	--	--	--	--	--	250	--	--	--	--	
2.2	--	--	--	--	--	--	--	192	334	190	14	.1	8.0	
--	--	--	--	--	--	--	--	--	330	--	--	--	--	
--	--	--	--	--	--	--	--	--	270	--	--	--	--	
2.2	--	--	--	--	--	--	--	133	232	120	3	.1	8.2	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
2.1	--	--	--	--	--	--	--	183	325	170	4	.1	8.1	
--	--	--	--	--	--	--	--	--	340	--	--	--	--	
1.1	--	--	--	--	--	--	--	177	321	170	4	.1	8.3	
--	--	--	--	--	--	--	--	--	290	--	--	--	--	
--	--	--	--	--	--	--	--	--	325	--	--	--	--	
--	--	--	--	--	--	--	--	--	330	--	--	--	--	
--	--	--	--	--	--	--	--	--	330	--	--	--	--	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	290	--	--	--	--	
7.1	--	--	--	--	--	50	--	--	445	216	45	.2	7.8	BR
7.5	--	--	--	--	--	30	--	--	456	228	65	.2	--	BR
--	--	--	--	--	--	--	--	--	172	--	--	--	--	BR
6.7	--	--	--	--	--	0	244	--	417	210	55	.2	8.5	
--	--	--	--	--	--	--	--	--	451	235	58	--	8.1	BR
5.3	--	--	--	--	--	--	244	--	392	200	57	.2	--	BR
.7	--	--	--	--	--	--	113	--	170	85	13	.1	8.2	BR
2.1	--	--	--	--	--	--	259	--	407	200	42	.2	--	BR
7.1	--	--	--	--	--	--	300	--	456	240	68	.2	8.3	BR
--	--	--	--	--	--	--	284	--	428	--	--	--	8.4	BR
4.6	--	--	--	--	--	--	242	--	399	190	51	.2	8.4	BR
6.0	--	--	--	--	--	--	173	--	299	140	20	.7	8.6	BR
4.3	--	--	--	--	--	--	226	--	388	190	42	.2	8.2	BR
--	--	--	--	--	--	--	248	--	372	--	--	--	8.4	BR
7.4	--	--	--	--	--	80	296	--	432	220	57	.2	8.4	BR
7.8	--	--	--	--	--	--	252	--	407	200	61	.2	8.3	BR
7.1	--	--	--	--	--	--	255	--	409	190	43	.3	8.6	BR
2.1	--	--	--	--	--	--	169	--	291	130	10	.1	8.5	BR
5.3	--	--	--	--	--	--	235	--	397	190	43	.2	8.5	BR
13	--	--	--	--	--	--	262	--	428	210	53	.3	8.0	BR
7.4	--	--	--	--	--	--	247	--	388	190	61	.2	8.3	BR
7.8	--	--	--	--	--	--	247	--	392	210	80	.2	8.2	BR
7.4	--	--	--	--	--	--	270	--	411	210	76	.2	8.2	BR
8.5	--	--	--	--	--	--	291	--	443	240	85	.2	8.5	BR
8.2	--	--	--	--	--	--	295	--	454	230	79	.2	8.4	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09277000 -- CONT.	61-04-04	--	--	50	--	40	19	8.0	--	1.2	112	4	84
	61-05-02	--	--	75	--	54	16	6.2	--	1.2	175	7	52
	61-05-25	--	--	100	--	47	13	4.6	--	.8	142	7	35
	61-07-11	--	--	65	--	45	16	6.2	--	.8	142	5	61
	61-08-03	--	--	100	--	46	17	8.3	--	1.6	148	6	60
	61-09-28	--	--	100	--	54	18	6.4	--	1.2	170	4	69
	61-11-16	--	--	75	--	48	20	6.7	--	.8	162	6	65
	62-02-08	--	--	50	--	51	20	7.4	--	1.2	164	0	79
	62-04-05	--	--	60	--	46	18	6.7	--	1.6	137	2	76
	62-04-18	--	--	200	--	40	12	5.8	--	1.6	141	0	42
	62-05-30	--	--	900	--	41	8.9	2.8	--	1.2	142	0	24
	62-07-12	--	--	250	--	36	16	5.3	--	.8	141	4	40
	62-08-01	--	--	200	--	59	19	7.1	--	1.6	198	7	61
	62-08-17	--	--	100	--	53	20	7.6	--	1.2	196	3	57
	62-09-07	--	--	150	--	40	18	7.1	--	1.2	135	4	64
	62-09-19	--	--	150	--	56	21	7.4	--	1.2	185	5	72
	62-10-16	--	--	150	--	63	22	7.4	--	1.2	220	0	71
	62-12-03	--	--	35	--	65	19	7.6	--	1.2	215	0	69
	63-02-06	--	--	65	--	62	18	8.0	--	1.6	203	0	68
	64-04-02	--	--	60	--	59	19	7.4	--	1.6	149	18	77
	64-06-30	--	--	250	--	40	11	3.7	--	.8	125	8	32
	64-09-01	--	--	60	--	42	21	6.7	--	1.2	149	5	62
	73-08-22	--	12.0	130	8.1	45	14	5.2	--	1.2	147	0	49
	73-09-07	0950	10.0	93	9.3	61	20	6.5	--	.8	224	0	55
	73-10-31	1110	7.0	77	9.2	63	20	7.5	--	1.5	221	0	60
09277500	62-04-05	--	--	236	--	50	17	14	--	2.7	167	9	63
	62-04-18	--	--	344	--	44	13	8.7	--	1.6	141	7	49
	62-05-17	--	--	473	--	44	12	7.1	--	.8	167	3	28
	62-06-20	--	--	498	--	43	11	5.3	--	1.2	160	0	31
	62-07-12	--	--	222	--	33	17	14	--	1.2	148	0	52
	62-08-01	--	--	71	--	55	25	23	--	2.0	243	0	82
	62-08-17	--	--	114	--	56	27	23	--	1.6	292	0	68
	62-09-05	--	--	100	--	48	26	24	--	1.6	207	5	84
	62-09-19	--	--	94	--	41	26	23	--	2.0	180	3	90
	62-10-16	--	--	120	--	79	26	20	--	1.6	287	0	98
	62-12-03	--	--	120	--	60	23	17	--	1.6	251	0	58
	63-02-06	--	--	100	--	69	22	15	--	2.0	256	0	73
	63-04-10	--	--	105	--	40	21	12	--	1.2	145	7	70
	63-04-23	--	--	90	--	33	22	13	--	1.2	133	3	72
	63-05-23	--	--	500	--	39	9.2	5.1	--	1.6	121	6	32
	63-06-25	--	--	240	--	54	17	11	--	1.2	205	0	52
	63-07-17	--	--	120	--	31	22	18	--	1.6	153	2	67
	63-08-12	--	--	120	--	72	24	18	--	1.6	280	0	74
	63-09-18	--	--	150	--	36	25	18	--	1.6	170	0	82
	63-10-10	--	--	85	--	40	27	22	--	1.6	209	0	76
	63-11-05	--	--	120	--	56	27	18	--	1.2	225	0	91
	64-02-17	--	--	95	--	68	24	14	--	1.2	248	2	79
	64-04-02	--	--	100	--	63	20	12	--	2.0	189	15	73
	64-04-29	--	--	140	--	57	27	16	--	1.6	256	0	65
	64-06-03	--	--	600	--	39	8.3	4.6	--	.4	135	0	26
	64-07-01	--	--	300	--	48	14	8.0	--	.8	183	0	41
	64-08-03	--	--	130	--	62	24	17	--	2.0	262	0	64
	64-09-01	--	--	100	--	38	25	20	--	1.6	156	10	78
	64-09-30	--	--	90	--	69	27	23	--	1.6	288	0	83
	64-11-18	--	--	125	--	34	23	17	--	1.6	141	13	66
	65-02-01	--	--	120	--	41	24	17	--	2.0	174	3	76
	71-11-16	1450	12.0	139	--	--	--	--	--	--	--	--	--
	71-12-15	1410	.0	117	--	--	--	--	--	--	--	--	--
	72-01-18	1410	3.0	108	--	--	--	--	--	--	--	--	--
	72-02-15	1115	.5	977	--	--	--	--	--	--	--	--	--
	72-03-16	1300	9.0	136	--	--	--	--	--	--	--	--	--
	72-04-14	1015	5.0	163	--	--	--	--	--	--	--	--	--
	72-05-17	1230	9.0	524	--	--	--	--	--	--	--	--	--
	72-06-16	1030	--	556	--	--	--	--	--	--	--	--	--
	72-07-20	1045	13.0	164	--	--	--	--	--	--	--	--	--
	72-08-24	1230	12.0	94	--	--	--	--	--	--	--	--	--
	72-09-14	1350	11.0	102	--	--	--	--	--	--	--	--	--
	72-11-07	1150	5.0	132	--	--	--	--	--	--	--	--	--
	73-01-23	1005	--	92	--	--	--	--	--	--	--	--	--
	73-02-21	--	4.0	88	--	--	--	--	--	--	--	--	--
	73-03-27	--	4.0	103	8.1	62	22	14	--	2.3	241	0	77
	73-04-23	1700	12.0	120	--	--	--	--	--	--	--	--	--
	73-05-16	1700	12.0	604	--	--	--	--	--	--	--	--	--
	73-05-22	1245	8.0	1160	4.7	31	6.5	3.0	--	.9	102	0	13
	73-06-06	1500	13.0	716	--	--	--	--	--	--	--	--	--
	73-06-11	0955	12.0	1210	--	--	--	--	--	--	--	--	--
	73-06-20	1215	11.0	359	--	--	--	--	--	--	--	--	--
	73-07-11	1030	17.0	139	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
8.2	--	--	--	--	--	--	234	--	365	180	79	.3	8.6	BR
5.0	--	--	--	--	--	--	260	--	401	200	46	.2	8.6	BR
3.9	--	--	--	--	--	0	200	--	327	170	43	.2	8.5	BR
4.3	--	--	--	--	--	--	218	--	344	180	53	.2	8.4	BR
8.5	--	--	--	--	--	--	236	--	385	190	54	.3	8.4	BR
5.3	--	--	--	--	--	100	260	--	405	210	63	.2	--	BR
5.3	--	--	--	--	--	0	262	--	403	200	59	.2	8.3	BR
6.4	--	--	--	--	--	0	268	--	408	210	75	.2	8.4	BR
6.0	--	--	--	--	--	0	230	--	368	190	73	.2	8.4	BR
4.3	--	--	--	--	--	0	190	--	322	150	34	.2	8.2	BR
2.8	--	--	--	--	--	--	142	--	272	140	23	.1	8.1	BR
3.2	--	--	--	--	--	--	163	--	314	160	34	.2	--	BR
5.0	--	--	--	--	--	0	232	--	435	230	52	.2	--	BR
5.0	--	--	--	--	--	30	242	--	433	220	48	.2	--	BR
5.7	--	--	--	--	--	--	191	--	369	170	56	.2	8.2	BR
6.0	--	--	--	--	--	--	251	--	442	230	66	.2	8.2	BR
6.7	--	--	--	--	--	0	278	--	482	250	67	.2	8.0	BR
6.7	--	--	--	--	--	--	285	--	457	240	64	.2	7.9	BR
4.5	--	--	--	--	--	--	282	--	450	230	62	.2	7.9	BR
7.8	--	--	--	--	--	--	289	--	436	230	73	.2	8.4	BR
3.9	--	--	--	--	--	--	148	--	271	150	30	.1	8.7	BR
7.1	--	--	--	--	--	--	234	--	382	190	61	.2	8.4	BR
3.6	.13	--	.03	--	.2	60	--	199	360	170	49	.2	8.1	
6.4	.20	--	--	.00	.3	--	--	271	465	230	51	.2	8.2	
6.4	.13	--	--	.09	.2	30	--	278	475	240	58	.2	8.0	
6.0	--	--	--	--	--	0	271	--	432	200	41	.5	8.7	BR
3.9	--	--	--	--	--	0	222	--	356	160	36	.3	8.6	BR
3.6	--	--	--	--	--	0	226	--	338	160	16	.2	8.3	BR
2.8	--	--	--	--	--	--	175	--	313	150	21	.2	7.8	BR
5.7	--	--	--	--	--	--	236	--	346	150	31	.5	8.2	BR
9.0	--	--	--	--	--	--	343	--	523	240	41	.6	8.0	BR
12	--	--	--	--	--	30	378	--	582	280	36	.6	7.8	BR
12	--	--	--	--	--	--	334	--	519	230	48	.7	8.0	BR
12	--	--	--	--	--	--	318	--	476	210	55	.7	8.2	BR
11	--	--	--	--	--	--	399	--	599	300	69	.5	--	BR
11	--	--	--	--	--	150	320	--	532	250	39	.5	8.0	BR
9.2	--	--	--	--	--	--	339	--	535	260	53	.4	8.0	BR
8.5	--	--	--	--	--	--	253	--	395	190	55	.4	8.3	BR
8.9	--	--	--	--	--	50	241	--	384	170	58	.4	8.4	BR
3.9	--	--	--	--	--	--	162	--	269	140	25	.3	8.5	BR
4.6	--	--	--	--	--	--	252	--	411	210	37	.2	7.7	BR
8.2	--	--	--	--	--	--	241	--	391	170	38	.6	--	BR
11	--	--	--	--	--	--	325	--	566	280	49	.5	7.7	BR
7.8	--	--	--	--	--	--	222	--	481	190	53	.6	8.0	BR
9.2	--	--	--	--	--	--	282	--	513	210	40	.7	8.0	BR
8.5	--	--	--	--	--	--	290	--	517	250	66	.5	8.0	BR
8.5	--	--	--	--	--	--	313	--	535	270	61	.4	8.3	BR
7.8	--	--	--	--	--	--	318	--	482	240	60	.3	8.6	BR
9.2	--	--	--	--	--	--	323	--	520	250	43	.4	8.1	BR
2.5	--	--	--	--	--	--	153	--	270	130	21	.2	7.6	BR
2.5	--	--	--	--	--	--	199	--	363	180	27	.3	8.0	BR
8.2	--	--	--	--	--	--	306	--	525	250	39	.5	8.0	BR
12	--	--	--	--	--	--	262	--	453	200	53	.6	8.4	BR
9.6	--	--	--	--	--	--	365	--	594	280	47	.6	8.0	BR
9.5	--	--	--	--	--	--	236	--	429	180	42	.5	8.4	BR
9.6	--	--	--	--	--	--	269	--	452	200	52	.5	8.4	BR
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	510	--	--	--	--	
--	--	--	--	--	--	--	--	--	515	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	290	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	480	--	--	--	--	
--	--	--	--	--	--	--	--	--	300	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
8.1	--	--	--	--	--	--	--	312	514	250	48	.4	7.3	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	270	--	--	--	--	
2.3	--	--	--	--	--	--	--	112	198	100	21	.1	8.1	
--	--	--	--	--	--	--	--	--	250	--	--	--	--	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09277500 -- CONT.	73-08-16	1130	14.0	80	9.6	72	26	19	--	1.9	306	0	69
	73-08-22	--	14.5	95	9.6	67	23	16	--	1.8	279	0	63
	73-09-07	1415	15.0	98	9.5	68	25	18	--	1.4	279	0	66
	73-09-11	1305	11.0	131	--	--	--	--	--	--	--	--	--
	73-10-24	1805	9.5	115	--	--	--	--	--	--	--	--	--
	73-10-31	1655	8.0	104	9.5	72	25	17	--	1.9	281	0	64
	73-11-16	1045	.0	143	--	--	--	--	--	--	--	--	--
	74-01-08	1535	.0	114	--	--	--	--	--	--	--	--	--
	74-02-15	1315	1.0	96	--	--	--	--	--	--	--	--	--
	74-03-19	1355	5.0	116	--	--	--	--	--	--	--	--	--
	74-04-30	1640	14.0	138	--	--	--	--	--	--	--	--	--
	74-05-29	1645	12.0	1510	--	--	--	--	--	--	--	--	--
	74-06-26	0935	12.0	233	--	--	--	--	--	--	--	--	--
09277800	51-10-11	--	--	80	--	--	--	--	--	--	10	--	4.9
	56-08-15	--	--	60	--	2.6	1.2	.7	--	.4	12	--	3.8
	56-11-08	--	--	25	--	13	4.0	1.4	--	.4	53	--	7.7
	57-06-26	--	--	1360	--	--	--	--	--	--	--	--	--
	57-08-20	--	--	80	--	2.0	1.1	.2	--	.4	7	0	4.3
	60-05-17	--	--	--	--	--	--	--	--	--	--	--	--
	60-06-01	--	--	--	--	--	--	--	--	--	--	--	--
	62-05-28	--	--	--	--	3.0	2.2	2.3	--	.4	12	0	12
	64-05-12	--	--	--	--	3.8	1.7	1.8	--	.4	10	0	11
	64-06-02	--	--	--	--	4.0	1.1	2.8	--	.8	9	0	12
	69-06-04	--	--	700	--	6.6	1.8	.9	--	.4	23	0	7.2
	71-11-09	1235	1.0	48	--	--	--	--	--	--	--	--	--
	72-03-21	1130	3.5	29	--	--	--	--	--	--	--	--	--
	72-05-01	1505	5.0	91	--	--	--	--	--	--	--	--	--
	72-05-09	--	--	160	--	10	2.1	2.1	--	.8	32	0	9.6
	72-05-31	1200	4.5	1650	--	--	--	--	--	--	--	--	--
	72-06-22	1015	8.5	522	--	--	--	--	--	--	--	--	--
	72-08-02	1345	11.5	80	--	--	--	--	--	--	--	--	--
	72-08-18	1055	11.0	52	--	--	--	--	--	--	--	--	--
	72-09-13	0945	6.5	41	--	--	--	--	--	--	--	--	--
	72-10-03	0955	6.0	31	--	--	--	--	--	--	--	--	--
	72-10-11	--	--	35	--	12	3.9	1.4	--	.8	47	0	10
	72-11-07	1350	1.0	62	--	--	--	--	--	--	--	--	--
	73-05-15	1030	1.0	287	4.1	15	5.1	1.1	--	.6	61	0	9.7
	73-06-08	0930	3.0	806	2.6	2.4	.8	1.1	--	.4	12	0	4.5
	73-07-12	1415	13.5	155	--	2.3	.6	--	--	--	10	0	--
	73-08-14	1135	10.5	80	--	--	--	--	--	--	--	--	--
	73-09-12	1030	7.0	105	--	--	--	--	--	--	--	--	--
	73-10-23	1730	4.5	36	--	--	--	--	--	--	--	--	--
	73-11-13	1045	.5	34	--	--	--	--	--	--	--	--	--
	74-05-21	1305	4.5	345	--	--	--	--	--	--	--	--	--
09278000	56-08-15	--	--	6.0	--	25	8.6	.7	--	.8	99	0	17
	56-11-08	--	--	--	--	61	23	17	--	1.6	227	2	77
	57-06-27	--	--	55	--	16	4.4	1.2	--	.4	60	0	9.6
	57-08-20	--	--	10	--	24	8.3	.7	--	.4	83	2	22
	60-05-17	--	--	40	--	14	4.1	1.6	--	.8	52	0	12
	62-05-28	--	--	37	--	21	7.2	2.3	--	.8	85	0	15
	64-05-12	--	--	8.0	--	33	9.4	2.5	--	.8	102	3	35
	71-11-09	1347	.5	5.6	--	--	--	--	--	--	--	--	--
	72-03-21	1255	2.0	8.0	--	--	--	--	--	--	--	--	--
	72-05-01	1613	4.5	10	--	--	--	--	--	--	--	--	--
	72-05-31	1515	7.5	114	--	--	--	--	--	--	--	--	--
	72-06-22	1335	6.5	67	--	--	--	--	--	--	--	--	--
	72-08-02	0955	7.5	12	--	--	--	--	--	--	--	--	--
	72-08-18	0930	7.0	6.7	--	--	--	--	--	--	--	--	--
	72-09-13	1150	5.5	5.2	--	--	--	--	--	--	--	--	--
	72-10-03	1210	9.0	5.6	--	--	--	--	--	--	--	--	--
	72-11-07	1125	.0	13	--	--	--	--	--	--	--	--	--
	73-03-27	--	.5	3.0	4.0	33	11	2.0	--	.6	124	0	24
	73-05-15	--	5.0	38	3.5	3.1	.7	1.0	--	.7	10	0	3.8
	73-06-08	1200	6.0	53	3.5	19	6.0	1.0	--	.5	74	0	10
	73-07-12	1055	9.0	18	--	9.1	6.6	--	--	--	79	0	--
	73-08-14	1340	11.0	13	--	--	--	--	--	--	--	--	--
	73-09-12	1115	7.0	11	--	--	--	--	--	--	--	--	--
	73-10-23	1820	3.0	6.0	--	--	--	--	--	--	--	--	--
	73-11-13	1045	.5	6.0	--	--	--	--	--	--	--	--	--
	74-03-21	1125	.0	5.0	--	--	--	--	--	--	--	--	--
	74-05-21	1440	5.0	30	--	--	--	--	--	--	--	--	--
	74-06-27	0940	6.0	30	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
8.5	--	--	--	--	--	--	--	357	587	290	36	.5	8.0	
5.3	--	--	--	--	--	--	--	324	545	260	33	.4	8.2	
9.0	.28	--	--	.00	.2	110	--	336	560	270	44	.5	8.0	
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
--	--	--	--	--	--	--	--	--	580	--	--	--	--	
8.2	.35	--	--	.09	.1	60	--	338	569	280	52	.4	8.3	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	340	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
1.2	--	--	--	--	--	--	--	--	27	--	--	--	--	
--	--	--	--	--	--	--	20	--	34	12	2	.1	7.8	BR
.4	--	--	--	--	--	--	67	--	115	48	5	.1	7.6	BR
--	--	--	--	--	--	--	12	--	20	--	--	--	--	BR
.0	--	--	--	--	--	--	20	--	30	10	4	.0	7.8	BR
--	--	--	--	--	--	--	19	--	30	--	--	--	--	BR
--	--	--	--	--	--	--	18	--	28	--	--	--	--	BR
.0	--	--	--	--	--	--	41	--	34	17	7	.3	8.1	BR
1.1	--	--	--	--	--	--	25	--	46	16	8	.2	8.2	BR
.7	--	--	--	--	--	--	16	--	27	15	6	.3	7.6	BR
.4	--	--	--	--	--	--	39	--	49	24	5	.1	7.4	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
1.8	--	--	--	--	--	--	55	--	78	34	7	.2	7.7	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
1.1	--	--	--	--	--	--	56	--	102	46	7	.1	8.0	BR
--	--	--	--	--	--	--	--	--	185	--	--	--	--	
2.4	--	--	--	--	--	--	--	68	125	58	8	.1	8.1	
1.7	--	--	--	--	--	--	--	19	20	9	0	.2	6.6	
--	--	--	--	--	--	--	--	--	22	3	0	--	8.3	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	55	--	--	--	--	
--	--	--	--	--	--	--	--	--	50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
1.4	--	--	--	--	--	--	112	--	203	98	17	.0	7.9	BR
10	--	--	--	--	--	--	316	--	519	250	57	.5	--	BR
.7	--	--	--	--	--	--	68	--	128	58	7	.1	8.2	BR
.0	--	--	--	--	--	--	101	--	187	94	22	.0	8.5	BR
.4	--	--	--	--	--	--	60	--	117	52	9	.1	8.2	BR
1.1	--	--	--	--	--	--	113	--	167	82	12	.1	8.1	BR
.0	--	--	--	--	--	--	117	--	234	120	31	.1	8.3	BR
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	230	--	--	--	--	
--	--	--	--	--	--	--	--	--	210	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
--	--	--	--	--	--	--	--	--	190	--	--	--	--	
--	--	--	--	--	--	--	--	--	195	--	--	--	--	
--	--	--	--	--	--	--	--	--	250	--	--	--	--	
--	--	--	--	--	--	--	--	--	240	--	--	--	--	
--	--	--	--	--	--	--	--	--	245	--	--	--	--	
--	--	--	--	--	--	--	--	--	335	--	--	--	--	
1.4	--	--	--	--	--	--	--	138	256	130	26	.1	8.0	
.9	--	--	--	--	--	--	--	18	29	11	2	.1	7.8	
1.2	--	--	--	--	--	--	--	78	142	72	11	.1	8.0	
--	--	--	--	--	--	--	--	--	158	50	0	--	8.2	
--	--	--	--	--	--	--	--	--	275	--	--	--	--	
--	--	--	--	--	--	--	--	--	190	--	--	--	--	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	180	--	--	--	--	
--	--	--	--	--	--	--	--	--	55	--	--	--	--	
--	--	--	--	--	--	--	--	--	120	--	--	--	--	
--	--	--	--	--	--	--	--	--	130	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09278500	57-10-24	--	--	50	--	--	--	--	--	--	24	0	--
09279000	57-10-24	--	--	82	5.6	16	4.9	3.3	--	--	64	0	12
	58-05-22	--	--	819	3.4	5.6	1.2	--	1.0	--	18	0	4.3
	58-08-25	--	--	88	4.2	16	5.8	--	.6	--	62	0	11
	62-04-03	--	--	40	--	17	6.0	2.3	--	.4	65	0	17
	62-04-04	--	--	100	--	39	16	7.4	--	1.2	109	6	67
	62-04-18	--	--	180	--	27	8.4	3.9	--	1.2	73	0	45
	62-05-17	--	--	420	--	11	3.2	2.3	--	.8	40	0	11
	62-06-19	--	--	1000	--	10	2.0	.9	--	.8	33	0	8.2
	62-07-12	--	--	330	--	10	3.9	2.3	--	.4	41	0	12
	62-08-01	--	--	150	--	37	4.5	2.8	--	.8	54	0	22
	62-08-17	--	--	90	--	18	6.4	3.9	--	.4	66	0	23
	62-10-16	--	--	50	--	28	8.8	4.4	--	.8	85	0	38
	62-12-03	--	--	30	--	40	12	5.5	--	.8	102	4	61
	63-02-06	--	--	20	--	46	12	6.9	--	1.6	124	0	66
	63-04-10	--	--	25	--	43	13	6.7	--	.8	107	5	70
	63-04-23	--	--	35	--	38	12	6.4	--	.8	107	4	55
	65-08-03	--	--	330	--	6.8	5.5	.5	--	.4	27	0	18
	65-08-30	--	--	150	--	--	--	1.4	--	.4	40	0	1.0
	65-09-27	--	--	130	--	10	2.8	1.4	--	.4	35	0	9.6
	65-11-01	--	--	65	--	--	--	1.8	--	.8	51	0	19
	67-04-03	--	--	30	--	20	7.4	2.8	--	.8	73	0	24
	67-05-18	--	--	250	--	9.8	2.3	2.1	--	.8	31	0	12
	67-06-12	--	--	690	--	5.4	1.7	.9	--	.4	20	0	6.7
	67-07-13	--	--	450	--	6.0	2.2	.5	--	.4	22	0	5.3
	67-08-09	--	--	180	--	10	2.3	.9	--	.4	34	0	6.7
	67-09-14	--	--	75	--	13	4.0	1.8	--	.8	49	0	12
	70-04-10	--	--	--	--	20	6.8	2.5	--	.8	76	0	18
	71-08-24	--	--	--	--	12	3.3	1.8	--	.8	45	0	9.6
	71-10-06	--	--	--	--	13	3.6	1.8	--	.4	48	0	14
	71-11-09	0955	.5	105	--	--	--	--	--	--	--	--	--
	71-11-17	--	--	--	--	28	9.5	3.2	--	.8	85	0	40
	71-12-07	1005	.0	71	--	--	--	--	--	--	--	--	--
	72-03-21	1521	4.0	59	--	--	--	--	--	--	--	--	--
	72-04-27	1120	5.0	66	--	--	--	--	--	--	--	--	--
	72-06-01	0905	8.5	1740	--	--	--	--	--	--	--	--	--
	72-06-22	1500	10.5	642	--	--	--	--	--	--	--	--	--
	72-08-03	0920	10.5	113	--	--	--	--	--	--	--	--	--
	72-08-18	1253	12.5	89	--	--	--	--	--	--	--	--	--
	72-09-13	1450	10.5	64	--	--	--	--	--	--	--	--	--
	72-09-20	--	--	--	--	14	4.6	1.4	--	.8	56	0	12
	72-10-03	1535	11.0	60	--	--	--	--	--	--	--	--	--
	72-11-07	1645	2.0	87	--	--	--	--	--	--	--	--	--
	73-03-22	1000	2.0	50	--	--	--	--	--	--	--	--	--
	73-03-27	--	2.0	50	4.2	20	6.3	2.5	--	.6	77	0	17
	73-05-10	--	--	--	--	10	3.0	1.4	--	.8	39	0	11
	73-05-15	1445	7.5	304	3.4	6.8	1.9	1.1	--	.5	32	0	5.5
	73-05-24	--	--	--	--	4.8	1.2	.7	--	.4	16	0	7.2
	73-06-08	--	9.0	902	2.8	4.6	1.4	1.0	--	.4	17	0	4.1
	73-07-18	1030	11.0	263	2.9	9.8	2.3	1.0	--	.4	34	0	7.2
	73-08-07	--	--	--	--	8.6	2.6	1.2	--	.4	35	0	5.8
	73-08-14	0905	11.0	122	--	--	--	--	--	--	--	--	--
	73-09-12	1305	10.0	147	--	--	--	--	--	--	--	--	--
	73-10-23	1600	5.5	62	--	--	--	--	--	--	--	--	--
	73-11-13	1430	3.0	64	--	--	--	--	--	--	--	--	--
	74-03-21	1445	2.0	37	--	--	--	--	--	--	--	--	--
	74-05-02	1020	6.0	129	--	--	--	--	--	--	--	--	--
	74-06-06	0945	8.0	762	--	--	--	--	--	--	--	--	--
	74-06-27	1100	11.0	346	--	--	--	--	--	--	--	--	--
09279100	47-05-14	--	--	504	--	9.6	3.7	--	3.9	--	38	--	12
	47-05-14	1145	--	--	--	9.6	3.7	--	3.9	--	38	0	12
	47-05-14	1315	--	--	--	24	7.2	--	3.9	--	92	0	18
	47-09-20	--	--	94	4.7	22	7.1	--	20	--	112	0	26
	48-06-09	1410	--	574	3.0	--	--	--	--	--	32	0	8.2
	63-05-23	--	--	--	--	9.6	2.2	1.8	--	.8	29	0	12
	63-06-25	--	--	--	--	9.4	2.4	1.2	--	.4	34	0	8.6
	63-07-17	--	--	--	--	16	4.3	2.1	--	.8	52	0	19
	63-08-13	--	--	--	--	27	5.4	2.3	--	.4	71	0	31
	63-09-18	--	--	--	--	27	5.6	3.0	--	.4	73	0	32
	63-10-10	--	--	--	--	21	7.0	3.0	--	.4	71	0	27
	63-11-05	--	--	80	--	27	6.8	3.0	--	.4	73	0	36
	64-02-17	--	--	45	--	39	10	5.1	--	.8	98	3	56
	64-04-02	--	--	60	--	40	10	5.8	--	.8	106	0	60
	64-04-28	--	--	65	--	34	11	5.8	--	.8	107	0	45

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	60	24	4	--	7.3	
--	--	--	--	--	--	--	--	75	134	60	8	.2	7.4	
1.0	--	.70	--	--	--	--	35	--	42	19	4	--	6.9	
2.0	--	.40	--	--	--	--	--	--	122	64	13	--	7.6	
1.8	--	--	--	--	--	--	90	--	149	67	14	.1	8.5	BR
7.4	--	--	--	--	--	0	219	--	348	160	64	.3	8.4	BR
3.2	--	--	--	--	--	--	118	--	194	100	42	.2	8.3	BR
1.1	--	--	--	--	--	--	56	--	99	41	8	.2	7.7	BR
1.1	--	--	--	--	--	--	43	--	73	33	6	.1	7.7	BR
1.1	--	--	--	--	--	0	37	--	100	41	7	.2	8.1	BR
1.4	--	--	--	--	--	--	66	--	138	110	67	.2	7.9	BR
2.1	--	--	--	--	--	0	85	--	172	71	17	.2	8.0	BR
4.3	--	--	--	--	--	0	122	--	234	110	36	.2	7.8	BR
5.3	--	--	--	--	--	--	173	--	297	150	59	.2	8.2	BR
8.5	--	--	--	--	--	--	227	--	361	160	63	.2	8.1	BR
6.4	--	--	--	--	--	--	197	--	324	160	65	.2	8.3	BR
7.1	--	--	--	--	--	0	192	--	325	140	50	.2	8.3	BR
.4	--	--	--	--	--	--	31	--	59	40	17	.0	7.3	BR
3.9	--	--	--	--	--	--	35	--	60	--	--	.1	7.8	BR
1.1	--	--	--	--	--	--	42	--	81	37	8	.1	7.4	BR
2.1	--	--	--	--	--	--	56	--	108	--	--	.1	7.9	BR
2.5	--	--	--	--	--	--	86	--	157	80	21	.1	7.8	BR
1.1	--	--	--	--	--	--	50	--	71	34	9	.2	7.4	BR
.0	--	--	--	--	--	--	41	--	44	20	4	.1	7.2	BR
1.4	--	--	--	--	--	--	30	--	49	24	6	.0	7.5	BR
1.4	--	--	--	--	--	--	50	--	72	34	7	.1	7.6	BR
.7	--	--	--	--	--	--	42	--	--	49	9	.1	7.6	BR
2.5	--	--	--	--	--	--	87	--	160	78	16	.1	8.0	BR
.7	--	--	--	--	--	--	53	--	93	44	7	.1	8.1	BR
.7	--	--	--	--	--	--	57	--	104	47	8	.1	8.0	BR
--	--	--	--	--	--	--	--	--	135	--	--	--	--	
4.3	--	--	--	--	--	--	138	--	226	110	39	.1	8.2	BR
--	--	--	--	--	--	--	--	--	145	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
--	--	--	--	--	--	--	--	--	145	--	--	--	--	
--	--	--	--	--	--	--	--	--	105	--	--	--	--	
--	--	--	--	--	--	--	--	--	105	--	--	--	--	
--	--	--	--	--	--	--	--	--	110	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
--	--	--	--	--	--	--	--	--	165	--	--	--	--	
1.8	--	--	--	--	--	--	87	--	160	54	8	.1	8.0	BR
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
--	--	--	--	--	--	--	--	--	255	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
3.0	--	--	--	--	--	--	--	92	166	76	13	.1	7.4	
1.1	--	--	--	--	--	--	66	--	89	37	5	.1	7.8	BR
1.7	--	--	--	--	--	--	--	37	58	25	0	.1	7.6	
.0	--	--	--	--	--	--	28	--	41	17	4	.1	7.5	BR
.9	--	--	--	--	--	--	--	24	37	17	3	.1	7.7	
1.2	--	--	--	--	--	--	--	42	68	34	6	.1	8.3	
.0	--	--	--	--	--	--	41	--	75	32	3	.1	7.8	BR
--	--	--	--	--	--	--	--	--	195	--	--	--	--	
--	--	--	--	--	--	--	--	--	85	--	--	--	--	
--	--	--	--	--	--	--	--	--	124	--	--	--	--	
--	--	--	--	--	--	--	--	--	110	--	--	--	--	
--	--	--	--	--	--	--	--	--	180	--	--	--	--	
--	--	--	--	--	--	--	--	--	95	--	--	--	--	
--	--	--	--	--	--	--	--	--	60	--	--	--	--	
--	--	--	--	--	--	--	--	--	55	--	--	--	--	
2.0	--	1.0	--	--	--	--	51	--	85	39	8	--	--	
2.0	--	1.0	--	--	--	--	--	--	85	39	8	--	--	
2.0	--	1.5	--	--	--	--	--	--	183	90	14	--	--	
6.0	--	.5	--	--	--	--	142	--	188	84	0	1.0	--	
1.2	--	.20	--	--	--	--	--	--	71	--	--	--	--	
.7	--	--	--	--	--	--	42	--	72	33	9	.1	8.3	BR
.0	--	--	--	--	--	--	44	--	74	33	5	.1	8.1	BR
1.4	--	--	--	--	--	--	84	--	130	58	15	.1	7.6	BR
3.2	--	--	--	--	--	--	83	--	178	90	31	.1	7.8	BR
3.2	--	--	--	--	--	--	82	--	186	90	31	.1	7.9	BR
2.8	--	--	--	--	--	--	90	--	188	81	23	.1	7.9	BR
4.3	--	--	--	--	--	--	113	--	201	95	36	.1	7.9	BR
5.0	--	--	--	--	--	--	187	--	296	140	53	.2	8.3	BR
6.0	--	--	--	--	--	--	183	--	305	140	54	.2	7.7	BR
7.1	--	--	--	--	--	--	181	--	293	130	42	.2	7.8	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO_3) (MG/L)	CARBONATE (CO_3) (MG/L)	DISSOLVED SULFATE (SO_4) (MG/L)
09279100 -- CONT.	64-06-03	--	--	750	--	9.0	2.3	1.2	--	.4	32	0	7.7
	64-07-01	--	--	950	--	7.6	1.8	1.2	--	.4	26	0	4.3
	64-08-03	--	--	145	--	18	5.5	2.8	--	.8	62	0	21
	64-09-01	--	--	80	--	27	4.5	2.8	--	.8	70	0	29
	64-09-30	--	--	60	--	33	8.4	4.8	--	.8	90	0	47
	64-11-19	--	--	60	--	33	12	5.3	--	.8	93	5	48
	65-02-01	--	--	55	--	36	12	5.3	--	.8	104	1	52
	71-09-10	1030	12.0	91	--	--	--	--	--	--	--	--	--
	71-10-08	1300	11.5	86	--	--	--	--	--	--	--	--	--
	71-11-08	1432	3.0	54	--	--	--	--	--	--	--	--	--
	71-12-07	1240	.0	67	--	--	--	--	--	--	--	--	--
	72-01-11	0940	.0	57	--	--	--	--	--	--	--	--	--
	72-02-15	1020	.0	46	--	--	--	--	--	--	--	--	--
	72-03-23	0835	7.0	65	--	--	--	--	--	--	--	--	--
	72-04-27	1405	14.0	70	--	--	--	--	--	--	--	--	--
	72-06-01	1305	9.0	1710	--	--	--	--	--	--	--	--	--
	72-06-21	1005	11.0	697	--	--	--	--	--	--	--	--	--
	72-08-01	1405	--	106	--	--	--	--	--	--	--	--	--
	72-08-29	1400	17.0	83	--	--	--	--	--	--	--	--	--
	72-09-13	1625	16.5	63	--	--	--	--	--	--	--	--	--
	72-10-04	1400	11.0	72	--	--	--	--	--	--	--	--	--
	72-11-08	1320	3.0	91	--	--	--	--	--	--	--	--	--
	72-12-07	0935	.0	54	--	--	--	--	--	--	--	--	--
	73-03-01	1352	.0	43	--	--	--	--	--	--	--	--	--
	73-03-14	--	2.0	49	--	36	12	5.1	--	.9	114	0	52
	73-04-11	0945	4.0	71	--	--	--	--	--	--	--	--	--
	73-05-16	0855	6.0	424	--	--	--	--	--	--	--	--	--
	73-05-30	--	6.0	165	3.9	17	3.7	2.2	--	.7	59	0	13
	73-06-12	1500	12.0	1080	2.5	7.3	1.8	.9	--	.4	29	0	6.9
	73-07-18	1400	17.0	284	--	14	3.7	--	--	--	52	0	--
	73-08-15	0900	16.0	113	3.8	19	5.7	3.0	--	.6	63	0	24
	73-08-22	1040	16.0	90	3.7	18	5.2	2.4	--	.8	59	0	21
	73-10-23	1500	8.0	64	--	--	--	--	--	--	--	--	--
	73-11-13	1710	5.5	74	--	--	--	--	--	--	--	--	--
	74-01-11	1230	.0	46	--	--	--	--	--	--	--	--	--
	74-02-15	0900	1.0	45	--	--	--	--	--	--	--	--	--
	74-03-20	1340	6.0	61	--	--	--	--	--	--	--	--	--
	74-05-02	1155	11.0	142	--	--	--	--	--	--	--	--	--
	74-06-06	1145	10.0	782	--	--	--	--	--	--	--	--	--
	74-06-27	1300	16.0	343	--	--	--	--	--	--	--	--	--
09279150	47-05-14	--	--	1230	--	24	7.2	--	3.9	--	92	--	18
	47-09-20	--	--	220	9.5	51	20	--	12	--	188	--	63
	48-06-09	--	--	1100	3.3	20	6.1	--	9.0	--	84	--	20
	58-04-30	--	--	200	--	47	19	11	--	.8	185	0	57
	58-06-04	--	--	600	--	20	7.4	3.4	--	.4	89	0	14
	58-07-15	--	--	--	--	43	16	12	--	.8	170	4	48
	58-09-24	--	--	100	--	53	24	18	--	1.6	182	14	95
	58-11-25	--	--	37	--	48	22	15	--	1.6	190	5	69
	59-05-07	--	--	50	--	41	17	12	--	1.6	140	11	58
	59-06-18	--	--	500	--	15	6.6	4.8	--	.8	74	0	12
	59-07-27	--	--	200	--	39	17	13	--	.8	159	4	45
	59-08-20	--	--	--	--	56	21	24	--	4.7	228	6	72
	59-09-28	--	--	50	--	47	20	14	--	1.2	176	9	56
	59-11-10	--	--	80	--	49	20	14	--	.8	178	9	62
	60-04-21	--	--	50	--	45	6.9	12	--	1.2	160	4	58
	60-06-01	--	--	100	--	16	19	5.1	--	1.2	71	2	11
	60-07-12	--	--	150	--	41	14	11	--	1.2	165	0	39
	60-08-05	--	--	175	--	50	19	14	--	1.6	187	4	58
	60-09-02	--	--	150	--	47	22	14	--	1.2	167	7	72
	60-09-29	--	--	125	--	55	23	19	--	2.0	197	12	75
	60-11-02	--	--	125	--	53	23	14	--	1.2	185	11	73
	60-12-12	--	--	150	--	55	22	13	--	1.2	192	6	76
	61-01-30	--	--	175	--	60	25	13	--	1.2	204	4	89
	61-04-04	--	--	125	--	34	19	13	--	1.2	127	4	69
	61-05-02	--	--	200	--	45	13	9.4	--	.8	132	7	55
	61-05-25	--	--	300	--	26	6.9	9.6	--	.8	84	0	30
	61-08-03	--	--	175	--	48	19	14	--	1.6	178	9	59
	61-09-28	--	--	250	--	35	14	7.4	--	.8	122	2	50
	61-11-16	--	--	200	--	41	17	8.7	--	.8	145	4	57
	61-12-12	--	--	250	--	68	20	14	--	1.2	217	6	79
	62-02-08	--	--	250	--	32	18	11	--	1.2	121	2	53
	62-04-04	--	--	200	--	52	16	12	--	2.0	151	6	74
	62-04-18	--	--	350	--	36	11	6.7	--	1.2	121	0	45
	62-05-17	--	--	1500	--	32	7.5	4.6	--	1.2	110	0	26
	62-06-06	--	--	--	--	25	7.4	4.4	--	1.2	89	3	24
	62-06-19	--	--	1750	--	29	6.8	3.9	--	1.2	99	0	26
	62-07-10	--	--	--	--	30	11	6.2	--	.4	111	4	29
	62-07-12	--	--	600	--	37	11	7.4	--	.8	130	0	42

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.7	--	--	--	--	--	--	43	--	74	34	6	.1	7.4	BR
3.2	--	--	--	--	--	--	34	--	63	27	6	.1	8.1	BR
2.1	--	--	--	--	--	--	85	--	148	60	17	.1	8.2	BR
3.9	--	--	--	--	--	--	105	--	189	80	29	.1	7.9	BR
4.6	--	--	--	--	--	--	136	--	249	120	43	.2	7.7	BR
5.0	--	--	--	--	--	--	173	--	277	130	47	.2	8.5	BR
6.7	--	--	--	--	--	--	161	--	295	140	52	.2	8.4	BR
--	--	--	--	--	--	--	--	--	175	--	--	--	--	
--	--	--	--	--	--	--	--	--	204	--	--	--	--	
--	--	--	--	--	--	--	--	--	155	--	--	--	--	
--	--	--	--	--	--	--	--	--	235	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	270	--	--	--	--	
--	--	--	--	--	--	--	--	--	265	--	--	--	--	
--	--	--	--	--	--	--	--	--	145	--	--	--	--	
--	--	--	--	--	--	--	--	--	13	--	--	--	--	
--	--	--	--	--	--	--	--	--	165	--	--	--	--	
--	--	--	--	--	--	--	--	--	250	--	--	--	--	
--	--	--	--	--	--	--	--	--	235	--	--	--	--	
--	--	--	--	--	--	--	--	--	250	--	--	--	--	
--	--	--	--	--	--	--	--	--	325	--	--	--	--	
--	--	--	--	--	--	--	--	--	210	--	--	--	--	
--	--	--	--	--	--	--	--	--	380	--	--	--	--	
5.5	.09	--	.03	--	--	--	--	172	301	140	46	.2	8.0	
--	--	--	--	--	--	--	--	--	340	--	--	--	--	
--	--	--	--	--	--	--	--	--	165	--	--	--	--	
2.0	--	--	--	--	--	--	--	72	127	58	9	.1	8.2	
1.3	--	--	--	--	--	--	--	36	61	28	2	.1	7.4	
--	--	--	--	--	--	--	--	--	110	50	8	--	7.6	
2.3	.02	--	.03	.03	.1	30	--	90	260	71	19	.2	7.9	
1.6	--	--	--	--	--	--	--	82	147	66	19	.1	8.1	
--	--	--	--	--	--	--	--	--	235	--	--	--	--	
--	--	--	--	--	--	--	--	--	210	--	--	--	--	
--	--	--	--	--	--	--	--	--	300	--	--	--	--	
--	--	--	--	--	--	--	--	--	150	--	--	--	--	
--	--	--	--	--	--	--	--	--	300	--	--	--	--	
--	--	--	--	--	--	--	--	--	190	--	--	--	--	
--	--	--	--	--	--	--	--	--	60	--	--	--	--	
--	--	--	--	--	--	--	--	--	70	--	--	--	--	
2.0	--	1.5	--	--	--	--	--	102	183	90	14	--	--	
10	--	1.1	--	--	--	--	--	259	453	200	55	--	--	
3.0	--	.50	--	--	--	--	--	105	164	75	6	--	--	
6.4	--	--	--	--	--	370	277	--	428	200	44	.3	7.3	BR
.4	--	--	--	--	--	370	110	--	186	80	7	.2	6.8	BR
4.3	--	--	--	--	--	370	241	--	383	170	26	.4	--	BR
8.5	--	--	--	--	--	40	312	--	480	230	58	.5	8.3	BR
8.2	--	--	--	--	--	180	306	--	468	210	46	.5	8.4	BR
6.0	--	--	--	--	--	30	219	--	381	170	39	.4	8.5	BR
1.8	--	--	--	--	--	0	82	--	171	65	4	.3	8.2	BR
9.9	--	--	--	--	--	80	212	--	370	170	30	.4	8.3	BR
7.8	--	--	--	--	--	150	355	--	525	230	29	.7	--	BR
8.5	--	--	--	--	--	150	282	--	430	200	40	.4	8.3	BR
7.4	--	--	--	--	--	--	266	--	429	210	44	.4	8.3	BR
7.8	--	--	--	--	--	--	237	--	390	140	2	.4	8.5	BR
5.3	--	--	--	--	--	--	108	--	181	120	57	.3	8.2	BR
7.4	--	--	--	--	--	--	218	--	373	160	25	.4	7.8	BR
11	--	--	--	--	--	--	267	--	429	200	43	.4	--	BR
8.5	--	--	--	--	--	--	262	--	424	210	59	.4	8.4	BR
12	--	--	--	--	--	--	316	--	493	230	50	.5	8.5	BR
8.9	--	--	--	--	--	--	300	--	457	230	57	.4	8.5	BR
8.5	--	--	--	--	--	--	305	--	463	230	60	.4	8.5	BR
11	--	--	--	--	--	--	309	--	492	250	79	.4	8.3	BR
8.9	--	--	--	--	--	--	241	--	377	160	53	.4	8.4	BR
6.7	--	--	--	--	--	--	209	--	345	170	46	.3	8.5	BR
2.8	--	--	--	--	--	0	127	--	189	93	24	.2	8.4	BR
2.1	--	--	--	--	--	--	271	--	429	200	38	.4	8.5	BR
5.0	--	--	--	--	--	0	182	--	290	150	42	.3	8.2	BR
5.7	--	--	--	--	--	0	224	--	356	170	46	.3	8.3	BR
9.6	--	--	--	--	--	0	328	--	503	250	64	.4	8.2	BR
6.7	--	--	--	--	--	0	211	--	351	150	51	.4	8.4	BR
7.4	--	--	--	--	--	110	238	--	403	200	61	.4	8.3	BR
3.9	--	--	--	--	--	0	183	--	290	140	36	.3	8.1	BR
3.6	--	--	--	--	--	100	137	--	237	110	21	.2	8.0	BR
1.4	--	--	--	--	--	0	121	--	195	93	14	.2	8.4	BR
2.1	--	--	--	--	--	--	--	121	203	100	19	.2	7.9	BR
3.6	--	--	--	--	--	--	130	--	252	120	23	.2	8.4	BR
3.2	--	--	--	--	--	--	180	--	271	140	31	.3	8.2	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09279150 — CONT.	62-08-01	--	--	350	--	41	16	22	--	1.2	161	6	69
	62-08-17	--	--	300	--	54	19	15	--	1.6	187	7	66
	62-09-05	--	--	250	--	57	20	19	--	2.4	219	0	72
	62-09-19	--	--	250	--	57	23	17	--	1.6	224	0	75
	62-10-16	--	--	400	--	56	21	16	--	1.2	225	0	62
	62-12-03	--	--	80	--	41	23	14	--	1.6	159	3	78
	63-02-06	--	--	100	--	57	21	14	--	2.0	205	9	63
	63-04-10	--	--	80	--	39	19	11	--	1.2	127	5	77
	63-04-23	--	--	90	--	36	22	12	--	1.2	125	5	83
	63-05-23	--	--	800	--	23	6.2	2.8	--	.8	89	0	19
	63-06-25	--	--	1500	--	30	8.3	5.3	--	.8	99	0	33
	63-07-17	--	--	150	--	45	15	10	--	1.2	169	0	50
	63-08-13	--	--	250	--	47	22	19	--	1.6	189	7	74
	63-09-18	--	--	--	--	48	19	12	--	1.6	118	5	59
	63-10-10	--	--	150	--	49	20	13	--	1.2	190	4	60
	63-11-05	--	--	--	--	54	20	13	--	1.2	192	5	69
	64-02-17	--	--	60	--	57	21	11	--	.8	194	3	73
	64-04-02	--	--	150	--	54	19	11	--	1.6	176	7	67
	64-04-28	--	--	120	--	52	21	12	--	1.2	159	15	70
	64-06-03	--	--	800	--	25	8.0	3.7	--	.4	92	0	21
	64-07-01	--	--	700	--	23	5.6	3.4	--	.4	75	0	21
	64-08-03	--	--	250	--	47	15	12	--	1.6	171	4	49
	64-09-01	--	--	80	--	56	20	14	--	1.6	211	0	66
	64-09-30	--	--	60	--	61	23	17	--	1.6	239	0	72
	64-11-18	--	--	100	--	50	22	14	--	1.6	196	13	49
	65-04-07	--	--	70	--	44	23	15	--	1.6	161	3	84
	65-05-19	--	--	800	--	34	9.4	5.5	--	.8	120	0	36
	65-06-14	--	--	3000	--	36	5.6	3.9	--	.8	126	0	17
	65-07-09	--	--	1100	--	22	4.1	3.4	--	.4	40	19	13
	65-08-03	--	--	800	--	33	13	6.7	--	.8	124	2	37
	65-08-30	--	--	400	--	--	--	9.4	--	1.2	166	0	43
	65-09-27	--	--	200	--	41	15	8.7	--	1.2	159	0	45
	65-11-01	--	--	100	--	--	--	12	--	.8	139	7	55
	66-01-04	--	--	100	--	--	--	11	--	2.0	164	0	60
	66-03-14	--	--	125	--	--	--	12	--	2.4	184	0	61
	66-04-04	--	--	225	--	--	--	8.1	--	.8	153	0	46
	66-05-05	--	--	1200	--	--	--	4.4	--	1.2	115	0	22
	66-05-31	--	--	800	--	21	6.9	4.1	--	.8	80	0	21
	66-07-29	--	--	200	--	52	14	11	--	1.2	195	0	44
	71-08-23	--	--	233	--	48	18	14	--	1.6	178	12	53
	71-10-06	--	--	175	--	50	24	12	--	1.2	209	9	61
	71-11-16	1615	4.5	202	--	--	--	--	--	--	--	--	--
	71-11-17	--	--	199	--	59	22	11	--	1.6	219	0	63
	71-12-15	1530	.0	194	--	--	--	--	--	--	--	--	--
	72-01-12	1500	1.0	176	--	--	--	--	--	--	--	--	--
	72-02-15	1220	2.0	154	--	--	--	--	--	--	--	--	--
	72-03-16	1300	10.0	204	--	--	--	--	--	--	--	--	--
	72-04-14	0815	3.0	262	--	--	--	--	--	--	--	--	--
	72-05-12	--	--	380	--	41	14	10	--	1.2	149	0	51
	72-05-17	1000	--	919	--	--	--	--	--	--	--	--	--
	72-06-01	1530	9.0	2800	--	--	--	--	--	--	--	--	--
	72-06-28	--	--	597	--	31	7.7	6.7	--	1.2	114	0	26
	72-07-26	--	--	313	--	45	15	11	--	1.6	167	15	47
	72-08-24	1115	13.0	142	--	--	--	--	--	--	--	--	--
	72-09-14	1400	14.0	166	--	--	--	--	--	--	--	--	--
	72-09-19	--	--	186	--	34	25	24	--	2.4	149	13	90
	72-10-13	--	--	85	--	56	22	18	--	2.0	221	0	72
	72-11-07	1510	4.0	234	--	--	--	--	--	--	--	--	--
	73-01-23	0930	--	165	--	--	--	--	--	--	--	--	--
	73-02-27	1030	3.0	171	--	--	--	--	--	--	--	--	--
	73-03-27	1055	5.0	203	7.0	55	21	13	--	2.2	210	0	72
	73-04-25	1515	12.0	233	--	--	--	--	--	--	--	--	--
	73-05-16	1525	13.0	1020	--	--	--	--	--	--	--	--	--
	73-05-22	--	8.0	2350	4.6	25	5.0	2.8	--	.9	93	0	12
	73-05-25	--	--	820	--	23	5.0	3.2	--	.8	83	0	16
	73-06-06	1315	11.0	1280	--	--	--	--	--	--	--	--	--
	73-06-20	1045	8.0	819	--	--	--	--	--	--	--	--	--
	73-07-11	0900	15.0	340	--	--	--	--	--	--	--	--	--
	73-07-12	--	--	140	--	36	12	7.6	--	1.2	143	0	33
	73-07-23	--	--	104	--	36	12	7.1	--	1.2	140	0	34
	73-08-16	1000	16.0	167	6.9	45	17	12	--	1.4	190	0	44
	73-08-22	--	13.0	200	7.0	46	18	13	--	1.5	199	0	56
	73-09-04	--	--	82	--	39	18	13	--	1.6	158	4	55
	73-09-11	1500	11.0	276	--	--	--	--	--	--	--	--	--
	73-10-24	1640	9.0	188	--	--	--	--	--	--	--	--	--
	73-11-16	0905	.0	246	--	--	--	--	--	--	--	--	--
	74-01-07	1530	.0	239	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
5.0	--	--	--	--	--	160	232	--	368	170	27	.7	8.3	
8.9	--	--	--	--	--	--	284	--	432	210	48	.5	8.3	
12	--	--	--	--	--	--	294	--	499	230	45	.5	7.8	
11	--	--	--	--	--	--	317	--	499	240	53	.5	7.9	
8.9	--	--	--	--	--	110	319	--	489	230	42	.5	8.0	
9.2	--	--	--	--	--	--	253	--	418	200	62	.4	8.2	
10	--	--	--	--	--	150	313	--	489	230	46	.4	8.4	
7.1	--	--	--	--	--	--	236	--	376	180	63	.4	8.5	
8.9	--	--	--	--	--	--	244	--	393	180	69	.4	8.4	
1.1	--	--	--	--	--	0	104	--	183	83	10	.1	8.2	
3.2	--	--	--	--	--	--	140	--	218	110	28	.2	8.3	
5.0	--	--	--	--	--	--	220	--	364	170	35	.3	8.0	
6.7	--	--	--	--	--	--	269	--	466	210	41	.6	8.2	
6.7	--	--	--	--	--	--	226	--	418	200	93	.4	8.2	
6.7	--	--	--	--	--	--	231	--	434	210	43	.4	8.2	
7.1	--	--	--	--	--	--	241	--	450	220	52	.4	8.2	
8.2	--	--	--	--	--	--	264	--	468	230	65	.3	8.6	
9.9	--	--	--	--	--	--	282	--	440	210	58	.3	8.5	
9.2	--	--	--	--	--	--	275	--	443	220	61	.4	8.5	
.7	--	--	--	--	--	--	113	--	188	95	20	.2	7.8	
2.8	--	--	--	--	--	--	78	--	163	80	19	.2	7.8	
5.3	--	--	--	--	--	--	229	--	372	180	32	.4	8.4	
8.5	--	--	--	--	--	--	275	--	468	220	49	.4	8.0	
9.6	--	--	--	--	--	--	301	--	505	250	51	.5	8.2	
9.6	--	--	--	--	--	--	277	--	490	220	33	.4	8.4	
8.9	--	--	--	--	--	--	281	--	434	210	67	.4	8.3	
1.8	--	--	--	--	--	--	158	--	251	120	25	.2	8.1	
.4	--	--	--	--	--	--	134	--	227	110	10	.2	7.7	
1.4	--	--	--	--	--	--	89	--	156	72	7	.2	9.3	
4.3	--	--	--	--	--	--	145	--	270	140	32	.3	8.4	
4.3	--	--	--	--	--	--	208	--	345	--	--	.3	7.8	
5.3	--	--	--	--	--	--	203	--	338	160	34	.3	8.0	
8.9	--	--	--	--	--	--	212	--	372	--	--	.3	8.4	
7.1	--	--	--	--	--	--	240	--	388	--	--	.3	8.0	
7.1	--	--	--	--	--	--	240	--	419	--	--	.4	7.4	
6.0	--	--	--	--	--	--	200	--	351	--	--	.3	7.8	
3.6	--	--	--	--	--	--	159	--	227	--	--	.2	7.7	
2.1	--	--	--	--	--	--	109	--	171	81	15	.2	7.9	
6.4	--	--	--	--	--	--	245	--	421	190	28	.4	8.2	
10	--	--	--	--	--	--	235	--	386	190	28	.5	8.3	BR
8.2	--	--	--	--	--	--	272	--	447	220	37	.4	8.3	BR
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
7.4	--	--	--	--	--	--	290	--	466	240	58	.3	8.1	BR
--	--	--	--	--	--	--	--	--	420	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	450	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
5.3	--	--	--	--	--	--	215	--	345	160	38	.3	8.1	BR
--	--	--	--	--	--	--	--	--	230	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
3.9	--	--	--	--	--	--	141	--	243	110	16	.3	7.7	BR
6.0	--	--	--	--	--	--	223	--	379	170	12	.4	8.4	BR
--	--	--	--	--	--	--	--	--	415	--	--	--	--	
--	--	--	--	--	--	--	--	--	440	--	--	--	--	
9.9	--	--	--	--	--	--	271	--	447	190	44	.8	8.4	BR
9.2	--	--	--	--	--	--	308	--	492	230	49	.5	8.1	BR
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	260	--	--	--	--	
--	--	--	--	--	--	--	--	--	440	--	--	--	--	
7.9	--	--	--	--	--	--	--	282	471	220	52	.4	7.7	
--	--	--	--	--	--	--	--	--	440	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
2.9	--	--	--	--	--	--	--	99	178	83	7	.1	7.6	
.4	--	--	--	--	--	--	96	--	173	78	10	.2	8.1	BR
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
--	--	--	--	--	--	--	--	--	220	--	--	--	--	
--	--	--	--	--	--	--	--	--	340	--	--	--	--	
3.5	--	--	--	--	--	--	182	--	304	140	22	.3	7.7	BR
5.7	--	--	--	--	--	--	179	--	294	140	24	.3	7.7	BR
5.5	.09	--	.00	--	.2	--	--	226	407	180	27	.4	7.9	
5.8	.11	--	.00	--	.2	--	--	247	415	190	26	.4	8.1	
6.4	--	--	--	--	--	--	239	--	382	170	36	.4	--	BR
--	--	--	--	--	--	--	--	--	390	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SULFATE (SO_4) (MG/L)
09279150 -- CONT.	74-02-15	1115	1.0	177	--	--	--	--	--	--	--	--	--
	74-03-19	1535	6.0	205	--	--	--	--	--	--	--	--	--
	74-04-30	1440	14.0	223	--	--	--	--	--	--	--	--	--
	74-05-28	1215	12.0	2340	--	--	--	--	--	--	--	--	--
	74-06-26	0815	13.0	538	--	--	--	--	--	--	--	--	--
09279500	41-04-19	--	--	166	10	53	21	21	--	.0	179	6	99
	41-05-18	--	--	1650	3.0	23	6.8	3.4	--	.0	85	0	20
	46-07-31	1605	--	136	--	50	21	--	34	--	219	0	83
	47-03-20	1510	--	215	--	66	31	--	12	--	198	0	113
	47-05-11	1240	--	1800	--	35	8.7	--	<10	--	104	0	30
	47-05-14	1030	--	1150	--	26	8.3	--	6.7	--	98	0	28
	47-06-22	1350	--	1380	--	21	7.9	--	8.7	--	88	0	27
	47-09-20	1115	--	164	7.9	53	23	--	30	--	228	0	85
	48-06-09	1210	--	992	6.0	23	7.1	--	11	--	96	0	24
	48-09-29	1625	--	94	9.8	61	28	--	32	--	236	6	115
	49-04-07	1245	12.0	211	--	--	--	--	--	--	200	0	--
	49-07-02	--	--	926	--	23	8.4	6.0	--	2.0	97	--	23
	49-09-10	--	--	135	--	54	20	34	--	5.1	234	0	112
	49-10-14	1315	12.0	190	--	--	--	--	--	--	228	0	--
	50-06-04	1635	11.5	2130	--	--	--	--	5.5	--	116	0	18
	50-11-06	1355	10.0	151	9.4	64	28	--	27	--	249	0	107
	51-09-07	0800	13.0	175	--	--	--	--	--	--	--	--	--
	53-11-17	--	--	190	9.1	66	23	--	25	--	239	0	97
	54-08-26	1215	--	81	5.6	55	18	34	--	--	226	0	91
	55-10-19	1345	14.0	83	9.2	62	29	30	--	--	240	0	117
	56-06-28	1315	23.0	396	11	64	35	77	--	--	236	0	239

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	373	--	--	--	--	
--	--	--	--	--	--	--	--	--	150	--	--	--	--	
--	--	--	--	--	--	--	--	--	230	--	--	--	--	
11	--	.60	--	--	--	200	--	310	508	220	62	.6	--	SL
1.8	--	1.9	--	--	--	30	--	102	176	84	15	.2	7.9	SL
12	--	1.2	--	--	.1	200	--	--	503	212	32	1.0	--	DH
26	--	1.0	--	--	--	--	--	--	481	292	130	--	--	
2.0	--	2.1	--	--	--	--	--	--	202	124	38	--	--	
2.0	--	1.0	--	--	--	--	--	--	197	99	18	--	--	
3.0	--	.30	--	--	--	--	--	--	190	85	13	--	--	
10	--	1.8	--	--	--	--	--	--	520	225	40	.9	--	
4.0	--	.60	--	--	--	--	--	--	192	85	8	--	--	
9.0	--	1.0	--	--	--	--	--	--	589	267	64	.8	--	
11	--	--	--	--	--	--	--	--	507	--	--	--	--	
2.1	--	.20	--	--	--	0	--	--	220	92	12	.3	--	SU
12	--	.30	--	--	--	130	--	--	630	216	24	1.0	--	SU
8.0	--	--	--	--	--	--	--	--	543	--	--	--	--	
2.2	--	--	--	--	--	--	--	--	223	105	10	--	--	
12	--	1.3	--	--	--	--	--	--	581	274	70	.7	--	
--	--	--	--	--	--	--	--	--	478	--	--	--	--	
10	--	1.7	--	--	--	--	--	--	566	258	62	.7	7.9	
10	--	.10	--	--	--	--	--	325	524	213	28	1.0	8.2	
12	--	.70	--	--	--	--	--	378	607	274	77	.8	7.9	
20	--	1.1	--	--	--	--	--	563	859	302	108	1.9	7.8	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09279500 -- CONT.	57-03-20	1800	10.0	142	--	--	--	--	22	--	218	0	94
	57-07-26	1445	20.5	314	6.3	40	12	--	9.7	--	160	0	29
	57-10-22	--	--	250	--	--	--	--	--	--	242	0	95
	58-05-20	--	--	1070	7.8	34	8.3	--	5.0	--	122	0	24
	58-05-23	--	--	2150	6.2	28	6.3	--	3.7	--	98	0	19
	58-08-22	--	--	121	11	80	33	--	50	--	251	0	207
	59-06-18	--	--	787	--	21	8.2	6.9	--	.8	80	0	32
	59-06-26	0830	16.5	--	5.0	28	10	--	19	--	119	0	42
	59-07-27	--	--	150	--	43	19	19	--	1.2	178	3	69
	60-08-30	--	22.0	100	12	42	23	--	24	--	196	0	77
	61-08-24	1430	20.5	--	4.4	46	19	--	24	--	200	0	67
	62-04-04	--	--	386	--	41	15	17	--	3.1	153	2	60
	62-04-17	--	--	451	--	46	12	10	--	1.6	131	4	63
	62-05-16	--	--	898	--	26	8.8	6.0	--	1.2	112	0	19
	62-06-13	--	--	1300	--	28	6.7	5.3	--	1.2	98	0	25
	62-07-11	--	--	478	--	33	13	9.7	--	1.2	132	2	38
	62-08-01	--	--	245	--	54	17	21	--	1.6	186	4	80
	62-08-16	--	--	163	--	48	22	21	--	2.0	192	5	81
	62-09-05	--	--	124	--	39	28	23	--	1.6	162	4	106
	62-09-18	--	--	117	--	58	25	25	--	2.0	235	0	96
	62-10-16	--	--	190	--	59	24	23	--	1.6	223	3	92
	62-12-03	--	--	172	--	59	25	21	--	1.6	244	0	79
	63-02-06	--	--	200	--	63	20	18	--	2.4	218	0	86
	63-04-11	--	--	135	--	30	22	18	--	1.2	113	5	90
	63-04-24	--	--	119	--	33	26	23	--	1.6	122	5	116
	63-05-22	--	--	1110	--	36	6.3	5.3	--	.8	108	0	38
	63-06-15	--	--	670	--	30	10	9.2	--	.8	108	0	43
	63-07-17	--	--	210	--	43	17	15	--	1.6	171	0	64
	63-08-13	--	--	190	--	59	18	17	--	2.0	212	0	74
	63-09-18	--	--	206	--	40	22	18	--	1.6	174	4	68
	63-10-10	--	--	133	--	56	22	23	--	1.6	203	2	85
	63-11-07	--	--	210	--	56	22	20	--	1.6	202	4	82
	64-02-17	--	--	120	--	57	20	13	--	.8	190	5	74
	64-04-02	--	--	170	--	57	21	17	--	2.0	199	0	85
	64-04-30	--	--	197	--	49	19	14	--	1.2	181	0	71
	64-06-01	--	--	1040	--	32	8.6	6.2	--	.8	109	0	36
	64-07-01	--	--	1310	--	23	6.4	4.8	--	.4	76	0	28
	64-08-03	--	--	203	--	47	17	14	--	1.6	167	7	58
	64-09-01	--	--	124	--	38	20	18	--	1.6	143	5	78
	64-09-30	--	--	104	--	40	26	21	--	1.6	161	13	86
	64-11-18	--	--	206	--	41	26	21	--	1.6	120	9	76
	65-02-01	--	--	231	--	53	24	22	--	3.5	179	12	98
	65-02-17	--	--	158	--	36	22	16	--	.8	142	2	82
	65-03-02	--	--	129	--	62	27	19	--	1.6	229	0	99
	65-03-08	--	--	144	--	58	23	16	--	1.2	206	0	88
	65-03-23	--	--	162	--	61	23	17	--	2.4	215	0	92
	65-04-07	--	--	160	--	33	23	17	--	1.2	118	5	90
	65-04-20	--	--	197	--	40	17	14	--	2.0	116	3	85
	65-05-03	--	--	522	--	36	13	7.6	--	1.6	112	8	46
	65-05-17	--	--	468	--	40	14	9.9	--	1.2	148	0	49
	65-06-01	--	--	1230	--	38	8.2	5.8	--	.8	134	0	26
	65-06-14	--	--	3400	--	35	5.8	6.9	--	1.6	120	0	26
	65-06-28	--	--	1620	--	30	5.0	5.1	--	.4	80	12	19
	65-07-09	--	--	1680	--	23	6.4	4.6	--	.4	81	1	24
	65-07-19	--	--	1090	--	30	12	6.2	--	.8	115	0	29
	65-08-03	--	--	671	--	38	13	11	--	1.2	140	1	48
	65-08-17	--	--	298	--	--	--	14	--	1.6	181	0	50
	65-08-30	--	--	260	--	--	--	66	--	2.4	339	4	84
	65-09-27	--	--	392	--	43	17	12	--	1.2	167	0	57
	65-11-01	--	--	234	--	--	--	17	--	1.6	156	0	69
	66-01-04	--	--	219	--	--	--	12	--	2.0	132	0	62
	66-03-14	--	--	271	--	--	--	16	--	3.1	181	0	75
	66-04-04	--	--	317	--	--	--	10	--	1.2	159	0	56
	66-05-05	--	--	628	--	--	--	6.9	--	1.2	129	0	32
	66-05-31	--	--	885	--	23	10	6.4	--	.8	92	0	33
	66-06-28	--	--	245	--	47	18	16	--	1.2	190	0	61
	66-07-28	--	--	185	--	54	17	17	--	2.4	209	0	59
	66-08-30	--	--	94	--	52	24	21	--	1.6	221	0	76
	66-10-28	--	--	166	--	54	22	23	--	1.6	204	2	90
	67-02-06	--	--	165	--	54	21	16	--	1.6	193	3	80
	67-02-28	--	--	180	--	70	16	24	--	1.2	218	0	99
	67-04-03	--	--	169	--	57	25	16	--	1.6	206	0	97
	67-05-15	--	--	142	--	56	23	21	--	1.6	189	3	106
	67-06-16	--	--	1590	--	29	11	6.4	--	.8	107	0	39
	67-07-14	--	--	654	--	31	12	7.1	--	.8	116	0	41
	67-08-10	--	--	285	--	43	16	12	--	1.6	164	0	56
	67-09-14	--	--	168	--	58	23	20	--	2.0	218	6	81
	67-11-09	--	--	197	--	63	25	21	--	1.6	249	0	86
	68-02-08	--	--	165	--	64	25	15	--	1.2	214	6	93
	68-03-28	--	--	162	--	60	24	15	--	1.2	198	7	92

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
11	--	.20	--	--	--	--	--	--	525	244	65	.6	7.9	
6.3	--	.10	--	--	--	--	--	--	347	149	18	--	7.2	
--	--	--	--	--	--	--	--	--	561	257	59	--	8.2	
2.5	--	.50	--	--	--	--	--	--	245	118	18	--	7.6	
1.5	--	1.2	--	--	--	--	--	--	198	95	15	--	7.4	
16	--	1.3	--	--	--	--	--	--	779	336	130	1.2	7.9	
1.8	--	--	--	--	--	0	113	--	196	86	21	.2	8.1	BR
5.5	--	3.2	--	--	--	--	--	--	236	111	13	.8	8.0	BR
4.3	--	--	--	--	--	100	253	--	438	190	34	.6	--	BR
9.0	--	.50	--	--	--	--	--	--	465	201	40	.7	8.0	BR
8.0	--	.60	--	--	--	--	--	--	436	194	30	--	8.2	BR
7.8	--	--	--	--	--	300	244	--	399	160	34	.6	8.6	BR
5.0	--	--	--	--	--	0	220	--	347	160	49	.4	8.6	BR
3.6	--	--	--	--	--	0	137	--	242	100	9	.3	8.2	BR
2.8	--	--	--	--	--	--	118	--	219	98	17	.2	7.5	BR
3.2	--	--	--	--	--	70	196	--	299	140	24	.4	8.2	BR
7.8	--	--	--	--	--	--	292	--	452	210	45	.6	8.3	BR
6.4	--	--	--	--	--	30	316	--	478	210	44	.6	8.2	BR
11	--	--	--	--	--	--	290	--	456	210	72	.7	8.2	BR
9.9	--	--	--	--	--	--	367	--	552	250	55	.7	7.7	BR
8.5	--	--	--	--	--	0	353	--	551	250	58	.6	--	BR
11	--	--	--	--	--	200	343	--	558	250	50	.6	8.0	BR
9.6	--	--	--	--	--	--	318	--	518	240	61	.5	7.6	BR
8.9	--	--	--	--	--	0	244	--	409	170	64	.6	8.3	BR
9.2	--	--	--	--	--	--	286	--	459	190	80	.7	8.4	BR
.0	--	--	--	--	--	--	129	--	238	120	27	.2	8.2	BR
2.1	--	--	--	--	--	--	158	--	256	120	27	.4	8.2	BR
4.6	--	--	--	--	--	--	249	--	393	180	37	.5	8.1	BR
7.8	--	--	--	--	--	--	259	--	478	220	48	.5	7.2	BR
7.8	--	--	--	--	--	--	238	--	437	190	41	.6	--	BR
9.9	--	--	--	--	--	--	288	--	511	230	60	.7	8.2	BR
9.9	--	--	--	--	--	--	277	--	502	230	57	.6	8.2	BR
8.2	--	--	--	--	--	--	265	--	472	230	59	.4	8.5	BR
11	--	--	--	--	--	--	311	--	485	230	66	.5	7.8	BR
7.1	--	--	--	--	--	--	278	--	432	200	52	.4	8.2	BR
1.8	--	--	--	--	--	--	147	--	240	120	26	.3	7.7	BR
2.5	--	--	--	--	--	--	92	--	174	84	21	.2	8.2	BR
5.7	--	--	--	--	--	--	239	--	398	190	37	.5	8.6	BR
6.0	--	--	--	--	--	--	233	--	398	180	50	.6	8.5	BR
8.9	--	--	--	--	--	--	270	--	460	210	53	.6	8.4	BR
12	--	--	--	--	--	--	298	--	502	210	95	.6	8.4	BR
9.6	--	--	--	--	--	--	321	--	502	230	64	.6	8.7	BR
9.6	--	--	--	--	--	--	260	--	415	180	60	.5	8.4	BR
9.9	--	--	--	--	--	--	343	--	553	270	78	.5	8.1	BR
9.6	--	--	--	--	--	--	319	--	499	240	71	.4	8.1	BR
11	--	--	--	--	--	--	331	--	524	250	71	.5	8.0	BR
8.9	--	--	--	--	--	--	265	--	398	180	71	.6	8.5	BR
8.5	--	--	--	--	--	--	245	--	403	170	68	.5	8.5	BR
5.0	--	--	--	--	--	--	190	--	294	140	38	.3	8.4	BR
5.3	--	--	--	--	--	--	210	--	335	160	36	.3	7.7	BR
2.8	--	--	--	--	--	--	174	--	262	130	19	.2	7.7	BR
1.8	--	--	--	--	--	--	159	--	243	110	13	.3	7.8	BR
1.4	--	--	--	--	--	--	118	--	210	96	10	.2	8.8	BR
1.8	--	--	--	--	--	--	95	--	176	84	15	.2	8.3	BR
12	--	--	--	--	--	--	151	--	243	120	30	.2	7.5	BR
3.9	--	--	--	--	--	--	187	--	319	150	31	.4	8.4	BR
4.3	--	--	--	--	--	--	238	--	389	--	--	.5	7.6	BR
25	--	--	--	--	--	--	424	--	707	--	--	1.8	8.3	BR
6.4	--	--	--	--	--	--	222	--	367	180	40	.4	8.0	BR
8.9	--	--	--	--	--	--	230	--	395	--	--	.5	8.2	BR
7.4	--	--	--	--	--	--	213	--	344	--	--	.4	8.2	BR
7.1	--	--	--	--	--	--	259	--	432	--	--	.5	7.5	BR
4.6	--	--	--	--	--	--	222	--	375	--	--	.3	7.9	BR
3.6	--	--	--	--	--	--	186	--	269	--	--	.3	7.9	BR
2.8	--	--	--	--	--	--	132	--	209	99	23	.3	7.8	BR
6.0	--	--	--	--	--	--	259	--	420	190	36	.6	8.1	BR
7.4	--	--	--	--	--	--	285	--	458	210	33	.5	8.0	BR
10	--	--	--	--	--	--	318	--	507	230	47	.6	8.2	BR
8.9	--	--	--	--	--	--	342	--	535	230	55	.6	8.4	BR
8.2	--	--	--	--	--	--	304	--	488	220	57	.5	8.4	BR
9.2	--	--	--	--	--	--	355	--	541	240	62	.7	8.1	BR
8.9	--	--	--	--	--	--	306	--	480	250	76	.4	8.2	BR
7.4	--	--	--	--	--	--	307	--	471	240	74	.6	8.3	BR
3.6	--	--	--	--	--	--	148	--	223	120	30	.3	7.7	BR
3.9	--	--	--	--	--	--	147	--	250	130	32	.3	7.6	BR
6.3	--	--	--	--	--	--	220	--	355	170	39	.4	7.8	BR
8.9	--	--	--	--	--	--	295	--	493	240	50	.6	8.3	BR
8.9	--	--	--	--	--	--	342	--	536	260	56	.6	8.2	BR
8.2	--	--	--	--	--	--	329	--	508	260	76	.4	8.3	BR
9.6	--	--	--	--	--	--	326	--	497	250	74	.4	8.4	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09279500 -- CONT.	68-05-16	--	--	263	--	45	18	12	--	.8	164	0	69
	68-06-20	--	--	3180	--	25	6.1	4.1	--	1.2	86	0	24
	68-08-29	--	--	310	--	46	19	13	--	1.2	182	0	67
	68-10-03	--	--	179	--	62	24	20	--	1.6	226	5	89
	69-02-20	--	--	198	--	57	23	14	--	1.2	168	21	84
	69-04-08	--	--	260	--	53	20	14	--	1.2	182	0	82
	69-08-08	--	--	148	--	53	22	19	--	2.0	210	0	81
	69-10-15	--	--	203	--	58	25	19	--	1.6	228	0	88
	69-11-05	--	--	240	--	58	22	16	--	1.6	218	0	80
	70-03-04	--	--	6.0	--	94	65	131	--	2.7	295	0	492
	70-04-08	--	--	107	--	52	22	14	--	2.0	187	0	82
	72-05-02	1910	13.0	--	--	--	--	--	--	--	--	--	--
	72-08-02	--	16.5	--	--	--	--	--	--	--	--	--	--
	72-11-15	--	7.5	--	--	--	--	--	--	--	--	--	--
	73-03-07	--	.0	225	--	56	22	16	--	1.4	220	0	87
	73-05-20	--	9.0	1110	5.0	26	5.7	3.5	--	.8	99	0	15
	73-06-13	1200	12.5	--	--	--	--	--	--	--	--	--	--
	73-07-25	--	18.0	350	5.1	37	13	9.2	--	1.1	135	7	44
	73-08-23	--	17.0	275	6.7	44	17	13	--	1.7	187	1	60
	73-09-21	1425	15.0	165	7.8	52	22	16	--	1.8	201	0	74
	73-11-05	--	1.0	75	--	--	--	--	--	--	--	--	--
	74-02-21	1030	.0	150	8.2	59	21	13	--	1.4	209	0	76
	74-03-25	--	--	100	--	--	--	--	--	--	--	--	--
09280400	71-08-12	1420	17.0	.10	--	--	--	--	--	--	--	--	--
	71-09-06	1345	12.5	.10	--	--	--	--	--	--	--	--	--
	72-04-19	1230	2.0	3.5	--	--	--	--	--	--	--	--	--
	72-05-15	0910	2.0	16	--	--	--	--	--	--	--	--	--
	72-06-13	1030	--	2.3	--	--	--	--	--	--	--	--	--
	72-07-21	0945	--	.10	--	--	--	--	--	--	--	--	--
	72-08-18	0945	11.0	.10	--	--	--	--	--	--	--	--	--
	72-09-12	1535	--	.05	--	--	--	--	--	--	--	--	--
	72-10-00	1440	8.0	.30	--	--	--	--	--	--	--	--	--
	72-10-12	1440	8.0	.30	--	--	--	--	--	--	--	--	--
	73-03-05	1000	3.0	.10	--	--	--	--	--	--	--	--	--
	73-05-20	1320	6.5	38	--	--	--	--	--	--	--	--	--
	73-05-31	1015	7.0	20	--	--	--	--	--	--	--	--	--
	73-07-10	0955	13.0	.50	--	--	--	--	--	--	--	--	--
	73-09-14	1200	11.0	.10	--	--	--	--	--	--	--	--	--
	73-10-23	1235	3.5	.20	--	--	--	--	--	--	--	--	--
	74-05-31	0810	5.0	20	--	--	--	--	--	--	--	--	--
	74-06-24	0940	10.0	1.8	--	--	--	--	--	--	--	--	--
09285000	51-10-10	1400	--	23	--	63	31	--	23	--	316	0	66
	56-08-14	--	--	27	--	39	31	22	--	1.2	239	5	64
	56-11-09	--	--	25	--	49	31	19	--	.8	239	11	69
	57-06-26	--	--	--	--	62	27	23	--	.4	273	14	64
	57-08-19	--	--	--	--	40	30	23	--	.8	232	1	72
	57-10-22	--	--	28	--	--	--	--	--	--	292	0	64
	60-05-17	--	--	--	--	--	--	--	--	--	--	--	--
	60-05-31	--	--	--	--	31	28	28	--	.8	189	14	64
	62-06-25	--	--	--	--	20	28	25	--	.8	164	8	70
	71-08-12	0940	15.0	32	--	--	--	--	--	--	--	--	--
	71-09-06	1550	10.5	25	--	--	--	--	--	--	--	--	--
	71-10-08	1240	6.0	23	--	--	--	--	--	--	--	--	--
	71-11-18	1530	2.5	21	--	--	--	--	--	--	--	--	--
	72-01-19	1135	3.0	15	--	--	--	--	--	--	--	--	--
	72-02-17	1330	3.0	17	--	--	--	--	--	--	--	--	--
	72-03-21	0845	1.0	47	--	--	--	--	--	--	--	--	--
	72-04-11	0915	5.0	56	--	--	--	--	--	--	--	--	--
	72-05-15	1045	7.0	42	--	--	--	--	--	--	--	--	--
	72-06-13	1215	11.0	38	--	--	--	--	--	--	--	--	--
	72-07-19	1000	12.0	30	--	--	--	--	--	--	--	--	--
	72-08-15	1530	10.0	28	--	--	--	--	--	--	--	--	--
	72-09-12	1315	9.0	25	--	--	--	--	--	--	--	--	--
	72-11-10	1030	8.0	20	--	--	--	--	--	--	--	--	--
	73-03-26	1255	12.0	15	19	59	30	26	--	.8	311	0	68
	73-05-09	1210	7.0	230	--	--	--	--	--	--	--	--	--
	73-05-17	1105	12.0	114	--	--	--	--	--	--	--	--	--
	73-05-31	0845	10.0	83	16	64	25	18	--	1.0	251	0	51
	73-05-31	0850	10.0	83	--	--	--	--	--	--	--	--	--
	73-07-10	1105	16.0	.30	--	--	--	--	--	--	--	--	--
	73-08-15	0915	--	.20	--	--	--	--	--	--	--	--	--
	73-09-14	1100	12.0	10	--	--	--	--	--	--	--	--	--
	73-09-21	1540	16.0	4.0	18	66	28	20	--	2.8	316	0	59
	73-10-26	1445	7.0	11	--	--	--	--	--	--	--	--	
	74-03-22	1200	4.5	11	--	--	--	--	--	--	--	--	
	74-05-07	1045	9.5	12	--	--	--	--	--	--	--	--	
	74-06-00	1105	11.0	14	--	--	--	--	--	--	--	--	
	74-06-04	1040	12.0	14	--	--	--	--	--	--	--	--	

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
4.6	--	--	--	--	--	--	240	--	375	190	52	.4	8.2	BR
1.8	--	--	--	--	--	--	125	--	180	88	17	.2	8.0	BR
5.3	--	--	--	--	--	--	243	--	392	190	44	.4	8.2	BR
8.9	--	--	--	--	--	--	333	--	502	250	60	.5	8.3	BR
7.1	--	--	--	--	--	--	300	--	470	240	64	.4	8.3	BR
7.8	--	--	--	--	--	--	275	--	426	220	65	.4	8.0	BR
7.1	--	--	--	--	--	--	296	--	465	220	51	.5	8.2	BR
7.4	--	--	--	--	--	--	335	--	513	250	61	.5	8.2	BR
8.5	--	--	--	--	--	--	317	--	488	240	57	.4	8.2	BR
25	--	--	--	--	--	--	1030	--	1300	500	260	2.5	8.1	BR
8.9	--	--	--	--	--	--	279	--	449	220	67	.4	8.2	BR
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	462	--	--	--	--	
7.9	.13	--	.03	--	--	--	--	306	508	230	50	.5	7.9	
2.6	--	--	--	--	--	--	--	107	188	88	7	.2	7.5	
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
4.3	.00	--	.03	--	.2	--	--	188	318	150	24	.3	8.5	
5.5	.01	--	.00	--	.8	--	--	241	398	180	25	.4	8.4	
6.7	.03	--	--	.03	.3	90	--	279	460	220	56	.5	8.3	
--	--	--	--	--	--	--	--	--	580	--	--	--	--	
7.6	.20	--	--	.00	.3	60	--	291	486	230	62	.4	8.2	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
--	--	--	--	--	--	--	--	--	220	--	--	--	--	
--	--	--	--	--	--	--	--	--	190	--	--	--	--	
--	--	--	--	--	--	--	--	--	128	--	--	--	--	
--	--	--	--	--	--	--	--	--	109	--	--	--	--	
--	--	--	--	--	--	--	--	--	120	--	--	--	--	
--	--	--	--	--	--	--	--	--	223	--	--	--	--	
--	--	--	--	--	--	--	--	--	250	--	--	--	--	
--	--	--	--	--	--	--	--	--	260	--	--	--	--	
--	--	--	--	--	--	--	--	--	270	--	--	--	--	
--	--	--	--	--	--	--	--	--	270	--	--	--	--	
--	--	--	--	--	--	--	--	--	130	--	--	--	--	
--	--	--	--	--	--	--	--	--	75	--	--	--	--	
--	--	--	--	--	--	--	--	--	85	--	--	--	--	
--	--	--	--	--	--	--	--	--	150	--	--	--	--	
--	--	--	--	--	--	--	--	--	240	--	--	--	--	
--	--	--	--	--	--	--	--	--	240	--	--	--	--	
--	--	--	--	--	--	--	--	--	70	--	--	--	--	
--	--	--	--	--	--	--	--	--	130	--	--	--	--	
6.0	--	--	--	--	--	--	--	--	577	286	27	.6	--	SL
5.0	--	--	--	--	--	150	290	--	506	226	20	.6	8.3	BR
4.3	--	--	--	--	--	170	330	--	519	250	36	.5	8.5	BR
4.6	--	--	--	--	--	20	331	--	553	270	19	.6	--	BR
4.6	--	--	--	--	--	70	292	--	495	220	30	.7	8.4	BR
--	--	--	--	--	--	--	--	--	577	260	21	--	8.0	
--	--	--	--	--	--	--	276	--	476	--	--	--	--	BR
5.0	--	--	--	--	--	--	278	--	460	190	14	.9	8.7	BR
4.6	--	--	--	--	--	--	257	--	429	170	17	.9	8.5	BR
--	--	--	--	--	--	--	--	--	535	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	565	--	--	--	--	
--	--	--	--	--	--	--	--	--	580	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
4.4	--	--	--	--	--	--	--	361	525	270	16	.7	7.9	
--	--	--	--	--	--	--	--	--	380	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
6.7	--	--	--	--	--	--	--	305	486	260	57	.5	7.9	
--	--	--	--	--	--	--	--	--	440	--	--	--	--	
--	--	--	--	--	--	--	--	--	600	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
5.5	.18	--	.49	.49	.4	80	--	357	600	280	21	.5	7.8	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	600	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09285700	41-04-19	--	--	--	19	63	37	30	--	.0	298	12	87
	71-08-13	1430	17.0	48	--	--	--	--	--	--	--	--	--
	71-09-07	1445	12.0	48	--	--	--	--	--	--	--	--	--
	71-10-14	1030	6.0	39	--	--	--	--	--	--	--	--	--
	71-11-17	1255	1.5	38	--	--	--	--	--	--	--	--	--
	72-01-11	1355	1.0	33	--	--	--	--	--	--	--	--	--
	72-02-16	1230	3.0	32	--	--	--	--	--	--	--	--	--
	72-03-22	1130	5.0	78	--	--	--	--	--	--	--	--	--
	72-04-12	1330	10.0	85	--	--	--	--	--	--	--	--	--
	72-05-16	1430	14.0	117	--	--	--	--	--	--	--	--	--
	72-06-15	1205	11.0	93	--	--	--	--	--	--	--	--	--
	72-07-18	1305	15.0	56	--	--	--	--	--	--	--	--	--
	72-08-16	1325	15.0	44	--	--	--	--	--	--	--	--	--
	72-09-13	1430	14.0	41	--	--	--	--	--	--	--	--	--
	72-11-08	1410	6.0	22	--	--	--	--	--	--	--	--	--
	73-01-22	1200	--	30	--	--	--	--	--	--	--	--	--
	73-02-22	1050	4.0	23	--	--	--	--	--	--	--	--	--
	73-02-27	--	3.0	84	--	--	--	--	--	--	--	--	--
	73-03-23	--	4.0	87	19	62	33	30	--	1.2	296	0	87
	73-03-26	1215	6.0	28	--	--	--	--	--	--	--	--	--
	73-04-16	--	9.0	191	--	--	--	--	--	--	--	--	--
	73-04-26	0920	5.0	62	--	--	--	--	--	--	--	--	--
	73-05-07	1200	8.0	228	--	--	--	--	--	--	--	--	--
	73-05-08	--	6.0	744	--	--	--	--	--	--	--	--	--
	73-05-08	1525	10.0	268	--	--	--	--	--	--	--	--	--
	73-05-10	--	8.0	905	--	--	--	--	--	--	--	--	--
	73-05-10	1145	9.0	358	--	--	--	--	--	--	--	--	--
	73-05-11	--	9.0	1080	--	--	--	--	--	--	--	--	--
	73-05-14	--	7.5	1200	--	--	--	--	--	--	--	--	--
	73-05-17	--	10.0	1250	--	--	--	--	--	--	--	--	--
	73-05-20	1305	12.0	417	20	62	27	16	--	1.3	300	0	50
	73-06-06	--	16.0	560	--	--	--	--	--	--	--	--	--
	73-06-12	1330	16.0	174	--	--	--	--	--	--	--	--	--
	73-07-11	--	16.5	100	--	--	--	--	--	--	--	--	--
	73-07-12	1105	14.0	44	--	--	--	--	--	--	--	--	--
	73-07-25	1030	13.0	36	21	63	36	28	--	1.2	320	0	94
	73-08-17	0945	13.0	25	22	67	37	30	--	1.5	343	0	110
	73-08-23	1050	14.0	30	22	67	37	27	--	1.2	333	0	100
	73-09-13	--	11.0	93	--	--	--	--	--	--	--	--	--
	73-09-18	1220	11.0	29	--	--	--	--	--	--	--	--	--
	73-10-25	1355	7.0	28	--	--	--	--	--	--	--	--	--
	73-11-15	1230	.5	30	--	--	--	--	--	--	--	--	--
	74-01-08	1205	.0	36	--	--	--	--	--	--	--	--	--
	74-02-13	1430	2.0	47	--	--	--	--	--	--	--	--	--
	74-04-02	1350	8.0	31	--	--	--	--	--	--	--	--	--
	74-05-08	1050	9.0	83	--	--	--	--	--	--	--	--	--
	74-06-05	1150	12.0	62	--	--	--	--	--	--	--	--	--
	74-06-26	1555	20.0	39	--	--	--	--	--	--	--	--	--
09286500	41-04-19	--	--	--	4.3	69	36	57	--	.0	339	22	67
	47-05-11	1130	--	--	--	67	19	--	10	--	226	0	29
	47-06-22	1500	--	--	--	54	42	--	92	--	414	0	68
	49-07-02	--	--	--	--	56	37	138	--	11	285	16	128
	57-10-22	--	--	4.1	--	--	--	--	--	--	566	0	116
	58-05-07	--	--	87	8.3	47	16	--	17	--	215	0	28
	58-08-22	--	--	.10	10	57	44	--	180	--	419	0	154
09287000	51-10-10	1715	--	6.9	--	--	--	--	--	--	250	0	20
	56-08-14	--	--	4.5	--	62	13	6.7	--	1.6	249	4	12
	56-11-09	--	--	7.4	--	64	15	6.9	--	1.2	246	6	17
	57-06-26	--	--	40	--	51	9.2	6.0	--	.8	177	8	18
	57-08-19	--	--	6.0	--	62	13	7.4	--	1.2	226	9	22
	62-05-02	--	--	150	--	47	8.0	6.0	--	1.2	156	8	18
	64-05-13	--	--	110	--	53	9.2	6.9	--	1.6	168	7	32
	71-11-18	--	.0	9.0	--	--	--	--	--	--	--	--	--
	72-02-23	--	.0	11	--	--	--	--	--	--	--	--	-
	72-04-11	--	4.5	84	--	--	--	--	--	--	--	--	-
	72-05-19	--	5.0	95	--	--	--	--	--	--	--	--	-
	72-06-13	--	15.0	36	--	--	--	--	--	--	--	--	-
	72-07-19	--	18.0	10	--	--	--	--	--	--	--	--	-
	72-08-15	--	13.0	7.0	--	--	--	--	--	--	--	--	-
	72-09-12	--	8.0	5.0	--	--	--	--	--	--	--	--	-
09287500	56-08-14	--	--	--	--	49	17	3.4	--	2.0	234	0	3[illegible]
	56-11-09	--	--	7.0	--	62	18	7.8	--	1.2	264	4	15
	57-06-26	--	--	6.0	--	47	14	3.7	--	.4	184	11	11
	57-08-19	--	--	3.0	--	52	17	6.4	--	1.2	226	7	12
	60-05-31	--	--	3.0	--	--	--	--	--	--	--	--	
	62-05-02	--	--	8.0	--	41	16	5.1	--	.8	188	6	8
	62-07-10	--	--	6.0	--	34	17	3.4	--	.8	164	6	12
	64-05-13	--	--	4.0	--	47	22	4.4	--	.8	200	13	2[illegible]

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
5.3	--	.60	--	--	--	180	--	401	639	309	44	.7	8.2	SL
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	590	--	--	--	--	
--	--	--	--	--	--	--	--	--	590	--	--	--	--	
--	--	--	--	--	--	--	--	--	570	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	505	--	--	--	--	
--	--	--	--	--	--	--	--	--	477	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	680	--	--	--	--	
5.5	--	--	--	--	--	--	--	384	585	290	48	.8	7.6	
--	--	--	--	--	--	--	--	--	680	--	--	--	--	
--	--	--	--	--	--	--	--	--	770	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	510	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	480	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
5.6	--	--	--	--	--	--	--	330	544	270	20	.4	8.0	
--	--	--	--	--	--	--	--	--	590	--	--	--	--	
--	--	--	--	--	--	--	--	--	580	--	--	--	--	
--	--	--	--	--	--	--	--	--	720	--	--	--	--	
--	--	--	--	--	--	--	--	--	640	--	--	--	--	
6.0	.07	--	.03	.03	.5	160	--	408	643	310	43	.7	8.1	
7.3	.11	--	.00	.00	.5	200	--	445	692	320	38	.7	8.1	
6.5	.13	--	.00	.00	.5	180	--	426	674	320	47	.7	8.2	
--	--	--	--	--	--	--	--	--	760	--	--	--	--	
--	--	--	--	--	--	--	--	--	630	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	620	--	--	--	--	
--	--	--	--	--	--	--	--	--	600	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	670	--	--	--	--	
--	--	--	--	--	--	--	--	--	590	--	--	--	--	
43	--	.60	--	--	--	110	--	466	802	322	8	1.4	--	
12	--	1.8	--	--	--	--	--	--	415	245	60	--	--	
68	--	.40	--	--	--	--	--	--	894	307	0	2.3	--	
122	--	.80	--	--	--	50	--	--	1140	292	58	3.5	--	
--	--	--	--	--	--	--	--	--	1390	364	0	--	8.2	
9.8	--	1.2	--	--	--	--	--	--	408	184	8	--	7.8	
149	--	2.7	--	--	--	--	--	--	1320	324	0	4.3	7.9	
4.2	--	--	--	--	--	--	--	--	414	--	--	--	--	
1.8	--	--	--	--	--	50	--	--	415	210	0	.2	8.2	BR
4.3	--	--	--	--	--	20	--	--	429	220	8	.2	8.4	BR
1.4	--	--	--	--	--	40	185	--	328	170	5	.2	8.2	BR
1.4	--	--	--	--	--	40	228	--	402	210	8	.2	8.2	BR
2.5	--	--	--	--	--	0	193	--	294	150	8	.1	8.4	BR
2.8	--	--	--	--	--	--	191	--	332	170	19	.2	8.6	BR
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	390	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	290	--	--	--	--	
--	--	--	--	--	--	--	--	--	310	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
--	--	--	--	--	--	--	--	--	380	--	--	--	--	
--	--	--	--	--	--	--	--	--	390	--	--	--	--	
4.3	--	--	--	--	--	50	198	--	379	190	0	.1	7.7	BR
6.0	--	--	--	--	--	0	264	--	437	230	5	.2	8.2	BR
1.8	--	--	--	--	--	70	176	--	330	180	6	.1	8.2	BR
3.9	--	--	--	--	--	40	224	--	389	200	1	.2	8.5	BR
--	--	--	--	--	--	--	163	--	313	--	--	--	--	BR
5.0	--	--	--	--	--	50	225	--	381	170	3	.2	8.4	BR
2.8	--	--	--	--	--	0	152	--	270	160	9	.1	8.5	BR
3.2	--	--	--	--	--	--	206	--	364	210	22	.1	8.6	BR

Table 14 --Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SULFATE (SO_4) (MG/L)
09287500 -- CONT.	71-08-13	1220	13.0	6.2	--	--	--	--	--	--	--	--	--
	71-09-06	1755	14.0	4.6	--	--	--	--	--	--	--	--	--
	71-10-08	0950	5.0	4.8	--	--	--	--	--	--	--	--	--
	71-11-18	1340	8.5	8.3	--	--	--	--	--	--	--	--	--
	71-12-14	1155	.0	1.5	--	--	--	--	--	--	--	--	--
	72-01-18	1130	.0	1.3	--	--	--	--	--	--	--	--	--
	72-02-17	1030	.0	2.0	--	--	--	--	--	--	--	--	--
	72-03-17	1020	.0	1.7	--	--	--	--	--	--	--	--	--
	72-04-11	1115	7.0	1.9	--	--	--	--	--	--	--	--	--
	72-05-19	1045	9.0	3.7	--	--	--	--	--	--	--	--	--
	72-06-13	1620	23.0	.48	--	--	--	--	--	--	--	--	--
	72-07-19	1325	17.0	5.3	--	--	--	--	--	--	--	--	--
	72-08-15	1250	14.0	5.2	--	--	--	--	--	--	--	--	--
	72-09-12	1000	8.0	4.5	--	--	--	--	--	--	--	--	--
	72-11-09	1140	--	1.0	--	--	--	--	--	--	--	--	--
	73-01-15	1320	--	1.2	--	--	--	--	--	--	--	--	--
	73-02-26	1015	3.0	1.0	--	--	--	--	--	--	--	--	--
	73-03-21	--	1.5	.80	12	49	28	24	--	1.4	317	0	18
	73-03-22	1015	7.0	.80	--	--	--	--	--	--	--	--	--
	73-04-26	1150	10.0	1.9	--	--	--	--	--	--	--	--	--
	73-06-05	1410	15.0	1.6	--	--	--	--	--	--	--	--	--
	73-07-10	1300	23.0	1.7	--	--	--	--	--	--	--	--	--
	73-08-15	1100	16.0	.60	8.1	59	30	7.1	--	1.8	316	0	9.5
	73-08-23	1210	16.0	1.0	15	47	28	30	--	1.3	340	0	19
	73-09-14	0930	10.0	5.8	--	--	--	--	--	--	--	--	--
	73-10-26	1120	2.0	4.0	--	--	--	--	--	--	--	--	--
	73-11-20	0915	.0	2.0	--	--	--	--	--	--	--	--	--
	74-01-14	1150	1.0	2.0	--	--	--	--	--	--	--	--	--
	74-04-03	1255	7.0	4.0	--	--	--	--	--	--	--	--	--
	74-05-07	1445	19.0	3.0	--	--	--	--	--	--	--	--	--
	74-06-04	0915	12.0	2.0	--	--	--	--	--	--	--	--	--
	74-06-24	1300	21.0	2.0	--	--	--	--	--	--	--	--	--
09288000	41-04-19	--	--	--	9.0	61	22	20	--	.0	270	12	34
	47-05-11	1100	--	260	--	50	11	--	3.4	--	180	0	16
	48-09-29	1530	--	13	15	60	23	--	8.7	--	260	13	20
	49-04-07	1000	5.0	47	8.5	--	--	--	--	--	250	0	19
	49-09-10	--	--	27	--	47	15	13	--	3.1	257	0	17
	49-10-14	1220	10.0	29	--	--	--	--	--	--	286	0	14
	50-06-04	1735	13.0	254	--	--	--	--	6.6	--	205	0	11
	50-11-06	1215	8.0	35	17	60	22	--	14	--	288	0	22
	56-11-09	--	--	24	--	57	22	22	--	1.2	267	10	38
	57-07-26	1600	20.0	31	12	55	16	--	13	--	255	0	12
	57-10-22	--	--	32	--	28	18	16	--	--	242	0	20
	58-05-07	--	--	260	8.5	46	9.5	--	5.1	--	181	0	12
	58-08-20	--	--	20	16	56	19	--	23	--	283	0	29
	60-08-30	1330	21.0	--	37	23	25	--	37	--	188	24	36
	71-08-13	1045	13.0	24	--	--	--	--	--	--	--	--	--
	71-09-07	1235	11.5	29	--	--	--	--	--	--	--	--	--
	71-10-08	1100	7.0	25	--	--	--	--	--	--	--	--	--
	71-11-18	1430	.0	29	--	--	--	--	--	--	--	--	--
	72-01-19	1015	.0	28	--	--	--	--	--	--	--	--	--
	72-02-17	1140	.0	20	--	--	--	--	--	--	--	--	--
	72-03-17	1115	4.0	43	--	--	--	--	--	--	--	--	--
	72-04-11	1035	5.0	116	--	--	--	--	--	--	--	--	--
	72-05-15	1215	--	129	--	--	--	--	--	--	--	--	--
	72-06-14	1100	12.0	52	--	--	--	--	--	--	--	--	--
	72-07-19	1440	19.0	22	--	--	--	--	--	--	--	--	--
	72-08-18	1210	14.0	20	--	--	--	--	--	--	--	--	--
	72-09-12	1130	10.0	20	--	--	--	--	--	--	--	--	--
	72-11-09	1245	3.5	26	--	--	--	--	--	--	--	--	--
	73-01-15	1410	.0	20	--	--	--	--	--	--	--	--	--
	73-02-26	1145	3.0	27	--	--	--	--	--	--	--	--	--
	73-03-22	--	3.0	24	9.6	58	18	12	--	1.0	260	0	19
	73-04-26	1110	5.0	65	--	--	--	--	--	--	--	--	--
	73-05-08	1215	7.0	173	--	--	--	--	--	--	--	--	--
	73-05-17	0855	8.0	304	--	--	--	--	--	--	--	--	--
	73-06-12	1515	13.0	92	--	--	--	--	--	--	--	--	--
	73-07-10	1410	19.5	31	--	--	--	--	--	--	--	--	--
	73-08-15	1230	16.0	20	11	54	20	15	--	1.3	264	7	17
	73-09-14	0830	11.0	28	--	--	--	--	--	--	--	--	--
	73-10-26	1250	3.0	25	--	--	--	--	--	--	--	--	--
	73-11-10	1015	.0	17	--	--	--	--	--	--	--	--	--
	74-01-09	1110	.0	24	--	--	--	--	--	--	--	--	--
	74-02-14	1420	1.0	24	--	--	--	--	--	--	--	--	--
	74-04-02	1735	.0	34	--	--	--	--	--	--	--	--	--
	74-05-02	1440	10.0	118	--	--	--	--	--	--	--	--	--
	74-05-07	1340	9.0	200	--	--	--	--	--	--	--	--	--
	74-05-09	0940	7.0	343	--	--	--	--	--	--	--	--	--
	74-06-24	1405	19.0	28	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	330	--	--	--	--	
--	--	--	--	--	--	--	--	--	325	--	--	--	--	
--	--	--	--	--	--	--	--	--	370	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	380	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	450	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	350	--	--	--	--	
--	--	--	--	--	--	--	--	--	405	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	350	--	--	--	--	
--	--	--	--	--	--	--	--	--	370	--	--	--	--	
--	--	--	--	--	--	--	--	--	450	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
10	--	--	--	--	--	--	--	299	488	240	0	.7	8.0	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	380	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
8.7	--	--	--	--	--	--	--	280	490	270	12	.2	8.2	
10	.04	--	--	.03	.2	130	--	318	544	230	0	.9	8.3	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	390	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	440	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	390	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
--	--	--	--	--	--	--	--	--	380	--	--	--	--	
7.1	--	.60	--	--	--	40	--	299	514	246	4	.6	--	SL
8.0	--	2.6	--	--	--	--	--	--	306	170	22	--	--	
5.0	--	.40	--	--	--	--	--	--	458	244	10	--	--	
6.0	--	--	--	--	--	--	--	--	423	--	--	--	--	
3.9	--	.10	--	--	--	0	--	--	540	176	0	.4	--	DH
5.8	--	--	--	--	--	--	--	--	461	--	--	--	--	
2.0	--	--	--	--	--	--	--	--	332	168	0	--	--	
8.0	--	.60	--	--	--	--	--	--	497	240	4	--	--	
6.4	--	--	--	--	--	60	--	--	493	233	0	.6	8.5	BR
5.4	--	.30	--	--	--	--	--	--	411	202	0	--	7.4	
--	--	--	--	--	--	--	--	--	459	146	0	.6	8.1	
2.2	--	.20	--	--	--	--	--	--	302	153	5	--	7.6	
4.5	--	.40	--	--	--	--	--	--	473	218	0	.7	8.2	
7.0	--	.50	--	--	--	--	--	--	414	161	0	1.3	8.6	
--	--	--	--	--	--	--	--	--	340	--	--	--	--	
--	--	--	--	--	--	--	--	--	370	--	--	--	--	
--	--	--	--	--	--	--	--	--	420	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
--	--	--	--	--	--	--	--	--	350	--	--	--	--	
--	--	--	--	--	--	--	--	--	417	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	345	--	--	--	--	
--	--	--	--	--	--	--	--	--	315	--	--	--	--	
--	--	--	--	--	--	--	--	--	365	--	--	--	--	
--	--	--	--	--	--	--	--	--	385	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	420	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	420	--	--	--	--	
5.5	--	--	--	--	--	--	--	251	393	220	6	.4	8.0	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	330	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
5.6	--	--	--	--	--	--	--	261	446	220	0	.4	8.4	
--	--	--	--	--	--	--	--	--	420	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	
--	--	--	--	--	--	--	--	--	450	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	330	--	--	--	--	
--	--	--	--	--	--	--	--	--	300	--	--	--	--	
--	--	--	--	--	--	--	--	--	290	--	--	--	--	
--	--	--	--	--	--	--	--	--	410	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09288100	71-10-14	0910	5.0	28	--	--	--	--	--	--	--	--	--
	71-11-17	1355	1.0	40	--	--	--	--	--	--	--	--	--
	71-12-14	1000	.0	2.2	--	--	--	--	--	--	--	--	--
	72-01-11	1500	5.0	29	--	--	--	--	--	--	--	--	--
	72-02-16	1315	1.0	39	--	--	--	--	--	--	--	--	--
	72-03-22	1205	6.0	67	--	--	--	--	--	--	--	--	--
	72-04-12	1500	8.0	126	--	--	--	--	--	--	--	--	--
	72-05-16	1530	13.0	146	--	--	--	--	--	--	--	--	--
	72-06-15	1230	14.0	58	--	--	--	--	--	--	--	--	--
	72-07-18	1400	16.0	26	--	--	--	--	--	--	--	--	--
	72-08-16	1440	21.0	25	--	--	--	--	--	--	--	--	--
	72-09-15	0900	9.0	26	--	--	--	--	--	--	--	--	--
	72-11-08	1500	4.0	39	--	--	--	--	--	--	--	--	--
	73-01-15	1155	--	23	--	--	--	--	--	--	--	--	--
	73-02-26	1305	3.0	35	--	--	--	--	--	--	--	--	--
	73-03-26	1055	1.0	37	11	58	33	97	--	2.2	304	0	90
	73-04-26	1005	6.0	93	--	--	--	--	--	--	--	--	--
	73-05-07	1320	8.0	195	--	--	--	--	--	--	--	--	--
	73-05-10	1040	8.0	260	--	--	--	--	--	--	--	--	--
	73-05-14	1145	11.0	380	--	--	--	--	--	--	--	--	--
	73-05-21	--	11.5	325	4.8	44	11	9.0	--	1.4	181	0	14
	73-06-12	1415	15.0	79	--	--	--	--	--	--	--	--	--
	73-07-11	1620	23.0	38	--	--	--	--	--	--	--	--	--
	73-07-25	1250	16.0	35	13	53	28	44	--	2.0	308	0	49
	73-08-17	1020	16.0	35	13	52	33	65	--	3.0	351	0	63
	73-08-23	1110	15.0	35	13	52	32	61	--	2.4	348	0	55
	73-09-10	1320	14.0	38	--	--	--	--	--	--	--	--	--
	73-10-25	1540	9.0	36	12	57	28	37	--	1.6	312	0	38
	73-11-15	1325	.5	32	--	--	--	--	--	--	--	--	--
	74-01-08	1255	.0	40	--	--	--	--	--	--	--	--	--
	74-02-13	1535	1.5	35	--	--	--	--	--	--	--	--	--
	74-04-02	1540	8.0	48	--	--	--	--	--	--	--	--	--
	74-05-08	1205	10.0	305	--	--	--	--	--	--	--	--	--
	74-06-05	1230	12.0	61	--	--	--	--	--	--	--	--	--
	74-06-26	1640	24.0	30	--	--	--	--	--	--	--	--	--
09288150	71-09-08	1150	9.5	4.0	--	--	--	--	--	--	--	--	--
	71-11-17	1000	.0	2.0	--	--	--	--	--	--	--	--	--
	72-01-11	1045	.5	2.2	--	--	--	--	--	--	--	--	--
	72-02-16	0930	.5	2.1	--	--	--	--	--	--	--	--	--
	72-03-22	0900	2.0	14	--	--	--	--	--	--	--	--	--
	72-04-12	1030	6.0	19	--	--	--	--	--	--	--	--	--
	72-05-16	1145	9.5	53	--	--	--	--	--	--	--	--	--
	72-06-01	0800	6.0	48	--	--	--	--	--	--	--	--	--
	72-07-18	1000	11.0	8.6	--	--	--	--	--	--	--	--	--
	72-08-16	1030	12.0	3.6	--	--	--	--	--	--	--	--	--
	72-09-13	0900	6.0	3.3	--	--	--	--	--	--	--	--	--
	72-11-08	1125	4.0	4.0	--	--	--	--	--	--	--	--	--
	73-02-27	1320	3.0	2.2	--	--	--	--	--	--	--	--	--
	73-04-05	0930	3.0	6.6	22	46	29	66	--	2.1	358	0	65
	73-04-26	0750	1.0	54	--	--	--	--	--	--	--	--	--
	73-05-07	1015	5.0	147	--	--	--	--	--	--	--	--	--
	73-05-09	0815	3.0	193	--	--	--	--	--	--	--	--	--
	73-05-11	0855	5.0	273	--	--	--	--	--	--	--	--	--
	73-05-25	1110	9.0	190	24	47	26	27	--	1.4	317	0	28
	73-06-12	1100	12.0	59	--	--	--	--	--	--	--	--	--
	73-07-12	0935	11.0	17	--	--	--	--	--	--	--	--	--
	73-08-17	0800	9.0	5.8	23	52	32	45	--	1.5	360	0	44
	73-09-18	1100	9.0	3.7	--	--	--	--	--	--	--	--	--
	73-10-25	1730	9.0	3.0	--	--	--	--	--	--	--	--	--
	73-11-15	1045	.0	3.0	--	--	--	--	--	--	--	--	--
	74-02-13	1220	.0	2.0	--	--	--	--	--	--	--	--	--
	74-04-02	1130	7.0	5.0	--	--	--	--	--	--	--	--	--
	74-05-08	0810	5.0	39	--	--	--	--	--	--	--	--	--
	74-06-05	1040	8.0	22	--	--	--	--	--	--	--	--	--
	74-06-26	1510	17.0	11	--	--	--	--	--	--	--	--	--
09288180	48-06-09	1235	--	--	21	--	--	--	--	--	348	0	--
	49-04-07	1045	9.0	--	--	--	--	--	--	--	338	0	--
	49-10-14	1255	11.0	--	--	50	36	--	68	--	379	0	93
	50-11-06	1305	9.5	--	19	57	33	--	68	--	376	0	84
	51-09-07	0745	14.0	--	--	--	--	--	--	--	--	--	--
	56-08-14	--	--	50	--	47	34	86	--	2.0	373	5	104
	56-11-07	--	--	40	--	49	32	83	--	2.0	361	9	90

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	570	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	580	--	--	--	--	
--	--	--	--	--	--	--	--	--	525	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	406	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
--	--	--	--	--	--	--	--	--	620	--	--	--	--	
--	--	--	--	--	--	--	--	--	590	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
100	--	--	--	--	--	--	--	541	840	280	31	2.5	7.8	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
--	--	--	--	--	--	--	--	--	310	--	--	--	--	
6.3	--	--	--	--	--	--	--	180	319	160	7	.3	7.6	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
31	.00	--	.00	.00	.4	100	--	372	622	250	0	1.2	8.3	
47	--	--	--	--	--	--	--	449	772	270	0	1.7	8.2	
43	.04	--	.03	.03	.3	160	--	431	720	260	0	1.6	8.3	
--	--	--	--	--	--	--	--	--	640	--	--	--	--	
22	--	--	--	--	--	--	--	349	660	260	2	1.0	8.2	
--	--	--	--	--	--	--	--	--	670	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	630	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	450	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	495	--	--	--	--	
--	--	--	--	--	--	--	--	--	590	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	580	--	--	--	--	
--	--	--	--	--	--	--	--	--	540	--	--	--	--	
--	--	--	--	--	--	--	--	--	525	--	--	--	--	
--	--	--	--	--	--	--	--	--	470	--	--	--	--	
--	--	--	--	--	--	--	--	--	425	--	--	--	--	
--	--	--	--	--	--	--	--	--	418	--	--	--	--	
--	--	--	--	--	--	--	--	--	510	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	510	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
5.9	--	--	--	--	--	--	--	413	644	230	0	1.9	7.4	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	570	--	--	--	--	
--	--	--	--	--	--	--	--	--	480	--	--	--	--	
--	--	--	--	--	--	--	--	--	490	--	--	--	--	
6.5	--	--	--	--	--	--	--	316	508	220	0	.8	7.4	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
10	--	--	--	--	--	--	--	385	641	260	0	1.2	8.3	
--	--	--	--	--	--	--	--	--	610	--	--	--	--	
--	--	--	--	--	--	--	--	--	630	--	--	--	--	
--	--	--	--	--	--	--	--	--	600	--	--	--	--	
--	--	--	--	--	--	--	--	--	600	--	--	--	--	
--	--	--	--	--	--	--	--	--	610	--	--	--	--	
--	--	--	--	--	--	--	--	--	480	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	520	--	--	--	--	
--	--	--	--	--	--	--	--	--	649	--	--	--	--	
76	--	--	--	--	--	--	--	--	922	--	--	--	--	
9.0	--	--	--	--	--	--	--	--	764	271	0	1.8	--	
21	--	.50	--	--	--	--	468	--	731	278	0	1.8	--	
--	--	--	--	--	--	--	--	--	680	--	--	--	--	
23	--	--	--	--	--	450	495	--	810	254	0	2.3	--	BR
23	--	--	--	--	--	390	496	--	783	255	0	2.2	8.3	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09288180--	57-06-26	--	--	222	--	--	--	--	--	--	--	--	--
CONT.	64-04-02	--	--	100	--	47	24	81	--	2.8	304	0	84
	64-04-29	--	--	200	--	37	18	37	--	2.4	231	0	36
	64-06-01	--	--	415	--	53	23	35	--	1.6	291	0	48
	64-06-29	--	--	175	--	57	29	72	--	2.0	314	13	89
	64-08-03	--	--	70	--	31	37	148	--	3.9	354	30	161
	64-09-01	--	--	40	--	46	38	130	--	3.1	388	22	133
	64-09-30	--	--	50	--	46	37	103	--	2.4	353	27	113
	64-11-18	--	--	60	--	29	34	104	--	2.4	304	33	90
	65-02-01	--	--	65	--	35	19	85	--	4.3	206	5	86
	69-11-03	--	--	109	--	45	34	67	--	2.4	314	7	94
	70-03-04	--	--	75	--	44	36	82	--	2.4	294	22	90
	70-04-07	--	--	103	--	49	30	67	--	4.3	325	4	83
	70-09-04	--	--	79	--	49	39	87	--	3.7	354	8	107
	71-07-14	--	--	97	--	43	33	61	--	1.8	313	0	81
	71-08-23	--	--	114	--	53	28	69	--	7.3	328	0	79
	71-10-06	--	--	71	--	55	35	75	--	3.0	364	14	88
	71-11-17	--	--	70	--	49	35	79	--	3.7	328	0	79
	71-11-18	0915	.0	50	--	--	--	--	--	--	--	--	--
	71-12-16	--	.0	32	--	--	--	--	--	--	--	--	--
	72-01-10	1500	--	66	--	--	--	--	--	--	--	--	--
	72-02-15	1415	.0	77	--	--	--	--	--	--	--	--	--
	72-03-17	0800	5.0	139	--	--	--	--	--	--	--	--	--
	72-04-06	--	--	162	--	55	26	45	--	2.4	299	12	59
	72-04-13	1610	6.0	266	--	--	--	--	--	--	--	--	--
	72-05-12	--	--	340	--	44	28	33	--	1.8	282	0	43
	72-05-17	0830	10.0	388	--	--	--	--	--	--	--	--	--
	72-06-14	--	13.0	179	--	--	--	--	--	--	--	--	--
	72-06-28	--	--	133	--	46	30	56	--	2.4	325	0	66
	72-07-17	--	22.0	81	--	--	--	--	--	--	--	--	--
	72-07-26	--	--	78	--	29	32	77	--	2.4	276	20	87
	72-08-16	0820	13.0	53	--	--	--	--	--	--	--	--	--
	72-09-24	--	--	59	--	43	36	88	--	3.7	356	12	102
	72-09-11	--	13.0	79	--	--	--	--	--	--	--	--	--
	72-09-19	--	--	73	--	28	32	86	--	3.7	290	18	98
	72-10-13	--	--	--	--	52	33	70	--	3.0	374	0	80
	72-11-09	0930	2.0	80	--	--	--	--	--	--	--	--	--
	73-01-22	1410	--	56	--	--	--	--	--	--	--	--	--
	73-02-27	1155	3.0	84	--	--	--	--	--	--	--	--	--
	73-03-23	1010	4.0	87	15	52	37	130	--	2.0	408	0	120
	73-04-16	1545	9.0	191	--	--	--	--	--	--	--	--	--
	73-05-08	0920	6.0	744	--	--	--	--	--	--	--	--	--
	73-05-10	0835	8.0	905	--	--	--	--	--	--	--	--	--
	73-05-11	1145	9.0	1030	--	--	--	--	--	--	--	--	--
	73-05-14	0840	7.5	1200	--	--	--	--	--	--	--	--	--
	73-05-19	1005	10.0	1250	--	--	--	--	--	--	--	--	--
	73-05-20	--	10.0	250	18	47	24	26	--	2.0	271	0	43
	73-05-25	--	--	--	--	36	24	28	--	3.0	236	0	46
	73-06-06	1900	16.0	560	--	--	--	--	--	--	--	--	--
	73-07-11	1650	16.5	100	--	--	--	--	--	--	--	--	--
	73-07-25	0930	15.0	95	18	52	35	75	--	2.0	375	0	99
	73-08-09	--	--	--	--	46	37	99	--	4.3	405	0	102
	73-08-16	1520	21.0	70	18	48	38	94	--	2.4	389	16	110
	73-08-16	1640	21.0	57	--	--	--	--	--	--	--	--	--
	73-09-04	--	--	--	--	19	35	85	--	3.7	257	16	99
	73-09-13	0930	11.0	93	--	--	--	--	--	--	--	--	--
	73-10-25	1140	5.5	75	15	57	36	80	--	2.0	363	8	93
	73-10-25	1150	5.5	76	--	--	--	--	--	--	--	--	--
	73-11-15	1535	1.0	68	--	--	--	--	--	--	--	--	--
	74-01-09	1330	.0	69	--	--	--	--	--	--	--	--	--
	74-02-14	1600	.0	68	--	--	--	--	--	--	--	--	--
	74-03-18	1640	5.0	115	--	--	--	--	--	--	--	--	--
	74-05-01	0920	9.0	138	--	--	--	--	--	--	--	--	--
	74-05-07	1640	15.0	341	--	--	--	--	--	--	--	--	--
	74-06-03	1710	16.0	156	--	--	--	--	--	--	--	--	--
	74-06-24	1545	23.0	69	--	--	--	--	--	--	--	--	--
09288500	41-04-19	--	--	110	17	54	31	80	--	.0	342	22	92
	41-05-18	--	--	700	15	47	28	33	--	.0	295	0	50
	46-07-31	--	--	59	--	48	35	--	66	--	339	9	87
	47-03-20	1535	--	142	--	56	21	--	77	--	334	0	125
	47-05-11	1155	--	660	--	58	22	--	12	--	260	0	36
	47-06-22	1430	--	177	--	54	30	--	56	--	356	0	63
	47-09-20	1125	--	78	22	59	34	--	62	--	380	0	79
	48-06-09	1225	--	151	23	51	29	--	61	--	344	0	69

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	365	--	606	--	--	--	--	BR
44	--	--	--	--	--	--	436	--	732	220	0	2.4	7.9	
15	--	--	--	--	--	--	287	--	453	170	0	1.2	7.7	
12	--	--	--	--	--	--	319	--	533	230	0	1.0	7.9	
34	--	--	--	--	--	--	439	--	736	260	0	1.9	8.3	
35	--	--	--	--	--	--	610	--	951	230	0	4.2	8.7	
47	--	--	--	--	--	--	606	--	975	270	0	3.4	8.4	
32	--	--	--	--	--	--	520	--	863	270	0	2.7	8.4	
32	--	--	--	--	--	--	482	--	788	210	0	3.1	8.7	
60	--	--	--	--	--	--	407	--	691	160	0	2.9	8.7	
22	--	--	--	--	--	--	429	--	674	250	0	1.8	8.3	BR
46	--	--	--	--	--	--	464	--	771	260	0	2.2	8.3	BR
22	--	--	--	--	--	--	422	--	681	250	0	1.8	8.3	BR
28	--	--	--	--	--	--	505	--	782	280	0	2.3	8.4	BR
19	--	--	--	--	--	--	408	--	656	240	0	1.7	8.0	BR
35	--	--	--	--	--	--	442	--	714	250	0	1.9	7.9	BR
26	--	--	--	--	--	--	485	--	770	280	0	2.0	8.5	BR
35	--	--	--	--	--	--	473	--	750	270	0	2.1	8.3	BR
--	--	--	--	--	--	--	--	--	900	--	--	--	--	
--	--	--	--	--	--	--	--	--	830	--	--	--	--	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	640	--	--	--	--	
15	--	--	--	--	--	--	372	--	598	240	0	1.2	8.5	BR
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
9.9	--	--	--	--	--	--	314	--	508	230	0	.9	8.2	BR
--	--	--	--	--	--	--	--	--	485	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
17	--	--	--	--	--	--	389	--	646	240	0	1.6	8.1	BR
--	--	--	--	--	--	--	--	--	660	--	--	--	--	
23	--	--	--	--	--	--	392	--	673	200	0	2.3	8.4	BR
--	--	--	--	--	--	--	--	--	730	--	--	--	--	
27	--	--	--	--	--	--	486	--	811	260	0	2.4	8.3	BR
--	--	--	--	--	--	--	--	--	765	--	--	--	--	
25	--	--	--	--	--	--	411	--	695	200	0	2.7	8.6	BR
23	--	--	--	--	--	--	458	--	759	270	0	1.9	8.1	BR
--	--	--	--	--	--	--	--	--	760	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	680	--	--	--	--	
65	--	--	--	--	--	--	--	622	962	280	0	3.4	8.2	
--	--	--	--	--	--	--	--	--	770	--	--	--	--	
--	--	--	--	--	--	--	--	--	510	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
--	--	--	--	--	--	--	--	--	480	--	--	--	--	
--	--	--	--	--	--	--	--	--	460	--	--	--	--	
7.2	--	--	--	--	--	--	--	301	501	220	0	.8	8.1	
6.7	--	--	--	--	--	--	271	--	468	190	0	.9	7.7	BR
--	--	--	--	--	--	--	--	--	590	--	--	--	--	
--	--	--	--	--	--	--	--	--	720	--	--	--	--	
26	.00	--	.03	.03	.6	500	--	493	792	270	0	2.0	8.3	
34	--	--	--	--	--	--	530	--	876	270	0	2.6	8.0	BR
28	.13	--	.12	.12	.6	710	--	548	873	280	0	2.5	8.5	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	
31	--	--	--	--	--	--	442	--	704	190	0	2.6	8.5	BR
--	--	--	--	--	--	--	--	--	760	--	--	--	--	
25	--	--	--	--	--	--	--	495	806	290	0	2.0	8.4	
--	--	--	--	--	--	--	--	--	810	--	--	--	--	
--	--	--	--	--	--	--	--	--	850	--	--	--	--	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	
--	--	--	--	--	--	--	--	--	830	--	--	--	--	
--	--	--	--	--	--	--	--	--	750	--	--	--	--	
--	--	--	--	--	--	--	--	--	560	--	--	--	--	
--	--	--	--	--	--	--	--	--	430	--	--	--	--	
--	--	--	--	--	--	--	--	--	610	--	--	--	--	
--	--	--	--	--	--	--	--	--	770	--	--	--	--	
20	--	1.2	--	--	--	500	--	500	785	263	0	2.1	8.2	SL
7.1	--	3.7	--	--	--	280	--	383	560	234	0	.9	--	SL
17	--	.80	--	--	--	--	--	430	722	264	0	1.8	--	
10	--	1.1	--	--	--	--	--	--	671	251	0	2.1	--	
6.0	--	2.9	--	--	--	--	--	--	455	235	22	--	--	
16	--	.40	--	--	--	--	--	--	647	258	0	1.5	--	
20	--	.90	--	--	--	--	--	--	712	287	0	1.6	--	
17	--	.50	--	--	--	--	--	--	652	246	0	1.7	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SULFATE (SO_4) (MG/L)
09288500 -- CONT.	48-09-29	1615	--	38	21	51	39	--	86	--	369	16	110
	49-04-07	1055	9.5	186	--	--	--	--	--	--	342	0	--
	49-04-07	1300	11.5	--	--	--	--	--	--	--	344	0	--
	49-07-02	--	--	181	--	37	29	52	--	3.9	223	22	78
	49-09-10	--	--	84	--	40	27	78	--	5.9	338	7	107
	49-10-14	1300	11.5	105	--	--	--	--	--	--	345	19	86
	50-06-04	1650	13.0	611	17	54	23	--	26	--	283	0	39
	50-11-06	1330	9.5	93	19	59	34	--	67	--	377	0	88
	54-08-26	1245	19.0	38	18	52	37	130	--	--	404	16	149
	55-10-19	1315	13.5	47	21	51	36	113	--	--	418	0	129
	57-03-20	1800	9.5	85	--	--	--	--	85	--	396	0	96
	57-07-26	1510	21.0	132	19	54	29	--	62	--	348	0	73
	57-10-22	--	--	96	--	43	37	90	--	--	398	0	92
	58-04-07	--	--	910	16	44	21	--	30	--	254	0	41
	58-04-23	--	--	1000	16	45	21	--	25	--	258	0	33
	58-05-07	--	--	910	16	44	21	--	30	--	254	0	41
	58-05-23	--	--	1000	16	45	21	--	25	--	258	0	33
	58-08-22	--	--	68	18	55	31	--	94	--	392	0	109
	62-04-05	--	--	388	--	33	19	70	--	4.7	211	7	75
	62-04-17	--	--	379	--	43	25	57	--	2.7	229	16	94
	62-05-16	--	--	364	--	44	24	33	--	1.6	239	7	62
	62-06-18	--	--	218	--	55	31	55	--	2.0	326	0	90
	62-07-11	--	--	99	--	20	35	76	--	1.6	214	15	129
	62-08-01	--	--	76	--	47	40	97	--	2.0	358	9	144
	62-08-16	--	--	44	--	43	43	120	--	2.0	368	9	183
	62-09-05	--	--	42	--	26	43	122	--	2.4	312	17	172
	62-09-18	--	--	44	--	45	42	122	--	2.4	408	3	162
	62-10-16	--	--	100	--	60	35	72	--	2.4	367	6	108
	62-12-03	--	--	70	--	56	35	86	--	1.6	400	0	107
	63-02-06	--	--	100	--	42	26	80	--	2.7	300	21	71
	63-04-11	--	--	100	--	32	27	79	--	2.0	247	18	96
	63-04-24	--	--	120	--	22	32	105	--	1.6	260	20	114
	63-05-22	--	--	310	--	49	23	40	--	1.6	275	9	49
	63-06-25	--	--	85	--	26	32	84	--	2.4	268	15	98
	63-07-17	--	--	25	--	37	39	130	--	2.8	385	15	144
	63-08-13	--	--	95	--	61	35	88	--	4.3	408	0	100
	63-09-18	--	--	65	--	24	32	79	--	2.0	268	16	82
	63-10-10	--	--	40	--	25	35	112	--	2.0	312	15	116
	63-11-07	--	--	75	--	38	34	101	--	2.0	346	8	94
	64-02-17	--	--	50	--	62	35	110	--	2.0	430	12	118
	65-02-01	--	--	65	--	41	21	86	--	3.5	215	10	140
	65-02-16	--	--	65	--	35	35	121	--	1.6	326	28	117
	65-03-02	--	--	55	--	19	33	122	--	3.9	255	30	125
	65-03-08	--	--	65	--	25	31	99	--	2.7	256	19	111
	65-03-23	--	--	90	--	49	31	93	--	3.5	323	26	98
	65-04-07	--	--	100	--	46	35	102	--	2.7	331	23	107
	65-04-20	--	--	130	--	40	28	88	--	3.1	286	25	96
	65-05-03	--	--	640	--	26	24	29	--	2.7	250	0	60
	65-05-17	--	--	610	--	46	24	34	--	1.6	276	0	49
	65-06-01	--	--	775	--	31	22	30	--	1.6	184	16	46
	65-06-14	--	--	510	--	51	24	37	--	1.6	290	0	55
	65-06-28	--	--	360	--	30	26	44	--	2.0	204	13	66
	65-07-09	--	--	230	--	50	30	51	--	2.0	313	0	81
	65-07-19	--	--	205	--	53	35	59	--	3.9	312	17	92
	65-08-03	--	--	200	--	48	32	83	--	4.7	361	0	81
	65-08-17	--	--	150	--	--	--	76	--	3.1	287	16	95
	65-08-30	--	--	120	--	--	--	16	--	1.6	176	6	57
	65-09-27	--	--	115	--	36	33	73	--	2.0	297	6	93
	65-11-01	--	--	110	--	--	--	83	--	2.0	296	7	101
	66-01-04	--	--	55	--	--	--	131	--	2.8	411	0	147
	66-03-14	--	--	170	--	--	--	86	--	4.7	271	0	97
	66-04-04	--	--	210	--	--	--	50	--	2.0	279	21	61
	66-05-05	--	--	310	--	--	--	42	--	1.6	291	5	76
	66-05-31	--	--	180	--	48	31	62	--	2.4	337	0	75
	66-06-28	--	--	100	--	54	34	84	--	2.4	392	0	98
	66-07-28	--	--	75	--	55	35	109	--	2.8	400	0	112
	66-08-30	--	--	40	--	38	39	128	--	2.8	406	9	141
	66-10-28	--	--	80	--	62	36	89	--	2.4	317	19	158
	67-02-06	--	--	55	--	48	35	106	--	2.4	381	8	114
	67-02-23	--	--	80	--	60	27	111	--	1.6	386	11	109

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
22	--	.60	--	--	--	--	--	--	812	286	0	2.2	--	
58	--	--	--	--	--	--	--	--	871	--	--	--	--	
58	--	--	--	--	--	--	--	--	887	--	--	--	--	
14	--	.20	--	--	--	290	--	346	680	212	0	1.6	--	DH
20	--	.02	--	--	--	560	--	451	804	211	0	2.3	--	DH
19	--	--	--	--	--	--	--	--	773	--	--	--	--	
9.0	--	1.8	--	--	--	--	--	--	519	224	0	.8	--	
22	--	.60	--	--	--	--	--	--	717	287	0	1.7	--	
28	--	.20	--	--	--	--	--	629	980	283	0	3.4	8.4	
31	--	.50	--	--	--	--	--	588	923	274	0	3.0	8.1	
28	--	.90	--	--	--	--	--	--	814	289	0	2.2	7.8	
18	--	.60	--	--	--	--	--	--	694	252	0	1.7	7.3	
--	--	24	--	--	--	--	--	--	320	260	0	2.4	8.0	
7.5	--	1.0	--	--	--	--	--	--	472	197	0	.9	8.0	
5.8	--	.40	--	--	--	--	--	--	459	200	0	.8	7.9	
7.5	--	1.0	--	--	--	--	288	--	472	197	0	.9	8.0	
5.8	--	.40	--	--	--	--	271	--	459	200	0	.8	7.9	
24	--	.70	--	--	--	--	510	--	819	264	0	2.5	8.2	
41	--	--	--	--	--	250	383	--	613	160	0	2.4	8.7	
17	--	--	--	--	--	350	360	--	582	210	0	1.7	8.9	
7.8	--	--	--	--	--	--	313	--	510	210	1	1.1	8.3	
17	--	--	--	--	--	180	408	--	683	270	0	1.5	8.2	
19	--	--	--	--	--	--	383	--	659	190	0	2.4	8.4	
24	--	--	--	--	--	65.	540	--	875	280	0	2.5	8.2	
29	--	--	--	--	--	--	578	--	961	280	0	3.1	8.2	
32	--	--	--	--	--	--	538	--	921	240	0	3.4	8.4	
33	--	--	--	--	--	850	594	--	997	290	0	3.2	--	
22	--	--	--	--	--	--	453	--	791	290	0	1.8	--	
24	--	--	--	--	--	--	495	--	834	280	0	2.2	7.9	
26	--	--	--	--	--	460	432	--	715	210	0	2.4	8.5	
23	--	--	--	--	--	--	408	--	656	190	0	2.5	8.5	
38	--	--	--	--	--	--	454	--	758	190	0	3.3	8.6	
9.9	--	--	--	--	--	300	334	--	551	223	0	1.2	8.6	
25	--	--	--	--	--	--	428	--	683	200	0	2.6	8.2	
33	--	--	--	--	--	--	592	--	936	250	0	3.5	8.2	
38	--	--	--	--	--	--	492	--	879	300	0	2.2	7.5	
25	--	--	--	--	--	--	462	--	703	190	0	2.5	8.2	
33	--	--	--	--	--	--	462	--	814	210	0	3.4	8.5	
44	--	--	--	--	--	--	470	--	832	240	0	2.9	8.2	
33	--	--	--	--	--	--	566	--	936	300	0	2.8	8.6	
59	--	--	--	--	--	--	407	--	703	190	0	2.9	8.5	
42	--	--	--	--	--	--	543	--	910	230	0	3.5	8.4	
46	--	--	--	--	--	--	514	--	835	180	0	3.9	8.8	
35	--	--	--	--	--	--	450	--	742	190	0	3.1	8.8	
31	--	--	--	--	--	--	497	--	820	250	0	2.6	8.6	
47	--	--	--	--	--	--	541	--	863	260	0	2.7	8.5	
26	--	--	--	--	--	--	479	--	758	220	0	2.6	8.6	
8.9	--	--	--	--	--	--	304	--	490	160	0	.9	8.1	
9.2	--	--	--	--	--	--	314	--	502	210	0	1.0	8.2	
7.4	--	--	--	--	--	--	267	--	420	170	0	.8	8.6	
9.2	--	--	--	--	--	--	330	--	540	230	0	1.1	7.9	
15	--	--	--	--	--	--	312	--	499	180	0	1.1	8.4	
14	--	--	--	--	--	--	397	--	635	250	0	1.4	7.7	
20	--	--	--	--	--	--	450	--	682	280	0	1.6	8.4	
41	--	--	--	--	--	--	500	--	728	250	0	2.3	7.5	
24	--	--	--	--	--	--	445	--	686	--	--	2.2	8.6	
6.0	--	--	--	--	--	--	262	--	414	--	--	.5	8.4	
25	--	--	--	--	--	--	421	--	673	230	0	2.1	8.4	
28	--	--	--	--	--	--	420	--	714	--	--	2.5	8.4	
42	--	--	--	--	--	--	604	--	980	--	--	3.5	8.1	
63	--	--	--	--	--	--	460	--	790	--	--	2.5	7.6	
19	--	--	--	--	--	--	382	--	636	--	--	1.4	8.3	
12	--	--	--	--	--	--	365	--	549	--	--	1.2	8.3	
21	--	--	--	--	--	--	429	--	683	250	0	1.7	8.0	
26	--	--	--	--	--	--	499	--	809	280	0	2.2	8.2	
14	--	--	--	--	--	--	531	--	865	280	0	2.5	8.1	
40	--	--	--	--	--	--	600	--	977	260	0	3.5	8.3	
32	--	--	--	--	--	--	514	--	812	300	11	2.2	8.5	
36	--	--	--	--	--	--	547	--	893	260	0	4.0	8.5	
41	--	--	--	--	--	--	558	--	892	260	0	3.0	8.4	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09288500—	67-04-03	--	--	95	--	53	38	102	--	2.0	372	10	126
CONT.	67-05-15	--	--	295	--	57	27	45	--	1.6	314	3	71
	67-06-16	--	--	700	--	48	26	37	--	2.4	279	0	71
	67-07-14	--	--	240	--	51	33	48	--	1.6	313	0	88
	67-09-14	--	--	110	--	47	36	75	--	1.6	336	8	107
	67-11-09	--	--	95	--	56	34	74	--	2.4	347	16	100
	68-02-08	--	--	85	--	59	36	80	--	1.6	373	7	110
	68-03-28	--	--	110	--	50	35	81	--	2.0	337	11	107
	68-05-16	--	--	460	--	53	28	38	--	1.6	275	9	75
	68-06-20	--	--	315	--	52	37	43	--	1.6	293	4	101
	73-03-27	--	6.0	--	--	--	--	--	--	--	--	--	--
	73-08-23	--	11.0	190	14	56	32	70	--	2.5	249	0	160
	73-09-21	1400	13.5	150	13	58	35	73	--	2.5	252	26	170
	74-03-25	--	--	95	--	--	--	--	--	--	--	--	--
	71-09-17	0945	4.5	.70	--	--	--	--	--	--	--	--	--
	71-10-13	0908	3.0	1.0	--	--	--	--	--	--	--	--	--
	71-11-08	0955	.5	.80	--	--	--	--	--	--	--	--	--
	71-12-08	1050	.0	1.5	--	--	--	--	--	--	--	--	--
	72-01-12	1110	.0	1.3	--	--	--	--	--	--	--	--	--
	72-02-16	0940	1.0	.80	--	--	--	--	--	--	--	--	--
	72-03-23	1325	8.0	1.7	--	--	--	--	--	--	--	--	--
	72-05-01	0940	5.5	4.0	--	--	--	--	--	--	--	--	--
	72-06-02	1015	12.0	1.8	--	--	--	--	--	--	--	--	--
	72-06-21	1535	22.0	1.5	--	--	--	--	--	--	--	--	--
	72-08-01	1015	13.0	1.7	--	--	--	--	--	--	--	--	--
	72-08-29	1010	9.5	1.7	--	--	--	--	--	--	--	--	--
	72-09-11	1540	16.0	1.6	--	--	--	--	--	--	--	--	--
	72-10-06	0935	6.0	1.4	--	--	--	--	--	--	--	--	--
	72-11-09	0930	.0	.50	--	--	--	--	--	--	--	--	--
	72-12-06	1502	.0	1.5	--	--	--	--	--	--	--	--	--
	73-03-21	1115	3.0	1.3	--	88	74	100	--	7.3	458	0	320
	73-04-11	1420	10.0	4.1	--	--	--	--	--	--	--	--	--
	73-05-14	1615	15.0	42	38	75	56	63	--	5.6	403	0	190
	73-06-12	1100	11.0	26	39	84	74	95	--	5.3	442	0	310
	73-07-13	1030	14.0	12	36	82	74	100	--	4.7	429	0	320
	73-07-13	1050	14.0	12	--	--	--	--	--	--	--	--	--
	73-08-15	1155	14.0	7.3	40	85	79	94	--	4.9	434	0	350
	74-02-12	1040	3.0	1.6	--	--	--	--	--	--	--	--	--
	74-03-25	1430	8.0	4.0	--	--	--	--	--	--	--	--	--
	74-04-22	1410	15.5	1.9	--	--	--	--	--	--	--	--	--
09289000	41-07-31	--	--	--	34	127	177	256	--	9.4	378	18	1140
	49-07-02	--	--	--	--	128	173	368	--	20	275	34	1420
	49-09-10	--	--	--	--	53	26	60	--	5.9	286	2	150
09289500	71-08-04	0830	9.0	97	--	--	--	--	--	--	--	--	--
	71-09-09	0930	7.0	69	--	--	--	--	--	--	--	--	--
	71-10-04	0915	3.0	42	--	--	--	--	--	--	--	--	--
	72-03-22	0740	1.0	39	--	--	--	--	--	--	--	--	--
	72-05-02	1100	3.0	67	--	--	--	--	--	--	--	--	--
	72-06-05	--	--	792	--	--	--	--	--	--	--	--	--
	72-07-18	--	--	96	--	--	--	--	--	--	--	--	--
	72-08-16	1155	11.0	63	--	--	--	--	--	--	--	--	--
	72-09-12	1106	12.0	50	--	--	--	--	--	--	--	--	--
	72-10-05	1045	6.0	51	--	--	--	--	--	--	--	--	--
	73-04-04	0910	.0	25	--	--	--	--	--	--	--	--	--
	73-05-31	1206	4.0	410	--	--	--	--	--	--	--	--	--
	73-06-20	--	5.0	172	3.1	3.5	.9	3.5	--	.6	11	0	7.0
	73-06-30	1206	4.0	410	3.1	2.3	.6	1.0	--	.4	8	0	3.4
	73-07-12	1300	19.0	230	--	1.9	.5	--	--	--	13	0	--
	73-07-17	1130	19.0	230	--	--	--	--	--	--	--	--	--
	73-08-16	1300	.0	97	--	--	--	--	--	--	--	--	--
	74-04-15	1100	.0	22	--	--	--	--	--	--	--	--	--
09291000	58-05-21	--	--	324	3.1	4.4	.2	--	2.3	--	15	0	3.1
	58-08-26	--	--	156	3.0	4.0	.7	--	1.5	--	14	0	3.7
	61-08-24	1200	16.5	16	4.1	7.2	.0	--	2.3	--	22	0	2.9
	71-08-04	1145	10.0	331	--	--	--	--	--	--	--	--	--
	71-09-09	1230	13.5	--	--	--	--	--	--	--	--	--	--
	71-10-04	1210	7.0	69	--	--	--	--	--	--	--	--	--
	71-11-03	--	--	.00	--	--	--	--	--	--	--	--	--
	71-12-03	0900	--	.00	--	--	--	--	--	--	--	--	--
	72-04-28	1055	4.5	94	--	--	--	--	--	--	--	--	--
	72-06-06	--	7.5	171	--	--	--	--	--	--	--	--	--
	72-07-19	--	--	247	--	--	--	--	--	--	--	--	--
	72-08-16	1605	13.5	319	--	--	--	--	--	--	--	--	--
	72-09-12	1500	11.0	168	--	--	--	--	--	--	--	--	--
	72-10-05	1455	10.0	25	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
42	--	--	--	--	--	--	540	--	874	290	0	2.6	8.5	
14	--	--	--	--	--	--	366	--	546	250	0	1.2	8.3	
15	--	--	--	--	--	--	325	--	521	230	0	1.3	8.1	
15	--	--	--	--	--	--	383	--	611	260	6	1.3	8.2	
22	--	--	--	--	--	--	439	--	732	270	0	2.0	8.3	
20	--	--	--	--	--	--	477	--	764	280	0	1.9	8.3	
26	--	--	--	--	--	--	502	--	784	300	0	2.0	8.3	
27	--	--	--	--	--	--	487	--	751	270	0	2.2	8.4	
8.5	--	--	--	--	--	--	344	--	541	250	6	1.1	8.3	
17	--	--	--	--	--	--	362	--	585	280	34	1.1	8.3	
--	--	--	--	--	--	--	--	--	820	--	--	--	--	
23	.24	--	.03	--	.4	320	--	482	795	270	67	1.8	8.2	
22	.17	--	--	.12	.5	370	--	525	820	290	39	1.9	8.5	
--	--	--	--	--	--	--	--	--	760	--	--	--	--	
--	--	--	--	--	--	--	--	--	1180	--	--	--	--	
--	--	--	--	--	--	--	--	--	1190	--	--	--	--	
--	--	--	--	--	--	--	--	--	1210	--	--	--	--	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	
--	--	--	--	--	--	--	--	--	1170	--	--	--	--	
--	--	--	--	--	--	--	--	--	1215	--	--	--	--	
--	--	--	--	--	--	--	--	--	1150	--	--	--	--	
--	--	--	--	--	--	--	--	--	1350	--	--	--	--	
--	--	--	--	--	--	--	--	--	1060	--	--	--	--	
--	--	--	--	--	--	--	--	--	1150	--	--	--	--	
--	--	--	--	--	--	--	--	--	1200	--	--	--	--	
--	--	--	--	--	--	--	--	--	1150	--	--	--	--	
--	--	--	--	--	--	--	--	--	1125	--	--	--	--	
--	--	--	--	--	--	--	--	--	1125	--	--	--	--	
--	--	--	--	--	--	--	--	--	1525	--	--	--	--	
--	--	--	--	--	--	--	--	--	1220	--	--	--	--	
12	.45	--	.25	--	--	--	870	--	1260	520	150	1.9	8.1	
--	--	--	--	--	--	--	--	--	1010	--	--	--	--	
9.1	--	--	--	--	--	--	--	635	974	420	87	1.3	7.7	
12	--	--	--	--	--	--	--	837	1210	510	150	1.8	8.1	
13	.75	--	--	.09	1.8	2600	--	849	1200	510	160	1.9	8.2	
--	--	--	--	--	--	--	--	--	1160	--	--	--	--	
12	--	--	--	--	--	--	--	879	1230	540	180	1.8	8.1	
--	--	--	--	--	--	--	--	--	1200	--	--	--	--	
--	--	--	--	--	--	--	--	--	1180	--	--	--	--	
--	--	--	--	--	--	--	--	--	1350	--	--	--	--	
62	--	2.5	--	--	--	4200	--	2020	2590	1050	705	3.4	8.3	
70	--	.80	--	--	--	5650	--	--	3150	1030	743	5.0	--	
15	--	.20	--	--	--	430	--	--	770	239	1	1.7	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
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--	--	--	--	--	--	--	--	--	25	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
5.5	--	--	--	--	--	--	--	30	21	12	3	.4	6.7	
1.0	--	--	--	--	--	--	--	16	19	8	2	.2	6.5	
--	--	--	--	--	--	--	--	--	18	7	0	--	8.3	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	55	--	--	--	--	
.8	--	.30	--	--	--	--	--	23	33	12	0	--	7.4	
.5	--	.30	--	--	--	--	--	26	32	13	2	--	7.0	
1.0	--	.80	--	--	--	--	--	29	38	15	0	--	7.1	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
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--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
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Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09291000 -- CONT.	73-05-08	1500	1.5	148	3.3	3.6	1.0	.9	--	.4	15	0	3.0
	73-06-19	1120	7.5	260	3.2	5.6	.7	.6	--	.4	16	0	3.3
	73-07-09	1000	10.0	300	3.1	2.5	.7	.7	--	.4	15	0	2.8
	73-08-09	1350	10.0	227	--	--	--	--	--	--	--	--	--
	74-04-03	--	2.0	7.8	--	--	--	--	--	--	--	--	--
	74-04-30	1100	5.0	144	--	--	--	--	--	--	--	--	--
	74-05-29	1100	7.0	222	--	--	--	--	--	--	--	--	--
	74-06-25	1045	8.0	372	--	--	--	--	--	--	--	--	--
09292500	57-10-24	--	--	94	--	--	--	--	--	--	55	0	--
	58-05-20	--	--	427	3.3	5.2	1.7	--	1.1	--	19	0	5.6
	58-08-26	--	--	100	4.4	9.6	2.2	--	4.7	--	30	0	15
	60-12-12	--	--	--	--	12	4.1	.9	--	.4	32	0	6.0
	63-06-07	--	--	400	--	5.2	2.0	.9	--	.4	25	0	21
	63-08-30	--	--	120	--	8.6	2.3	.7	--	.4	28	0	8.2
	63-09-30	--	--	120	--	7.8	2.1	.7	--	.4	24	0	7.7
	63-11-06	--	--	110	--	8.6	3.4	.7	--	.4	32	0	8.6
	64-01-28	--	--	45	--	13	3.2	.9	--	.4	35	0	18
	64-04-30	--	--	70	--	14	3.6	1.4	--	.4	36	0	23
	64-05-13	--	--	80	--	17	2.0	1.6	--	.4	36	0	23
	64-05-28	--	--	650	--	5.2	1.3	.7	--	.8	14	0	9.1
	64-06-10	--	--	530	--	4.8	.8	.7	--	.4	14	0	5.8
	64-07-09	--	--	350	--	5.2	1.5	.9	--	.4	15	0	8.6
	64-07-30	--	--	160	--	8.0	2.2	.7	--	.4	24	0	11
	64-09-04	--	--	120	--	9.4	2.4	1.6	--	.4	29	0	12
	64-10-05	--	--	100	--	11	3.2	.7	--	.4	32	0	16
	64-10-27	--	--	60	--	12	3.5	1.6	--	.8	38	0	23
	65-02-02	--	--	50	--	22	3.9	1.2	--	.4	55	0	25
	65-04-20	--	--	60	--	37	11	3.7	--	.8	84	1	71
	65-05-18	--	--	80	--	11	4.0	.7	--	.4	27	0	22
	65-06-16	--	--	800	--	4.6	1.3	.9	--	.4	15	0	7.2
	65-07-07	--	--	900	--	4.4	1.0	.5	--	.4	13	0	5.8
	65-08-03	--	--	60	--	5.6	1.7	.9	--	.8	20	0	6.2
	65-08-30	--	--	250	--	--	--	.2	--	.8	27	0	5.3
	65-09-27	--	--	180	--	8.0	3.2	.9	--	.8	29	0	11
	65-11-01	--	--	100	--	--	--	.9	--	.8	38	0	12
	66-01-06	--	--	50	--	--	--	1.8	--	1.2	59	0	19
	66-03-16	--	--	50	--	--	--	5.1	--	1.2	120	0	29
	71-08-04	1400	10.0	163	--	--	--	--	--	--	--	--	--
	71-09-09	1400	14.0	120	--	--	--	--	--	--	--	--	--
	71-10-04	1400	7.0	81	--	--	--	--	--	--	--	--	--
	71-11-03	1155	1.5	82	--	--	--	--	--	--	--	--	--
	71-12-03	0940	.0	84	--	--	--	--	--	--	--	--	--
	72-02-11	0815	.0	44	--	--	--	--	--	--	--	--	--
	72-03-20	1330	5.0	71	--	--	--	--	--	--	--	--	--
	72-04-28	1155	9.5	65	--	--	--	--	--	--	--	--	--
	72-06-06	1220	8.5	608	--	--	--	--	--	--	--	--	--
	72-06-23	0950	9.0	351	--	--	--	--	--	--	--	--	--
	72-08-03	1315	15.0	113	--	--	--	--	--	--	--	--	--
	72-08-29	1500	--	98	--	--	--	--	--	--	--	--	--
	72-09-14	0935	7.0	81	--	--	--	--	--	--	--	--	--
	72-10-04	0945	7.0	71	--	--	--	--	--	--	--	--	--
	72-11-09	1505	4.0	82	--	--	--	--	--	--	--	--	--
	73-03-12	1307	4.0	45	--	2.3	7.4	1.3	--	.6	65	0	40
	73-04-04	1415	5.0	46	--	--	--	--	--	--	--	--	--
	73-05-08	1240	4.5	115	4.2	11	3.3	1.2	--	.6	34	0	13
	73-06-18	--	6.5	316	3.3	5.5	1.6	2.2	--	.6	18	0	6.9
	73-07-09	1340	14.5	289	2.9	5.9	1.4	.6	--	.4	21	0	6.0
	73-08-09	1050	11.0	174	3.6	8.5	2.1	.9	--	.5	26	0	9.0
	73-11-14	0940	1.0	81	--	--	--	--	--	--	--	--	--
	74-03-29	0925	--	47	--	--	--	--	--	--	--	--	--
	74-04-30	0900	4.0	59	--	--	--	--	--	--	--	--	--
	74-05-29	1300	11.0	531	--	--	--	--	--	--	--	--	--
	74-06-25	1215	15.0	158	--	--	--	--	--	--	--	--	--
09293500	49-09-10	--	--	--	--	55	43	38	--	7.0	265	6	189
09294000	41-05-18	--	--	--	4.0	16	7.1	5.3	--	.0	63	0	29
	57-10-22	--	--	3.6	--	--	--	--	--	--	365	0	292
	58-07-28	--	--	.70	4.4	41	11	--	43	--	136	0	112
	64-04-07	--	--	12	--	78	66	52	--	3.5	326	14	220
	64-04-30	--	--	5.0	--	75	51	56	--	2.7	245	16	240
	64-05-13	--	--	1.0	--	219	148	384	--	10	184	0	1710
	64-05-28	--	--	40	--	24	11	8.5	--	.8	81	0	50
	64-06-10	--	--	50	--	30	71	16	--	.8	111	5	82
	64-07-09	--	--	30	--	29	15	11	--	.8	101	5	54
	64-07-30	--	--	2.0	--	30	11	17	--	.8	100	3	60

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.7	--	--	--	--	--	--	--	20	33	13	1	.1	8.0	
1.0	--	--	--	--	--	--	--	23	24	17	4	.1	6.8	
.2	--	--	--	--	--	--	--	19	22	9	0	.1	6.7	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	157	72	26	--	7.6	
.5	--	.40	--	--	--	--	36	--	44	20	4	--	7.2	
2.0	--	.40	--	--	--	--	48	--	73	33	8	--	7.2	
.0	--	--	--	--	--	--	41	--	91	47	21	.1	7.9	BR
.0	--	--	--	--	--	--	35	--	58	21	1	.1	8.6	BR
1.1	--	--	--	--	--	--	20	--	69	31	8	.1	8.2	BR
1.4	--	--	--	--	--	--	22	--	70	28	8	.1	7.9	BR
1.4	--	--	--	--	--	--	32	--	84	35	9	.1	8.0	BR
.4	--	--	--	--	--	--	69	--	100	46	17	.1	8.0	BR
.0	--	--	--	--	--	--	44	--	101	50	20	.1	7.4	BR
.7	--	--	--	--	--	--	56	--	103	51	21	.1	7.9	BR
.0	--	--	--	--	--	--	30	--	44	18	7	.1	6.6	BR
.0	--	--	--	--	--	--	28	--	51	15	4	.1	7.9	BR
.0	--	--	--	--	--	--	25	--	58	19	7	.1	8.2	BR
.4	--	--	--	--	--	--	34	--	75	29	9	.1	8.1	BR
1.1	--	--	--	--	--	--	43	--	75	33	10	.1	8.2	BR
.4	--	--	--	--	--	--	43	--	92	41	14	.1	8.1	BR
.0	--	--	--	--	--	--	72	--	98	44	13	.1	7.7	BR
1.4	--	--	--	--	--	--	87	--	151	71	26	.1	8.2	BR
.7	--	--	--	--	--	--	176	--	279	140	67	.1	8.4	BR
.0	--	--	--	--	--	--	56	--	79	44	22	.1	7.6	BR
.0	--	--	--	--	--	--	32	--	39	17	5	.1	7.6	BR
.0	--	--	--	--	--	--	33	--	35	15	4	.1	7.1	BR
1.1	--	--	--	--	--	--	36	--	49	21	5	.1	6.9	BR
.0	--	--	--	--	--	--	40	--	61	--	--	.0	7.9	BR
.7	--	--	--	--	--	--	43	--	71	33	9	.1	7.1	BR
.0	--	--	--	--	--	--	38	--	91	--	--	.1	8.2	BR
1.4	--	--	--	--	--	--	83	--	138	--	--	.1	7.6	BR
6.7	--	--	--	--	--	--	129	--	265	--	--	.2	7.6	BR
--	--	--	--	--	--	--	--	--	60	--	--	--	--	
--	--	--	--	--	--	--	--	--	88	--	--	--	--	
--	--	--	--	--	--	--	--	--	120	--	--	--	--	
--	--	--	--	--	--	--	--	--	115	--	--	--	--	
--	--	--	--	--	--	--	--	--	130	--	--	--	--	
--	--	--	--	--	--	--	--	--	80	--	--	--	--	
--	--	--	--	--	--	--	--	--	118	--	--	--	--	
--	--	--	--	--	--	--	--	--	135	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	75	--	--	--	--	
--	--	--	--	--	--	--	--	--	140	--	--	--	--	
--	--	--	--	--	--	--	--	--	140	--	--	--	--	
--	--	--	--	--	--	--	--	--	125	--	--	--	--	
--	--	--	--	--	--	--	--	--	225	--	--	--	--	
1.4	.19	--	.03	--	--	--	--	110	181	88	35	.1	7.9	
--	--	--	--	--	--	--	--	--	145	--	--	--	--	
1.9	--	--	--	--	--	--	--	52	90	41	13	.1	8.1	
2.7	--	--	--	--	--	--	--	32	42	20	6	.2	7.1	
.9	--	--	--	--	--	--	--	28	41	18	1	.1	7.4	
.8	--	--	--	--	--	--	--	38	61	30	9	.1	7.2	
--	--	--	--	--	--	--	--	--	90	--	--	--	--	
--	--	--	--	--	--	--	--	--	110	--	--	--	--	
--	--	--	--	--	--	--	--	--	85	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	60	--	--	--	--	
44	--	.20	--	--	--	160	--	--	900	314	86	.9	--	
5.3	--	1.9	--	--	--	40	125	98	175	69	18	.3	7.6	SL
--	--	--	--	--	--	--	--	--	1090	464	165	--	8.1	
9.5	--	.20	--	--	--	--	286	--	453	149	37	1.5	7.7	
48	--	--	--	--	--	--	692	--	1000	470	180	1.1	8.4	BR
31	--	--	--	--	--	--	622	--	899	400	170	1.2	8.4	BR
40	--	--	--	--	--	--	2860	--	316[illegible]	1200	1000	4.9	8.1	BR
5.0	--	--	--	--	--	--	146	--	242	110	39	.4	7.6	BR
9.6	--	--	--	--	--	--	244	--	378	370	270	.5	8.5	BR
8.5	--	--	--	--	--	--	188	--	297	130	42	.4	8.6	BR
6.0	--	--	--	--	--	--	197	--	301	120	33	.7	8.4	BR

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09294000-- CONT.	64-09-04	--	--	1.0	--	54	25	42	--	1.2	173	12	141
	64-10-05	--	--	1.0	--	80	55	158	--	2.4	174	9	555
	64-10-27	--	--	1.0	--	140	86	248	--	5.1	223	0	983
	65-02-02	--	--	10	--	50	48	36	--	3.1	214	12	168
	73-05-24	--	--	--	--	12	5.2	3.7	--	.8	47	0	18
09294500	41-04-20	--	--	--	8.0	84	42	111	--	.0	242	9	319
	47-05-14	0930	--	40	--	86	30	--	179	--	226	0	433
	48-06-09	1120	--	--	10	88	30	--	221	--	216	0	507
	51-09-07	0930	16.5	--	--	91	36	--	152	--	262	0	389
	73-05-09	--	--	--	--	61	32	70	--	2.4	212	0	204
	73-07-25	1330	21.0	60	9.9	83	36	120	--	3.8	268	0	350
	73-08-23	0835	21.0	40	13	110	40	170	--	5.7	242	0	510
	73-09-05	--	--	--	--	98	39	182	--	4.7	222	17	494
09295000	41-03-12	--	--	--	--	73	44	--	100	--	308	0	279
	41-04-20	--	--	299	10	68	37	80	--	.0	270	6	218
	41-05-19	--	--	2410	8.0	33	16	22	--	.0	144	0	65
	41-06-16	--	--	720	2.0	3.4	1.3	.2	--	.0	13	0	4.8
	47-03-20	1410	--	420	--	65	36	--	58	--	248	0	185
	47-05-11	1325	--	2520	--	42	17	--	26	--	150	0	91
	47-06-22	1305	--	1680	--	32	17	--	36	--	130	0	101
	47-09-20	1035	--	83	13	97	57	--	148	--	320	0	454
	48-06-09	1130	--	944	9.9	37	17	--	37	--	150	0	101
	48-09-29	1700	--	14	13	126	79	--	296	--	324	8	834
	49-04-07	1400	12.0	582	--	--	--	--	--	--	264	--	--
	49-09-10	--	--	37	--	93	53	218	--	12	315	--	578
	49-10-14	1425	13.5	201	--	--	--	--	--	--	311	0	--
	50-06-04	1600	12.0	2630	9.7	34	14	--	17	--	173	0	53
	50-11-06	1520	10.0	205	13	81	51	--	21	--	322	0	151
	51-09-07	0915	16.0	97	--	80	41	--	98	--	268	0	309
	51-10-02	1030	14.5	39	--	98	77	213	--	2.9	340	8	642
	54-08-26	1140	--	16	8.4	113	49	253	--	--	338	0	637
	55-10-19	1430	13.5	20	14	94	51	210	--	--	281	0	581
	57-07-26	1400	24.0	192	11	71	30	--	76	--	256	0	216
	57-10-22	--	--	229	--	--	--	--	--	--	318	0	462
	57-10-23	--	--	88	--	--	--	--	--	--	24	0	--
	58-05-21	--	--	2120	12	43	18	--	24	--	197	0	59
	58-08-22	--	--	10	11	101	54	--	238	--	332	0	584
	59-06-26	0900	19.5	--	9.2	42	37	--	101	--	197	0	273
	60-08-30	1515	28.5	3.0	43	95	81	--	426	--	194	0	1130
	65-07-19	--	--	1250	--	46	14	25	--	1.2	184	0	62
	65-08-04	--	--	775	--	47	27	48	--	2.7	206	0	137
	65-08-17	--	--	260	--	--	--	86	--	3.9	271	0	257
	65-08-30	--	--	250	--	--	--	77	--	2.4	199	6	234
	65-09-28	--	--	750	--	46	25	42	--	1.6	191	0	125
	65-11-01	--	--	525	--	--	--	54	--	2.0	209	7	156
	66-01-04	--	--	335	--	--	--	60	--	2.0	243	0	167
	66-03-14	--	--	825	--	--	--	71	--	6.6	265	0	153
	66-04-04	--	--	680	--	--	--	49	--	2.0	248	0	103
	66-05-16	--	--	585	--	--	--	40	--	1.6	197	0	108
	66-06-03	--	--	410	--	52	26	60	--	2.4	202	0	174
	66-06-28	--	--	65	--	109	48	218	--	4.7	--	--	570
	66-07-28	--	--	20	--	127	47	222	--	5.9	336	0	598
	66-08-30	--	--	8.0	--	139	64	322	--	5.5	328	0	702
	66-10-28	--	--	115	--	57	57	120	--	3.5	275	13	328
	67-02-06	--	--	320	--	64	34	57	--	1.6	257	0	178
	67-02-28	--	--	390	--	76	33	93	--	2.4	282	0	241
	69-07-10	--	--	170	--	73	40	86	--	2.8	271	0	267
	69-08-07	--	--	25	--	130	66	216	--	5.9	354	0	647
	69-09-11	--	--	150	--	93	50	114	--	4.7	321	0	347
	69-10-14	--	--	110	--	103	64	175	--	3.5	342	0	522
	70-03-04	--	--	100	--	46	51	90	--	2.4	133	14	333
	70-04-08	--	--	25	--	111	72	204	--	3.5	301	0	658
	70-05-08	--	--	90	--	71	39	89	--	2.8	222	22	265
	70-07-09	--	--	150	--	82	41	118	--	2.8	253	0	366
	71-04-19	--	--	175	--	74	34	75	--	2.4	215	11	242
	71-07-14	--	--	100	--	89	41	119	--	2.4	261	0	379
	71-08-23	--	--	35	--	113	49	173	--	4.7	302	0	521
	71-09-10	1310	20.0	36	--	--	--	--	--	--	--	--	--
	71-10-07	--	--	149	--	86	42	95	--	2.4	279	0	302
	71-10-13	1155	12.5	91	--	--	--	--	--	--	--	--	--
	71-11-10	0850	1.0	295	--	--	--	--	--	--	--	--	--
	71-11-17	--	--	340	--	68	52	83	--	2.7	278	0	280
	71-12-10	0955	.0	280	--	--	--	--	--	--	--	--	--
	72-01-14	0915	.0	302	--	--	--	--	--	--	--	--	--
	72-02-17	0910	2.0	524	--	--	--	--	--	--	--	--	--
	72-03-24	0925	4.5	439	--	--	--	--	--	--	--	--	--
	72-04-05	--	--	160	--	72	36	65	--	1.6	250	0	226
	72-04-21	1050	10.0	110	--	--	--	--	--	--	--	--	--
	72-05-12	--	--	55	--	93	44	127	--	2.8	264	0	395

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
13	--	--	--	--	--	--	372	--	582	240	76	1.2	8.6	BR
26	--	--	--	--	--	--	971	--	1320	430	270	3.3	8.3	BR
32	--	--	--	--	--	--	1760	--	2090	700	520	4.1	8.0	BR
26	--	--	--	--	--	--	490	--	720	320	130	.9	8.7	BR
2.5	--	--	--	--	--	--	79	--	128	51	13	.2	7.4	BR
62	--	.60	--	--	--	310	809	755	1160	384	171	2.5	8.2	SL
64	--	1.8	--	--	--	--	--	905	1330	338	153	4.2	--	
84	--	1.0	--	--	--	--	--	1050	1500	343	166	5.2	--	
50	--	.30	--	--	--	--	--	857	1280	375	144	3.4	--	
35	--	--	--	--	--	--	536	--	796	280	110	1.8	7.8	BR
37	.01	--	--	.06	.6	360	--	773	1130	360	140	2.8	8.3	
63	.20	--	--	.06	.6	370	--	1030	1480	440	240	3.5	8.1	
59	--	--	--	--	--	--	1070	--	1500	410	200	3.9	8.4	BR
28	--	.60	--	--	--	680	--	--	1050	362	110	2.3	8.2	SL
28	--	.60	--	--	--	410	581	581	903	322	94	1.9	8.0	SL
8.9	--	2.5	--	--	--	140	227	224	377	148	30	.8	8.0	SL
.0	--	.00	--	--	--	10	--	18	30	14	3	.0	7.0	
27	--	1.9	--	--	--	--	--	--	804	310	107	1.4	--	
10	--	1.3	--	--	--	--	--	--	430	175	52	.9	--	
11	--	.50	--	--	--	--	--	--	429	150	44	1.3	--	
44	--	1.5	--	--	--	--	--	972	1380	476	214	2.9	--	
10	--	.60	--	--	--	--	--	286	462	162	40	1.3	--	
96	--	.30	--	--	--	--	--	1610	2170	640	361	5.1	--	
46	--	--	--	--	--	--	--	--	914	--	--	--	--	
72	--	.20	--	--	--	1070	--	--	1700	450	192	4.5	--	
28	--	--	--	--	--	--	--	--	1010	--	--	--	--	
5.0	--	.50	--	--	--	--	--	228	390	167	26	.6	--	
25	--	.00	--	--	--	--	--	501	1090	412	148	.4	--	
29	--	.20	--	--	--	--	--	--	1060	368	148	2.2	--	
54	--	--	--	--	--	--	--	1260	1740	562	270	3.9	--	
67	--	.00	--	--	--	--	--	1290	1800	482	205	5.0	7.9	
59	--	.60	--	--	--	--	--	1150	1630	446	216	4.3	8.1	
20	--	.40	--	--	--	--	--	550	849	298	88	1.9	7.3	
--	--	--	--	--	--	--	--	--	1410	452	191	--	8.1	
--	--	--	--	--	--	--	--	--	56	24	4	--	7.2	
5.8	--	.80	--	--	--	--	--	260	432	180	18	.8	7.8	
70	--	.70	--	--	--	860	--	1220	1710	472	200	4.7	8.0	
22	--	2.2	--	--	--	--	--	--	787	258	96	2.7	8.0	
112	--	.70	--	--	--	--	--	--	2620	568	409	7.8	8.1	
9.2	--	--	--	--	--	--	265	--	424	170	22	.8	7.4	BR
16	--	--	--	--	--	--	396	--	608	230	60	1.4	8.1	BR
24	--	--	--	--	--	--	662	--	913	--	--	2.0	7.9	BR
23	--	--	--	--	--	--	576	--	810	--	--	2.0	8.5	BR
15	--	--	--	--	--	--	373	--	563	220	61	1.2	8.1	BR
19	--	--	--	--	--	--	433	--	668	--	--	1.5	8.5	BR
22	--	--	--	--	--	--	494	--	793	--	--	1.6	8.1	BR
38	--	--	--	--	--	--	475	--	796	--	--	1.9	7.5	BR
18	--	--	--	--	--	--	403	--	640	--	--	1.4	8.2	BR
12	--	--	--	--	--	--	364	--	551	--	--	1.2	8.2	BR
18	--	--	--	--	--	--	470	--	692	240	71	1.7	7.7	BR
--	--	--	--	--	--	--	1280	--	--	470	--	4.4	8.0	BR
72	--	--	--	--	--	--	1340	--	1770	510	240	4.3	8.0	BR
87	--	--	--	--	--	--	1810	--	2350	610	340	5.7	8.0	BR
39	--	--	--	--	--	--	920	--	1260	380	130	2.7	8.3	BR
20	--	--	--	--	--	--	499	--	742	300	89	1.4	8.0	BR
35	--	--	--	--	--	--	654	--	951	330	94	2.2	8.1	BR
25	--	--	--	--	--	--	657	--	933	350	130	2.0	8.1	BR
79	--	--	--	--	--	--	1470	--	1940	600	310	3.8	8.2	BR
47	--	--	--	--	--	--	880	--	1230	440	180	2.4	7.6	BR
57	--	--	--	--	--	--	1180	--	1560	520	240	3.3	8.2	BR
32	--	--	--	--	--	--	699	--	933	330	190	2.2	8.5	BR
65	--	--	--	--	--	--	1370	--	1670	570	330	3.7	8.2	BR
30	--	--	--	--	--	560	653	--	902	340	120	2.1	8.5	BR
33	--	--	--	--	--	--	784	--	990	370	170	2.8	8.0	BR
24	--	--	--	--	--	--	590	--	849	330	130	1.8	8.3	BR
36	--	--	--	--	--	--	855	--	1170	390	180	2.6	8.1	BR
55	--	--	--	--	--	--	1130	--	1530	480	240	3.4	8.2	BR
--	--	--	--	--	--	--	--	--	1580	--	--	--	--	
30	--	--	--	--	--	--	748	--	1060	390	160	2.1	8.1	BR
--	--	--	--	--	--	--	--	--	1200	--	--	--	--	
--	--	--	--	--	--	--	--	--	795	--	--	--	--	
30	--	--	--	--	--	--	699	--	981	380	160	1.8	8.2	BR
--	--	--	--	--	--	--	--	--	820	--	--	--	--	
--	--	--	--	--	--	--	--	--	820	--	--	--	--	
--	--	--	--	--	--	--	--	--	750	--	--	--	--	
--	--	--	--	--	--	--	--	--	355	--	--	--	--	
23	--	--	--	--	--	380	589	--	833	330	120	1.6	8.2	BR
--	--	--	--	--	--	--	--	--	1000	--	--	--	--	
38	--	--	--	--	--	--	902	--	1180	410	200	2.7	8.1	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)
09295000--	72-06-02	1320	13.5	2570	--	--	--	--	--	--	--	--	--
CONT.	72-06-28	--	--	400	--	48	20	42	--	1.6	169	0	131
	72-07-11	1005	20.0	30	--	--	--	--	--	--	--	--	--
	72-07-26	--	--	25	--	127	51	221	--	4.3	276	18	628
	72-08-04	0843	18.0	31	--	--	--	--	--	--	--	--	--
	72-08-23	--	--	30	--	107	55	193	--	4.7	312	0	573
	72-09-07	1250	17.0	38	--	--	--	--	--	--	--	--	--
	72-09-19	--	--	45	--	117	59	196	--	5.5	318	0	619
	72-10-12	1110	12.0	179	--	--	--	--	--	--	--	--	--
	72-10-13	--	--	--	--	79	40	95	--	2.8	281	0	290
	72-11-01	1305	4.0	292	--	--	--	--	--	--	--	--	--
	72-12-05	1140	.0	286	--	--	--	--	--	--	--	--	--
	73-01-26	1065	.0	384	--	--	--	--	--	--	--	--	--
	73-03-05	1055	.0	360	--	--	--	--	--	--	--	--	--
	73-03-07	--	.0	300	--	66	34	65	--	2.0	273	0	190
	73-03-22	1005	3.0	792	--	--	--	--	--	--	--	--	--
	73-04-17	1015	7.5	420	7.3	67	35	67	--	2.3	260	0	210
	73-04-25	--	--	--	--	66	33	65	--	2.4	221	15	200
	73-05-10	0905	10.0	425	7.8	62	34	67	--	2.7	256	0	170
	73-05-25	--	--	--	--	32	15	31	--	1.6	142	0	79
	73-06-05	--	7.0	1500	8.1	51	22	45	--	1.8	194	0	120
	73-07-06	--	22.0	58	12	98	49	150	--	3.9	298	0	470
	73-07-12	--	--	--	--	99	51	161	--	4.7	299	0	484
	73-07-23	--	--	--	--	70	36	81	--	3.1	246	0	246
	73-07-25	--	20.0	300	9.2	67	35	67	--	2.5	247	0	230
	73-08-08	--	--	--	--	104	47	166	--	4.3	293	0	515
	73-08-10	0920	19.0	46	11	110	52	180	--	4.4	306	0	580
	73-08-22	--	23.5	230	12	93	47	130	--	6.0	273	0	460
	73-08-23	--	20.5	190	13	81	44	110	--	4.3	257	0	370
	73-09-05	--	--	--	--	95	53	174	--	3.9	287	0	507
	73-09-13	0940	13.5	190	--	--	--	--	--	--	--	--	--
	73-09-21	1245	14.5	125	9.3	92	49	130	--	3.5	302	0	400
	73-11-05	--	3.0	--	--	--	--	--	--	--	--	--	--
	74-01-10	1510	--	381	--	--	--	--	--	--	--	--	--
	74-02-11	1625	.0	434	--	--	--	--	--	--	--	--	--
	74-02-21	--	.0	300	10	67	32	60	--	2.2	266	0	180
	74-03-25	1650	9.0	422	--	--	--	--	--	--	--	--	--
	74-04-22	1625	12.5	349	--	--	--	--	--	--	--	--	--
09297000	41-06-16	--	--	1090	2.0	4.0	1.2	.5	--	.0	13	0	4.8
	57-10-24	--	--	1.5	--	--	--	--	--	--	22	0	--
	58-05-22	--	--	830	3.4	4.8	1.0	--	1.2	--	17	0	3.5
	58-08-29	--	--	200	4.3	5.6	1.0	--	1.4	--	20	0	3.5
	63-06-01	--	--	550	--	3.2	.8	.5	--	.8	15	0	.5
	63-06-17	--	--	450	--	39	33	6.4	--	1.6	254	17	9.1
	63-07-01	--	--	250	--	5.2	.8	1.4	--	.4	19	0	4.3
	63-07-29	--	--	170	--	6.0	1.0	.9	--	.8	18	0	5.8
	63-08-30	--	--	230	--	5.3	1.0	.5	--	.4	18	0	4.3
	63-09-30	--	--	200	--	4.2	1.7	.5	--	.8	21	0	1.0
	63-11-06	--	--	90	--	6.8	1.6	.7	--	.8	23	0	5.3
	64-01-28	--	--	45	--	6.4	1.2	.7	--	.4	20	0	43
	64-04-02	--	--	55	--	66	1.7	1.6	--	.8	22	0	9.1
	64-04-29	--	--	75	--	7.4	1.5	1.8	--	.4	24	0	8.6
	64-05-03	--	--	70	--	8.0	1.8	1.8	--	.4	25	0	11
	64-05-28	--	--	900	--	4.2	1.0	1.4	--	.4	12	0	7.2
	64-06-10	--	--	650	--	4.4	.7	.9	--	.0	14	0	4.3
	64-07-09	--	--	500	--	4.2	1.0	1.2	--	.8	14	0	6.2
	64-07-30	--	--	300	--	5.6	.7	2.1	--	.8	15	0	9.6
	64-09-04	--	--	160	--	5.8	1.2	1.4	--	.4	18	0	7.2
	64-10-05	--	--	90	--	7.0	1.2	.9	--	.4	23	0	6.2
	64-10-27	--	--	75	--	7.8	.2	1.6	--	.8	21	0	7.2
	65-02-03	--	--	50	--	8.2	.8	.9	--	.4	20	1	7.7
	65-04-21	--	--	110	--	8.2	.8	1.8	--	.4	21	0	11
	65-05-17	--	--	175	--	7.6	1.3	.9	--	.4	21	0	9.1
	65-06-15	--	--	1900	--	3.2	.8	.7	--	.4	12	0	2.9
	65-07-06	--	--	1000	--	3.4	.7	.5	--	.4	11	0	2.9
	65-08-04	--	--	550	--	3.6	.7	1.2	--	.4	12	0	3.8
	65-08-31	--	--	300	--	--	--	.5	--	.4	15	0	3.4
	65-09-28	--	--	200	--	--	--	1.2	--	.8	19	0	6.4
	65-11-01	--	--	170	--	--	--	.7	--	.8	16	0	4.3
	66-01-06	--	--	80	--	--	--	1.2	--	1.2	20	0	25
	66-03-16	--	--	80	--	--	--	.7	--	.4	22	0	6.2
	66-03-22	--	--	75	--	--	--	2.1	--	.8	79	0	11
	66-04-06	--	--	100	--	--	--	.5	--	.4	26	0	4.3
	66-05-06	--	--	600	--	--	--	.5	--	.8	13	0	4.3

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	270	--	--	--	--	
12	--	--	--	--	--	--	349	--	555	20[illegible]	64	1.3	8.0	BR
--	--	--	--	--	--	--	--	--	1650	--	--	--	--	
76	--	--	--	--	--	--	1350	--	1790	530	270	4.2	8.3	BR
--	--	--	--	--	--	--	--	--	1400	--	--	--	--	
59	--	--	--	--	--	--	1210	--	1620	490	240	3.8	8.2	BR
--	--	--	--	--	--	--	--	--	1950	--	--	--	--	
56	--	--	--	--	--	--	1280	--	1700	540	270	3.7	8.1	BR
--	--	--	--	--	--	--	--	--	975	--	--	--	--	
28	--	--	--	--	--	--	727	--	1040	360	130	2.2	8.0	BR
--	--	--	--	--	--	--	--	--	900	--	--	--	--	
--	--	--	--	--	--	--	--	--	620	--	--	--	--	
--	--	--	--	--	--	--	--	--	700	--	--	--	--	
--	--	--	--	--	--	--	--	--	740	--	--	--	--	
23	.13	--	.03	--	--	--	--	524	813	300	81	1.6	8.1	
--	--	--	--	--	--	--	--	--	1025	--	--	--	--	
25	--	--	--	--	--	--	--	542	857	310	98	1.7	8.0	
26	--	--	--	--	--	--	547	--	816	300	94	1.6	8.3	BR
22	--	--	--	--	--	--	--	492	777	290	85	1.7	8.3	
10	--	--	--	--	--	--	252	--	411	140	25	1.1	8.2	BR
14	--	--	--	--	--	--	--	358	565	220	59	1.3	7.8	
45	--	--	--	--	--	--	--	975	1410	450	200	3.1	8.0	
43	--	--	--	--	--	--	1080	--	1420	460	210	3.3	7.9	BR
21	--	--	--	--	--	--	625	--	907	320	120	2.0	8.2	BR
20	.00	--	.00	--	--	570	--	554	805	310	110	1.7	8.3	
46	--	--	--	--	--	--	1090	--	1490	450	210	3.4	8.0	BR
45	--	--	--	--	--	--	--	1130	1550	490	240	3.5	8.0	
35	.42	--	.06	--	--	970	--	921	1310	430	200	2.7	7.7	
32	.10	--	.03	--	--	810	--	783	1140	380	170	2.4	8.3	
45	--	--	--	--	--	--	1110	--	1500	460	220	3.5	8.2	BR
--	--	--	--	--	--	--	--	--	1030	--	--	--	--	
31	.02	--	.09	.09	.6	800	--	866	1330	430	180	2.7	8.3	
--	--	--	--	--	--	--	--	--	1550	--	--	--	--	
--	--	--	--	--	--	--	--	--	660	--	--	--	--	
--	--	--	--	--	--	--	--	--	500	--	--	--	--	
21	.12	--	.03	--	.4	390	--	505	776	300	81	1.5	8.3	
--	--	--	--	--	--	--	--	--	750	--	--	--	--	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	
.0	--	.60	--	--	--	40	--	20	34	15	4	.1	7.0	SL
--	--	--	--	--	--	--	--	--	55	20	2	--	6.8	
.5	--	.40	--	--	--	--	31	--	37	15	2	.1	7.4	
.5	--	.30	--	--	--	--	--	26	47	18	2	.1	7.2	
.4	--	--	--	--	--	0	30	--	37	11	0	.1	7.4	BR
2.5	--	--	--	--	--	0	279	--	437	230	0	.2	8.2	BR
.0	--	--	--	--	--	--	29	--	41	16	1	.2	8.0	BR
.7	--	--	--	--	--	--	29	--	47	19	4	.1	7.8	BR
.4	--	--	--	--	--	--	32	--	46	19	4	.1	8.3	BR
1.1	--	--	--	--	--	--	37	--	52	17	0	.1	8.0	BR
1.1	--	--	--	--	--	--	38	--	54	24	5	.1	7.9	BR
1.4	--	--	--	--	--	--	45	--	52	21	5	.1	7.7	BR
.4	--	--	--	--	--	--	48	--	62	170	150	.1	7.9	BR
.4	--	--	--	--	--	--	24	--	60	25	5	.2	8.1	BR
.0	--	--	--	--	--	--	46	--	64	27	7	.2	8.0	BR
.4	--	--	--	--	--	--	34	--	35	15	5	.2	6.8	BR
.0	--	--	--	--	--	--	39	--	34	14	2	.1	7.9	BR
.0	--	--	--	--	--	--	22	--	36	15	3	.1	7.5	BR
.0	--	--	--	--	--	--	40	--	42	17	5	.2	7.6	BR
.4	--	--	--	--	--	--	26	--	44	19	5	.1	8.0	BR
.0	--	--	--	--	--	--	23	--	50	22	4	.1	8.1	BR
.4	--	--	--	--	--	--	55	--	52	20	3	.1	7.6	BR
.4	--	--	--	--	--	--	39	--	58	24	5	.1	8.7	BR
.0	--	--	--	--	--	--	47	--	61	24	7	.2	7.6	BR
.0	--	--	--	--	--	--	49	--	54	24	7	.1	7.9	BR
.7	--	--	--	--	--	--	34	--	27	11	1	.1	6.9	BR
.7	--	--	--	--	--	--	25	--	28	11	2	.1	7.2	BR
.7	--	--	--	--	--	--	29	--	29	12	2	.1	7.3	BR
.0	--	--	--	--	--	--	23	--	33	--	--	.1	7.1	BR
1.4	--	--	--	--	--	--	22	--	35	--	--	.1	7.0	BR
.0	--	--	--	--	--	--	15	--	33	--	--	.1	7.2	BR
1.1	--	--	--	--	--	--	35	--	43	--	--	.1	7.1	BR
.4	--	--	--	--	--	--	23	--	57	--	--	.1	7.0	BR
.0	--	--	--	--	--	--	91	--	147	--	--	.1	7.7	BR
.0	--	--	--	--	--	--	27	--	61	--	--	.1	7.0	BR
.7	--	--	--	--	--	--	47	--	--	--	--	.1	6.2	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09297000--CONT.	66-06-01	--	--	400	--	4.0	1.0	.5	--	.4	13	0	4.8
	66-07-28	--	--	250	--	7.2	.0	.9	--	.4	18	0	2.4
	67-02-06	--	--	60	--	7.0	1.6	.7	--	.4	23	0	6.2
	67-03-01	--	--	55	--	7.8	1.3	1.8	--	.4	26	0	2.9
	67-04-04	--	--	70	--	6.8	2.4	.9	--	.8	22	0	11
	67-05-16	--	--	90	--	8.6	1.8	1.6	--	.8	27	0	10
	67-06-13	--	--	675	--	4.0	1.5	.7	--	.4	13	0	6.2
	67-07-11	--	--	600	--	3.8	.8	.7	--	.8	12	0	4.3
	67-08-09	--	--	375	--	3.8	1.2	.7	--	.8	12	0	5.8
	67-09-14	--	--	190	--	4.8	1.0	.7	--	.8	16	0	3.8
	67-11-07	--	--	90	--	6.2	1.5	.9	--	.4	22	0	5.3
	68-02-08	--	--	60	--	8.4	2.1	.5	--	.4	26	0	8.6
	68-03-26	--	--	65	--	8.8	2.1	1.4	--	.4	29	0	9.6
	68-07-10	--	--	580	--	3.6	3.3	1.2	--	.4	13	0	14
	68-08-28	--	--	280	--	6.4	1.7	1.2	--	.4	21	0	7.2
	68-10-03	--	--	170	--	7.6	2.2	.7	--	.8	28	0	6.7
	69-04-17	--	--	100	--	8.6	2.7	.9	--	.4	26	0	13
	69-06-04	--	--	650	--	3.8	.7	.9	--	.4	15	0	1.0
	69-07-10	--	--	310	--	4.4	1.0	1.2	--	.4	15	0	5.3
	69-10-15	--	--	120	--	5.0	2.4	1.2	--	.4	22	0	6.7
	70-03-04	--	--	60	--	9.6	2.3	1.8	--	.4	34	0	8.6
	70-04-08	--	--	55	--	7.4	2.2	1.2	--	.4	26	0	8.6
	70-06-11	--	--	475	--	6.4	1.2	.7	--	.4	23	0	1.4
	70-07-09	--	--	325	--	11	2.1	1.6	--	.4	41	0	5.3
	70-09-03	--	--	180	--	6.2	1.2	1.4	--	.8	20	0	7.2
	71-04-29	--	--	65	--	7.8	2.0	1.8	--	.8	27	0	9.1
	71-07-14	--	--	300	--	5.6	1.1	.9	--	.4	19	0	5.3
	71-08-23	--	--	230	--	4.8	1.0	2.1	--	.4	18	0	6.2
	71-09-14	1040	9.5	150	--	--	--	--	--	--	--	--	--
	71-10-05	--	--	140	--	5.6	1.5	.5	--	.8	18	0	7.2
	71-10-14	0917	5.0	106	--	--	--	--	--	--	--	--	--
	71-11-11	0915	1.0	92	--	--	--	--	--	--	--	--	--
	71-11-17	--	--	90	--	6.8	1.5	.7	--	.8	21	0	9.1
	71-12-09	0950	.0	59	--	--	--	--	--	--	--	--	--
	72-01-13	0925	.0	61	--	--	--	--	--	--	--	--	--
	72-02-17	1300	3.5	56	--	--	--	--	--	--	--	--	--
	72-02-28	--	1.0	67	--	--	--	--	--	--	--	--	--
	72-04-05	--	--	75	--	6.2	1.3	.7	--	.4	19	0	6.7
	72-04-20	0930	2.5	83	--	--	--	--	--	--	--	--	--
	72-05-11	--	--	150	--	6.6	.6	1.4	--	.4	19	0	7.7
	72-05-19	1345	9.0	320	--	--	--	--	--	--	--	--	--
	72-06-20	1325	12.5	420	--	--	--	--	--	--	--	--	--
	72-06-29	--	--	350	--	4.0	.7	.9	--	.4	13	0	4.8
	72-07-25	--	--	185	--	5.4	1.0	.9	--	.4	18	0	7.2
	72-07-27	0955	12.0	240	--	--	--	--	--	--	--	--	--
	72-08-10	0935	12.0	173	--	--	--	--	--	--	--	--	--
	72-08-23	--	--	150	--	5.0	1.1	.7	--	.4	18	0	5.8
	72-09-19	--	--	150	--	7.6	1.6	.7	--	.8	27	0	6.7
	72-09-25	1525	9.0	83	--	--	--	--	--	--	--	--	--
	72-10-11	--	--	--	--	6.8	1.5	.9	--	.8	23	0	6.2
	72-10-19	1520	7.0	89	--	--	--	--	--	--	--	--	--
	72-11-17	0930	.0	95	--	--	--	--	--	--	--	--	--
	73-02-08	1000	.0	70	--	--	--	--	--	--	--	--	--
	73-03-02	0955	1.5	57	--	--	--	--	--	--	--	--	--
	73-03-15	0920	.5	48	--	--	--	--	--	--	--	--	--
	73-04-12	--	5.0	60	4.8	7.4	1.7	2.1	--	.6	25	0	6.7
	73-04-25	--	--	--	--	6.6	1.5	1.2	--	.8	21	0	5.6
	73-05-10	--	7.5	161	4.3	6.8	1.6	1.4	--	.6	27	0	6.1
	73-05-23	--	--	--	--	3.4	.7	.5	--	.4	12	0	5.3
	73-06-04	--	7.0	616	3.2	3.6	.9	.7	--	.5	14	0	3.8
	73-07-06	1430	15.5	403	2.5	3.2	.8	.6	--	.4	18	0	2.8
	73-08-07	--	--	--	--	6.0	1.1	.7	--	.4	21	0	4.8
	73-08-10	--	14.5	396	2.9	3.6	.8	1.1	--	.4	15	0	3.6
	73-09-04	--	--	--	--	3.4	.8	.5	--	.4	12	0	4.3
	73-09-12	1230	10.0	310	--	--	--	--	--	--	--	--	--
	74-01-09	1225	.0	47	--	--	--	--	--	--	--	--	--
	74-02-12	1445	3.0	74	--	--	--	--	--	--	--	--	--
	74-03-26	1415	5.0	56	--	--	--	--	--	--	--	--	--
	74-04-23	0900	4.5	59	--	--	--	--	--	--	--	--	--
09297500	49-09-10	--	--	--	--	45	13	6.0	--	3.1	236	--	16
09298000	71-08-25	1345	10.5	2.5	--	--	--	--	--	--	--	--	--
	71-09-14	1400	11.0	2.5	--	--	--	--	--	--	--	--	--
	71-10-14	1325	9.5	2.8	--	--	--	--	--	--	--	--	--
	71-11-12	0905	5.0	2.9	--	--	--	--	--	--	--	--	--
	72-02-07	1205	2.0	2.4	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.0	--	--	--	--	--	--	33	--	--	14	3	.1	6.6	BR
.7	--	--	--	--	--	--	29	--	39	18	3	.1	7.1	BR
.7	--	--	--	--	--	--	31	--	56	24	5	.1	7.1	BR
.4	--	--	--	--	--	--	38	--	64	25	4	.2	7.8	BR
.7	--	--	--	--	--	--	32	--	56	27	9	.1	7.5	BR
.4	--	--	--	--	--	--	41	--	62	29	7	.1	7.4	BR
.7	--	--	--	--	--	--	33	--	--	16	6	.1	7.3	BR
1.1	--	--	--	--	--	--	17	--	28	13	3	.1	7.0	BR
.7	--	--	--	--	--	--	23	--	30	14	5	.1	7.1	BR
.7	--	--	--	--	--	--	--	--	35	16	3	.1	7.3	BR
.4	--	--	--	--	--	--	39	--	48	22	4	.1	7.6	BR
.7	--	--	--	--	--	--	42	--	63	30	8	.0	7.6	BR
.0	--	--	--	--	--	--	36	--	67	31	7	.1	7.4	BR
.4	--	--	--	--	--	--	25	--	27	23	12	.1	7.3	BR
.0	--	--	--	--	--	--	34	--	45	23	6	.1	7.4	BR
.4	--	--	--	--	--	--	39	--	56	28	5	.1	7.4	BR
.0	--	--	--	--	--	--	36	--	63	33	11	.1	7.4	BR
1.4	--	--	--	--	--	--	15	--	35	12	0	.1	7.5	BR
.0	--	--	--	--	--	--	26	--	37	15	3	.1	7.5	BR
.0	--	--	--	--	--	--	49	--	51	22	4	.1	7.6	BR
.7	--	--	--	--	--	--	48	--	74	33	6	.1	7.8	BR
.0	--	--	--	--	--	--	31	--	60	28	6	.3	7.9	BR
2.1	--	--	--	--	--	--	25	--	46	21	2	.1	7.5	BR
1.4	--	--	--	--	--	--	49	--	76	36	2	.1	7.4	BR
.7	--	--	--	--	--	--	40	--	46	20	4	.1	7.6	BR
.0	--	--	--	--	--	--	29	--	62	28	6	.2	8.0	BR
.4	--	--	--	--	--	--	28	--	42	19	3	.1	7.7	BR
.7	--	--	--	--	--	--	22	--	38	16	1	.2	7.7	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
.4	--	--	--	--	--	--	39	--	42	20	5	.0	7.9	BR
--	--	--	--	--	--	--	--	--	59	--	--	--	--	
--	--	--	--	--	--	--	--	--	50	--	--	--	--	
.7	--	--	--	--	--	--	33	--	52	23	6	.1	8.0	BR
--	--	--	--	--	--	--	--	--	70	--	--	--	--	
--	--	--	--	--	--	--	--	--	68	--	--	--	--	
--	--	--	--	--	--	--	--	--	52	--	--	--	--	
--	--	--	--	--	--	--	--	--	56	--	--	--	--	
.0	--	--	--	--	--	--	40	--	51	21	5	.1	8.0	BR
--	--	--	--	--	--	--	--	--	545	--	--	--	--	
.0	--	--	--	--	--	--	46	--	44	19	3	.1	7.2	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
1.4	--	--	--	--	--	--	17	--	31	13	2	.1	7.9	BR
.0	--	--	--	--	--	--	30	--	40	18	3	.1	8.1	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
1.1	--	--	--	--	--	--	29	--	42	17	2	.1	7.8	BR
.7	--	--	--	--	--	--	44	--	60	26	3	.1	7.9	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
1.1	--	--	--	--	--	--	31	--	55	23	4	.1	7.8	BR
--	--	--	--	--	--	--	--	--	110	--	--	--	--	
--	--	--	--	--	--	--	--	--	110	--	--	--	--	
--	--	--	--	--	--	--	--	--	115	--	--	--	--	
--	--	--	--	--	--	--	--	--	170	--	--	--	--	
--	--	--	--	--	--	--	--	--	56	--	--	--	7.9	
2.3	--	--	--	--	--	--	--	38	55	25	5	.2	7.6	
.4	--	--	--	--	--	--	38	--	55	23	5	.1	8.0	BR
2.0	--	--	--	--	--	--	--	36	56	24	1	.1	8.2	
.0	--	--	--	--	--	--	24	--	31	11	2	.1	8.0	BR
1.3	--	--	--	--	--	--	--	21	56	13	2	.1	6.7	
.7	--	--	--	--	--	--	--	20	25	11	0	.1	7.1	
.0	--	--	--	--	--	--	36	--	46	20	2	.1	7.3	BR
.8	--	--	--	--	--	--	--	21	3[illegible]	12	0	.1	7.6	
.0	--	--	--	--	--	--	26	--	32	12	2	.1	7.1	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
--	--	--	--	--	--	--	--	--	65	--	--	--	--	
--	--	--	--	--	--	--	--	--	85	--	--	--	--	
--	--	--	--	--	--	--	--	--	55	--	--	--	--	
--	--	--	--	--	--	--	--	--	7[illegible]	--	--	--	--	
2.1	--	.20	--	--	--	60	--	--	420	166	0	--	--	
--	--	--	--	--	--	--	--	--	325	--	--	--	--	
--	--	--	--	--	--	--	--	--	300	--	--	--	--	
--	--	--	--	--	--	--	--	--	325	--	--	--	--	
--	--	--	--	--	--	--	--	--	310	--	--	--	--	
--	--	--	--	--	--	--	--	--	318	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09298000--CONT.	72-03-28	1255	2.5	2.8	--	--	--	--	--	--	--	--	--
	72-04-24	1355	11.0	3.3	--	--	--	--	--	--	--	--	--
	72-05-19	0950	5.5	26	--	--	--	--	--	--	--	--	--
	72-07-25	1425	13.5	3.0	--	--	--	--	--	--	--	--	--
	72-08-30	1020	8.5	2.9	--	--	--	--	--	--	--	--	--
	72-09-25	1015	6.0	2.5	--	--	--	--	--	--	--	--	--
	72-10-19	1300	7.5	3.4	--	--	--	--	--	--	--	--	--
	72-11-14	0930	4.0	3.4	--	--	--	--	--	--	--	--	--
	73-03-07	--	.0	2.6	--	55	15	4.0	--	1.7	196	0	53
	73-05-09	--	6.0	8.1	7.5	56	15	2.0	--	1.5	198	0	39
	73-06-25	1355	11.5	11	7.3	38	9.3	1.4	--	1.2	133	0	26
	73-07-16	1435	13.0	5.0	--	20	11	--	--	--	158	0	--
	73-08-17	1005	9.0	4.0	9.1	46	12	2.3	--	1.4	167	0	35
	74-03-26	1015	5.0	3.2	--	--	--	--	--	--	--	--	--
	74-04-23	1240	7.5	2.8	--	--	--	--	--	--	--	--	--
09299500	41-06-16	--	--	720	2.0	3.4	1.3	.2	--	.0	13	0	4.8
	63-06-20	--	--	320	--	5.4	1.1	.7	--	.4	16	0	5.8
	63-07-01	--	--	140	--	5.6	1.0	.7	--	.4	16	0	6.7
	63-07-29	--	--	115	--	4.0	1.5	.7	--	.4	21	0	.0
	63-08-30	--	--	95	--	7.2	1.6	.5	--	.4	29	0	1.0
	63-09-30	--	--	105	--	4.8	1.6	.7	--	.4	23	0	4.8
	63-11-07	--	--	55	--	8.6	3.4	.7	--	.4	35	0	8.2
	64-01-28	--	--	30	--	11	3.2	1.6	--	.8	38	0	13
	64-04-02	--	--	25	--	11	3.0	1.6	--	.8	35	0	14
	64-04-29	--	--	35	--	11	2.6	1.8	--	.4	32	0	14
	64-05-13	--	--	35	--	11	3.2	2.1	--	.4	50	0	4.3
	64-05-29	--	--	400	--	4.0	.8	.5	--	.4	12	0	4.3
	64-06-10	--	--	410	--	4.6	.5	.9	--	.4	15	0	2.4
	64-07-09	--	--	180	--	5.8	.8	1.4	--	.8	20	0	4.3
	64-07-30	--	--	170	--	5.8	.8	.7	--	.4	18	0	4.8
	64-09-04	--	--	100	--	6.8	1.5	.7	--	.4	26	0	2.9
	64-10-05	--	--	50	--	8.6	2.2	1.4	--	.4	31	0	6.7
	64-10-27	--	--	40	--	10	2.2	1.6	--	.8	37	0	9.1
	65-02-03	--	--	25	--	10	3.5	2.5	--	.4	39	0	12
	65-04-21	--	--	60	--	16	1.0	2.3	--	.8	34	0	21
	65-05-19	--	--	170	--	6.8	2.7	1.4	--	.4	33	0	14
	65-06-15	--	--	900	--	3.6	.7	.7	--	.4	12	0	4.3
	65-07-06	--	--	520	--	3.4	1.2	.5	--	.4	12	0	5.3
	65-08-04	--	--	240	--	6.8	1.2	1.2	--	.4	13	3	8.6
	65-08-31	--	--	130	--	--	--	.7	--	.8	21	0	6.7
	65-09-28	--	--	115	--	--	--	2.3	--	1.2	26	0	8.2
	65-11-01	--	--	65	--	--	--	1.4	--	1.2	28	0	7.2
	66-01-04	--	--	45	--	--	--	1.6	--	1.2	31	0	10
	66-03-14	--	--	35	--	--	--	.9	--	.8	30	0	12
	66-03-22	--	--	35	--	--	--	1.8	--	2.4	33	0	17
	66-04-06	--	--	55	--	--	--	.9	--	.8	29	0	9.1
	66-05-06	--	--	500	--	--	--	.9	--	.4	16	0	2.4
	66-06-01	--	--	275	--	4.4	1.6	.9	--	.4	16	0	6.7
	66-06-28	--	--	165	--	4.2	1.4	.5	--	.4	20	0	3.4
	66-07-29	--	--	110	--	6.6	.0	1.2	--	.4	22	0	.0
	67-02-06	--	--	30	--	12	3.6	1.6	--	.4	38	0	16
	67-03-01	--	--	25	--	12	2.4	2.3	--	.4	36	0	14
	67-04-05	--	--	40	--	10	3.8	1.8	--	.8	33	0	17
	67-05-16	--	--	60	--	9.6	1.7	2.3	--	.8	27	0	13
	67-06-18	--	--	600	--	4.6	1.8	.7	--	.8	15	0	7.2
	67-07-11	--	--	320	--	4.6	1.5	.5	--	.8	17	0	4.3
	67-08-09	--	--	250	--	5.4	1.5	.9	--	.8	18	0	6.2
	67-09-14	--	--	130	--	5.8	1.8	1.6	--	.8	22	0	7.2
	67-11-09	--	--	30	--	10	3.2	1.8	--	.4	38	0	9.1
	68-02-07	--	--	25	--	11	3.8	.7	--	.4	38	0	12
	68-03-27	--	--	25	--	13	4.1	1.6	--	.4	43	0	17
	68-07-10	--	--	350	--	13	1.2	.5	--	.4	9	0	4.3
	68-08-28	--	--	130	--	6.8	1.8	.7	--	.8	23	0	6.7
	68-10-03	--	--	90	--	7.0	2.0	.7	--	.8	24	0	8.2
	69-02-19	--	--	25	--	13	3.9	1.8	--	.8	45	0	13
	69-07-09	--	--	210	--	6.8	1.7	1.4	--	.4	26	0	6.2
	69-09-11	--	--	110	--	6.2	1.8	.9	--	.4	23	0	5.8
	70-03-04	--	--	25	--	12	3.5	2.1	--	.4	38	0	15
	70-04-08	--	--	25	--	11	3.4	2.1	--	.4	37	0	14
	70-06-11	--	--	370	--	4.6	1.0	1.2	--	.4	14	0	6.7
	70-07-09	--	--	250	--	4.8	1.1	1.2	--	.4	16	0	5.3
	71-04-29	--	--	35	--	10	2.7	2.1	--	.8	31	0	12
	71-07-14	--	--	190	--	5.2	1.6	.5	--	.4	19	0	5.3
	71-08-23	--	--	140	--	7.2	1.7	1.2	--	.4	26	0	8.2
	71-08-25	1145	12.5	117	--	--	--	--	--	--	--	--	--
	71-09-27	1030	--	67	--	--	--	--	--	--	--	--	--
	71-10-07	--	--	65	--	9.4	2.3	.9	--	.8	34	0	8.6
	71-10-22	1040	2.5	44	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	350	--	--	--	--	
--	--	--	--	--	--	--	--	--	325	--	--	--	--	
--	--	--	--	--	--	--	--	--	175	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	360	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	365	--	--	--	--	
--	--	--	--	--	--	--	--	--	280	--	--	--	--	
2.6	.05	--	.03	--	--		--	238	375	200	38	.1	8.0	
4.1	--	--	--	--	--	--	--	223	380	200	39	.1	7.9	
1.7	--	--	--	--	--	--	--	150	265	130	24	.1	7.8	
--	--	--	--	--	--	--	--	--	302	95	0	--	7.9	
1.4	--	--	--	--	--	--	--	190	317	160	27	.1	8.2	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
--	--	--	--	--	--	--	--	--	320	--	--	--	--	
.0	--	.00	--	--	--	10	--	18	30	14	4	.0	7.0	SL
.4	--	--	--	--	--	--	44	--	45	18	5	.1	6.8	BR
.0	--	--	--	--	--	--	40	--	42	18	5	.1	7.3	BR
.4	--	--	--	--	--	--	40	--	44	16	0	.1	7.3	BR
.7	--	--	--	--	--	--	34	--	59	25	1	.1	7.9	BR
1.1	--	--	--	--	--	--	33	--	57	19	0	.1	7.8	BR
.0	--	--	--	--	--	--	52	--	84	35	7	.1	7.9	BR
.4	--	--	--	--	--	--	65	--	95	41	9	.1	7.9	BR
1.1	--	--	--	--	--	--	61	--	94	40	11	.1	8.1	BR
1.1	--	--	--	--	--	--	52	--	89	38	12	.1	7.9	BR
.4	--	--	--	--	--	--	69	--	97	41	0	.1	8.2	BR
.4	--	--	--	--	--	--	23	--	34	13	3	.1	6.6	BR
1.1	--	--	--	--	--	--	21	--	34	14	1	.1	7.8	BR
1.1	--	--	--	--	--	--	33	--	57	18	1	.1	7.8	BR
.4	--	--	--	--	--	--	43	--	44	18	3	.1	8.0	BR
.8	--	--	--	--	--	--	32	--	51	23	2	.1	8.1	BR
1.1	--	--	--	--	--	--	33	--	71	31	5	.1	8.0	BR
.0	--	--	--	--	--	--	58	--	82	34	4	.1	8.1	BR
1.8	--	--	--	--	--	--	69	--	94	39	7	.2	7.6	BR
1.1	--	--	--	--	--	--	63	--	104	44	16	.1	8.0	BR
.0	--	--	--	--	--	--	48	--	59	28	1	.1	7.6	BR
.0	--	--	--	--	--	--	36	--	--	12	2	.1	7.0	BR
.0	--	--	--	--	--	--	26	--	32	13	4	.0	7.7	BR
.0	--	--	--	--	--	--	30	--	44	22	6	.1	8.9	BR
.0	--	--	--	--	--	--	35	--	53	--	--	.1	7.4	BR
.8	--	--	--	--	--	--	28	--	55	--	--	.2	7.1	BR
.8	--	--	--	--	--	--	32	--	64	--	--	.1	7.9	BR
.7	--	--	--	--	--	--	53	--	74	--	--	.1	7.5	BR
.0	--	--	--	--	--	--	56	--	80	--	--	.1	7.1	BR
.0	--	--	--	--	--	--	54	--	84	--	--	.1	7.4	BR
.4	--	--	--	--	--	--	38	--	72	--	--	.1	7.1	BR
.4	--	--	--	--	--	--	42	--	35	--	--	.1	7.1	BR
.0	--	--	--	--	--	--	42	--	37	18	4	.1	6.8	BR
.0	--	--	--	--	--	--	39	--	44	16	0	.1	7.7	BR
1.1	--	--	--	--	--	--	33	--	47	16	0	.1	7.7	BR
1.1	--	--	--	--	--	--	58	--	100	45	14	.1	7.7	BR
.4	--	--	--	--	--	--	53	--	90	40	10	.2	7.6	BR
1.1	--	--	--	--	--	--	52	--	88	41	14	.1	7.9	BR
.4	--	--	--	--	--	--	45	--	72	31	9	.2	7.4	BR
1.1	--	--	--	--	--	--	42	--	76	19	7	.1	7.5	BR
.7	--	--	--	--	--	--	34	--	37	18	4	.0	7.7	BR
.7	--	--	--	--	--	--	32	--	42	20	5	.1	7.2	BR
.7	--	--	--	--	--	--	18	--	49	22	4	.1	7.8	BR
1.4	--	--	--	--	--	--	61	--	85	38	7	.1	7.9	BR
1.1	--	--	--	--	--	--	61	--	97	43	12	.0	7.8	BR
.7	--	--	--	--	--	--	70	--	109	49	14	.0	7.9	BR
.7	--	--	--	--	--	--	23	--	23	37	29	.1	7.5	BR
.7	--	--	--	--	--	--	45	--	48	24	6	.1	7.7	BR
.0	--	--	--	--	--	--	44	--	54	26	6	.1	7.6	BR
2.1	--	--	--	--	--	--	57	--	103	49	12	.1	8.1	BR
.0	--	--	--	--	--	--	31	--	54	24	3	.1	7.9	BR
.4	--	--	--	--	--	--	30	--	50	23	4	.1	7.7	BR
1.1	--	--	--	--	--	--	63	--	95	44	13	.1	7.3	BR
1.1	--	--	--	--	--	--	51	--	92	41	11	.1	7.9	BR
.0	--	--	--	--	--	--	32	--	35	16	4	.1	7.6	BR
.7	--	--	--	--	--	--	30	--	37	17	3	.1	7.3	BR
.0	--	--	--	--	--	--	43	--	82	36	11	.2	7.7	BR
.7	--	--	--	--	--	--	24	--	41	20	4	.1	7.7	BR
1.4	--	--	--	--	--	--	33	--	56	25	4	.1	7.7	BR
--	--	--	--	--	--	--	--	--	80	--	--	--	--	
--	--	--	--	--	--	--	--	--	70	--	--	--	--	
.4	--	--	--	--	--	--	52	--	66	33	5	.1	7.9	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09299500--CONT.	71-11-18	--	--	40	--	11	2.8	1.6	--	.8	40	0	9.6
	71-11-24	0950	1.0	34	--	--	--	--	--	--	--	--	--
	71-12-22	1145	.0	37	--	--	--	--	--	--	--	--	--
	72-02-28	1030	.5	28	--	--	--	--	--	--	--	--	--
	72-03-27	1045	1.0	3.0	--	--	--	--	--	--	--	--	--
	72-04-05	--	--	35	--	12	3.2	2.1	--	.8	40	0	16
	72-05-11	--	--	125	--	6.8	1.5	1.8	--	.8	20	0	10
	72-06-29	--	--	190	--	5.8	.8	.9	--	.4	19	0	5.3
	72-07-25	1100	13.0	161	--	--	--	--	--	--	--	--	--
	72-07-26	--	--	190	--	5.2	1.0	.9	--	.4	18	0	3.4
	72-08-23	--	--	95	--	7.0	1.8	.7	--	.4	26	0	5.8
	72-08-25	0740	8.0	90	--	--	--	--	--	--	--	--	--
	72-09-19	--	--	110	--	6.0	1.6	.7	--	.8	22	0	6.2
	72-09-25	1330	8.0	63	--	--	--	--	--	--	--	--	--
	72-10-11	--	--	--	--	7.4	2.0	1.2	--	.4	26	0	9.1
	72-10-19	0945	7.0	99	--	--	--	--	--	--	--	--	--
	72-11-20	1355	1.0	55	--	--	--	--	--	--	--	--	--
	73-01-25	1000	.0	26	--	--	--	--	--	--	--	--	--
	73-02-26	0905	.5	27	--	--	--	--	--	--	--	--	--
	73-03-07	--	.0	27	--	11	3.1	1.8	--	1.3	48	0	14
	73-03-24	1020	.0	37	--	--	--	--	--	--	--	--	--
	73-04-25	--	5.0	40	.8	13	3.8	4.8	--	.8	42	0	17
	73-04-25	1200	--	--	--	11	3.3	1.8	--	.8	36	0	16
	73-05-23	1020	3.0	754	3.7	4.7	1.3	1.5	--	.5	14	0	6.8
	73-05-23	1200	--	--	--	4.2	1.0	.5	--	.4	14	0	5.3
	73-06-25	0900	10.5	312	2.5	4.6	1.2	.7	--	.5	18	0	4.9
	73-07-20	1130	12.0	383	2.7	4.7	1.1	.6	--	.3	17	0	4.3
	73-08-07	--	--	--	--	6.2	1.6	.9	--	.4	24	0	4.8
	73-08-24	0930	12.0	142	3.2	5.3	1.2	1.1	--	.5	19	0	5.7
	73-09-04	--	--	--	--	7.8	2.1	.9	--	.8	31	0	6.2
	73-09-25	0915	6.0	93	--	--	--	--	--	--	--	--	--
	73-10-25	--	7.0	49	--	--	--	--	--	--	--	--	--
	73-11-26	--	.0	38	--	--	--	--	--	--	--	--	--
	73-12-17	1530	.0	34	--	--	--	--	--	--	--	--	--
	74-01-18	1330	.0	31	--	--	--	--	--	--	--	--	--
	74-05-28	1100	9.0	190	--	--	--	--	--	--	--	--	--
	74-06-25	1255	13.0	115	--	--	--	--	--	--	--	--	--
09300500	49-10-14	1500	13.5	6.0	--	98	85	--	123	--	349	0	483
	51-10-02	1230	16.5	2.6	--	76	68	86	--	1.7	261	14	364
	65-04-21	--	--	15	--	65	38	69	--	2.4	237	11	195
	65-05-19	--	--	10	--	56	69	122	--	3.9	252	24	337
	65-06-15	--	--	1000	--	19	5.1	6.0	--	.8	63	0	24
	65-07-07	--	--	700	--	13	5.0	6.2	--	.8	51	0	19
	65-08-04	--	--	250	--	22	9.7	12	--	.4	98	0	34
	65-08-31	--	--	15	--	--	--	60	--	2.4	234	8	211
	65-10-25	--	--	25	--	--	--	114	--	3.1	281	19	326
	65-11-01	--	--	80	--	--	--	51	--	2.4	278	0	157
	66-01-27	--	--	50	--	--	--	19	--	1.6	153	6	85
	66-03-22	--	--	75	--	--	--	22	--	1.2	159	0	91
	66-04-28	--	--	5.0	--	--	--	87	--	3.9	280	0	303
	66-05-31	--	--	10	--	55	39	63	--	2.7	224	0	204
	66-06-29	--	--	1.0	--	72	58	77	--	3.1	282	0	288
	66-07-28	--	--	1.0	--	56	42	60	--	2.4	243	0	193
	66-08-30	--	--	1.0	--	63	64	91	--	4.7	259	5	318
	66-09-23	--	--	3.0	--	18	29	33	--	1.2	87	5	131
	66-10-26	--	--	5.0	--	82	69	75	--	3.5	308	19	313
	67-04-06	--	--	--	--	67	39	63	--	2.0	246	0	204
	67-05-17	--	--	3.0	--	109	104	128	--	2.4	340	16	564
	67-06-13	--	--	800	--	24	9.8	11	--	.8	90	0	42
	67-07-12	--	--	20	--	80	59	72	--	2.4	309	0	284
	67-08-10	--	--	20	--	53	37	46	--	2.7	220	0	172
	68-02-07	--	--	--	--	39	21	23	--	1.2	141	0	102
	68-03-27	--	--	16	--	64	30	76	--	2.0	223	30	166
	68-10-03	--	--	5.0	--	76	56	71	--	2.4	253	16	287
	69-02-19	--	--	20	--	42	20	18	--	--	146	0	94
	69-07-10	--	--	20	--	64	46	57	--	--	235	12	217
	69-09-11	--	--	10	--	66	46	55	--	--	225	11	227
	69-10-14	--	--	20	--	83	62	86	--	--	353	0	297
	70-03-04	--	--	60	--	46	27	34	--	--	187	0	120
	70-04-08	--	--	10	--	83	86	105	--	--	337	0	429
	70-06-11	--	--	400	--	48	38	76	--	--	170	14	228
	73-07-25	--	19.0	220	7.7	46	28	38	--	2.1	195	0	140
	73-08-22	--	23.0	49	7.3	43	27	40	--	2.9	170	5	150
	73-09-21	1210	15.5	10	9.4	95	88	110	--	3.4	360	0	460
09301000	58-05-21	--	--	52	7.3	18	2.4	--	1.8	--	62	0	5.8
	63-06-05	--	--	4.0	--	29	5.2	7.4	--	1.6	99	0	13
	64-04-30	--	--	8.0	--	25	3.6	4.1	--	2.7	85	0	15

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA+MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.7	--	--	--	--	--	--	51	--	84	39	6	.1	8.0	BR
--	--	--	--	--	--	--	--	--	95	--	--	--	--	
--	--	--	--	--	--	--	--	--	90	--	--	--	--	
--	--	--	--	--	--	--	--	--	95	--	--	--	--	
--	--	--	--	--	--	--	--	--	130	--	--	--	--	
1.4	--	--	--	--	--	--	65	--	95	43	10	.1	8.2	BR
.4	--	--	--	--	--	--	42	--	54	23	7	.2	7.7	BR
.4	--	--	--	--	--	--	28	--	41	18	2	.1	7.5	BR
--	--	--	--	--	--	--	--	--	<50	--	--	--	--	
.0	--	--	--	--	--	--	28	--	40	17	2	.1	8.1	BR
.4	--	--	--	--	--	--	29	--	58	25	4	.1	7.8	BR
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
.8	--	--	--	--	--	--	32	--	52	22	4	.1	7.6	BR
--	--	--	--	--	--	--	--	--	75	--	--	--	--	
1.1	--	--	--	--	--	--	34	--	60	27	5	.1	7.9	BR
--	--	--	--	--	--	--	--	--	100	--	--	--	--	
--	--	--	--	--	--	--	--	--	130	--	--	--	--	
--	--	--	--	--	--	--	--	--	200	--	--	--	--	
--	--	--	--	--	--	--	--	--	90	--	--	--	--	
1.5	.19	--	.03	--	--	--	--	60	104	40	1	.1	8.2	
--	--	--	--	--	--	--	--	--	160	--	--	--	--	
6.5	--	--	--	--	--	--	--	67	100	48	14	.3	7.9	
1.1	--	--	--	--	--	--	67	--	102	41	12	.1	8.0	BR
.1	--	--	--	--	--	--	--	26	36	17	6	.2	8.0	
.7	--	--	--	--	--	--	27	--	36	15	3	.1	7.0	BR
1.0	--	--	--	--	--	--	--	24	36	16	2	.1	7.2	
.7	.00	--	.00	.00	.2	40	--	23	36	16	2	.1	8.2	
.7	--	--	--	--	--	--	33	--	52	22	2	.1	7.5	BR
1.1	.07	--	.06	.06	.0	20	--	28	46	18	3	.1	7.4	
.7	--	--	--	--	--	--	43	--	66	28	3	.1	8.1	BR
--	--	--	--	--	--	--	--	--	145	--	--	--	--	
--	--	--	--	--	--	--	--	--	70	--	--	--	--	
--	--	--	--	--	--	--	--	--	130	--	--	--	--	
--	--	--	--	--	--	--	--	--	95	--	--	--	--	
--	--	--	--	--	--	--	--	--	90	--	--	--	--	
--	--	--	--	--	--	--	--	--	60	--	--	--	--	
--	--	--	--	--	--	--	--	--	60	--	--	--	--	
51	--	--	--	--	--	--	--	--	1400	594	308	2.2	--	
38	--	--	--	--	--	--	--	776	1130	472	235	1.7	--	
40	--	--	--	--	--	--	579	--	868	320	110	1.7	--	BR
68	--	--	--	--	--	--	877	--	1220	420	180	2.6	8.5	BR
3.2	--	--	--	--	--	--	103	--	153	68	17	.3	6.8	BR
3.2	--	--	--	--	--	--	84	--	130	53	11	.4	7.6	BR
4.6	--	--	--	--	--	--	150	--	235	95	14	.5	7.7	BR
25	--	--	--	--	--	--	571	--	804	--	--	1.4	8.3	BR
57	--	--	--	--	--	--	786	--	1140	--	--	2.5	8.6	BR
23	--	--	--	--	--	--	490	--	698	--	--	1.2	7.9	BR
9.2	--	--	--	--	--	--	282	--	438	--	--	.6	8.4	BR
10	--	--	--	--	--	--	295	--	451	--	--	.7	7.9	BR
41	--	--	--	--	--	--	734	--	1030	--	--	1.9	8.2	BR
30	--	--	--	--	--	--	548	--	801	300	110	1.6	7.9	BR
43	--	--	--	--	--	--	743	--	1060	420	190	1.6	7.8	BR
32	--	--	--	--	--	--	546	--	819	310	110	1.5	7.9	BR
44	--	--	--	--	--	--	803	--	1130	420	200	1.9	8.3	BR
16	--	--	--	--	--	--	269	--	429	160	85	1.1	8.6	BR
34	--	--	--	--	--	--	828	--	1120	490	200	1.5	8.3	BR
36	--	--	--	--	--	--	546	--	813	330	130	1.5	8.2	BR
62	--	--	--	--	--	--	1200	--	1460	700	400	2.1	8.3	BR
5.7	--	--	--	--	--	--	149	--	225	100	26	.5	7.7	BR
36	--	--	--	--	--	--	706	--	991	440	190	1.5	8.0	BR
21	--	--	--	--	--	--	461	--	675	290	100	1.2	7.9	BR
11	--	--	--	--	--	--	277	--	425	180	68	.7	8.0	BR
34	--	--	--	--	--	--	648	--	903	280	50	2.0	8.5	BR
32	--	--	--	--	--	--	693	--	962	420	190	1.5	8.4	BR
7.1	--	--	--	--	--	--	271	--	406	190	67	.6	8.2	BR
28	--	--	--	--	--	--	582	--	834	350	140	1.3	8.3	BR
27	--	--	--	--	--	--	599	--	849	350	150	1.3	8.3	BR
38	--	--	--	--	--	--	812	--	1110	460	170	1.7	8.1	BR
16	--	--	--	--	--	--	355	--	538	230	73	1.0	8.2	BR
49	--	--	--	--	--	--	980	--	1320	560	290	1.9	8.2	BR
33	--	--	--	--	--	--	549	--	785	280	110	2.0	8.6	BR
15	.00	--	.00	--	.4	120	--	373	605	230	70	1.1	8.2	
15	--	--	--	--	--	--	--	374	593	220	71	1.2	8.5	
47	1.9	--	--	.09	.8	260	--	1000	1420	600	300	2.0	8.3	
.5	--	.50	--	--	--	--	77	--	111	54	3	.1	7.6	
6.7	--	--	--	--	--	0	137	--	204	94	13	.3	7.7	BR
3.2	--	--	--	--	--	--	99	--	163	77	8	.2	8.2	BR

Table 14.--Chemical analyses of water

STATION NUMBER	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO3) (MG/L)	CARBONATE (CO3) (MG/L)	DISSOLVED SULFATE (SO4) (MG/L)
09301000 — CONT.	64-05-28	--	--	50	--	14	2.0	2.3	--	1.2	46	0	12
	64-06-10	--	--	8.0	--	20	1.3	4.1	--	.8	59	3	8.6
09306800	71-12-02	1035	.0	.20	--	--	--	--	--	--	--	--	--
	72-01-03	1130	.0	.00	--	--	--	--	--	--	--	--	--
	72-02-11	1152	.0	.30	--	--	--	--	--	--	--	--	--
	72-03-16	1407	17.0	1.0	--	--	--	--	--	--	--	--	--
	72-04-12	--	18.5	1.0	.4	330	610	990	--	10	410	0	5000
	72-04-17	1035	16.0	.90	--	--	--	--	--	--	--	--	--
	72-05-22	1435	26.0	.60	--	--	--	--	--	--	--	--	--
	72-06-16	1055	26.0	.10	--	--	--	--	--	--	--	--	--
	72-08-15	1410	--	.00	--	--	--	--	--	--	--	--	--
	72-09-06	1430	24.0	.05	--	--	--	--	--	--	--	--	--
	72-10-11	1355	19.0	.04	--	--	--	--	--	--	--	--	--
	72-11-02	1145	4.0	.30	--	--	--	--	--	--	--	--	--
	72-12-04	1145	5.0	.10	--	--	--	--	--	--	--	--	--
	72-12-05	1140	.5	--	--	--	--	--	--	--	--	--	--
	73-03-09	1200	.0	.10	--	--	--	--	--	--	--	--	--
	73-04-13	1110	13.0	2.8	--	--	--	--	--	--	--	--	--
	73-05-07	1100	12.0	5.1	--	--	--	--	--	--	--	--	--
	73-06-13	1325	23.0	3.4	--	--	--	--	--	--	--	--	--
	73-07-05	0955	18.0	.50	--	--	--	--	--	--	--	--	--
	73-08-08	1040	15.0	3.0	--	--	--	--	--	--	--	--	--
	73-09-07	1100	22.0	.30	--	--	--	--	--	--	--	--	--
	73-10-05	0900	5.0	.90	--	--	--	--	--	--	--	--	--
	73-11-07	0920	3.0	2.8	--	--	--	--	--	--	--	--	--
	73-12-07	0930	.0	.80	--	--	--	--	--	--	--	--	--
	74-01-16	1000	.0	3.0	--	--	--	--	--	--	--	--	--
	74-02-26	1100	.0	5.8	--	--	--	--	--	--	--	--	--
	74-03-15	1030	8.0	5.2	--	--	--	--	--	--	--	--	--
	74-04-17	0920	4.5	5.0	--	--	--	--	--	--	--	--	--
	74-05-10	1030	12.0	2.6	--	--	--	--	--	--	--	--	--
	74-06-19	1000	21.5	.30	--	--	--	--	--	--	--	--	--
09306900	74-02-21	--	.0	330	16	72	27	80	--	2.1	266	0	190
	74-02-21	1500	.0	330 --	--	--	--	--	--	--	--	--	--
	74-03-27	1650	11.0	520	13	79	36	110	--	3.3	278	--	280
	74-04-24	1815	14.0	611	14	76	36	100	--	3.0	267	--	280
	74-05-17	1230	13.5	2230 --	12	40	13	22	--	1.4	147	--	69
	74-05-17	1300	13.5	2230	--	--	--	--	--	--	--	--	--
	74-06-03	1215	18.5	2230	12	34	10	18	--	1.2	132	--	51
09308500	71-10-12	--	9.5	.60	18	56	44	61	--	1.8	350	0	150
	71-10-12	1055	9.5	.60	--	--	--	--	--	--	--	--	--
	71-11-05	1125	2.5	1.2	--	--	--	--	--	--	--	--	--
	71-12-06	1230	.0	1.4	--	--	--	--	--	--	--	--	--
	72-01-10	1330	.0	4.2	--	--	--	--	--	--	--	--	--
	72-02-14	1355	.0	1.6	--	--	--	--	--	--	--	--	--
	72-03-20	1135	8.0	9.9	--	--	--	--	--	--	--	--	--
	72-04-26	1255	8.0	8.9	--	--	--	--	--	--	--	--	--
	72-05-18	1240	4.0	9.6	--	--	--	--	--	--	--	--	--
	72-06-19	1135	19.0	3.5	--	--	--	--	--	--	--	--	--
	72-07-31	1055	22.0	.60	--	--	--	--	--	--	--	--	--
	72-08-17	1115	13.5	.40	--	--	--	--	--	--	--	--	--
	72-09-11	1050	15.0	.50	--	--	--	--	--	--	--	--	--
	72-10-02	1035	8.0	.50	--	--	--	--	--	--	--	--	--
	72-11-10	1105	.0	1.0	--	--	--	--	--	--	--	--	--
	72-12-06	1155	.0	2.8	--	--	--	--	--	--	--	--	--
	73-02-28	1220	3.5	1.6	--	--	--	--	--	--	--	--	--
	73-04-10	1320	4.0	7.6	--	--	--	--	--	--	--	--	--
	73-05-14	1220	7.0	165	--	--	--	--	--	--	--	--	--
	73-06-01	1150	7.0	30	--	--	--	--	--	--	--	--	--
	73-07-11	1130	18.0	25	--	--	--	--	--	--	--	--	--
	73-08-13	1105	15.5	3.6	--	--	--	--	--	--	--	--	--

from sites at gaging stations--Continued

DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.0	--	--	--	--	--	--	67	--	98	43	5	.2	7.5	BR
1.8	--	--	--	--	--	--	92	--	124	55	2	.2	8.4	BR
--	--	--	--	--	--	--	--	--	8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	4500	--	--	--	--	
--	--	--	--	--	--	--	--	--	8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	6030	--	--	--	--	
88	.58	--	--	.00	1.6	2600	--	7240	7520	3300	3000	7.5	8.3	
--	--	--	--	--	--	--	--	--	6050	--	--	--	--	
--	--	--	--	--	--	--	--	--	6050	--	--	--	--	
--	--	--	--	--	--	--	--	--	>8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	>8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	>8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	>8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	>8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	>8000	--	--	--	--	
--	--	--	--	--	--	--	--	--	6050	--	--	--	--	
--	--	--	--	--	--	--	--	--	3800	--	--	--	--	
--	--	--	--	--	--	--	--	--	4800	--	--	--	--	
--	--	--	--	--	--	--	--	--	6050	--	--	--	--	
--	--	--	--	--	--	--	--	--	3540	--	--	--	--	
--	--	--	--	--	--	--	--	--	6550	--	--	--	--	
--	--	--	--	--	--	--	--	--	5580	--	--	--	--	
--	--	--	--	--	--	--	--	--	5030	--	--	--	--	
--	--	--	--	--	--	--	--	--	6500	--	--	--	--	
--	--	--	--	--	--	--	--	--	5000	--	--	--	--	
--	--	--	--	--	--	--	--	--	5000	--	--	--	--	
--	--	--	--	--	--	--	--	--	5500	--	--	--	--	
--	--	--	--	--	--	--	--	--	4500	--	--	--	--	
--	--	--	--	--	--	--	--	--	5500	--	--	--	--	
--	--	--	--	--	--	--	--	--	>8000	--	--	--	--	
39	--	--	--	--	.5	--	566	558	899	290	73	2.0	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	
54	--	--	--	--	--	--	733	712	1060	350	120	2.6	8.2	
42	--	--	--	--	--	--	694	683	1000	340	120	2.4	8.1	
9.1	.22	--	--	.03	.2	70	251	239	400	150	33	.8	7.4	
--	--	--	--	--	--	--	--	--	400	--	--	--	--	
8.1	--	--	--	--	--	--	197	199	340	130	18	.7	7.1	
7.8	.00	--	--	.03	.3	100	--	511	788	320	34	1.5	8.3	
--	--	--	--	--	--	--	--	--	750	--	--	--	--	
--	--	--	--	--	--	--	--	--	740	--	--	--	--	
--	--	--	--	--	--	--	--	--	545	--	--	--	--	
--	--	--	--	--	--	--	--	--	530	--	--	--	--	
--	--	--	--	--	--	--	--	--	980	--	--	--	--	
--	--	--	--	--	--	--	--	--	630	--	--	--	--	
--	--	--	--	--	--	--	--	--	605	--	--	--	--	
--	--	--	--	--	--	--	--	--	550	--	--	--	--	
--	--	--	--	--	--	--	--	--	650	--	--	--	--	
--	--	--	--	--	--	--	--	--	710	--	--	--	--	
--	--	--	--	--	--	--	--	--	750	--	--	--	--	
--	--	--	--	--	--	--	--	--	675	--	--	--	--	
--	--	--	--	--	--	--	--	--	705	--	--	--	--	
--	--	--	--	--	--	--	--	--	855	--	--	--	--	
--	--	--	--	--	--	--	--	--	820	--	--	--	--	
--	--	--	--	--	--	--	--	--	930	--	--	--	--	
--	--	--	--	--	--	--	--	--	780	--	--	--	--	
--	--	--	--	--	--	--	--	--	630	--	--	--	--	
--	--	--	--	--	--	--	--	--	720	--	--	--	--	
--	--	--	--	--	--	--	--	--	700	--	--	--	--	
--	--	--	--	--	--	--	--	--	800	--	--	--	--	

Latitude and longitude: Determined from topographic maps.
Date: Given as year-month-day.
Discharge: E, estimated.

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATITUDE	LONGITUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
1	RANGE CREEK AT (D-17-16)27BBA	39 19 28	110 07 40	72-04-11	--	13.5	3.0	20	52	60	110	--
2	HILL CREEK ABOVE TOWARE RESERVOIR	39 33 59	109 44 29	71-09-02	--	17.0	--	18	72	40	34	--
3	WILLOW CREEK AT DIVERSION DAM	39 46 07	109 36 49	72-09-27	1400	--	2.8	17	59	51	97	--
4	NINE MILE CREEK AT (D-11-18)27ACA	39 49 51	109 52 50	72-03-16	--	15.0	15	--	53	54	110	--
5	WILLOW CREEK ABOVE BLACK BRIDGE	39 53 45	109 39 46	72-09-27	1500	18.5	2.8	--	54	240	1300	--
6	HILL CREEK NR BLACK BRIDGE	39 55 22	109 39 37	71-09-02	--	--	--	12	42	210	1000	--
7	WILLOW CREEK ABOVE HILL CREEK	39 55 24	109 39 25	72-09-28	1100	--	.25	11	63	230	1100	--
8	INDIAN CANYON ABOVE SPRING HOLLOW	39 56 00	110 40 00	74-07-18	--	12.0	.60	48	53	48	90	--
9	WILLOW CREEK AT BLACK BRIDGE	39 56 31	109 38 51	72-09-28	0920	--	.77	10	74	230	1100	--
10	EVACUATION CREEK NR MOUTH	39 57 08	109 09 26	71-09-02	--	--	--	15	160	160	830	--
11	WILLOW CREEK AT SQUAW CROSSING	39 58 05	109 40 12	71-09-02	--	17.0	--	15	62	190	930	--
12	LEFT FORK INDIAN CANYON BELOW JONES HOLLOW	39 58 16	110 37 43	74-07-18	--	27.5	.70	33	51	59	150	--
13	RIGHT FORK INDIAN CANYON 9 MI ABOVE MOUTH	39 59 45	110 39 30	74-07-18	--	18.0	.50	31	44	65	280	--
14	SOWERS CANYON AT WIRE FENCE CANYON	40 00 22	110 26 17	72-04-13	--	2.0	3.0	39	78	72	93	--
15	PARIETTE DRAW NR MOUTH	40 01 52	109 45 04	64-10-15	--	--	6.0	--	104	66	335	--
				64-11-04	--	--	20	--	128	73	425	--
16	BIG WASH AT (D-9-17)12CDA	40 02 27	109 57 23	73-08-22	1602	--	1.0	19	57	5.7	90	--
				73-08-22	1611	--	1.5	18	65	6.7	88	--
17	PARIETTE DRAW AT (D-9-19)9DCA	40 02 30	109 46 55	72-03-16	--	7.0	10	11	210	130	1100	--
18	RIGHT FORK INDIAN CANYON 1.9 MI ABOVE MOUTH	40 02 30	110 33 00	74-07-18	--	26.5	.75	25	45	91	390	--
19	RIGHT FORK INDIAN CANYON 3.7 MI ABOVE MOUTH	40 01 30	110 36 00	74-07-18	--	25.0	.75	25	40	87	380	--
20	KENNEDY WASH NR BONANZA	40 02 34	109 18 45	63-06-03	--	--	E8	20	8.0	6.1	117	--
22	SOWERS CREEK ABOVE TABBY CANYON	40 02 56	110 23 30	74-07-18	--	17.0	1.0	26	210	120	160	--
23	UNNAMED WASH AT (D-9-17)4CDA	40 03 22	110 00 44	73-08-22	1620	26.0	1.0	14	12	2.8	82	--
24	LEFT FORK INDIAN CANYON ABOVE RIGHT FORK	40 03 32	110 31 13	74-07-18	--	27.0	.10	27	44	70	200	--
25	RIGHT FORK INDIAN CANYON AT MOUTH	40 03 33	110 31 16	74-07-18	--	26.0	.25	22	40	91	420	--
26	CASTLE PEAK DRAW AT (D-9-17)4DDB	40 03 52	110 01 12	73-08-22	--	27.0	.50	15	8.7	2.2	190	--
27	INDIAN CREEK 8.4 MI ABOVE MOUTH	40 04 09	110 30 23	61-08-31	--	--	5.0	--	47	36	155	--
28	SOWERS CREEK ABOVE ANTELOPE CREEK	40 04 32	110 15 53	74-07-18	--	--	--	22	250	150	230	--
29	SOWERS CREEK AT U(C-5-3)6DBB	40 04 33	110 15 52	72-04-13	--	4.5	3.0	28	170	170	290	--
30	PARIETTE DRAW ABOVE CASTLE PEAK DRAW	40 05 00	109 52 34	72-11-14	--	8.5	31	--	140	72	460	--
31	PARIETTE DRAW BELOW PLEASANT VALLEY WASH	40 05 02	109 52 35	73-08-22	1530	23.0	75	15	140	78	600	--
32	DUCHESNE RIVER AT MOUTH	40 05 09	109 40 45	41-04-21	--	--	--	6.0	79	48	119	--
				41-05-19	--	--	--	5.0	32	15	25	--
				47-03-20	1155	--	630	--	70	40	--	83
				47-05-13	1710	--	2400	--	43	21	--	32
				48-06-09	0850	--	1200	9.4	50	25	--	60
				48-09-22	--	--	20	8.9	156	126	--	313
				48-09-29	1835	--	40	13	132	99	--	397
				49-04-07	1530	8.5	600	--	79	25	--	130
				49-10-14	1615	14.5	370	--	97	64	--	149
				50-11-07	1420	9.5	450	13	103	68	--	176
				54-08-26	1020	19.5	10	5.3	172	130	650	650
				67-09-13	--	--	190	--	130	76	261	--
				67-11-30	--	--	500	--	97	53	115	--
				68-03-25	--	--	550	--	82	51	118	--
				72-08-29	--	23.5	68	--	120	82	320	--
				73-07-25	1030	18.0	850	14	78	45	99	--
				73-08-22	--	20.0	400	13	110	58	180	--
				73-09-21	1010	17.0	200	11	100	63	180	--
33	TIMBER CANYON AT U(C-4-8)31ACC	40 05 27	110 49 43	72-04-10	--	--	5.0	28	47	34	40	--
34	PARIETTE DRAW BELOW RESERVOIR	40 06 35	109 59 34	74-07-18	--	17.5	8.0	15	110	50	140	--
35	TIMBER CANYON AT MOUTH	40 06 53	110 48 40	73-07-25	0840	10.0	10	29	48	43	45	--
				73-08-23	1040	13.0	3.0	30	45	42	49	--
36	UPPER PLEASANT VALLEY CANAL AT U(C-3-2)24DAA	40 07 00	110 02 50	73-08-22	1610	19.5	75	10	70	32	62	--
37	INDIAN CANYON 4.2 MI ABOVE MOUTH	40 07 00	110 27 00	74-07-18	--	11.0	.20	27	87	150	490	--
39	AVINTIQUIN CREEK AT MOUTH	40 07 17	110 44 34	72-04-10	--	--	10	24	43	31	56	--
				73-05-20	--	9.0	500	23	41	26	33	--
				73-07-25	0900	11.0	25	24	50	39	71	--
				73-08-23	1025	13.0	15	25	43	36	120	--
40	INDIAN CREEK BELOW INDIAN CREEK DIVERSION CANAL	40 07 38	111 09 00	73-09-21	1735	17.5	1.0	7.9	42	25	11	--
41	LARRY ROSS DRAIN NR MYTON	40 07 58	110 06 07	63-09-16	--	--	.15	--	143	313	1150	--
				63-11-13	--	--	.05	--	278	101	600	--
				64-05-06	--	--	.05	--	155	43	195	--
				64-05-11	--	--	.05	--	254	66	329	--
				64-06-01	--	--	--	--	102	32	136	--
				64-06-23	--	--	.20	--	302	152	1140	--
				64-07-07	--	--	.20	--	150	29	143	--
				64-07-28	--	--	.05	--	194	123	1460	--
				64-09-01	--	--	.10	--	210	38	257	--
				64-09-28	--	--	.05	--	396	107	1170	--
				64-10-29	--	--	.08	--	243	164	1580	--
42	ANTELOPE CREEK ABOVE IRRIGATION AT U(C-4-3)16CCC	40 07 58	110 13 55	61-08-31	--	--	.50	--	207	265	482	--
				63-06-20	--	--	--	--	145	294	560	--
44	INDIAN CREEK NR MOUTH NR DUCHESNE	40 08 12	110 25 30	71-09-03	--	10.0	--	27	76	140	490	--
45	HORSE CREEK BELOW INDIAN CREEK DIVERSION CANAL	40 08 15	111 08 55	73-09-21	1720	17.0	.10	8.4	63	20	8.6	--
46	LAKE CANYON AT MOUTH	40 08 23	110 35 54	73-07-25	1100	17.0	.75	17	24	160	350	--
				73-08-23	1000	18.0	1.0	15	23	160	1000	--

from miscellaneous sites on streams

Specific conductance: In micromhos per centimetre at 25°C.
Agency analyzing sample: U.S. Bureau of Reclamation unless noted: GS, U.S. Geological Survey; SL, U.S. Salinity Laboratory; SU, Utah State University.

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
1.8	471	0	190	13	.15	--	.12	.4	110	--	680	1040	380	0	2.5	8.2	GS
2.0	417	0	82	3.8	.04	--	.15	.1	70	--	457	712	340	2	.8	8.1	GS
2.6	396	0	240	9.0	--	--	--	--	--	--	670	1010	360	32	2.2	8.2	GS
--	454	--	--	--	--	--	--	--	--	648	--	--	350	0	2.5	--	GS
8.2	1210	3	2600	130	--	--	--	--	--	--	--	6340	1160	130	17	8.4	GS
6.4	960	0	2300	100	.12	--	.28	.3	5800	--	4150	5250	970	180	14	8.2	GS
6.3	909	82	2500	120	--	--	--	--	--	--	4560	6000	1100	220	14	8.6	GS
4.5	512	0	88	8.2	.76	--	.15	1.1	1100	--	598	929	330	0	2.2	7.9	GS
5.7	965	61	2500	120	--	--	--	--	--	--	4580	5970	1100	240	14	8.4	GS
8.9	406	0	2500	44	.62	--	.15	.3	410	--	3920	4820	1100	730	11	8.0	GS
8.7	831	0	2300	76	.24	--	.15	.4	6500	--	4000	5190	940	260	13	8.3	GS
6.9	462	29	270	13	.48	--	.09	1.5	3900	--	847	1250	370	0	3.4	8.5	GS
6.7	592	67	340	23	.03	--	.93	1.4	4400	--	1160	1670	360	0	6.3	8.8	GS
5.2	439	0	320	12	--	--	--	--	--	--	835	1160	493	130	1.8	8.2	GS
3.5	286	13	858	79	--	--	--	.4	--	1580	--	2090	530	270	5.3	8.3	
3.1	324	0	1100	96	--	--	--	--	--	2080	--	2620	620	360	7.4	8.2	
6.1	214	0	190	9.2	3.2	--	.23	.4	450	--	498	749	170	0	3.0	7.7	GS
6.0	162	0	230	10	3.8	--	.25	.4	530	--	522	781	190	57	2.8	7.6	GS
4.5	345	0	2800	230	7.4	--	.06	1.1	2200	--	4690	5730	1100	780	15	8.0	GS
4.0	661	73	570	38	.24	--	.74	1.0	5700	--	1580	2230	490	0	7.7	8.8	GS
6.5	700	62	540	37	.12	--	.83	1.0	5500	--	1530	2180	460	0	7.7	8.8	GS
2.9	266	0	70	9.5	--	--	--	1.4	230	385	366	537	45	0	7.6	--	GS
16	394	0	950	44	.71	--	.12	1.5	3900	--	1730	2210	1000	700	2.2	7.4	GS
2.9	129	2	68	13	1.0	--	.43	.5	320	--	266	406	42	0	5.5	8.4	GS
7.5	434	25	400	17	.03	--	.12	1.7	4900	--	1010	1460	400	0	4.4	8.7	GS
7.5	690	87	630	41	.11	--	.52	1.0	6500	--	1690	2380	470	0	9.4	8.8	GS
3.6	188	7	220	42	1.7	--	1.1	3.0	1600	--	594	962	31	0	15	8.5	GS
9.4	432	0	226	19	--	--	--	--	2800	733	--	1080	270	0	4.1	7.9	
20	411	0	1300	50	2.9	--	.12	1.7	4400	--	2250	2820	1300	910	2.8	7.5	GS
8.2	549	0	1200	48	--	--	--	--	--	--	2180	2810	1100	670	3.8	8.1	GS
3.2	320	0	1200	84	--	--	--	--	--	--	--	2820	650	380	7.9	7.7	GS
5.9	339	0	1500	120	3.1	--	.09	.9	1300	--	2640	3300	670	390	10	8.1	GS
.0	245	--	326	64	--	.60	--	--	500	838	763	1200	394	173	2.6	8.2	SU
.5	135	0	67	16	--	1.9	--	--	150	257	227	399	142	31	.9	8.0	SU
--	243	0	243	46	--	1.9	--	--	--	--	604	964	339	140	1.9	--	GS
--	156	0	113	16	--	1.6	--	--	--	--	300	494	194	71	1.0	--	GS
--	165	0	174	27	--	1.1	--	--	--	--	429	664	228	90	1.7	--	GS
--	267	0	1230	370	--	1.5	--	--	--	--	2540	3680	907	648	7.4	--	GS
--	277	0	974	254	--	1.2	--	--	--	--	2010	2810	736	510	6.4	--	GS
--	286	0	274	45	--	--	--	--	--	--	694	1060	300	66	3.3	--	GS
--	313	0	449	74	--	--	--	--	--	--	987	1520	505	248	2.9	--	GS
--	336	0	508	81	--	.00	--	--	--	--	1110	1590	536	261	3.3	--	GS
--	250	0	1420	488	--	.20	--	--	--	--	2990	4080	965	760	9.1	7.9	GS
5.9	337	0	735	121	--	--	--	--	--	1720	--	2050	640	360	4.5	8.1	
3.5	336	0	392	51	--	--	--	--	--	975	--	1300	460	190	2.7	8.2	
2.7	254	23	339	51	--	--	--	--	--	853	--	1190	420	170	2.5	8.3	
4.2	312	0	890	140	--	--	--	--	--	--	--	2460	640	380	5.5	8.2	GS
3.2	275	0	310	35	.00	--	.00	.7	520	--	721	1080	380	150	2.2	8.1	GS
4.7	295	0	550	89	.08	--	.06	.8	760	--	1150	1620	510	270	3.5	8.2	GS
4.5	314	0	550	71	.03	--	.06	.7	830	--	1140	1683	510	250	3.5	8.2	GS
1.6	366	6	29	5.1	--	--	--	--	--	--	371	584	260	0	1.1	8.4	GS
2.4	288	0	470	27	.14	--	.03	.4	580	--	960	1390	480	250	2.8	8.2	GS
1.9	374	0	65	6.8	.00	--	.05	.8	290	--	424	674	300	0	1.1	8.0	GS
7.2	376	0	68	6.4	--	--	--	--	--	--	430	673	290	0	1.3	8.3	GS
4.9	249	0	230	19	--	--	--	--	--	--	551	853	310	100	1.5	7.6	GS
9.3	993	0	1000	60	2.7	--	.21	2.4	11000	--	2340	3170	830	20	7.4	7.7	GS
1.8	359	0	60	8.0	.08	--	.09	.4	300	--	397	630	230	0	1.6	8.3	GS
2.4	309	0	39	6.7	--	--	--	--	--	--	319	519	210	0	1.0	7.9	GS
2.1	383	0	100	12	.03	--	.03	.7	450	--	488	766	290	0	1.8	8.2	GS
3.2	449	0	120	15	.29	--	.12	.9	890	--	587	898	260	0	3.3	8.3	GS
.7	204	0	46	4.7	.06	--	.05	.3	20	--	248	410	210	25	.3	8.7	GS
4.7	123	0	3030	636	--	--	--	--	--	5740	--	6830	1600	1500	12	8.2	
2.4	123	0	1690	397	--	--	--	--	--	3220	--	4100	1100	1000	7.8	8.1	
.8	84	0	866	13	--	--	--	--	--	1300	--	1690	560	500	3.6	8.2	
1.2	158	0	1280	117	--	--	--	--	--	2200	--	2710	910	740	4.8	7.8	
.8	174	0	440	56	--	--	--	--	--	888	--	1230	390	240	3.0	8.1	
5.1	130	15	2830	565	--	--	--	--	--	5270	--	6350	1400	1200	13	8.4	
.5	213	0	508	71	--	--	--	--	--	1030	--	1390	490	320	2.8	7.5	
5.5	179	10	3670	130	--	--	--	--	--	5640	--	6740	990	830	20	8.3	
1.6	182	16	946	54	--	--	--	--	--	1690	--	2080	580	510	4.3	8.6	
3.5	200	0	2880	841	--	--	--	--	--	5850	--	6970	1800	1500	12	8.2	
6.6	289	12	3640	632	--	--	--	--	--	6740	--	7840	1300	1000	21	9.3	
11	553	5	1970	116	--	--	--	--	7250	3780	--	4010	1600	1100	5.2	--	
9.0	363	--	2240	112	--	--	--	--	8400	4040	--	4320	1600	1300	6.1	8.4	
7.3	945	0	1000	49	1.7	--	.12	.8	10000	--	2200	3090	770	0	7.7	8.0	GS
1.0	272	0	21	5.3	.08	--	.06	.2	20	--	262	454	240	17	.2	8.2	GS
9.4	1300	154	1200	150	.76	--	2.5	1.0	9800	--	3220	4120	720	0	14	8.9	GS
12	1210	228	1300	160	.61	--	1.9	1.5	9700	--	3510	4270	720	0	16	8.9	GS

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
47	INDIAN CREEK DIVERSION CANAL NR MOUTH	40 08 28	111 08 39	73-09-21	1710	16.0	20	19	61	29	16	--
48	DRAIN BELOW PLEASANT VALLEY CANAL AT STATE ROAD 216	40 08 34	110 05 32	72-04-27	--	22.0	--	--	--	--	--	--
49	ANTELOPE CREEK AT U(C-4-3)10CDD	40 08 37	110 12 34	72-03-13	--	11.0	3.0	26	200	270	450	--
50	GREY MTN CANAL AT GRAVEL PITS NR MYTON	40 08 47	110 10 48	72-05-02	0915	9.0	--	--	--	--	--	--
51	PLEASANT VALLEY WASH BELOW COUNTY ROAD	40 08 52	110 02 50	73-07-25	1400	19.0	9.0	16	130	67	580	--
				73-08-22	1550	22.0	20	14	93	46	400	--
				74-07-18	--	19.0	11	15	110	53	450	--
52	PLEASANT VALLEY WASH AT COUNTY ROAD	40 08 52	110 02 57	72-04-28	1010	11.0	E1	--	--	--	--	--
				72-08-29	1525	20.0	E10	--	110	53	470	--
53	ANTELOPE CREEK AT US HIGHWAY 40 NR MOUTH	40 09 17	110 12 23	41-07-31	--	--	--	34	127	177	256	--
				49-07-02	--	--	--	--	128	173	368	--
				61-08-31	--	--	1.0	--	137	128	381	--
				73-03-07	--	.0	3.0	--	170	210	360	--
				73-07-11	--	--	8.0	--	196	184	421	--
				73-07-23	--	--	5.0	--	134	180	423	--
				73-07-25	0800	10.0	8.0	27	180	190	420	--
				73-08-07	--	--	5.0	--	160	153	393	--
				73-08-20	--	--	8.0	--	152	163	421	--
				73-08-23	1100	15.5	6.0	23	160	150	370	--
				73-09-04	--	--	4.0	--	152	146	382	--
				74-07-18	--	12.0	10	22	240	170	460	--
54	INDIAN CREEK AT MOUTH AT DUCHESNE	40 09 26	110 24 18	41-05-18	--	--	--	35	47	52	109	--
				41-07-31	--	--	--	27	34	130	448	--
				47-05-14	1025	--	--	--	52	53	--	115
				48-06-09	1215	--	--	45	26	91	--	283
				49-07-02	--	--	--	--	35	85	228	--
				49-09-10	--	--	--	--	20	92	400	--
				57-10-21	--	--	2.3	--	34	117	374	--
				58-05-07	--	--	12	34	50	59	--	149
				58-07-28	--	--	1.0	19	56	141	--	515
				60-02-20	1300	.5	1.5	20	46	137	--	418
				60-02-20	1315	.5	1.5	28	60	126	--	380
				60-02-20	1330	.5	1.5	18	52	124	--	344
				60-02-20	1345	.5	1.5	24	52	131	--	372
				60-02-20	1410	.5	1.0	20	48	136	--	437
				61-08-31	--	--	.50	--	22	145	548	--
				73-03-27	--	6.0	--	--	--	--	--	--
				73-05-20	--	10.0	35	35	57	58	140	--
56	STRAWBERRY RIVER AT MOUTH	40 09 39	110 23 16	57-06-26	0800	18.5	--	15	39	46	--	153
				60-08-30	1400	25.0	30	27	22	41	--	96
				61-08-24	1435	21.0	--	19	42	40	--	160
				72-05-02	1900	13.0	--	--	--	--	--	--
				72-08-02	--	10.5	--	--	--	--	--	--
				72-11-15	--	10.0	--	--	--	--	--	--
				73-03-07	--	4.5	50	--	64	38	95	--
				73-03-07	1435	5.0	--	--	--	--	--	--
				73-05-20	--	9.5	160	13	59	38	83	--
				73-06-13	1200	14.0	--	--	--	--	--	--
				73-07-25	1425	18.0	105	14	51	40	100	--
				73-08-23	0910	11.5	200	14	57	35	84	--
				73-09-21	1355	15.0	160	14	59	38	85	--
				73-11-05	--	4.0	35	--	--	--	--	--
				74-02-21	1100	2.0	75	13	58	38	83	--
				74-03-25	--	--	100	--	--	--	--	--
57	DUCHESNE RIVER AT STATE ROAD 86 AT BRIDGELAND	40 09 44	110 13 57	47-03-20	--	--	--	--	58	26	--	40
				47-05-11	--	--	--	--	35	13	--	12
				47-06-22	--	--	--	--	26	12	--	19
				47-09-20	--	--	--	12	68	36	--	65
				48-06-09	--	--	--	8.3	28	12	--	19
				48-09-29	--	--	--	12	89	57	--	146
				49-04-07	--	--	--	--	--	--	--	--
				49-10-14	--	--	--	--	--	--	--	--
				50-06-04	--	--	--	--	--	--	--	11
				50-11-06	--	--	--	13	65	36	--	58
				51-09-07	--	--	--	--	--	--	--	--
				54-08-26	--	--	--	10	84	57	133	--
				73-07-25	1340	--	135	7.6	49	24	41	--
				73-08-23	0900	18.5	170	10	58	20	62	--
58	DUCHESNE RIVER BELOW STRAWBERRY RESERVOIR	40 09 47	110 23 03	73-07-25	1430	19.0	450	6.2	39	16	18	--
				73-08-23	0910	14.0	475	10	51	19	50	--
				73-09-21	1410	15.0	325	11	55	31	53	--
				74-02-21	1050	1.5	220	11	62	31	59	--
				74-03-25	--	--	200	--	--	--	--	--
				74-05-01	1700	12.0	500	10	51	28	60	--
				74-05-22	0905	8.0	1000	--	--	--	--	--
59	DUCHESNE RIVER AT GREY MTN CANAL	40 09 50	110 16 33	72-04-21	1555	12.0	--	--	--	--	--	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
1.0	278	0	56	3.2	.02	--	.12	.4	50	--	323	520	270	44	.4	8.0	GS
--	--	--	--	--	--	--	--	--	--	--	--	2000	--	--	--	--	GS
11	573	0	2000	97	1.6	--	.06	2.4	7800	--	3350	4170	1600	1100	4.9	7.9	GS
--	--	--	--	--	--	--	--	--	--	--	--	510	--	--	--	--	GS
1.9	395	0	1300	140	2.6	--	.09	.5	1100	--	2440	3090	600	280	10	8.3	GS
4.2	393	0	850	82	.81	--	.09	.7	990	--	1690	2280	420	99	5.5	8.1	GS
3.3	421	0	950	110	1.1	--	.18	.6	1100	--	1910	2710	500	150	8.8	8.0	GS
--	--	--	--	--	--	--	--	--	--	--	--	4000	--	--	--	--	GS
2.2	426	0	980	100	--	--	--	--	--	--	--	2800	490	140	4.2	8.3	GS
9.4	378	18	1140	62	--	2.5	--	--	4200	--	2260	2590	1050	705	3.4	8.3	SL
20	275	34	1420	70	--	.80	--	--	5600	--	2350	3150	1030	738	5.0	--	SL
5.9	494	9	1150	65	--	--	--	--	5320	2340	--	2800	870	450	5.6	8.2	
7.9	562	0	1500	66	1.1	--	.06	--	--	--	2610	3080	1300	830	4.4	7.8	GS
7.3	522	0	1580	81	--	--	--	--	--	3100	--	3460	1200	820	5.2	8.1	
7.8	400	0	1530	76	--	--	--	--	--	2880	--	3270	1100	750	[illegible]	8.1	
6.8	568	0	1500	72	1.3	--	.09	2.6	6600	--	2690	3170	1200	770	5.2	7.8	GS
7.4	484	0	1340	66	--	--	--	--	--	2610	--	3050	1000	630	[illegible]	8.0	
6.6	478	0	1460	75	--	--	--	--	--	2810	--	3300	1100	660	5.6	8.1	
7.3	428	0	1400	62	--	--	--	--	--	--	2380	2940	1000	670	5.1	7.9	GS
7.4	494	0	1300	72	--	--	--	--	--	2560	--	3020	940	580	5.3	8.0	
15	470	0	1600	80	1.6	--	.12	1.8	5200	--	2740	3350	1300	920	4.3	7.3	GS
4.7	442	12	160	12	--	4.3	--	--	1800	684	651	1000	332	0	2.6	8.2	SL
9.8	660	61	835	55	--	.60	--	--	8600	1960	1930	2670	618	0	7.8	8.3	SL
--	494	0	166	12	--	3.1	--	--	--	--	644	1010	348	0	2.7	--	GS
--	548	35	484	30	--	.20	--	--	--	--	1260	1770	439	0	5.9	--	GS
15	480	67	449	24	--	.20	--	--	4600	--	1140	1770	437	0	4.7	--	SU
22	574	56	744	45	--	.20	--	--	9400	--	1670	2400	428	0	6.4	--	SU
9.3	712	34	648	40	--	1.4	--	--	--	--	1610	2300	564	0	6.8	8.4	GS
--	526	0	226	14	--	2.6	--	--	2700	806	--	1180	365	0	3.4	8.1	GS
--	815	38	981	62	--	.30	--	--	9100	2250	--	2960	720	0	8.3	8.5	GS
--	862	26	743	44	--	2.2	--	--	7600	--	--	2580	678	0	7.0	8.4	GS
--	824	51	653	36	--	2.1	--	--	6200	--	--	2400	668	0	6.4	8.6	GS
--	804	20	621	33	--	1.4	--	--	6600	--	--	2250	638	0	5.9	8.4	GS
--	844	35	651	36	--	1.3	--	--	6800	--	--	2380	670	0	6.3	8.5	GS
--	814	43	789	46	--	2.6	--	--	7600	--	--	2630	678	0	7.3	8.3	GS
11	783	58	979	69	--	--	--	--	10000	2260	--	3084	650	0	9.3	8.4	
--	--	--	--	--	--	--	--	--	--	--	--	1600	--	--	--	--	GS
7.1	506	0	210	16	--	--	--	--	--	--	773	1170	380	0	3.1	8.1	GS
--	484	0	161	38	--	1.5	--	--	--	--	--	993	286	0	3.9	8.2	GS
--	450	30	164	42	--	.90	--	--	--	--	--	1120	224	0	5.7	8.6	GS
--	506	0	143	38	--	1.2	--	--	--	--	--	1080	270	0	4.2	8.1	GS
--	--	--	--	--	--	--	--	--	--	--	--	800	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	840	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	635	--	--	--	--	GS
2.6	318	7	220	28	.08	--	.13	--	--	--	625	940	320	44	2.3	8.4	GS
--	--	--	--	--	--	--	--	--	--	--	--	960	--	--	--	--	GS
2.8	324	0	160	25	--	--	--	--	--	--	541	847	300	38	2.1	8.1	GS
--	--	--	--	--	--	--	--	--	--	--	--	1360	--	--	--	--	GS
3.0	321	0	200	24	.04	--	.06	.6	950	--	592	919	290	29	2.5	8.3	GS
2.8	265	6	180	23	.26	--	.03	.5	590	--	535	869	240	59	2.2	8.4	GS
2.8	290	11	180	23	.18	--	.12	.5	620	--	558	880	300	48	2.1	8.4	GS
--	--	--	--	--	--	--	--	--	--	--	--	500	--	--	--	--	GS
2.9	328	5	180	25	.06	--	.06	.5	580	--	564	876	300	30	2.1	8.4	GS
--	--	--	--	--	--	--	--	--	--	--	--	790	--	--	--	--	GS
--	249	0	105	16	--	2.4	--	--	--	--	370	618	252	48	1.1	--	GS
--	140	0	44	4.0	--	1.3	--	--	--	--	173	307	141	26	--	--	GS
--	121	0	45	6.0	--	.50	--	--	--	--	16	289	114	16	--	--	GS
--	298	0	181	20	--	.60	--	--	--	--	528	803	318	75	1.6	--	GS
--	132	0	44	4.0	--	.60	--	--	--	--	181	291	120	12	--	--	GS
--	294	9	440	39	--	.10	--	--	--	--	940	1340	456	195	3.0	--	GS
--	293	0	--	33	--	--	--	--	--	--	--	752	--	--	--	--	GS
--	287	0	--	15	--	--	--	--	--	--	--	744	--	--	--	--	GS
--	165	0	30	3.0	--	--	--	--	--	--	--	335	147	11	--	--	GS
--	308	0	151	18	--	.40	--	--	--	--	493	756	310	58	1.4	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	689	--	--	--	--	GS
--	337	0	389	35	--	.00	--	--	--	--	874	1320	444	168	2.7	8.1	GS
1.7	186	11	120	11	.00	--	.07	.3	310	--	358	574	220	50	1.2	8.6	GS
2.5	238	0	140	16	.03	--	.03	.4	350	--	427	711	230	32	1.8	8.2	GS
1.3	172	0	58	5.9	.01	--	.00	.3	160	--	230	385	160	22	.6	8.0	GS
2.2	215	0	130	14	.13	--	.03	.3	330	--	383	646	210	39	1.5	8.3	GS
2.3	247	0	130	16	.08	--	.05	.4	330	--	421	680	270	62	1.4	8.3	GS
2.2	285	0	130	19	.12	--	.05	.4	350	--	456	726	280	49	1.5	8.3	GS
--	--	--	--	--	--	--	--	--	--	--	--	650	--	--	--	--	GS
2.1	251	8	120	18	.00	--	.09	.3	310	--	422	679	240	23	1.7	8.4	GS
--	--	--	--	--	--	--	--	--	190	265	--	424	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	605	--	--	--	--	GS

Table 15.--Chemical analyses of water from

SITE NUMBER OR PLATE NO. (A OR B)	SITE	LATITUDE	LONGITUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
59	DUCHESNE RIVER AT GREY MTN CANAL--CONT.	40 09 50	110 16 33	72-05-02	0850	7.0	--	--	--	--	--	--
				72-08-02	--	16.5	--	--	--	--	--	--
60	OUTFLOW FROM EVAPORATION PONDS, RED WASH OIL FIELD	40 09 53	109 18 50	60-05-04	--	--	--	.0	48	319	4540	--
61	GREY MTN CANAL AT DIVERSION FROM DUCHESNE RIVER	40 10 00	110 17 07	73-08-22	1345	18.0	160	11	52	27	51	--
62	DUCHESNE RIVER ABOVE GREY MTN CANAL NR BRIDGELAND	40 10 02	110 17 12	41-04-19	--	--	--	9.0	56	29	49	--
				44-07-02	--	--	--	--	38	16	42	--
				57-05-07	--	--	250	--	43	30	63	--
63	DRAIN BELOW SMALL POND 2 MI SOUTH OF MYTON	40 10 06	110 02 56	73-06-07	--	--	2.0	--	220	66	271	--
				73-07-11	--	--	2.0	--	214	62	267	--
				73-07-25	--	--	2.0	--	218	71	248	--
				73-08-07	--	--	4.0	--	214	67	239	--
				73-08-20	--	--	2.5	--	230	72	248	--
				73-09-04	--	--	4.0	--	166	60	170	--
				73-09-19	--	--	4.0	--	220	73	253	--
64	DRAIN RETURN TO GREY MTN CANAL NR MYTON	40 10 14	110 07 22	72-05-03	1550	18.5	5.1	--	--	--	--	--
65	DRAIN AT US HIGHWAY 40 4.5 MI WEST OF MYTON	40 10 16	110 08 15	73-07-11	--	--	--	--	150	120	172	--
				73-08-07	--	--	1.0	--	92	53	129	--
				73-08-20	--	--	2.0	--	71	39	83	--
				73-09-04	--	--	1.5	--	74	44	95	--
66	DUCHESNE RIVER ABOVE DUCHESNE FEEDER CANAL	40 10 16	110 18 11	62-04-04	--	--	350	--	39	20	50	--
				62-04-17	--	--	450	--	46	21	39	--
				62-05-16	--	--	2500	--	41	17	23	--
				62-06-18	--	--	1600	--	31	12	14	--
				62-07-11	--	--	500	--	38	19	26	--
				62-08-01	--	--	400	--	55	27	46	--
				62-08-16	--	--	200	--	55	28	50	--
				62-09-05	--	--	150	--	30	31	54	--
				62-10-17	--	--	900	--	63	30	47	--
				62-12-03	--	--	120	--	53	30	49	--
				63-02-06	--	--	200	--	60	27	47	--
				63-04-10	--	--	100	--	39	26	48	--
				63-04-23	--	--	120	--	41	33	65	--
				63-05-22	--	--	1500	--	31	11	14	--
				63-06-25	--	--	2500	--	34	11	17	--
				63-07-17	--	--	450	--	50	23	36	--
				63-08-12	--	--	400	--	63	23	46	--
				63-09-18	--	--	500	--	41	27	43	--
				63-10-10	--	--	350	--	44	31	54	--
				63-11-05	--	--	120	--	43	35	57	--
				64-02-17	--	--	100	--	62	26	39	--
				64-04-02	--	--	500	--	53	23	45	--
				64-04-30	--	--	350	--	48	20	32	--
				64-06-01	--	--	2000	--	40	13	17	--
				64-07-01	--	--	2000	--	32	7.8	12	--
				64-08-03	--	--	600	--	61	25	48	--
				64-09-01	--	--	300	--	34	28	50	--
				64-09-30	--	--	150	--	52	30	55	--
				64-11-18	--	--	200	--	47	32	51	--
				65-02-01	--	--	200	--	51	26	83	--
				65-04-07	--	--	120	--	39	29	55	--
				65-05-17	--	--	800	--	46	25	32	--
				65-06-14	--	--	4000	--	26	10	12	--
				65-07-09	--	--	2200	--	33	9.7	13	--
				65-08-03	--	--	1800	--	43	20	33	--
				65-08-31	--	--	700	--	--	--	37	--
				65-09-28	--	--	400	--	46	24	35	--
				65-11-01	--	--	600	--	--	--	46	--
				66-01-04	--	--	220	--	--	--	42	--
				66-03-14	--	--	250	--	--	--	53	--
				66-04-04	--	--	600	--	--	--	35	--
				66-05-06	--	--	250	--	--	--	17	--
				66-06-03	--	--	800	--	34	17	21	--
				66-06-28	--	--	800	--	46	22	37	--
				66-07-23	--	--	300	--	58	26	47	--
				66-08-30	--	--	250	--	52	28	55	--
				66-10-28	--	--	300	--	48	29	51	--
				67-02-06	--	--	1200	--	60	28	49	--
				67-02-29	--	--	450	--	68	22	48	--
				67-05-15	--	--	800	--	59	28	41	--
				67-06-16	--	--	2500	--	36	16	18	--
				67-07-14	--	--	2500	--	38	18	20	--
				67-08-10	--	--	800	--	52	24	33	--
				67-09-14	--	--	600	--	38	30	47	--
				67-11-09	--	--	250	--	56	30	47	--
				68-02-08	--	--	200	--	65	31	46	--
				68-03-28	--	--	800	--	60	32	52	--

miscellaneous sites on streams--Continued

DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	--	--	--	530	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	580	--	--	--	--	GS
12	3550	196	813	4780	--	4.3	--	--	20000	12600	12500	17800	1430	0	53	9.5	GS
2.5	254	0	130	14	--	--	--	--	--	--	413	653	240	33	1.4	8.0	GS
.0	248	12	114	14	--	.60	--	--	260	426	406	661	258	34	1.3	8.2	SL
3.9	132	12	120	12	--	.20	--	--	310	--	309	510	161	33	1.4	--	SU
2.0	225	9	141	17	--	--	--	--	420	414	--	668	230	30	1.8	8.5	
3.5	218	0	1070	73	--	--	--	--	--	1970	--	2410	820	640	4.1	7.6	
3.5	265	0	913	54	--	--	--	--	--	1720	--	2100	790	570	3.2	8.0	
3.9	230	0	1050	61	--	--	--	--	--	1930	--	2310	840	650	3.7	8.1	
3.9	269	0	989	56	--	--	--	--	--	1820	--	2230	810	590	3.6	7.7	
3.1	242	0	1110	64	--	--	--	--	--	2030	--	2410	870	670	3.7	8.0	
5.1	320	0	701	51	--	--	--	--	--	1480	--	1820	660	400	2.9	7.9	
3.9	300	0	1010	55	--	--	--	--	--	1930	--	2300	850	600	3.8	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	3400	--	--	--	--	GS
7.0	442	0	865	15	--	--	--	--	--	1750	--	2030	870	510	2.5	8.2	
2.4	234	0	494	19	--	--	--	--	--	992	--	1310	450	260	2.6	8.1	
2.4	257	0	281	20	--	--	--	--	--	668	--	962	340	130	2.0	8.0	
2.4	242	0	350	22	--	--	--	--	--	786	--	1070	370	170	2.2	8.1	
4.7	190	7	87	26	--	--	--	--	250	350	--	559	180	12	1.6	8.6	
2.4	185	12	96	11	--	--	--	--	300	329	--	504	200	30	1.2	8.9	
2.0	190	0	53	9.2	--	--	--	--	50	247	--	423	170	16	.8	8.6	
1.2	128	0	44	4.6	--	--	--	--	--	164	--	296	130	22	.5	8.5	
1.2	175	5	64	8.5	--	--	--	--	70	288	--	425	170	22	.9	8.3	
2.0	236	7	121	13	--	--	--	--	--	411	--	607	250	43	1.3	8.3	
2.8	252	3	129	16	--	--	--	--	--	419	--	657	250	41	1.4	--	
2.0	195	4	129	16	--	--	--	--	--	385	--	586	200	36	1.7	8.3	
2.0	299	5	113	15	--	--	--	--	160	445	--	681	280	28	1.2	--	
2.0	284	0	98	20	--	--	--	--	350	413	--	667	260	23	1.3	7.9	
2.8	276	0	111	18	--	--	--	--	--	411	--	658	260	35	1.3	8.0	
1.6	180	11	106	26	--	--	--	--	--	355	--	568	200	38	1.5	8.3	
1.6	214	11	151	22	--	--	--	--	--	439	--	694	240	44	1.8	8.4	
.8	128	4	34	5.0	--	--	--	--	0	193	--	301	120	11	.6	8.6	
1.2	132	0	49	6.0	--	--	--	--	--	191	--	311	130	22	.6	8.3	
1.6	221	0	100	9.9	--	--	--	--	--	332	--	544	220	38	1.0	7.9	
2.8	252	13	98	18	--	--	--	--	--	379	--	635	250	24	1.3	8.4	
2.0	193	8	110	18	--	--	--	--	--	333	--	573	210	43	1.3	8.3	
2.0	220	9	134	1.6	--	--	--	--	--	383	--	668	240	41	1.6	8.3	
2.0	209	11	157	16	--	--	--	--	--	415	--	683	250	62	1.6	8.3	
2.0	271	0	99	15	--	--	--	--	--	377	--	632	260	40	1.1	8.2	
2.4	215	14	94	21	--	--	--	--	--	370	--	587	230	27	1.3	8.6	
2.4	230	0	71	9.9	--	--	--	--	--	309	--	496	200	14	1.0	7.6	
1.2	164	0	49	5.0	--	--	--	--	--	206	--	353	150	19	.6	7.9	
.8	116	0	35	6.0	--	--	--	--	--	143	--	257	110	17	.5	7.6	
3.1	270	0	111	17	--	--	--	--	--	399	--	641	260	34	1.3	7.7	
2.0	178	18	107	18	--	--	--	--	--	354	--	557	200	24	1.5	8.7	
2.4	278	0	114	21	--	--	--	--	--	409	--	671	250	25	1.5	8.2	
2.0	243	17	107	18	--	--	--	--	--	394	--	652	250	21	1.4	8.3	
4.3	200	14	172	40	--	--	--	--	--	500	--	787	230	47	2.4	8.8	
1.6	207	7	118	24	--	--	--	--	--	384	--	620	220	36	1.6	8.4	
1.6	232	0	85	8.5	--	--	--	--	--	319	--	514	220	27	.9	7.6	
1.2	113	0	36	3.2	--	--	--	--	--	155	--	254	110	13	.5	8.2	
.4	139	0	31	3.6	--	--	--	--	--	166	--	290	120	8	.5	7.8	
1.6	190	10	73	9.9	--	--	--	--	--	301	--	463	190	17	1.1	8.4	
1.6	225	9	82	11	--	--	--	--	--	340	--	536	--	--	1.1	8.4	
1.6	231	0	81	12	--	--	--	--	--	316	--	504	210	24	1.0	7.9	
2.0	183	18	88	15	--	--	--	--	--	316	--	519	--	--	1.4	8.4	
2.8	228	0	102	15	--	--	--	--	--	366	--	582	--	--	1.2	7.8	
3.9	160	0	151	33	--	--	--	--	--	375	--	636	--	--	1.6	7.8	
2.4	254	0	71	13	--	--	--	--	--	330	--	550	--	--	1.0	8.1	
1.6	165	1	41	5.3	--	--	--	--	--	233	--	337	--	--	.6	8.3	
1.2	164	0	56	6.4	--	--	--	--	--	226	--	362	160	20	.7	7.5	
1.2	234	0	79	12	--	--	--	--	--	321	--	526	210	13	1.1	7.9	
2.4	271	0	107	16	--	--	--	--	--	406	--	637	250	30	1.3	7.8	
2.4	271	0	111	20	--	--	--	--	--	427	--	673	250	23	1.5	8.1	
1.6	244	3	119	16	--	--	--	--	--	408	--	638	240	34	1.4	8.3	
2.0	286	0	109	18	--	--	--	--	--	421	--	675	270	30	1.3	8.2	
1.6	276	0	119	20	--	--	--	--	--	434	--	710	260	34	1.4	8.1	
1.6	280	1	101	12	--	--	--	--	--	376	--	597	260	30	1.1	8.3	
1.2	164	0	49	7.1	--	--	--	--	--	216	--	340	160	21	.6	8.0	
1.2	152	8	63	7.1	--	--	--	--	--	219	--	365	170	30	.7	8.4	
2.4	235	0	86	14	--	--	--	--	--	341	--	528	230	36	1.0	7.3	
2.4	222	7	110	13	--	--	--	--	--	350	--	560	220	25	1.4	8.4	
1.6	281	0	111	15	--	--	--	--	--	411	--	636	260	33	1.3	8.2	
1.2	285	8	120	15	--	--	--	--	--	437	--	663	290	43	1.2	8.3	
1.6	265	13	123	21	--	--	--	--	--	442	--	672	280	42	1.4	8.4	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
66	DUCHESNE RIVER ABOVE DUCHESNE FEEDER CANAL--CONT.	40 10 16	110 18 11	68-05-15	--	--	1000	--	52	27	36	--
				68-06-20	--	--	3500	--	27	8.7	8.7	--
				68-10-03	--	--	800	--	59	26	40	--
				69-02-19	--	--	200	--	64	30	46	--
				69-04-08	--	--	450	--	57	25	44	--
				69-08-07	--	--	80	--	54	31	47	--
				69-10-14	--	--	450	--	62	34	58	--
				69-11-05	--	--	80	--	61	27	30	--
				70-03-04	--	--	15	--	85	37	200	--
				70-04-09	--	--	100	--	59	29	35	--
				70-05-08	--	--	300	--	53	25	44	--
				70-09-03	--	--	300	--	55	33	53	--
				70-11-16	--	--	--	--	65	27	27	--
				71-04-29	--	--	300	--	57	26	39	--
				71-07-14	--	--	100	--	42	18	23	--
				71-08-23	--	--	--	--	64	29	47	--
				71-10-07	--	--	--	--	70	33	51	--
				71-11-17	--	--	--	--	63	28	39	--
				72-04-06	--	--	--	--	56	24	25	--
				72-05-12	--	--	600	--	48	20	30	--
				72-06-28	--	--	--	--	35	13	18	--
				72-07-25	--	--	--	--	52	21	31	--
				72-09-19	--	--	--	--	63	34	51	--
				72-10-13	--	--	--	--	61	28	40	--
				73-05-24	--	--	--	--	32	13	25	--
				73-07-11	--	--	800	--	46	22	36	--
				73-07-23	--	--	700	--	47	21	33	--
				73-09-06	--	--	--	--	49	26	46	--
67	MYTON TOWNSITE CANAL BELOW GREY MTN CANAL	40 10 19	110 02 50	73-06-07	--	--	90	--	45	23	51	--
				73-07-11	--	--	87	--	80	54	116	--
				73-07-25	--	--	30	--	58	33	61	--
				73-08-07	--	--	42	--	65	57	133	--
				73-08-20	--	--	75	--	64	38	83	--
				73-08-22	--	24.0	45	13	90	53	110	--
				73-09-04	--	--	--	--	75	49	107	--
				73-09-19	--	--	36	--	63	47	105	--
68	STRAWBERRY RIVER BELOW STARVATION RESERVOIR	40 10 25	110 25 44	69-11-03	--	--	--	--	50	36	81	--
				70-03-04	--	--	1.0	--	83	83	209	--
				70-04-07	--	--	3.0	--	69	49	137	--
				70-09-04	--	--	50	--	63	32	58	--
				71-07-14	--	--	50	--	58	31	64	--
				71-08-23	--	--	--	--	70	33	73	--
				71-10-06	--	--	--	--	79	36	74	--
				71-11-17	--	--	--	--	59	34	69	--
				72-04-06	--	--	--	--	70	44	109	--
				72-05-12	--	--	100	--	59	33	74	--
				72-06-28	--	--	--	--	43	29	63	--
				72-07-26	--	--	--	--	54	34	77	--
				72-09-19	--	--	--	--	43	36	79	--
				72-10-13	--	--	--	--	69	37	80	--
				73-05-25	--	--	--	--	44	33	77	--
				73-07-25	1410	17.0	75	12	50	33	67	--
				73-08-09	--	--	--	--	57	33	76	--
				73-08-23	0945	10.5	190	13	55	33	68	--
				73-09-04	--	--	--	--	50	33	73	--
				73-09-21	1435	13.0	145	14	58	34	70	--
				74-02-21	1015	2.0	70	13	61	34	81	--
				74-03-25	--	--	95	--	--	--	--	--
				74-05-01	1730	8.0	350	12	51	34	71	--
				74-05-22	0940	10.0	350	--	--	--	--	--
69	DRAIN RETURN TO GREY MTN CANAL NR MYTON	40 10 28	110 03 58	72-05-03	1705	15.5	E1	--	--	--	--	--
70	GREY MTN CANAL AT MOUTH	40 10 29	110 03 28	73-08-22	1430	20.0	8.0	15	100	46	120	--
71	GREY MTN CANAL AT COUNTY ROAD	40 10 32	110 03 58	72-05-03	1700	22.5	E.5	--	--	--	--	--
				72-05-04	1030	11.0	E5	--	--	--	--	--
				72-10-06	1015	11.5	--	--	--	--	--	--
				73-04-12	1600	12.0	E.5	--	--	--	--	--
72	BRYANTS FORK AT BRYANTS FORK GUARD STATION	40 10 32	111 11 18	73-09-21	1700	14.5	2.0	6.3	52	29	3.2	--
73	DUCHESNE FEEDER CANAL AT DIVERSION NR BRIDGELAND	40 10 33	110 17 55	73-08-23	--	14.0	90	11	52	19	51	--
74	DRAIN RETURN TO GREY MTN CANAL NR MYTON	40 10 41	110 04 06	72-05-04	1005	13.0	--	--	--	--	--	--
75	MYTON TOWNSITE CANAL NR SAND PASS	40 10 42	109 58 05	73-09-05	--	--	--	--	91	55	145	--
76	LAKE BOREHAM OUTFLOW NR MYTON	40 10 43	110 09 55	73-07-25	1350	18.0	35	8.1	62	26	94	--
				73-08-23	0805	20.5	45	9.7	78	30	110	--
				74-07-13	1120	17.0	53	9.2	59	26	74	--
77	DRAIN INTO GREY MTN CANAL AT STATE ROAD 53 NR MYTON	40 10 45	110 05 56	73-07-11	--	--	2.0	--	114	45	130	--
				73-07-25	--	--	.05	--	188	72	244	--
				73-08-07	--	--	1.0	--	142	58	179	--
				73-08-20	--	--	4.0	--	146	61	186	--
				73-09-04	--	--	1.0	--	123	55	162	--
78	ROCKY POINT CANAL AT STATE ROAD 87 AT DUCHESNE	40 10 46	110 23 56	72-04-02	1720	9.5	--	--	--	--	--	--
				72-05-31	--	10.0	--	--	--	--	--	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
1.2	247	0	87	11	--	--	--	--	--	322	--	512	240	38	.9	8.2	
62	108	0	30	2.5	--	--	--	--	--	144	--	226	100	15	.4	7.9	
2.0	253	6	103	13	--	--	--	--	--	375	--	583	250	36	1.1	8.3	
1.6	242	20	123	17	--	--	--	--	--	419	--	644	280	51	1.2	8.4	
1.6	265	0	97	17	--	--	--	--	--	378	--	576	250	28	1.2	8.1	
2.4	272	2	116	13	--	--	--	--	--	401	--	633	260	36	1.3	8.3	
2.4	326	0	121	21	--	--	--	--	--	481	--	739	300	27	1.5	8.0	
1.6	245	0	111	9.6	--	--	--	--	--	378	--	576	260	62	.8	8.2	
3.5	371	0	617	44	--	--	--	--	--	1280	--	1660	570	270	3.7	8.1	
2.4	215	5	138	12	--	--	--	--	--	400	--	587	270	82	.9	8.3	
2.4	243	0	110	16	--	--	--	--	80	374	--	587	240	36	1.2	8.2	
2.4	242	0	161	17	--	--	--	--	--	451	--	664	270	75	1.4	8.2	
1.6	222	6	122	12	--	--	--	--	--	391	--	586	270	81	.7	8.3	
1.6	205	6	122	14	--	--	--	--	--	380	--	594	250	72	1.1	8.4	
1.2	170	0	76	9.2	--	--	--	--	--	262	--	430	180	40	.6	8.2	
2.0	234	8	143	12	--	--	--	--	--	441	--	674	280	73	1.2	8.3	
2.0	256	7	163	18	--	--	--	--	--	491	--	734	310	90	1.3	8.3	
2.4	217	13	125	16	--	--	--	--	--	406	--	624	270	73	1.0	8.3	
1.6	195	7	100	11	--	--	--	--	0	345	--	522	240	67	.7	8.3	
2.4	190	0	88	11	--	--	--	--	--	313	--	479	200	46	.9	8.0	
1.2	144	0	54	6.0	--	--	--	--	--	203	--	345	140	23	.7	7.9	
1.6	221	0	93	12	--	--	--	--	--	326	--	533	220	35	.9	8.2	
2.7	270	0	183	20	--	--	--	--	--	504	--	780	300	76	1.5	8.2	
2.0	253	0	128	14	--	--	--	--	--	414	--	603	270	60	1.1	8.1	
1.6	143	0	56	8.5	--	--	--	--	--	220	--	366	130	16	.9	7.7	
2.0	206	0	96	11	--	--	--	--	--	340	--	540	210	36	1.1	7.9	
2.0	201	0	92	11	--	--	--	--	--	328	--	519	200	39	1.0	8.0	
2.4	217	4	136	15	--	--	--	--	--	420	--	628	230	44	1.3	8.3	
1.6	190	0	142	15	--	--	--	--	--	384	--	616	210	51	1.6	8.1	
3.1	232	10	413	27	--	--	--	--	--	884	--	1220	420	220	2.4	8.3	
2.4	185	18	202	18	--	--	--	--	--	518	--	772	280	96	1.6	8.5	
3.1	190	16	451	29	--	--	--	--	--	930	--	1270	400	210	2.9	8.3	
24	255	0	259	23	--	--	--	--	--	639	--	928	320	110	2.0	8.2	
4.9	299	0	420	25	.25	--	.06	.7	1000	--	866	1220	440	200	2.3	8.1	GS
3.1	276	0	359	28	--	--	--	--	--	828	--	1140	390	160	2.4	8.0	
3.1	251	0	323	27	--	--	--	--	--	728	--	1040	350	150	2.4	8.2	
1.6	337	6	120	26	--	--	--	--	--	488	--	769	270	0	2.2	8.3	
2.7	434	0	540	61	--	--	--	--	--	1250	--	1660	550	190	3.9	8.2	
2.7	376	0	297	40	--	--	--	--	470	789	--	1160	370	66	3.1	8.2	
2.4	270	9	193	21	--	--	--	--	--	507	--	747	290	52	1.8	8.4	
1.6	261	0	166	21	--	--	--	--	--	483	--	737	270	58	1.7	8.1	
4.7	253	18	195	25	--	--	--	--	--	560	--	854	310	73	1.8	8.3	
2.4	298	0	215	23	--	--	--	--	--	604	--	892	350	100	1.8	8.2	
3.1	265	0	179	26	--	--	--	--	--	512	--	780	290	70	1.8	8.2	
2.7	308	0	278	35	--	--	--	--	400	710	--	1040	360	100	2.5	8.2	
2.4	273	0	180	26	--	--	--	--	--	522	--	791	280	59	1.9	8.1	
2.4	231	0	144	21	--	--	--	--	--	420	--	681	230	37	1.8	8.2	
2.0	265	0	186	28	--	--	--	--	--	533	--	803	280	55	2.0	8.2	
2.7	193	13	206	24	--	--	--	--	--	516	--	767	260	76	2.2	8.4	
2.7	301	0	210	28	--	--	--	--	--	593	--	912	330	78	1.9	8.1	
2.4	267	0	163	27	--	--	--	--	--	482	--	771	250	27	2.7	8.2	
2.2	272	8	150	22	.03	--	.03	.5	360	--	479	755	260	24	1.8	8.4	GS
2.7	302	0	165	26	--	--	--	--	--	503	--	808	280	30	2.0	8.1	
2.3	256	0	160	22	.22	--	.06	.5	320	--	478	788	270	68	1.8	8.3	GS
2.7	257	9	154	21	--	--	--	--	--	488	--	757	260	35	2.0	8.4	
2.5	301	0	160	22	.20	--	.12	.5	340	--	511	810	280	38	1.8	8.3	GS
2.7	314	3	160	24	.08	--	.09	.3	400	--	535	836	290	30	2.1	8.4	GS
--	--	--	--	--	--	--	--	--	--	--	--	755	--	--	--	--	GS
2.6	289	6	140	22	.01	--	.06	.4	380	--	482	771	270	20	1.9	8.4	GS
--	--	--	--	--	--	--	--	--	380	460	--	760	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	3400	--	--	--	--	GS
5.2	314	0	400	30	--	--	--	--	--	--	873	1290	440	180	2.5	7.9	GS
--	--	--	--	--	--	--	--	--	--	--	--	2200	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	950	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	820	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	2600	--	--	--	--	GS
1.4	264	0	8.3	2.5	.12	--	.03	.2	20	--	236	430	250	29	.1	8.2	GS
2.4	216	0	130	15	--	--	--	--	--	--	387	662	210	31	1.5	8.3	GS
--	--	--	--	--	--	--	--	--	--	--	--	3100	--	--	--	--	GS
3.9	259	0	509	34	--	--	--	--	--	1050	--	1400	450	240	3.0	8.2	
2.2	218	0	260	18	.00	--	.05	.4	360	--	579	882	260	83	2.5	8.1	GS
3.2	203	0	350	30	.13	--	.03	.5	430	--	712	1040	320	150	2.7	8.0	GS
2.2	234	0	190	17	.04	--	.00	.3	350	--	494	782	260	63	2.0	8.1	GS
2.7	304	0	451	35	--	--	--	--	--	1000	--	1340	470	220	2.5	8.1	
1.6	340	0	869	61	--	--	--	--	--	1820	--	2230	770	490	3.8	8.0	
3.1	368	0	605	51	--	--	--	--	--	1310	--	1710	590	300	3.2	8.0	
2.4	348	17	648	56	--	--	--	--	--	1410	--	1800	620	300	3.3	8.3	
4.7	317	0	542	56	--	--	--	--	--	1200	--	1610	530	270	3.1	7.9	
--	--	--	--	--	--	--	--	--	--	--	--	345	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	135	--	--	--	--	GS

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONG-I-TUDE	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)
78	ROCKY POINT CANAL AT STATE ROAD 87 AT DUCHESNE--CONT.	40 10 46	110 23 56	72-08-01	--	15.5	--	--	--	--	--	--
				72-10-06	1120	11.0	--	--	--	--	--	--
				73-06-13	1240	13.0	--	--	--	--	--	--
79	MYTON TOWNSITE CANAL AT U(D-3-1)31BAB	40 10 48	109 56 00	73-06-07	--	--	--	--	53	24	60	--
80	DRAIN CROSSING GREY MTN CANAL IN CORRUGATED CULVERT	40 10 53	110 05 40	72-05-03	1630	20.5	E1	--	--	--	--	--
81	GREY MTN CANAL AT STATE ROAD 53 NR MYTON	40 10 53	110 05 42	72-05-03	1625	21.5	E5	--	--	--	--	--
82	PELICAN LAKE OUTFLOW TO LAKE CANAL	40 10 54	109 40 46	63-05-16	--	--	4.0	--	16	40	104	--
				63-05-29	--	--	--	--	17	38	109	--
				63-06-19	--	--	--	--	20	30	116	--
				63-07-03	--	--	--	--	23	31	126	--
				63-07-31	--	--	--	--	21	20	151	--
				63-08-27	--	--	--	--	36	31	165	--
				64-04-02	--	--	--	--	54	40	100	--
				64-04-29	--	--	--	--	44	54	130	--
				64-05-18	--	--	--	--	41	61	140	--
				64-06-01	--	--	--	--	45	62	152	--
				64-06-23	--	--	--	--	30	42	97	--
				64-07-07	--	--	--	--	26	42	92	--
				64-07-24	--	--	--	--	48	42	123	--
				64-08-25	--	--	--	--	23	41	134	--
				64-10-02	--	--	--	--	45	40	157	--
				64-10-30	--	--	--	--	39	47	170	--
				65-02-03	--	--	--	--	39	55	177	--
				65-04-29	--	--	--	--	34	42	118	--
				65-05-27	--	--	--	--	31	47	130	--
				65-06-24	--	--	--	--	24	52	132	--
				65-07-29	--	--	--	--	18	40	131	--
				65-08-27	--	--	--	--	--	--	146	--
				65-10-01	--	--	--	--	--	--	113	--
				65-10-25	--	--	2.0	--	--	--	120	--
				66-01-27	--	--	--	--	--	--	72	--
				66-03-22	--	--	3.0	--	--	--	78	--
				66-04-28	--	--	--	--	--	--	136	--
				66-06-01	--	--	.50	--	31	50	130	--
				66-06-29	--	--	--	--	23	51	138	--
				66-07-28	--	--	1.0	--	21	52	149	--
				66-08-31	--	--	--	--	15	43	169	-
				66-09-28	--	--	--	--	16	47	166	-
				66-10-26	--	--	--	--	20	58	194	--
				67-01-30	--	--	--	--	35	57	142	--
				67-04-04	--	--	--	--	27	51	166	--
				67-05-03	--	--	--	--	35	64	166	--
				67-06-02	--	--	--	--	31	74	179	--
				67-06-28	--	--	--	--	32	56	130	--
				67-08-03	--	--	--	--	26	58	146	--
				67-08-30	--	--	2.0	--	20	60	156	--
				67-11-03	--	--	--	--	20	64	183	--
				68-02-01	--	--	--	--	55	78	184	--
				73-08-22	1050	21.5	15	6.5	22	53	110	--
				73-09-21	1015	16.0	7.0	7.3	24	55	110	--
83	CURRANT CREEK AT MOUTH NR FRUITLAND	40 10 54	110 46 15	41-04-19	--	--	28	9.0	61	22	20	--
84	SOLDIER CREEK AT US HIGHWAY 40 AT STRAWBERRY RES	40 10 55	111 01 59	73-09-21	1750	14.0	3.0	8.8	32	32	10	--
85	DRAIN 2.5 MI EAST AND 1 MI SOUTH OF MYTON	40 10 58	110 00 36	73-06-07	--	--	20	--	136	85	294	--
				73-07-11	--	--	12	--	180	117	372	--
				73-07-25	--	--	10	--	168	103	361	--
				73-08-07	--	--	10	--	152	96	352	--
				73-08-20	--	--	10	--	156	84	322	--
				73-09-05	--	--	10	--	172	96	389	--
				73-09-19	--	--	20	--	158	113	366	--
86	RED CREEK ABOVE CURRANT CREEK NR FRUITLAND	40 11 02	110 46 14	41-04-19	--	--	20	4.0	69	36	57	--
				47-05-11	--	--	85	--	67	19	--	10
				47-06-22	--	--	15	--	54	42	--	92
				49-07-02	--	--	8.0	--	56	37	138	--
				57-10-22	--	--	4.1	--	--	--	--	--
				58-05-07	--	--	87	8.3	47	16	--	17
				58-08-22	--	--	.10	10	57	44	--	180
				71-11-17	--	.0	4.4	--	--	--	--	--
				71-12-14	--	.0	1.8	--	--	--	--	--
				72-01-19	--	.0	2.3	--	--	--	--	--
				72-02-16	--	.0	5.8	--	--	--	--	--
				72-03-21	--	5.0	6.2	--	--	--	--	--
87	DUCHESNE RIVER AT WISSIUP CANAL NR RANDLETT	40 11 20	109 45 29	59-05-08	--	--	25	--	168	117	502	--
				59-05-29	--	--	70	--	125	94	374	--
				59-07-07	--	--	190	--	112	74	286	--
				59-07-31	--	--	20	--	116	107	538	--
				59-08-28	--	--	75	--	102	78	343	--
				59-09-28	--	--	150	--	--	--	--	--
				59-10-30	--	--	200	--	93	57	190	--
				60-01-27	--	--	370	--	73	39	83	--
				60-04-13	--	--	190	--	107	54	178	--

miscellaneous sites on streams--Continued

DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
--	--	--	--	--	--	--	--	--	--	--	--	370	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	425	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	140	--	--	--	--	GS
2.0	201	0	183	17	--	--	--	--	--	454	--	709	230	66	1.7	8.0	
--	--	--	--	--	--	--	--	--	--	--	--	2000	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	680	--	--	--	--	GS
2.4	175	28	185	35	--	--	--	--	170	510	--	781	210	14	3.2	9.1	
1.6	106	57	200	34	--	--	--	--	--	524	--	781	200	17	3.4	9.8	
2.0	123	20	233	35	--	--	--	--	--	546	--	794	170	39	3.8	8.9	
1.6	201	7	219	37	--	--	--	--	--	594	--	874	190	3	4.0	8.7	
2.0	134	27	245	41	--	--	--	--	--	641	--	898	140	0	5.6	9.3	
3.9	253	5	283	49	--	--	--	--	--	735	--	1100	220	0	4.8	8.3	
4.7	245	26	222	33	--	--	--	--	--	621	--	936	300	55	2.5	8.7	
5.4	376	0	245	42	--	--	--	--	--	706	--	1090	330	24	3.1	7.9	
6.3	353	16	275	46	--	--	--	--	--	708	--	1190	350	37	3.2	8.3	
5.9	403	0	293	49	--	--	--	--	--	794	--	1200	370	37	3.4	7.6	
5.1	235	20	187	32	--	--	--	--	--	507	--	823	250	22	2.7	8.8	
4.7	257	0	181	30	--	--	--	--	--	486	--	803	240	27	2.6	7.7	
5.2	255	17	264	41	--	--	--	--	--	642	--	975	290	55	3.1	8.5	
5.1	235	16	237	43	--	--	--	--	--	639	--	951	230	7	3.9	8.7	
5.1	253	20	308	48	--	--	--	--	--	723	--	1060	240	36	4.1	8.8	
4.3	172	63	333	52	--	--	--	--	--	784	--	1140	290	45	4.4	8.9	
13	354	26	291	63	--	--	--	--	--	837	--	1280	320	0	4.1	8.5	
4.7	253	17	220	39	--	--	--	--	--	615	--	941	260	22	3.2	8.7	
4.3	254	25	241	41	--	--	--	--	--	642	--	978	270	21	3.4	8.8	
2.4	228	22	269	44	--	--	--	--	--	674	--	1000	270	52	3.5	8.6	
5.5	229	7	229	44	--	--	--	--	--	595	--	930	210	9	3.9	8.5	
5.1	226	21	250	51	--	--	--	--	--	672	--	919	--	--	4.2	8.8	
9.4	204	16	221	41	--	--	--	--	--	562	--	875	--	--	3.3	8.7	
7.0	264	0	224	44	--	--	--	--	--	612	--	947	--	--	3.3	7.6	
2.4	155	0	153	43	--	--	--	--	--	427	--	688	--	--	2.3	8.1	
6.5	195	0	153	31	--	--	--	--	--	443	--	677	--	--	2.5	7.9	
6.5	257	21	265	53	--	--	--	--	--	718	--	1050	--	--	3.4	8.3	
5.1	225	37	248	48	--	--	--	--	--	687	--	1010	280	37	3.3	8.8	
3.5	239	25	249	52	--	--	--	--	--	709	--	1060	270	30	3.7	9.0	
4.3	157	63	272	56	--	--	--	--	--	755	--	1090	270	33	4.0	9.5	
4.3	119	68	284	60	--	--	--	--	--	745	--	1120	210	3	5.0	9.7	
4.3	157	30	324	60	--	--	--	--	--	709	--	1060	230	55	4.7	9.2	
3.9	164	62	369	69	--	--	--	--	--	905	--	1310	240	54	5.0	9.5	
5.1	297	0	373	65	--	--	--	--	--	874	--	1280	320	78	4.4	7.8	
4.7	282	0	314	61	--	--	--	--	--	796	--	1130	280	46	4.3	8.0	
5.1	317	18	328	62	--	--	--	--	--	840	--	1180	350	61	3.9	8.4	
5.5	290	28	385	66	--	--	--	--	--	887	--	1270	380	97	4.0	8.8	
4.7	286	0	281	50	--	--	--	--	--	710	--	1050	310	76	3.2	8.0	
4.3	252	48	296	53	--	--	--	--	--	733	--	1240	300	17	3.6	8.5	
3.5	151	70	305	59	--	--	--	--	--	670	--	1120	300	56	3.9	9.5	
5.1	141	84	353	67	--	--	--	--	--	891	--	1260	310	58	4.5	9.8	
5.9	437	0	396	68	--	--	--	--	--	1070	--	1450	460	100	3.7	8.0	
4.1	154	36	250	45	.01	--	.01	.6	310	--	603	943	270	37	2.9	9.3	GS
4.2	153	37	260	50	1.9	--	.04	.7	300	--	632	999	290	99	2.8	9.2	GS
.0	278	12	34	7.1	--	.60	--	--	40	309	298	514	246	4	.6	--	GS
1.7	216	0	12	23	.13	--	.05	.3	20	--	227	560	210	34	.3	8.1	GS
4.7	416	0	874	59	--	--	--	--	--	1790	--	2280	690	350	4.9	8.2	
4.3	516	0	1160	79	--	--	--	--	--	2340	--	2880	930	510	5.3	8.2	
3.1	470	0	1100	72	--	--	--	--	--	2210	--	2710	840	460	5.4	8.1	
3.5	453	0	1050	69	--	--	--	--	--	2080	--	2590	740	400	5.5	7.9	
3.1	429	0	980	66	--	--	--	--	--	1970	--	2460	740	340	5.2	8.1	
3.9	424	0	1170	78	--	--	--	--	--	2360	--	2870	830	470	5.9	7.7	
3.9	477	0	1100	73	--	--	--	--	--	2210	--	2710	560	470	5.4	8.1	
.0	334	22	67	43	--	.60	--	--	110	--	466	802	322	8	1.4	--	SL
--	226	0	29	12	--	1.8	--	--	--	--	240	415	245	60	--	--	GS
--	414	0	68	69	--	.40	--	--	--	--	528	894	307	0	2.3	--	GS
11	253	16	128	122	--	.80	--	--	50	--	634	1140	292	58	3.5	--	SU
--	566	0	116	--	--	--	--	--	--	--	--	1390	354	0	--	8.2	GS
--	215	0	28	9.8	--	1.2	--	--	--	239	--	408	184	8	--	7.8	GS
--	419	0	154	149	--	2.7	--	--	--	812	--	1320	324	0	4.3	7.9	GS
--	--	--	--	--	--	--	--	--	--	--	--	970	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	1240	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	1000	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	805	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	785	--	--	--	--	GS
6.3	326	0	1280	282	--	--	--	--	1300	2590	--	3375	900	530	7.3	7.8	
4.7	291	9	970	179	--	--	--	--	1500	1990	--	2695	790	450	6.2	--	
3.9	280	11	742	134	--	--	--	--	1200	1550	--	2130	590	340	5.2	8.2	
7.8	152	5	1200	375	--	--	--	--	1150	2520	--	3460	730	600	8.7	8.4	
6.5	182	11	903	155	--	--	--	--	1350	1770	--	2400	580	410	6.2	8.4	
--	--	--	--	--	--	--	--	--	--	1480	--	2050	--	--	--	8.2	
3.7	243	16	529	76	--	--	--	--	950	1150	--	1590	470	240	3.5	--	
1.6	244	13	244	35	--	--	--	--	--	646	--	964	340	120	2.0	8.5	
2.7	259	9	515	84	--	--	--	--	--	1120	--	1580	430	250	3.5	8.2	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LAT-I-TUDE	LONG-I-TUDE	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)
87	DUCHESNE RIVER AT WISSIUP CANAL NR RANDLETT--CONT.	40 11 20	109 45 29	60-05-04	--	--	60	--	157	103	421	--
				60-06-01	--	--	500	--	57	32	106	--
				60-06-30	--	--	20	--	146	107	469	--
				60-08-03	--	--	20	--	154	96	508	--
				60-09-15	--	--	30	--	180	146	605	--
				60-10-20	--	--	100	--	129	83	298	--
				60-11-23	--	--	325	--	95	52	134	--
				60-12-22	--	--	330	--	59	41	99	--
				61-02-09	--	--	350	--	35	35	85	--
				61-04-27	--	--	20	--	199	132	536	--
				61-06-01	--	--	150	--	107	58	215	--
				61-06-30	--	--	10	--	133	105	467	--
				61-08-03	--	--	10	--	157	130	552	--
				61-08-31	--	--	10	--	146	89	469	--
				61-09-29	--	--	260	--	81	42	131	--
				61-11-01	--	--	440	--	82	44	105	--
				62-02-04	--	--	350	--	64	29	69	--
88	TRIBUTARY TO STRAWBERRY RESERVOIR AT ROAD CROSSING	40 11 22	111 05 36	73-09-13	--	19.5	.05	--	--	--	--	--
89	DUCHESNE RIVER AT OURAY SCHOOL CANAL NR RANDLETT	40 11 35	109 54 56	56-02-14	--	--	450	--	65	33	74	--
				56-03-14	--	--	400	--	63	39	86	--
				56-05-24	--	--	1600	--	39	15	29	--
				56-07-09	--	--	100	--	96	64	226	--
				56-08-07	--	--	35	--	92	70	279	--
				56-09-17	--	--	20	--	122	92	386	--
				56-10-18	--	--	25	--	138	99	401	--
				57-02-01	--	--	260	--	69	36	74	--
				57-03-12	--	--	280	--	82	44	124	--
				57-04-11	--	--	150	--	77	60	174	--
				57-07-18	--	--	400	--	76	41	153	--
				57-08-15	--	--	125	--	77	53	168	--
				57-10-07	--	--	120	--	79	68	222	--
				57-11-01	--	--	280	--	53	46	106	--
				58-02-10	--	--	380	--	57	35	71	--
				58-04-18	--	--	450	--	52	33	69	--
				58-05-27	--	--	3600	--	35	13	17	--
				58-06-30	--	--	200	--	67	39	106	--
				58-09-03	--	--	10	--	132	117	447	--
				58-10-30	--	--	20	--	126	99	325	--
				59-02-02	--	--	400	--	--	--	80	--
				59-04-13	--	--	50	--	78	81	269	--
				59-05-08	--	--	75	--	168	153	592	--
				59-05-29	--	--	75	--	87	102	370	--
				59-07-09	--	--	100	--	73	52	180	--
				59-07-31	--	--	5.0	--	146	142	562	--
				59-08-28	--	--	20	--	121	83	301	--
				59-09-28	--	--	30	--	--	--	--	--
				59-10-30	--	--	100	--	83	45	176	--
				60-01-27	--	--	--	--	69	33	69	--
				60-04-13	--	--	75	--	75	48	137	--
				60-05-04	--	--	50	--	157	124	466	--
				60-06-01	--	--	400	--	49	25	73	--
				60-06-30	--	--	15	--	144	110	414	--
				60-08-03	--	--	10	--	126	102	437	--
				60-09-15	--	--	10	--	154	127	506	--
				60-10-20	--	--	75	--	143	83	272	--
				60-11-23	--	--	100	--	79	44	92	--
				60-12-22	--	--	150	--	73	39	81	--
				61-02-09	--	--	130	--	33	29	64	--
				61-04-27	--	--	50	--	210	130	547	--
				61-06-01	--	--	125	--	87	57	193	--
				61-06-30	--	--	30	--	172	138	536	--
				61-08-03	--	--	10	--	168	188	749	--
				61-08-31	--	--	5.0	--	120	105	361	--
				61-09-29	--	--	50	--	73	42	109	--
				61-11-01	--	--	100	--	49	34	91	--
				62-02-01	--	--	150	--	61	33	62	--
90	PELICAN LAKE AT STATE HIGHWAY 88	40 11 45	109 39 50	73-07-25	1100	21.0	--	4.6	23	50	99	--
				73-08-22	--	27.0	--	6.6	21	49	100	--
91	RIVERDELL CANAL AT U(C-3-1)27BAC	40 11 50	109 59 04	73-08-23	--	--	3.0	--	92	50	177	--
				73-09-04	--	--	2.0	--	84	52	244	--
92	DEEP CREEK AT MOUTH AT CURRANT CREEK NR FRUITLAND	40 12 00	110 54 33	41-04-19	--	--	--	18	44	30	43	--
93	CURRANT CREEK ABOVE DEEP CREEK NR FRUITLAND	40 12 08	110 54 28	41-04-19	--	--	--	5.0	61	20	12	--
94	OURAY SCHOOL CANAL AT HEAD NR RANDLETT	40 12 08	109 54 18	73-07-11	--	--	35	--	94	77	234	--
				73-07-26	--	--	49	--	77	42	109	--
				73-08-08	--	--	18	--	112	62	244	--
				73-08-21	--	--	--	--	91	51	165	--
				73-09-05	--	--	--	--	106	66	230	--
				73-09-18	--	--	32	--	82	57	163	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS_SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
5.1	323	0	1090	238	--	--	--	--	--	2340	--	3000	820	550	6.4	7.8	
2.4	151	17	285	43	--	--	--	--	--	666	--	970	270	120	2.8	8.5	
5.5	260	17	1160	272	--	--	--	--	--	2490	--	3230	810	560	7.2	--	
6.3	253	7	1180	319	--	--	--	--	--	2550	--	3385	780	560	7.9	--	
7.4	305	12	1420	441	--	--	--	--	--	3180	--	3920	1100	780	8.1	--	
4.7	285	21	844	122	--	--	--	--	--	1760	--	2280	660	400	5.0	--	
2.4	283	10	404	55	--	--	--	--	--	953	--	1290	450	200	2.8	--	
2.0	179	13	296	40	--	--	--	--	--	690	--	977	320	150	2.4	8.3	
1.6	124	9	241	37	--	--	--	--	420	556	--	810	230	110	2.4	8.5	
5.5	347	4	1430	304	--	--	--	--	--	2950	--	3720	1000	750	10	--	
1.6	254	3	605	93	--	--	--	--	--	1290	--	1770	510	230	4.2	--	
5.9	238	12	1110	298	--	--	--	--	--	2440	--	3190	770	550	7.4	--	
5.5	204	4	1330	407	--	--	--	--	--	2800	--	3700	930	750	7.9	--	
4.3	218	7	1040	340	--	--	--	--	570	2360	--	3150	730	540	7.5	--	
2.4	247	6	359	52	--	--	--	--	700	848	--	1200	380	160	2.9	--	
2.0	231	12	335	42	--	--	--	--	510	802	--	1110	390	180	2.3	--	
1.6	190	19	193	31	--	--	--	--	350	564	--	822	280	92	1.8	8.2	
--	--	--	--	--	--	--	--	--	--	--	--	315	--	--	--	--	GS
2.0	212	2	202	25	--	--	--	--	320	568	--	847	298	83	1.9	8.4	
2.3	193	27	246	33	--	--	--	--	320	635	--	914	316	112	2.1	8.6	
1.6	140	5	88	8.2	--	--	--	--	120	273	--	421	160	87	1.0	8.3	
3.5	259	17	655	55	--	--	--	--	1200	1390	--	1820	504	263	4.4	8.2	
4.7	325	9	715	73	--	--	--	--	1200	1580	--	2100	518	236	5.3	8.3	
5.1	265	37	1070	97	--	--	--	--	1780	2150	--	2660	641	432	6.5	--	
4.7	160	29	1260	96	--	--	--	--	1580	2180	--	2700	752	572	6.0	8.3	
2.0	267	0	228	20	--	--	--	--	290	592	--	859	318	100	1.8	8.2	
2.7	279	0	359	40	--	--	--	--	400	809	--	1160	386	156	2.8	8.3	
2.3	246	3	511	59	--	--	--	--	580	1100	--	1520	440	234	3.6	8.3	
3.1	247	0	401	54	--	--	--	--	480	914	--	1260	358	156	3.5	7.8	
3.1	257	5	479	44	--	--	--	--	580	1020	--	1380	412	192	3.6	8.4	
4.3	247	14	626	61	--	--	--	--	680	1310	--	1740	476	250	4.4	8.3	
2.3	208	11	310	30	--	--	--	--	340	726	--	1040	322	132	2.6	8.3	
1.6	215	9	205	24	--	--	--	--	190	550	--	831	254	92	1.8	8.5	
2.0	198	18	185	22	--	--	--	--	590	503	--	770	264	72	1.8	8.4	
1.2	147	0	50	4.6	--	--	--	--	180	209	--	346	142	21	.6	7.9	
2.0	221	16	306	24	--	--	--	--	750	718	--	1020	328	120	2.5	8.3	
4.7	284	21	1320	107	--	--	--	--	2990	2480	--	3090	810	542	6.8	8.3	
3.9	326	18	977	84	--	--	--	--	1860	1950	--	2460	722	424	5.3	8.2	
--	--	--	--	--	--	--	--	--	--	564	--	818	--	--	--	8.4	
3.9	188	18	806	69	--	--	--	--	1980	1520	--	2000	526	349	5.1	8.2	
7.8	329	24	1780	128	--	--	--	--	4350	3270	--	3860	1040	734	8.0	--	
7.0	203	19	1090	85	--	--	--	--	2600	2070	--	2590	638	439	6.4	8.5	
4.7	205	19	508	46	--	--	--	--	1200	1070	--	1450	396	136	3.9	8.5	
5.1	256	1	1670	124	--	--	--	--	3810	3070	--	3620	950	740	7.9	8.2	
5.9	264	1	887	77	--	--	--	--	1930	1810	--	2280	640	430	5.2	--	
--	--	--	--	--	--	--	--	--	--	1430	--	1830	--	--	--	8.4	
3.5	226	0	487	38	--	--	--	--	1080	1010	--	1400	390	210	3.9	8.5	
1.6	249	0	206	19	--	--	--	--	--	551	--	824	310	100	1.7	8.3	
2.0	222	0	419	35	--	--	--	--	--	870	--	1220	390	200	3.0	8.5	
4.7	351	0	1380	117	--	--	--	--	--	2720	--	3260	900	610	6.8	8.3	
1.6	156	0	207	20	--	--	--	--	--	502	--	743	230	97	2.1	8.2	
5.1	348	0	1240	98	--	--	--	--	--	2340	--	2890	810	530	6.3	7.8	
5.5	297	0	1250	104	--	--	--	--	--	2340	--	2890	740	490	7.0	7.7	
5.1	287	19	1510	125	--	--	--	--	--	2780	--	3320	910	640	7.3	--	
4.7	283	25	890	69	--	--	--	--	--	1670	--	2140	700	430	4.5	--	
2.0	245	22	290	2.9	--	--	--	--	--	705	--	1010	380	140	2.1	--	
1.6	228	19	256	23	--	--	--	--	--	636	--	924	340	120	1.9	--	
1.6	125	3	198	21	--	--	--	--	460	445	--	653	200	94	2.0	8.5	
5.9	416	0	1620	159	--	--	--	--	3220	3120	--	3700	1100	720	7.3	7.7	
3.5	221	18	573	48	--	--	--	--	1450	1170	--	1570	450	240	4.0	--	
5.9	274	10	1740	84	--	--	--	--	5700	3040	--	3550	1000	760	7.4	--	
6.6	242	0	2270	153	--	--	--	--	6150	4040	--	4560	1200	1000	9.4	8.0	
8.6	275	0	1150	76	--	--	--	--	2400	2110	--	2550	730	510	5.8	7.8	
2.7	253	0	424	29	--	--	--	--	850	797	--	1100	360	150	2.5	7.5	
2.0	143	13	204	23	--	--	--	--	600	617	--	865	260	120	2.4	8.2	
1.6	201	20	240	18	--	--	--	--	420	523	--	769	290	90	1.6	8.3	
3.5	143	36	240	44	.00	--	.00	.6	300	--	572	900	260	86	2.7	9.2	GS
5.6	151	40	240	46	--	--	--	--	--	--	583	943	250	64	2.7	9.4	GS
5.9	297	0	482	63	--	--	--	--	--	1040	--	1510	440	190	3.7	7.8	
5.1	272	0	610	96	--	--	--	--	--	1310	--	1790	420	200	5.1	8.1	
.0	254	2	58	7.1	--	.60	--	--	140	368	328	575	232	0	1.2	8.2	SL
--	254	12	22	7.1	--	.60	--	--	70	287	264	468	232	4	.3	8.0	SL
3.9	237	10	749	59	--	--	--	--	--	1480	--	1890	550	340	4.3	8.4	
2.4	48	14	354	28	--	--	--	--	--	773	--	1090	370	300	2.5	8.4	GS
4.3	101	0	696	59	--	--	--	--	--	1380	--	1850	540	450	4.6	8.1	GS
3.1	88	0	453	51	--	--	--	--	--	1050	--	1440	440	370	3.4	8.2	GS
3.9	97	0	696	56	--	--	--	--	--	1460	--	1850	540	460	4.3	8.0	GS
3.1	71	0	503	41	--	--	--	--	--	1060	--	1450	440	380	3.4	8.2	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
95	MUD CREEK AT MOUTH	40 12 09	111 11 00	73-09-21	1650	16.0	1.0	6.3	60	26	3.4	--
96	PELICAN LAKE FEEDER CANAL AT PELICAN LAKE	40 12 12	109 42 08	63-08-02	--	--	--	--	37	48	197	--
				63-08-16	--	--	--	--	47	44	223	--
				64-04-02	--	--	--	--	61	24	26	--
				64-04-29	--	--	--	--	47	55	143	--
				64-05-18	--	--	1.0	--	37	56	173	--
				64-06-01	--	--	1.0	--	44	26	72	--
				64-06-23	--	--	15	--	33	16	30	--
				64-07-07	--	--	1.0	--	37	39	112	--
				64-07-28	--	--	.50	--	53	33	126	--
				64-08-25	--	--	.50	--	53	40	175	--
				64-10-06	--	--	.50	--	62	49	202	--
				64-10-30	--	--	1.0	--	56	43	194	--
				65-04-24	--	--	2.0	--	29	46	86	--
				65-05-27	--	--	1.5	--	51	41	112	--
				65-06-24	--	--	.50	--	38	48	143	--
				65-07-29	--	--	8.0	--	38	23	34	--
				65-08-27	--	--	10	--	--	--	2.7	--
				65-10-01	--	--	10	--	--	--	18	--
				65-10-25	--	--	10	--	--	--	31	--
				66-01-27	--	--	1.0	--	--	--	184	--
				66-03-22	--	--	5.0	--	--	--	43	--
				66-04-28	--	--	1.0	--	--	--	175	--
				66-06-01	--	--	.50	--	52	45	121	--
				66-06-29	--	--	1.0	--	53	51	164	--
				66-07-28	--	--	.50	--	50	46	174	--
				66-08-31	--	--	1.0	--	46	50	229	--
				66-09-28	--	--	.50	--	19	21	69	--
				66-10-26	--	--	.50	--	60	58	213	--
				67-04-04	--	--	20	--	78	41	34	--
				67-05-03	--	--	1.0	--	73	47	99	--
				67-06-28	--	--	18	--	40	19	28	--
				67-11-03	--	--	12	--	56	30	42	--
97	DUCHESNE RIVER AT MYTON TOWNSITE CANAL	40 12 12	110 06 20	59-05-07	--	--	75	--	74	56	132	--
				63-06-25	--	--	15	--	39	19	37	--
				63-07-17	--	--	--	--	96	80	214	--
				63-08-12	--	--	--	--	76	40	87	--
				63-09-18	--	--	--	--	67	48	110	--
				63-10-10	--	--	--	--	82	85	183	--
				63-11-07	--	--	--	--	73	63	129	--
				65-02-01	--	--	--	--	63	32	85	--
				65-02-16	--	--	--	--	54	37	79	--
				65-03-02	--	--	--	--	30	39	90	--
				65-03-08	--	--	--	--	80	32	79	--
				65-03-23	--	--	--	--	78	42	80	--
				65-04-07	--	--	--	--	74	43	91	--
				65-04-20	--	--	--	--	68	31	80	--
				65-05-05	--	--	--	--	45	25	33	--
				65-05-17	--	--	--	--	56	30	53	--
				65-06-01	--	--	--	--	46	20	28	--
				65-06-14	--	--	--	--	40	12	20	--
				65-06-28	--	--	--	--	30	13	19	--
				65-07-07	--	--	--	--	22	8.0	12	--
98	MYTON TOWNSITE CANAL NR TERMINUS	40 12 22	109 51 31	67-10-24	--	--	5.0	--	103	40	157	--
				73-06-07	--	--	10	--	52	23	60	--
				73-07-11	--	--	--	--	85	54	125	--
				73-07-25	--	--	--	--	69	37	94	--
				73-08-08	--	--	10	--	80	51	134	--
				73-08-21	--	--	16	--	91	45	126	--
				73-09-05	--	--	--	--	89	54	136	--
				73-09-17	--	--	12	--	79	51	139	--
99	DUCHESNE RIVER ABOVE UINTA RIVER NR RANDLETT	40 12 45	109 47 28	73-07-11	--	--	--	--	116	80	271	--
				73-07-25	--	--	--	--	69	41	105	--
				73-08-08	--	--	--	--	108	68	255	--
				73-08-20	--	--	--	--	78	51	155	--
				73-09-05	--	--	--	--	84	62	211	--
				73-09-17	--	--	--	--	82	55	161	--
100	OURAY PARK CANAL AT STATE HIGHWAY 88	40 12 55	109 40 30	73-07-25	1110	19.0	14	8.6	37	20	21	--
				73-08-22	--	21.0	24	9.3	41	27	31	--
101	UINTA RIVER AT MOUTH NR RANDLETT	40 13 00	109 47 13	60-05-25	1030	17.0	--	18	167	69	--	372
				64-04-02	--	--	100	--	148	100	294	--
				64-04-29	--	--	25	--	181	136	529	--
				64-05-18	--	--	--	--	136	101	395	--
				64-06-01	--	--	150	--	122	90	176	--
				64-06-23	--	--	500	--	66	40	89	--
				64-07-07	--	--	85	--	124	71	212	--
				64-08-04	--	--	50	--	123	67	242	--
				64-08-25	--	--	25	--	134	71	307	--
				64-10-06	--	--	50	--	138	88	343	--
				64-10-30	--	--	30	--	148	103	434	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
1.3	283	0	6.9	3.0	.05	--	.06	.3	10	--	247	450	260	25	.1	8.1	GS
2.0	267	13	292	126	--	--	--	--	--	901	--	1400	290	49	5.0	8.4	
2.8	239	23	333	147	--	--	--	--	--	975	--	1560	300	54	5.6	8.4	
2.8	169	18	119	12	--	--	--	--	--	368	--	559	250	82	.7	8.6	
2.4	254	20	287	82	--	--	--	--	--	802	--	1220	340	100	3.4	8.3	
2.8	244	16	325	98	--	--	--	--	--	768	--	1250	320	96	4.2	8.5	
3.4	192	0	172	36	--	--	--	--	--	496	--	720	230	68	2.1	7.8	
1.6	115	3	98	12	--	--	--	--	--	245	--	420	150	48	1.1	8.4	
2.7	206	19	213	55	--	--	--	--	--	576	--	935	250	52	3.1	8.7	
1.5	264	0	225	66	--	--	--	--	--	649	--	980	270	52	3.3	8.2	
2.4	233	19	308	95	--	--	--	--	--	784	--	1220	300	74	4.4	8.8	
1.6	255	23	366	121	--	--	--	--	--	850	--	1390	360	110	4.7	8.6	
2.7	289	28	286	113	--	--	--	--	--	921	--	1400	320	33	4.7	8.3	
2.0	157	8	233	46	--	--	--	--	--	573	--	860	260	120	2.3	8.5	
2.0	254	5	230	61	--	--	--	--	--	645	--	996	300	78	2.8	8.3	
2.0	212	18	284	74	--	--	--	--	--	733	--	1070	290	89	3.6	8.6	
2.1	164	2	104	12	--	--	--	--	--	288	--	478	190	51	1.1	8.3	
1.2	178	7	90	9.9	--	--	--	--	--	310	--	463	--	--	.8	8.3	
2.4	149	6	69	8.2	--	--	--	--	--	243	--	402	--	--	.6	8.7	
1.6	199	7	113	14	--	--	--	--	--	353	--	568	--	--	.9	8.6	
2.0	344	8	335	111	--	--	--	--	--	951	--	1420	--	--	4.0	8.3	
2.8	208	0	197	19	--	--	--	--	--	511	--	734	--	--	1.1	8.0	
3.5	287	21	307	110	--	--	--	--	--	925	--	1270	--	--	4.0	8.3	
2.8	284	0	234	75	--	--	--	--	--	698	--	1070	320	82	3.0	8.2	
3.1	318	0	292	97	--	--	--	--	--	864	--	1330	340	81	3.8	7.8	
2.8	291	0	299	105	--	--	--	--	--	860	--	1310	310	76	4.2	8.1	
2.4	263	6	360	--	--	--	--	--	--	1030	--	1600	320	95	5.6	8.3	
.8	96	4	132	39	--	--	--	--	--	318	--	529	130	48	2.6	8.5	
2.8	319	7	361	145	--	--	--	--	--	1070	--	1610	390	110	4.7	8.4	
2.0	186	16	252	15	--	--	--	--	--	552	--	758	350	180	.8	8.3	
2.0	303	16	317	52	--	--	--	--	--	789	--	998	460	180	2.0	8.3	
1.2	154	0	94	11	--	--	--	--	--	280	--	430	180	52	.9	7.6	
2.0	192	21	125	23	--	--	--	--	--	437	--	638	260	71	1.1	8.6	
2.7	267	9	414	28	--	--	--	--	--	891	--	1240	420	180	2.8	8.3	
1.6	162	0	103	12	--	--	--	--	--	319	--	510	180	43	1.2	8.3	
3.5	311	0	676	62	--	--	--	--	--	1480	--	1820	570	310	3.9	7.7	
5.5	316	0	246	25	--	--	--	--	--	665	--	999	350	95	2.0	7.6	
2.7	203	6	378	26	--	--	--	--	--	750	--	1090	370	190	2.5	8.2	
4.3	230	4	677	41	--	--	--	--	--	1250	--	1650	560	360	3.4	--	
3.9	256	6	448	29	--	--	--	--	--	966	--	1320	440	220	2.7	--	
4.3	234	0	222	38	--	--	--	--	--	597	--	895	290	97	2.2	7.8	
1.6	214	12	214	30	--	--	--	--	--	561	--	857	290	92	2.0	8.4	
3.5	154	9	233	37	--	--	--	--	--	541	--	820	240	93	2.5	8.6	
2.7	267	17	207	30	--	--	--	--	--	605	--	903	330	84	1.9	8.3	
4.3	302	0	249	29	--	--	--	--	--	655	--	872	370	120	1.8	7.8	
3.1	273	15	244	42	--	--	--	--	--	671	--	990	350	110	2.1	8.3	
3.1	257	16	195	26	--	--	--	--	--	581	--	883	300	60	2.0	8.2	
4.3	196	8	99	11	--	--	--	--	--	327	--	507	220	39	1.0	8.4	
2.8	254	0	141	16	--	--	--	--	--	540	--	692	260	51	1.4	7.8	
1.6	208	0	74	8.5	--	--	--	--	--	304	--	469	200	27	.9	7.7	
1.6	146	0	61	6.4	--	--	--	--	--	222	--	366	150	29	.7	7.8	
1.2	110	6	58	5.7	--	--	--	--	--	197	--	315	130	27	.7	8.4	
.4	88	0	38	3.6	--	--	--	--	--	142	--	223	88	16	.6	8.1	
3.9	289	0	461	38	--	--	--	--	--	1070	--	1410	420	190	3.3	8.1	
2.7	194	0	167	16	--	--	--	--	--	--	417	676	230	65	1.7	8.2	
3.5	222	14	457	29	--	--	--	--	--	936	--	1280	440	230	2.6	8.3	
2.7	201	0	323	22	--	--	--	--	--	705	--	988	330	160	2.3	8.1	
2.7	233	0	450	28	--	--	--	--	--	934	--	1280	410	220	2.9	8.2	
3.5	273	0	423	29	--	--	--	--	--	936	--	1280	410	190	2.7	8.1	
3.5	262	0	484	33	--	--	--	--	--	1030	--	1340	450	230	2.8	8.1	
3.1	226	0	448	30	--	--	--	--	--	941	--	1280	410	220	3.0	8.2	
5.1	329	0	817	66	--	--	--	--	--	1660	--	2100	620	350	4.7	8.2	
3.1	225	8	323	28	--	--	--	--	--	733	--	1040	340	140	2.5	8.3	
3.9	314	0	749	61	--	--	--	--	--	1490	--	1970	550	290	4.7	8.0	
3.5	228	17	480	44	--	--	--	--	--	982	--	1350	410	190	3.4	8.3	
3.9	265	0	644	51	--	--	--	--	--	1270	--	1690	470	250	4.3	8.1	
3.1	289	0	473	41	--	--	--	--	--	1020	--	1420	430	190	3.4	8.1	
2.3	159	0	87	7.8	.00	--	.00	.4	110	--	263	430	170	44	.7	8.3	GS
3.0	179	0	120	14	.02	--	.00	.3	140	--	334	549	210	67	.9	8.3	GS
--	279	12	890	239	--	4.0	--	--	--	--	--	2600	700	459	6.1	8.2	GS
5.5	279	0	904	160	--	--	--	--	--	1930	--	2430	780	550	4.6	8.4	
9.7	264	0	1410	349	--	--	--	--	--	2930	--	3650	1000	800	7.2	8.1	
9.0	217	21	1030	245	--	--	--	--	--	2020	--	2770	760	540	6.3	8.5	
9.0	331	0	642	92	--	--	--	--	--	1350	--	1720	580	400	2.9	7.7	
3.1	187	17	272	44	--	--	--	--	--	681	--	949	330	150	2.1	8.8	
6.5	303	0	606	137	--	--	--	--	--	1360	--	1960	600	350	3.8	7.8	
6.6	223	21	700	123	--	--	--	--	--	1450	--	1890	580	370	4.4	8.6	
5.1	170	13	850	180	--	--	--	--	--	1670	--	2260	630	470	5.3	8.4	
5.3	236	16	936	187	--	--	--	--	--	1850	--	2510	710	490	5.6	8.4	
8.2	252	0	1140	255	--	--	--	--	--	2410	--	3040	790	590	6.7	8.1	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LAT-I-TUDE	LONG-I-TUDE	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)
101	UINTA RIVER AT MOUTH NR RANDLETT--CONT.	40 13 00	109 47 13	65-02-03	--	--	80	--	89	77	216	--
				65-04-29	--	--	50	--	109	110	190	--
				65-05-26	--	--	100	--	88	67	398	--
				65-06-24	--	--	2500	--	27	9.6	18	--
				65-07-14	--	--	200	--	39	21	43	--
				65-07-29	--	--	200	--	60	31	73	--
				65-08-12	--	--	50	--	101	74	225	--
				65-08-21	--	--	100	--	--	--	108	--
				65-10-01	--	--	150	--	--	--	79	--
				66-01-27	--	--	75	--	--	--	90	--
				66-03-22	--	--	100	--	--	--	123	--
				66-04-28	--	--	20	--	--	--	405	--
				66-06-01	--	--	75	--	130	82	246	--
				66-06-29	--	--	15	--	159	93	359	--
				66-07-28	--	--	20	--	174	80	326	--
				66-08-31	--	--	20	--	172	74	400	--
				66-09-28	--	--	30	--	92	76	260	--
				66-10-26	--	--	30	--	162	88	274	--
				67-01-30	--	--	40	--	84	45	113	--
				73-07-25	1050	17.0	600	17	78	45	84	--
				73-08-22	--	17.0	200	16	110	60	170	--
				73-09-21	1120	13.0	125	14	120	63	190	--
103	OURAY SCHOOL CANAL AT MOUTH	40 13 55	109 48 15	67-09-07	--	--	--	--	123	76	265	--
				73-09-21	1145	18.0	6.0	9.3	92	49	140	--
104	UINTA RIVER AT STATE HIGHWAY 88 AT RANDLETT	40 13 59	109 48 07	41-04-21	--	--	--	3.0	99	61	178	--
				41-05-19	--	--	--	8.0	48	26	62	--
				49-07-02	--	--	80	--	125	71	244	--
				51-09-07	--	--	90	--	108	84	--	259
				51-10-02	--	--	90	--	138	82	343	--
				57-04-26	--	--	80	--	--	--	--	240
				61-02-09	--	--	75	--	54	42	125	--
				61-04-27	--	--	25	--	213	126	641	--
				61-06-01	--	--	25	--	144	76	457	--
				61-06-30	--	--	15	--	151	119	538	--
				61-08-03	--	--	8.0	--	167	145	805	--
				61-08-31	--	--	8.0	--	146	105	515	--
				61-09-29	--	--	40	--	93	50	167	--
				61-11-01	--	--	100	--	93	54	126	--
				62-02-01	--	--	75	--	22	4.5	11	--
				65-02-03	--	--	25	--	89	74	236	--
				65-02-17	--	--	--	--	119	65	177	--
				65-03-02	--	--	--	--	74	58	161	--
				65-03-08	--	--	--	--	65	56	146	--
				65-03-23	--	--	--	--	87	56	157	--
				65-04-07	--	--	--	--	91	72	172	--
				65-04-21	--	--	--	--	121	65	184	--
				65-05-04	--	--	--	--	175	100	333	--
				65-05-19	--	--	--	--	102	59	193	--
				65-06-01	--	--	--	--	76	39	101	--
				65-06-15	--	--	1000	--	32	13	26	--
				65-06-28	--	--	--	--	39	21	38	--
				65-07-07	--	--	--	--	26	12	30	--
				65-07-19	--	--	--	--	81	37	82	--
				65-08-04	--	--	--	--	45	30	66	--
				65-08-17	--	--	--	--	--	--	186	--
				65-08-31	--	--	--	--	--	--	189	--
				65-10-25	--	--	85	--	--	--	147	--
				73-03-07	--	.0	80	--	75	47	100	--
				73-07-25	--	18.0	600	16	76	44	84	--
				73-08-22	--	18.0	200	16	110	61	190	--
				73-09-21	1040	12.0	125	15	120	66	200	--
105	CLYDE CREEK AT MOUTH	40 14 00	111 11 17	73-09-21	1645	17.5	1.5	5.5	60	13	2.9	--
106	STRAWBERRY RIVER ABOVE STRAWBERRY RESERVOIR	40 14 15	111 11 00	73-09-21	1635	15.0	12	4.3	54	16	4.4	--
107	DUCHESNE RIVER ABOVE ROCKY POINT CANAL	40 14 20	110 24 27	73-08-22	1100	17.0	150	6.9	43	15	11	--
108	DRY GULCH CREEK AT STATE HIGHWAY 88	40 14 30	109 51 30									
				41-10-21	--	--	--	15	116	74	252	--
				51-09-07	--	21.0	--	--	142	82	--	295
				51-10-02	1645	17.0	--	--	166	89	372	--
				55-11-08	--	--	--	--	208	114	466	--
				56-02-14	--	--	80	--	138	79	315	--
				57-03-12	--	--	20	--	147	91	278	--
				57-04-11	--	--	30	--	201	121	483	--
				57-05-20	--	--	15	--	189	110	449	--
				57-06-18	--	--	100	--	98	60	146	--
				57-07-10	--	--	50	--	109	64	212	--
				57-07-18	--	--	60	--	158	88	362	--
				57-08-15	--	--	60	--	129	75	247	--
				57-10-07	--	--	50	--	109	64	212	--
				57-10-25	--	--	74	--	--	--	--	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
5.5	182	19	638	120	--	--	--	--	--	1320	--	1790	540	360	4.0	8.6	
6.6	112	9	1060	274	--	--	--	--	--	2210	--	2840	730	620	6.4	8.4	
4.7	169	16	574	106	--	--	--	--	--	1230	--	1610	500	330	3.7	8.5	
.8	60	15	57	10	--	--	--	--	--	183	--	283	110	33	.8	9.0	
1.6	117	6	137	24	--	--	--	--	--	345	--	531	180	78	1.4	8.7	
2.7	189	0	196	58	--	--	--	--	--	557	--	827	280	120	1.9	8.2	
5.9	218	19	675	100	--	--	--	--	--	1400	--	1850	560	350	4.2	8.3	
2.7	198	21	305	60	--	--	--	--	--	774	--	961	--	--	2.5	8.7	
5.1	185	12	245	43	--	--	--	--	--	604	--	882	--	--	2.0	8.6	
1.6	195	10	271	62	--	--	--	--	--	717	--	1030	--	--	2.1	8.3	
2.7	255	0	369	74	--	--	--	--	--	896	--	1140	--	--	2.6	8.2	
8.2	370	0	1030	256	--	--	--	--	--	2320	--	2140	--	--	6.0	8.1	
9.8	330	0	694	152	--	--	--	--	--	1590	--	2100	660	390	4.2	7.8	
7.0	352	0	863	165	--	--	--	--	--	2080	--	2800	780	490	5.6	7.6	
6.3	310	25	874	--	--	--	--	--	--	2000	--	2550	760	470	5.1	8.5	
5.1	334	17	906	259	--	--	--	--	--	2150	--	2850	730	430	6.4	8.4	
6.5	198	0	716	148	--	--	--	--	--	1430	--	1920	540	380	4.8	7.8	
2.0	369	0	802	164	--	--	--	--	--	1830	--	2360	770	460	4.3	8.1	
6.5	234	0	348	63	--	--	--	--	--	817	--	1140	400	200	2.5	7.7	
3.4	266	0	280	39	.00	--	.03	.7	290	--	679	1020	380	160	1.9	8.2	GS
5.8	291	0	520	110	.27	--	.12	.8	460	--	1140	1650	520	280	3.2	8.1	GS
4.5	321	0	570	100	.18	--	.12	.8	450	--	1220	1770	560	300	3.5	8.3	GS
4.7	354	0	764	65	--	--	--	--	--	1580	--	1960	340	53	4.5	7.9	
3.6	288	0	440	34	.02	--	.00	.5	820	--	911	1400	430	200	2.9	8.2	GS
.0	214	--	471	151	--	1.2	--	--	230	1180	1070	1650	500	314	3.5	8.2	SL
.0	126	0	190	56	--	1.9	--	--	140	509	452	731	227	124	1.8	7.8	SL
12	297	0	639	196	--	.80	--	--	410	--	1430	2150	604	360	4.3	--	SU
--	294	0	682	161	--	1.1	--	--	--	--	1440	2070	615	374	4.5	--	GS
3.4	303	0	868	227	--	--	--	--	--	--	1810	2510	684	436	5.7	--	GS
--	289	0	600	178	--	--	--	--	--	--	--	1970	594	357	--	7.8	GS
2.0	143	10	324	79	--	--	--	--	30	771	--	1030	310	170	3.1	8.4	
6.3	366	10	1450	444	--	--	--	--	600	3280	--	4210	1100	730	8.6	--	
6.6	270	14	921	336	--	--	--	--	500	2220	--	2850	670	430	7.7	--	
6.3	226	8	1220	404	--	--	--	--	650	2700	--	3470	870	670	8.0	--	
7.8	161	12	1630	654	--	--	--	--	650	3700	--	4680	1000	860	11	--	
4.3	190	9	1070	450	--	--	--	--	300	2530	--	3440	800	630	7.9	--	
3.9	254	7	410	112	--	--	--	--	350	1060	--	1490	440	220	3.5	--	
3.9	227	7	423	67	--	--	--	--	350	972	--	1320	460	260	2.6	--	
1.2	54	0	42	6.7	--	--	--	--	170	136	--	215	73	29	.6	7.8	
6.6	207	10	652	130	--	--	--	--	--	1450	--	1870	530	340	4.5	8.4	
2.4	336	0	499	110	--	--	--	--	--	1270	--	1660	570	290	3.2	8.1	
4.3	171	11	464	96	--	--	--	--	--	1040	--	1410	420	270	3.4	8.5	
2.7	154	10	430	85	--	--	--	--	--	955	--	1350	390	250	3.2	8.4	
5.5	224	19	425	99	--	--	--	--	--	1050	--	1420	450	230	3.2	8.4	
5.9	236	14	521	102	--	--	--	--	--	1180	--	1550	520	310	3.3	8.5	
5.1	236	11	564	125	--	--	--	--	--	1260	--	1720	570	360	3.4	--	
7.0	367	0	963	199	--	--	--	--	--	2100	--	2630	850	550	5.0	7.4	
6.3	184	20	570	106	--	--	--	--	--	1230	--	1610	500	310	3.8	8.4	
3.1	201	0	318	55	--	--	--	--	--	752	--	1050	350	190	2.4	7.8	
1.6	99	0	86	16	--	--	--	--	--	250	--	373	130	52	1.0	8.2	
2.4	126	4	124	22	--	--	--	--	--	342	--	511	180	73	1.2	8.3	
.8	58	14	82	18	--	--	--	--	--	220	--	347	110	43	1.2	9.0	
4.3	235	0	275	43	--	--	--	--	--	679	--	925	360	160	1.9	7.4	
2.7	134	11	201	33	--	--	--	--	--	480	--	715	240	110	1.9	8.9	
4.7	181	19	541	112	--	--	--	--	--	1200	--	1380	--	--	3.7	8.4	
3.5	237	17	509	118	--	--	--	--	--	1220	--	1420	--	--	3.6	8.5	
4.3	233	10	448	78	--	--	--	--	--	1020	--	1330	--	--	3.0	8.4	
3.2	277	0	310	55	.29	--	.12	--	--	--	739	1110	380	150	2.2	8.0	GS
3.3	267	0	280	39	.00	--	.06	.7	300	--	675	1000	370	150	1.9	8.1	GS
7.0	295	0	550	120	--	--	--	--	--	--	1200	1730	530	280	3.6	8.0	GS
4.5	324	0	620	120	.22	--	.15	.8	430	--	1310	1860	570	310	3.6	8.2	GS
1.1	237	0	5.4	2.4	.02	--	.03	.2	20	--	207	368	200	9	.1	8.3	GS
.8	157	0	60	4.2	.01	--	.03	.2	20	--	221	365	200	72	.1	7.9	GS
1.6	186	0	49	4.4	.09	--	.03	.2	80	--	223	383	170	17	.4	8.3	GS
5.1	270	0	591	194	--	1.9	--	--	420	1480	1380	2040	592	370	4.5	7.9	SL
--	328	0	769	186	--	1.7	--	--	--	--	1640	2290	692	422	4.9	--	GS
4.3	344	0	945	268	--	--	--	--	--	--	2010	2760	782	500	5.8	--	GS
5.1	364	26	1130	351	--	--	--	--	450	2730	--	3510	988	646	6.5	--	
3.5	272	23	788	195	--	--	--	--	320	1870	--	2480	668	406	5.3	--	
4.7	352	0	779	180	--	--	--	--	280	1890	--	2410	743	454	4.4	8.2	
6.5	381	0	1250	318	--	--	--	--	310	2810	--	3540	1000	688	6.6	7.9	
7.0	362	3	1160	282	--	--	--	--	390	2570	--	3280	922	620	6.4	8.2	
6.3	240	17	468	74	--	--	--	--	380	1050	--	1430	491	266	2.8	8.3	
47	227	15	584	128	--	--	--	--	210	--	--	1839	534	322	4.0	8.4	
8.6	321	0	905	247	--	--	--	--	390	2020	--	2720	755	492	5.7	7.6	
5.1	304	8	668	150	--	--	--	--	300	1560	--	2060	629	363	4.3	8.3	
4.7	227	15	584	128	--	--	--	--	210	1360	--	1840	534	327	4.0	8.4	
--	342	0	530	--	--	--	--	--	--	--	--	1680	576	296	6.6	8.1	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
108	DRY GULCH CREEK AT STATE HIGHWAY 88--CONT.	40 14 30	109 51 30	57-11-01	--	--	125	--	117	71	190	--
				58-02-10	--	--	50	--	119	98	257	--
				58-04-18	--	--	30	--	144	86	270	--
				58-05-27	--	--	200	--	75	39	115	--
				58-06-30	--	--	50	--	168	90	360	--
				58-07-28	--	--	32	13	160	90	--	422
				58-09-03	--	--	12	--	182	123	567	--
				58-10-30	--	--	30	--	111	76	292	--
				59-02-02	--	--	50	--	--	--	239	--
				59-04-13	--	--	30	--	91	84	360	--
				59-05-08	--	--	50	--	197	121	592	--
				59-05-29	--	--	--	--	--	--	--	--
				59-07-09	--	--	100	--	134	81	391	--
				59-07-31	--	--	25	--	--	--	--	--
				59-08-28	--	--	30	--	--	--	--	--
				59-09-28	--	--	75	--	116	65	236	--
				59-10-30	--	--	75	--	176	99	513	--
				60-01-27	--	--	50	--	93	71	203	--
				60-04-13	--	--	75	--	161	73	331	--
				60-05-04	--	--	25	--	225	103	557	--
				60-06-01	--	--	40	--	172	81	423	--
				60-06-30	--	--	20	--	163	86	441	--
				60-08-03	--	--	20	--	186	119	655	--
				60-09-15	--	--	25	--	204	137	570	--
				60-10-20	--	--	20	--	101	83	373	--
				60-11-23	--	--	20	--	203	110	411	--
				60-12-22	--	--	20	--	40	74	270	--
				64-04-02	--	--	80	--	166	100	299	--
				64-04-29	--	--	25	--	185	118	501	--
				64-05-18	--	--	20	--	183	125	478	--
				64-06-01	--	--	100	--	116	78	191	--
				64-06-23	--	--	300	--	94	47	127	--
				64-07-07	--	--	80	--	103	71	223	--
				64-08-04	--	--	50	--	149	60	251	--
				64-08-25	--	--	25	--	143	68	288	--
				64-10-02	--	--	50	--	125	64	265	--
				64-10-30	--	--	30	--	157	96	434	--
				65-02-04	--	--	30	--	149	134	405	--
				65-04-29	--	--	50	--	104	109	416	--
				65-05-26	--	--	50	--	69	78	230	--
				65-06-30	--	--	100	--	71	43	91	--
				65-07-29	--	--	50	--	88	56	144	--
				65-08-27	--	--	50	--	--	--	124	--
				65-10-01	--	--	75	--	--	--	104	--
				65-10-25	--	--	60	--	--	--	150	--
				66-01-27	--	--	25	--	364	--	437	--
				66-03-22	--	--	20	--	314	--	294	--
				66-04-28	--	--	15	--	397	--	501	--
				66-05-31	--	--	50	--	132	83	260	--
				66-06-29	--	--	15	--	152	90	332	--
				66-07-28	--	--	20	--	181	90	349	--
				66-08-30	--	--	20	--	176	86	428	--
				66-09-29	--	--	25	--	135	97	340	--
				66-10-26	--	--	25	--	174	91	276	--
				67-01-30	--	--	30	--	196	114	345	--
				67-04-04	--	--	40	--	168	105	356	--
				67-05-02	--	--	25	--	142	81	315	--
				67-06-05	--	--	100	--	101	61	131	--
				67-06-28	--	--	60	--	109	64	176	--
				67-08-03	--	--	40	--	132	70	287	--
				67-08-30	--	--	30	--	122	72	222	--
				67-11-03	--	--	40	--	152	77	257	--
				68-02-01	--	--	15	--	135	109	329	--
				68-05-09	--	--	25	--	162	80	174	--
				68-06-05	--	--	250	--	84	50	137	--
				68-07-05	--	--	35	--	132	81	202	--
				68-08-01	--	--	45	--	152	95	274	--
				68-09-08	--	--	40	--	140	74	214	--
				68-10-02	--	--	45	--	168	90	255	--
				68-11-01	--	--	60	--	182	100	262	--
				69-02-03	--	--	30	--	136	91	251	--
				69-05-06	--	--	70	--	126	88	228	--
				69-06-03	--	--	150	--	180	73	149	--
				69-07-02	--	--	100	--	90	62	178	--
				69-08-04	--	--	60	--	124	75	259	--
				69-09-02	--	--	40	--	167	82	324	--
				69-09-30	--	--	35	--	141	81	272	--
				70-02-02	--	--	40	--	93	115	329	--
				70-04-01	--	--	60	--	107	98	403	--
				71-07-14	--	--	15	--	157	77	281	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
3.9	301	10	576	101	--	--	--	--	200	1360	--	1750	586	332	3.4	8.2	
5.5	254	21	767	160	--	--	--	--	230	1700	--	2230	700	456	4.2	8.4	
3.5	287	18	751	182	--	--	--	--	540	1740	--	2340	710	446	4.4	--	
3.9	164	15	331	70	--	--	--	--	400	810	--	1160	346	186	2.7	8.3	
5.9	302	17	895	263	--	--	--	--	700	2130	--	2840	788	512	5.6	--	
--	375	0	937	286	--	1.3	--	--	--	2170	--	2930	770	462	6.6	8.0	US
5.5	281	14	1270	446	--	--	--	--	900	3030	--	3900	960	707	8.0	8.3	
4.7	248	5	729	184	--	--	--	--	960	1700	--	2280	588	377	5.3	8.5	
--	--	--	--	--	--	--	--	--	--	1440	--	1960	--	--	--	8.2	
5.1	138	15	847	246	--	--	--	--	440	1840	--	2560	671	440	6.5	8.2	
8.5	361	19	1330	406	--	--	--	--	550	3060	--	4040	990	662	8.2	--	
--	--	--	--	--	--	--	--	--	--	2560	--	3429	--	--	--	8.3	
6.6	248	23	853	280	--	--	--	--	550	2000	--	2760	666	424	6.6	8.4	
--	--	--	--	--	--	--	--	--	--	2500	--	3470	--	--	--	--	
--	--	--	--	--	--	--	--	--	--	1940	--	2710	--	--	--	--	
3.9	284	0	623	137	--	--	--	--	310	1370	--	1920	560	320	4.3	8.1	
8.6	338	21	1220	313	--	--	--	--	600	2610	--	3460	850	540	7.7	--	
2.4	239	11	562	124	--	--	--	--	--	1310	--	1770	530	310	3.9	8.5	
3.9	311	6	830	211	--	--	--	--	--	1870	--	2510	700	440	5.4	--	
6.6	385	0	1260	407	--	--	--	--	--	2980	--	3860	990	570	7.7	7.8	
7.0	296	23	980	273	--	--	--	--	--	2250	--	3020	760	480	6.7	8.3	
5.9	322	8	963	317	--	--	--	--	--	2340	--	3140	760	480	7.0	--	
5.5	361	21	1330	475	--	--	--	--	--	3150	--	4230	960	620	9.2	--	
8.6	343	14	1410	385	--	--	--	--	--	3050	--	3890	1100	770	7.6	--	
4.7	148	13	896	239	--	--	--	--	--	1910	--	2540	590	450	6.7	8.3	
4.7	372	19	1120	257	--	--	--	--	--	2420	--	3060	960	620	5.8	--	
2.7	315	15	690	174	--	--	--	--	--	1650	--	2190	410	320	4.6	--	
5.5	350	16	910	158	--	--	--	--	--	1980	--	2470	830	510	4.5	8.3	
9.4	330	0	1290	311	--	--	--	--	--	2720	--	3500	950	680	7.1	8.2	
11	353	0	1270	294	--	--	--	--	--	2580	--	3390	970	580	6.7	7.9	
9.4	262	27	610	99	--	--	--	--	--	1420	--	1790	610	350	3.4	8.6	
4.7	197	21	407	65	--	--	--	--	--	888	--	1200	430	230	2.7	8.7	
7.0	198	14	646	132	--	--	--	--	--	1290	--	1930	550	360	4.1	8.6	
6.6	314	0	703	131	--	--	--	--	--	1520	--	2010	620	360	4.4	7.8	
5.5	209	13	805	168	--	--	--	--	--	1590	--	2120	640	440	5.0	8.4	
4.3	205	16	729	144	--	--	--	--	--	1440	--	2020	540	380	4.8	8.5	
7.8	245	0	1150	244	--	--	--	--	--	2280	--	3030	790	590	6.7	8.1	
11	328	21	1160	218	--	--	--	--	--	2410	--	3020	920	620	5.8	8.3	
7.8	96	9	1100	273	--	--	--	--	--	2250	--	2860	710	620	6.8	8.5	
5.5	109	12	692	126	--	--	--	--	--	1360	--	1770	490	390	4.5	8.6	
3.5	200	15	287	46	--	--	--	--	--	724	--	983	350	170	2.1	8.3	
5.5	231	16	427	79	--	--	--	--	--	992	--	1380	450	230	3.0	8.3	
3.1	181	21	362	64	--	--	--	--	--	837	--	1120	--	--	2.8	8.5	
6.3	179	13	333	56	--	--	--	--	--	732	--	1060	--	--	2.4	8.6	
4.7	165	14	465	77	--	--	--	--	--	997	--	1360	--	--	3.2	8.5	
4.3	260	0	1220	269	--	--	--	--	--	2590	--	3250	--	--	6.3	7.9	
7.0	361	0	845	182	--	--	--	--	--	1900	--	2340	--	--	4.6	7.9	
11	425	0	1280	295	--	--	--	--	--	2810	--	3080	--	--	6.9	8.2	
11	318	0	706	179	--	--	--	--	--	1620	--	2150	670	410	4.4	7.6	
6.6	348	0	860	223	--	--	--	--	--	1960	--	2600	750	470	5.3	7.6	
6.6	--	--	--	--	--	--	--	--	--	2120	--	2760	820	--	5.3	8.0	
6.3	383	0	1010	258	--	--	--	--	--	2310	--	2990	790	480	6.6	7.8	
7.4	270	0	707	196	--	--	--	--	--	1890	--	2440	740	520	5.5	7.8	
6.3	390	0	837	158	--	--	--	--	--	1880	--	2390	810	490	4.2	8.2	
5.1	459	0	1010	193	--	--	--	--	--	2230	--	2730	960	580	4.8	7.9	
5.1	366	0	1310	190	--	--	--	--	--	2170	--	2630	850	550	5.3	7.9	
5.9	345	0	803	187	--	--	--	--	--	1700	--	2100	690	410	5.2	7.9	
5.5	288	0	443	68	--	--	--	--	--	1020	--	1350	500	270	2.5	7.9	
4.3	265	0	526	114	--	--	--	--	--	1160	--	1570	540	320	3.3	7.8	
5.9	311	0	764	140	--	--	--	--	--	1540	--	2040	620	360	5.0	7.8	
5.5	279	26	602	143	--	--	--	--	--	1400	--	1880	600	330	4.0	8.4	
6.5	376	0	731	143	--	--	--	--	--	1680	--	2120	700	390	4.3	8.1	
4.3	297	0	960	186	--	--	--	--	--	2030	--	2310	790	540	5.1	8.2	
6.6	333	0	879	193	--	--	--	--	--	1660	--	2440	730	460	5.3	7.9	
5.5	188	6	419	87	--	--	--	--	--	928	--	1270	420	250	2.9	8.3	
7.4	334	0	663	107	--	--	--	--	--	1420	--	1850	660	390	3.4	7.9	
7.0	334	0	941	86	--	--	--	--	--	1640	--	2190	770	500	4.3	7.7	
6.3	334	0	644	130	--	--	--	--	--	1470	--	1940	650	380	3.6	8.0	
5.1	334	18	819	138	--	--	--	--	--	1760	--	2220	790	490	4.0	8.3	
7.0	405	0	870	146	--	--	--	--	--	1870	--	2350	870	530	3.9	8.2	
4.3	290	0	796	141	--	--	--	--	--	1630	--	2080	710	480	4.1	8.1	
4.3	267	0	752	124	--	--	--	--	--	1470	--	1910	680	460	3.8	8.2	
6.5	314	0	682	83	--	--	--	--	--	1130	--	1520	750	490	2.4	7.9	
3.9	189	10	526	110	--	--	--	--	--	1180	--	1580	480	310	3.5	8.4	
5.5	254	6	735	145	--	--	--	--	--	1590	--	2040	620	400	4.5	8.3	
5.9	368	0	881	179	--	--	--	--	--	1950	--	2510	760	460	5.1	8.2	
3.9	304	0	772	163	--	--	--	--	--	1680	--	2140	690	440	4.5	8.1	
5.9	121	11	995	194	--	--	--	--	--	1980	--	2510	710	590	5.4	8.3	
3.9	119	8	1100	208	--	--	--	--	--	2130	--	2610	670	560	6.8	8.3	
4.3	337	0	805	159	--	--	--	--	--	1770	--	2250	710	430	4.6	7.9	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT³/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
108	DRY GULCH CREEK AT STATE HIGHWAY 88--CONT.	40 14 30	109 51 30	71-08-24	--	--	--	--	132	81	290	--
				71-10-07	--	--	--	--	160	77	332	--
				71-11-17	--	--	--	--	190	120	338	--
				72-04-05	--	--	40	--	234	108	510	--
				72-05-19	--	--	25	--	151	85	334	--
				72-06-29	--	--	6.0	--	150	92	294	--
				72-07-26	--	--	--	--	167	79	338	--
				72-08-23	--	--	--	--	178	92	402	--
				72-09-19	--	--	--	--	156	80	354	--
				72-10-13	--	--	--	--	154	84	303	--
				73-03-07	--	--	30	--	130	97	250	--
				73-04-25	--	--	60	--	122	86	225	--
				73-05-25	--	--	--	--	100	62	163	--
				73-07-11	--	--	50	--	135	67	222	--
				73-07-25	--	18.0	300	19	86	49	95	--
				73-07-26	--	--	250	--	88	49	101	--
				73-08-08	--	--	60	--	124	69	223	--
				73-08-22	--	18.0	145	18	120	65	210	--
				73-09-05	--	--	30	--	115	56	163	--
				73-09-21	1130	12.[illegible]	100	15	130	73	210	--
110	CURRANT CREEK ABOVE WATER HOLLOW	40 14 47	110 57 06	47-05-11	--	--	260	--	50	11	--	3.4
				48-09-29	--	--	13	15	60	23	--	8.7
				49-04-07	--	--	47	8.5	--	--	--	--
				49-09-10	--	--	27	--	47	15	13	--
				49-10-14	--	--	29	--	--	--	--	--
				50-06-04	--	--	254	--	--	--	--	6.6
				50-11-06	--	--	35	17	60	22	--	14
				55-11-03	--	--	24	--	57	22	22	--
				57-07-26	--	--	31	12	55	16	--	13
				57-10-22	--	--	32	--	28	18	16	--
				58-05-07	--	--	260	8.5	46	9.5	--	5.1
				58-08-20	--	--	20	16	56	19	--	23
				73-08-23	1205	15.	20	7.9	59	17	6.9	--
111	UINTA RIVER ABOVE DRY GULCH CREEK	40 15 05	109 51 20	61-02-09	--	--	50	--	37	18	22	--
				61-04-27	--	--	1.0	--	79	50	78	--
				61-06-01	--	--	1.0	--	61	29	75	--
				61-08-31	--	--	5.0	--	29	22	20	--
				61-09-29	--	--	12	--	62	41	47	--
				61-11-01	--	--	1.0	--	99	69	96	--
				62-02-01	--	--	50	--	37	16	17	--
				64-04-02	--	--	15	--	75	91	109	--
				64-04-29	--	--	15	--	140	91	181	--
				64-05-18	--	--	1.0	--	65	47	69	--
				64-06-01	--	--	50	--	92	61	102	--
				64-06-23	--	--	200	--	34	17	25	--
				64-07-07	--	--	2.0	--	65	48	57	--
				64-08-04	--	--	2.0	--	62	34	60	--
				64-08-25	--	--	1.0	--	63	49	89	--
				64-10-02	--	--	1.0	--	97	71	118	--
				64-10-30	--	--	1.0	--	45	80	174	--
				65-02-03	--	--	50	--	49	28	37	--
				65-04-29	--	--	4.0	--	53	68	108	--
				65-05-26	--	--	50	--	60	40	66	--
				65-06-24	--	--	500	--	17	5.6	6.7	--
				65-07-29	--	--	200	--	27	11	13	--
				65-09-27	--	--	40	--	--	--	40	--
				65-10-01	--	--	75	--	--	--	28	--
				65-10-25	--	--	25	--	--	--	89	--
				66-01-27	--	--	50	--	--	--	18	--
				66-03-22	--	--	75	--	--	--	31	--
112	MONTES CREEK AT MOUTH NR FORT DUCHESNE	40 15 10	109 54 56	64-04-02	--	--	2.0	--	125	106	110	--
				64-04-29	--	--	3.0	--	224	138	109	--
				64-05-18	--	--	2.0	--	213	124	137	--
				64-06-01	--	--	30	--	98	83	101	--
				64-06-23	--	--	20	--	63	59	60	--
				64-07-07	--	--	6.0	--	97	61	55	--
				64-08-04	--	--	1.0	--	158	79	75	--
				64-08-25	--	--	1.0	--	154	83	80	--
				64-10-02	--	--	1.0	--	164	97	93	--
				64-10-30	--	--	2.0	--	159	120	118	--
				65-02-03	--	--	5.0	--	52	91	108	--
				65-04-29	--	--	3.0	--	111	130	143	--
				65-05-26	--	--	--	--	57	87	94	--
				65-06-24	--	--	20	--	80	57	54	--
				65-07-29	--	--	15	--	63	48	34	--
				65-09-27	--	--	8.0	--	--	--	58	--
				65-10-01	--	--	7.0	--	--	--	67	--
				65-10-25	--	--	15	--	--	--	55	--
				66-01-27	--	--	5.0	--	--	--	111	--
				66-03-22	--	--	4.0	--	--	--	82	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
3.9	326	0	891	70	--	--	--	--	--	1720	--	2190	690	400	4.9	8.2	
3.9	348	0	744	122	--	--	--	--	--	1650	--	2110	720	430	3.8	8.1	
6.3	443	0	1040	165	--	--	--	--	--	2260	--	2720	970	610	4.7	8.0	
5.5	407	0	1400	305	--	--	--	--	--	2940	--	3580	1000	700	5.9	8.2	
6.9	342	0	797	196	--	--	--	--	--	1850	--	2260	730	450	5.2	7.9	
7.9	316	26	792	189	--	--	--	--	--	1960	--	2420	750	450	4.7	8.3	
4.7	342	16	857	196	--	--	--	--	--	1950	--	2570	740	440	5.4	8.3	
5.5	387	0	1020	241	--	--	--	--	--	2250	--	2950	820	510	6.1	8.0	
9.8	229	26	826	254	--	--	--	--	--	1930	--	2600	720	430	5.9	8.4	
5.1	384	0	817	168	--	--	--	--	--	1840	--	2440	730	420	4.9	8.0	
5.8	468	0	720	130	.43	--	--	.3	--	--	1580	2140	720	340	4.0	8.0	GS
5.5	321	0	701	132	--	--	--	--	--	1530	--	2040	660	400	3.8	8.0	
6.3	231	21	504	90	--	--	--	--	--	1150	--	1580	510	280	3.2	8.3	
6.6	342	0	615	131	--	--	--	--	--	1480	--	2010	610	330	3.9	8.0	
3.6	283	0	330	45	.00	--	--	.0	--	--	768	1130	420	180	2.0	8.1	GS
3.9	276	0	336	49	--	--	--	--	--	830	--	1200	420	200	2.2	8.0	
5.9	343	0	629	133	--	--	--	--	--	1420	--	1930	590	310	4.0	8.2	
2.1	318	0	590	130	.38	--	--	.2	--	--	1290	1880	570	310	3.8	8.0	GS
4.7	261	22	488	85	--	--	--	--	--	1160	--	1570	520	270	3.1	8.5	
5.3	327	0	630	130	.30	--	.15	.0	440	--	1360	1970	630	360	3.7	8.2	GS
--	180	0	16	8.0	--	2.6	--	--	--	--	180	306	170	22	--	--	GS
--	264	13	20	5.0	--	.40	--	--	--	--	273	468	244	10	--	--	GS
--	250	0	19	6.0	--	--	--	--	--	--	--	423	--	--	--	--	GS
3.1	257	0	17	3.9	--	.10	--	--	0	--	226	540	178	0	.4	--	SU
--	286	0	14	5.8	--	--	--	--	--	--	--	461	--	--	--	--	GS
--	205	0	11	2.0	--	--	--	--	--	--	--	332	168	0	--	--	GS
--	288	0	22	8.0	--	.60	--	--	--	--	286	497	240	4	--	--	GS
1.2	267	10	38	6.4	--	--	--	--	60	296	--	493	233	0	.6	8.5	
--	255	0	12	5.4	--	.30	--	--	--	--	239	411	202	0	--	7.4	GS
--	242	0	20	--	--	--	--	--	--	--	--	459	146	0	.6	8.1	GS
--	181	0	12	2.2	--	.20	--	--	--	177	--	302	153	5	--	7.6	GS
--	283	0	29	4.5	--	.40	--	--	--	278	--	473	218	0	.7	8.2	GS
1.2	274	0	11	4.9	.02	--	.03	.1	70	--	243	432	220	0	.2	8.1	GS
1.2	133	6	79	9.2	--	--	--	--	140	256	--	411	170	47	.6	8.4	
2.0	211	16	312	35	--	--	--	--	140	748	--	1030	406	200	1.7	--	
2.4	185	9	208	39	--	--	--	--	100	578	--	856	270	110	2.0	--	
.8	119	0	94	8.9	--	--	--	--	50	260	--	399	150	56	.7	7.6	
2.0	221	11	193	20	--	--	--	--	380	536	--	772	320	120	1.1	--	
2.0	292	12	402	44	--	--	--	--	170	971	--	1270	530	270	1.8	--	
1.2	115	4	82	7.8	--	--	--	--	170	230	--	362	160	57	.6	8.2	
2.7	250	16	442	50	--	--	--	--	--	1010	--	1320	520	290	2.1	8.4	
3.5	456	0	559	89	--	--	--	--	--	1290	--	1790	680	310	3.0	8.1	
2.4	214	10	261	31	--	--	--	--	--	593	--	898	350	160	1.6	8.4	
5.9	285	22	360	47	--	--	--	--	--	864	--	1190	480	210	2.0	8.5	
.8	117	5	85	10	--	--	--	--	--	--	--	393	160	50	.9	8.5	
2.7	223	15	232	27	--	--	--	--	--	585	--	857	360	150	1.3	8.3	
3.1	234	0	191	28	--	--	--	--	--	587	--	772	300	100	1.5	8.0	
3.1	207	14	294	41	--	--	--	--	--	684	--	995	360	170	2.1	8.6	
4.3	262	19	702	181	--	--	--	--	--	1510	--	2150	540	290	6.0	8.5	
2.4	254	53	401	87	--	--	--	--	--	956	--	1410	440	150	3.6	8.4	
1.2	155	12	139	18	--	--	--	--	--	391	--	585	240	90	1.0	8.6	
2.7	198	17	367	53	--	--	--	--	--	843	--	1160	410	220	2.3	8.5	
2.4	214	19	202	32	--	--	--	--	--	573	--	814	320	110	1.5	8.6	
.8	63	0	26	2.1	--	--	--	--	--	108	--	158	56	14	.4	8.0	
1.2	104	0	49	5.0	--	--	--	--	--	172	--	273	110	27	.5	8.0	
1.5	187	2	139	18	--	--	--	--	--	405	--	588	--	--	1.1	8.3	
3.1	131	5	97	12	--	--	--	--	--	266	--	443	--	--	.9	8.5	
2.7	192	10	299	43	--	--	--	--	--	694	--	1000	--	--	2.1	8.6	
1.2	136	2	81	9.6	--	--	--	--	--	265	--	402	--	--	.6	8.3	
1.2	171	0	117	15	--	--	--	--	--	350	--	527	--	--	.9	8.2	
5.5	314	10	633	44	--	--	--	--	--	1340	--	1650	750	430	1.8	8.3	
4.7	273	0	985	55	--	--	--	--	--	1920	--	2150	1100	860	1.4	8.0	
3.5	293	0	991	52	--	--	--	--	--	1800	--	2130	1000	800	1.9	8.0	
11	314	25	454	35	--	--	--	--	--	1070	--	1350	590	290	1.8	8.5	
4.7	257	13	267	20	--	--	--	--	--	671	--	921	400	170	1.3	8.7	
4.3	325	0	307	22	--	--	--	--	--	778	--	1050	490	230	1.1	7.8	
3.9	154	7	683	27	--	--	--	--	--	1210	--	1430	720	590	1.2	8.3	
3.5	175	5	683	26	--	--	--	--	--	1230	--	1440	730	570	1.3	8.4	
3.1	184	0	784	34	--	--	--	--	--	1370	--	1630	810	660	1.4	8.2	
4.3	151	7	917	43	--	--	--	--	--	1630	--	1860	890	750	1.7	8.3	
8.6	197	18	458	58	--	--	--	--	--	989	--	1290	510	310	2.1	8.4	
4.7	109	7	905	58	--	--	--	--	--	1630	--	1870	810	710	2.2	8.4	
5.9	171	25	465	34	--	--	--	--	--	992	--	1250	500	320	1.8	8.7	
2.4	317	0	259	18	--	--	--	--	--	698	--	933	430	170	1.1	8.0	
3.1	279	9	171	12	--	--	--	--	--	513	--	736	360	120	.8	8.5	
3.5	221	16	302	23	--	--	--	--	--	728	--	929	--	--	1.2	8.5	
7.0	135	12	419	27	--	--	--	--	--	821	--	1070	--	--	1.4	8.5	
3.1	161	14	286	20	--	--	--	--	--	576	--	875	--	--	1.3	8.6	
2.7	338	0	713	43	--	--	--	--	--	1470	--	1740	--	--	1.7	7.7	
4.3	330	0	410	34	--	--	--	--	--	960	--	1240	--	--	1.5	8.1	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LAT-I-TUDE	LONG-I-TUDE	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO_2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)
112	MONTES CREEK AT MOUTH NR FORT DUCHESNE--CONT.	40 15 10	109 54 55	66-04-28	--	--	1.0	--	--	--	121	--
				66-05-31	--	--	10	--	89	68	56	--
				66-06-27	--	--	1.0	--	140	65	77	--
				66-07-27	--	--	--	--	111	61	93	--
				66-08-30	--	--	1.0	--	77	66	76	--
				66-09-27	--	--	2.0	--	74	60	82	--
				66-10-25	--	--	2.0	--	121	113	108	--
				67-01-30	--	--	8.0	--	147	97	94	--
				67-04-04	--	--	12	--	131	94	95	--
				67-05-02	--	--	2.0	--	166	107	112	--
				67-06-03	--	--	2.5	--	89	66	53	--
				67-06-28	--	--	25	--	90	54	40	--
				67-08-03	--	--	6.0	--	82	65	54	--
				67-08-30	--	--	4.0	--	123	65	60	--
				67-11-03	--	--	4.0	--	121	75	77	--
				68-02-01	--	--	7.0	--	103	74	65	--
				68-05-09	--	--	3.0	--	134	95	79	--
				68-06-05	--	--	12	--	82	62	49	--
				68-07-05	--	--	12	--	94	65	50	--
				68-08-01	--	--	6.0	--	140	79	63	--
				68-09-08	--	--	4.0	--	136	95	74	--
				68-10-02	--	--	5.0	--	146	89	57	--
				68-11-01	--	--	8.0	--	122	79	68	--
				69-02-03	--	--	6.0	--	102	76	69	--
				69-05-06	--	--	6.0	--	71	68	53	--
				69-06-03	--	--	15	--	60	68	51	--
				69-07-02	--	--	15	--	98	60	49	--
				69-08-04	--	--	4.0	--	163	101	93	--
				69-09-02	--	--	4.0	--	135	72	65	--
				69-10-30	--	--	5.0	--	137	89	74	--
				70-02-02	--	--	3.0	--	60	103	102	--
				71-07-14	--	--	10	--	14	2.4	1.2	--
				71-08-24	--	--	--	--	176	78	401	--
				71-10-07	--	--	--	--	13	2.3	1.6	--
				71-11-17	--	--	--	--	35	11	14	--
				72-04-05	--	--	4.0	--	20	4.5	4.4	--
				72-05-12	--	--	4.0	--	19	3.2	2.1	--
				72-06-29	--	--	3.0	--	16	3.6	2.3	--
				72-08-23	--	--	6.0	--	14	2.4	1.2	--
				72-09-19	--	--	--	--	20	3.4	6.7	--
				72-10-13	--	--	--	--	16	3.6	2.5	--
113	CHICKEN CREEK AT FOREST BOUNDARY NR STRAWBERRY RES	40 15 23	111 08 21	73-09-13	1340	10.[illegible]	E.5	--	--	--	--	--
114	DRAIN AT US HIGHWAY 40 NR ROOSEVELT	40 15 26	110 04 00	72-04-24	1130	13.[illegible]	E1	--	--	--	--	--
				72-06-15	1245	21.[illegible]	--	--	--	--	--	--
				72-08-02	--	15.[illegible]	--	--	--	--	--	--
				72-10-06	0955	9.5	E1	--	--	--	--	--
				72-11-14	--	7.0	--	--	--	--	--	--
				73-06-13	1450	23.5	--	--	--	--	--	--
115	DRAIN AT FORT DUCHESNE	40 15 39	109 51 25	42-04-24	--	--	--	23	288	541	1060	--
116	DRY GULCH CREEK AT US HIGHWAY 40 NR ROOSEVELT	40 16 00	110 02 34	68-10-03	--	--	8.0	--	180	78	205	--
				68-11-08	--	--	10	--	190	80	269	--
				69-02-19	--	--	10	--	89	49	71	--
				69-04-10	--	--	15	--	88	52	84	--
				69-07-10	--	--	5.0	--	212	72	355	--
				69-08-07	--	--	10	--	181	58	187	--
				69-09-11	--	--	6.0	--	220	101	264	--
				69-10-14	--	--	5.0	--	139	66	156	--
				69-11-04	--	--	--	--	183	77	224	--
				70-03-04	--	--	8.0	--	98	53	115	--
				70-04-08	--	--	5.0	--	206	95	362	--
				70-05-18	--	--	10	--	278	112	404	--
				70-07-09	--	--	8.0	--	178	71	313	--
				70-09-03	--	--	3.0	--	273	90	389	--
				71-04-29	--	--	15	--	227	89	285	--
				71-07-14	--	--	12	--	145	52	195	--
				71-08-24	--	--	--	--	176	71	262	--
				71-10-07	--	--	--	--	261	92	440	--
				71-11-17	--	--	--	--	168	102	212	--
				72-04-05	--	--	6.0	--	308	93	419	--
				72-05-12	--	--	10	--	228	81	294	--
				72-06-28	--	--	--	--	170	72	200	--
				72-07-26	--	--	--	--	222	58	262	--
				72-08-23	--	--	--	--	261	89	384	--
				72-09-19	--	--	--	--	240	69	338	--
				72-10-13	--	--	--	--	156	75	359	--
				73-03-07	--	.[illegible]	20	--	87	61	130	--
				73-04-25	--	--	30	--	112	77	207	--
				73-05-25	--	--	10	--	110	54	168	--
				73-07-12	--	--	7.0	--	131	50	154	--
				73-07-25	--	--	20	--	105	53	112	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
4.3	312	0	794	52	--	--	--	--	--	1560	--	1580	--	--	1.8	8.0	
5.1	381	0	274	22	--	--	--	--	--	779	--	1250	500	190	1.1	8.0	
3.9	311	0	435	34	--	--	--	--	--	1030	--	1330	620	360	1.3	7.8	
2.7	321	0	393	45	--	--	--	--	--	952	--	1260	530	270	1.3	8.1	
2.7	313	0	307	38	--	--	--	--	--	813	--	1120	460	210	1.5	8.1	
3.9	--	--	470	27	--	--	--	--	--	916	--	1120	510	--	1.6	8.0	
4.3	325	0	648	46	--	--	--	--	--	1580	--	1840	770	500	1.7	8.0	
3.1	396	0	93	37	--	--	--	--	--	1250	--	1530	770	440	1.5	8.1	
3.9	370	0	545	39	--	--	--	--	--	1230	--	1490	710	410	1.5	8.0	
3.5	325	0	739	48	--	--	--	--	--	1440	--	1700	850	590	1.7	8.1	
4.7	342	0	293	20	--	--	--	--	--	730	--	971	430	210	1.0	8.1	
3.5	332	0	230	15	--	--	--	--	--	644	--	875	450	170	.8	7.9	
3.1	156	16	391	23	--	--	--	--	--	780	--	1000	470	320	1.1	8.4	
3.1	285	0	424	27	--	--	--	--	--	920	--	1170	560	340	1.1	8.0	
3.1	401	0	396	29	--	--	--	--	--	1000	--	1270	610	280	1.4	8.2	
2.7	333	0	380	28	--	--	--	--	--	909	--	1170	560	290	1.2	8.2	
3.5	327	0	565	34	--	--	--	--	--	1130	--	1400	730	460	1.3	8.0	
4.7	273	16	281	20	--	--	--	--	--	713	--	929	460	210	1.0	8.5	
3.5	359	0	284	18	--	--	--	--	--	741	--	992	500	210	1.0	8.1	
3.5	310	0	518	11	--	--	--	--	--	1000	--	1280	680	420	1.0	8.0	
4.3	392	0	512	31	--	--	--	--	--	1150	--	1430	730	410	1.2	8.1	
3.5	350	0	513	26	--	--	--	--	--	1070	--	1320	730	440	.9	8.2	
5.5	370	12	407	27	--	--	--	--	--	959	--	1250	630	310	1.2	8.4	
3.5	341	0	385	29	--	--	--	--	--	888	--	1160	570	290	1.3	8.2	
2.7	301	0	286	22	--	--	--	--	--	824	--	1070	450	210	1.1	8.2	
4.3	266	20	257	19	--	--	--	--	--	656	--	905	430	140	1.1	8.5	
3.5	334	0	290	17	--	--	--	--	--	761	--	999	490	220	1.0	8.0	
3.9	174	0	804	37	--	--	--	--	--	1440	--	1660	820	580	1.4	8.1	
3.1	192	15	546	20	--	--	--	--	--	1050	--	1270	630	450	1.1	8.3	
4.7	257	0	597	30	--	--	--	--	--	1160	--	1410	710	530	1.2	8.1	
8.5	172	21	549	40	--	--	--	--	--	1090	--	1350	570	400	1.8	8.6	
.4	46	0	11	.0	--	--	--	--	--	63	--	99	45	7	.1	7.6	
4.7	354	0	822	174	--	--	--	--	--	1820	--	2370	760	470	4.7	8.0	
.3	41	0	12	.0	--	--	--	--	--	54	--	86	42	8	.1	7.7	
.8	70	0	100	8.5	--	--	--	--	--	214	--	334	130	75	.5	7.9	
.8	59	0	29	1.1	--	--	--	--	70	104	--	153	68	20	.2	8.2	
.4	57	0	18	.4	--	--	--	--	--	86	--	127	61	14	.1	7.5	
.3	56	0	14	.7	--	--	--	--	--	72	--	119	55	9	.1	7.9	
.8	42	0	12	.0	--	--	--	--	--	56	--	99	45	10	.8	7.6	
1.6	70	0	21	3.6	--	--	--	--	--	95	--	165	64	7	.4	8.0	
.8	58	0	14	.7	--	--	--	--	--	67	--	127	55	7	.1	7.8	
--	--	--	--	--	--	--	--	--	--	--	--	370	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	3100	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	1900	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	3000	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	2950	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	2180	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	1880	--	--	--	--	GS
5.5	509	28	3860	546	--	.60	--	--	1860	--	6610	7370	2940	2480	8.5	8.2	GS
3.5	331	24	744	94	--	--	--	--	--	1600	--	2000	770	460	3.2	8.3	
4.3	357	0	881	132	--	--	--	--	--	1980	--	2290	800	510	4.1	8.2	
2.4	287	20	242	43	--	--	--	--	--	681	--	969	420	160	1.5	8.3	
2.7	302	0	329	20	--	--	--	--	--	756	--	1060	430	190	1.8	8.1	
3.5	353	0	988	200	--	--	--	--	--	2090	--	2620	830	540	5.4	8.0	
4.3	267	0	712	101	--	--	--	--	--	1470	--	1850	690	470	3.1	7.8	
4.7	426	0	991	116	--	--	--	--	--	2090	--	2490	970	610	3.7	8.2	
3.9	321	0	577	70	--	--	--	--	--	1300	--	1640	520	360	2.7	8.1	
3.5	373	0	768	114	--	--	--	--	--	1760	--	2170	770	470	3.5	8.0	
2.7	275	0	389	60	--	--	--	--	--	922	--	1220	460	240	2.3	8.0	
5.1	375	0	1120	160	--	--	--	--	--	2260	--	2530	910	600	5.2	7.9	
5.9	437	0	1380	176	--	--	--	--	--	2800	--	2800	1200	800	5.1	7.9	
5.5	350	0	866	165	--	--	--	--	--	1860	--	2330	740	450	5.0	8.1	
3.1	293	0	1360	178	--	--	--	--	--	2610	--	3000	1100	820	5.2	8.0	
5.1	346	0	1040	109	--	--	--	--	--	2060	--	2450	930	650	4.1	8.1	
2.7	315	0	588	100	--	--	--	--	--	1330	--	1720	540	320	3.5	7.9	
3.5	328	25	774	145	--	--	--	--	--	1730	--	2240	730	420	4.2	8.4	
4.3	374	0	1110	162	--	--	--	--	--	2320	--	2830	1000	720	4.6	8.1	
5.5	397	0	785	93	--	--	--	--	--	1700	--	2100	840	510	3.2	8.1	
3.1	356	0	1450	206	--	--	--	--	--	2840	--	3400	1200	860	5.4	8.0	
3.5	381	0	1000	123	--	--	--	--	--	2080	--	2300	900	590	4.3	8.0	
3.5	314	26	726	82	--	--	--	--	--	1570	--	1960	720	420	3.3	8.3	
3.5	254	25	895	135	--	--	--	--	--	1860	--	2320	790	540	4.1	8.3	
3.9	362	0	1230	186	--	--	--	--	--	2510	--	3060	1000	720	5.2	8.2	
5.5	327	0	1030	172	--	--	--	--	--	2190	--	2750	880	620	4.4	7.5	
7.0	373	0	893	188	--	--	--	--	--	1970	--	2630	700	390	5.9	7.9	
3.2	314	0	430	49	.20	--	.03	--	--	--	935	1340	470	210	2.6	7.4	GS
5.1	289	0	610	134	--	--	--	--	--	1390	--	1870	600	360	3.7	8.2	
3.9	292	0	524	70	--	--	--	--	--	1140	--	1560	500	260	3.3	7.9	
3.1	297	0	496	75	--	--	--	--	--	1170	--	1550	530	290	2.9	8.0	
3.5	329	0	382	46	--	--	--	--	--	936	--	1280	480	210	2.2	8.2	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONG-TUDE	DATE OF SAMPLE	TIME	TEMPERA-TURE (DEG C)	DIS-CHARGE (FT³/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)
116	DRY GULCH CREEK AT US HIGHWAY 40 NR ROOSEVELT--CONT.	40 16 00	110 02 34	73-07-25	1400	18.0	45	22	100	52	110	--
				73-03-05	--	--	10	--	113	51	175	--
				73-08-24	--	21.5	40	19	80	39	72	--
				73-09-05	--	--	15	--	100	46	122	--
117	DRY GULCH CREEK BELOW COTTONWOOD CREEK	40 16 18	109 58 19	64-04-02	--	--	75	--	146	97	297	--
				64-04-29	--	--	15	--	258	150	678	--
				64-05-15	--	--	15	--	168	105	492	--
				64-06-01	--	--	70	--	122	89	223	--
				64-06-23	--	--	300	--	126	32	167	--
				64-07-07	--	--	75	--	133	74	238	--
				64-08-04	--	--	50	--	123	56	270	--
				64-08-25	--	--	25	--	136	60	274	--
				64-10-02	--	--	50	--	133	59	264	--
				64-10-30	--	--	30	--	151	96	437	--
				65-02-10	--	--	15	--	84	129	441	--
				69-04-10	--	--	35	--	112	63	137	--
				72-07-26	--	--	2.0	--	108	58	78	--
118	HANCOCK LATERAL (WEST DRAIN) AT US HIGHWAY 40	40 17 02	110 00 39	69-02-19	--	--	4.0	--	206	147	400	--
				69-04-10	--	--	3.0	--	212	210	326	--
				69-07-10	--	--	2.0	--	51	48	174	--
				69-08-07	--	--	8.0	--	64	44	99	--
				69-09-11	--	--	2.0	--	169	142	278	--
				69-10-14	--	--	2.0	--	155	136	274	--
				69-11-04	--	--	1.0	--	177	164	363	--
				70-03-04	--	--	2.0	--	189	236	464	--
				70-04-08	--	--	2.0	--	171	172	439	--
				70-05-08	--	--	2.0	--	117	113	207	--
				70-06-18	--	--	4.0	--	174	141	391	--
				70-07-09	--	--	5.0	--	69	45	96	--
				71-04-29	--	--	3.0	--	175	159	405	--
				71-07-14	--	--	6.0	--	81	57	128	--
				71-08-24	--	--	--	--	106	71	158	--
				71-10-07	--	--	--	--	176	139	297	--
				71-11-17	--	--	--	--	225	283	585	--
				72-04-05	--	--	5.0	--	202	156	487	--
				72-05-12	--	--	5.0	--	144	126	264	--
				72-06-28	--	--	--	--	92	75	174	--
				72-07-26	--	--	--	--	122	77	192	--
				72-08-23	--	--	8.0	--	146	101	211	--
				72-09-19	--	--	--	--	90	108	271	--
				72-10-13	--	--	3.0	--	126	108	206	--
				73-04-25	--	--	3.0	--	204	219	657	--
				73-05-25	--	--	6.0	--	124	131	264	--
				73-07-12	--	--	5.0	--	98	85	152	--
				73-07-12	1200	--	7.0	--	131	50	154	--
				73-08-08	--	--	7.0	--	83	66	105	--
				73-09-05	--	--	3.0	--	114	98	183	--
119	HANCOCK LATERAL (EAST DRAIN) AT US HIGHWAY 40	40 17 04	110 00 35	69-02-20	--	--	1.0	--	194	142	920	--
				69-04-10	--	--	.50	--	176	159	966	--
				69-07-10	--	--	2.0	--	141	123	297	--
				69-08-07	--	--	1.0	--	71	55	198	--
				69-09-11	--	--	4.0	--	106	94	287	--
				69-10-14	--	--	8.0	--	52	32	33	--
				69-11-04	--	--	1.0	--	120	93	320	--
				70-03-04	--	--	1.0	--	120	120	740	--
				70-04-08	--	--	.50	--	156	139	938	--
				70-05-08	--	--	1.0	--	140	124	368	--
				70-06-18	--	--	1.0	--	104	85	363	--
				70-07-09	--	--	.20	--	192	131	952	--
				71-04-29	--	--	.50	--	180	128	694	--
				71-07-14	--	--	4.0	--	34	20	56	--
				71-08-24	--	--	--	--	55	35	180	--
				71-10-07	--	--	--	--	78	54	97	--
				71-11-17	--	--	--	--	158	123	507	--
				72-04-05	--	--	.50	--	146	115	699	--
				72-05-12	--	--	3.0	--	46	28	36	--
				72-06-28	--	--	--	--	71	52	204	--
				72-07-26	--	--	--	--	129	86	589	--
				72-08-23	--	--	.50	--	148	114	828	--
				72-09-19	--	--	--	--	80	105	782	--
				72-10-13	--	--	.50	--	150	104	567	--
				73-04-25	--	--	.20	--	96	122	685	--
				73-05-25	--	--	1.0	--	82	60	297	--
				73-07-12	--	--	.10	--	102	68	324	--
				73-07-25	--	--	3.0	--	62	39	57	--
				73-08-08	--	--	1.0	--	84	58	278	--
				73-09-05	--	--	.50	--	63	46	160	--
120	COTTONWOOD CREEK ABOVE DRY GULCH CREEK	40 17 15	109 58 54	68-11-08	--	--	--	--	134	84	191	--
				69-02-19	--	--	4.0	--	148	111	187	--
				69-04-10	--	--	25	--	110	90	109	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
2.9	332	0	380	42	--	--	--	--	--	--	874	1250	460	190	2.2	8.2	GS
3.1	281	0	511	78	--	--	--	--	--	1150	--	1580	490	260	3.4	8.1	
3.6	236	0	270	30	--	--	--	--	--	--	630	961	360	170	1.7	8.1	GS
3.9	249	28	365	53	--	--	--	--	--	918	--	1260	440	190	2.5	8.5	
5.5	321	21	850	163	--	--	--	--	--	1860	--	2400	760	470	4.7	8.3	
10	462	0	1740	399	--	--	--	--	--	3550	--	4420	1300	880	8.3	8.1	
12	240	20	1230	300	--	--	--	--	--	2500	--	3300	850	620	7.4	8.5	
9.4	234	30	725	119	--	--	--	--	--	1530	--	1980	670	430	3.7	8.6	
5.5	193	23	493	76	--	--	--	--	--	1040	--	1410	450	250	3.5	8.7	
7.4	297	0	690	141	--	--	--	--	--	1440	--	1980	640	390	4.1	7.7	
7.4	198	18	720	136	--	--	--	--	--	1510	--	1970	540	350	5.1	8.5	
5.5	203	13	745	161	--	--	--	--	--	1510	--	2050	590	400	4.9	8.4	
4.3	240	13	707	142	--	--	--	--	--	1490	--	2030	580	360	4.8	8.4	
7.8	264	0	1130	241	--	--	--	--	--	2350	--	3060	770	560	6.8	8.1	
6.6	190	21	1170	216	--	--	--	--	--	2330	--	2940	740	550	7.1	8.5	
3.5	358	0	414	83	--	--	--	--	--	1040	--	1430	540	250	2.6	8.1	
2.7	309	0	370	38	--	--	--	--	--	894	--	1210	510	260	1.5	8.0	
6.3	467	0	1380	128	--	--	--	--	--	2710	--	3110	1100	740	5.0	7.8	
13	453	0	1850	187	--	--	--	--	--	3470	--	3930	1400	1000	6.1	7.8	
5.5	257	0	382	73	--	--	--	--	--	904	--	1310	330	110	4.2	7.7	
3.5	249	0	292	38	--	--	--	--	--	700	--	994	340	140	2.3	7.9	
11	465	0	1050	102	--	--	--	--	--	2230	--	2620	1000	630	3.8	8.0	
9.4	450	0	1000	98	--	--	--	--	--	2090	--	2490	950	580	.4	8.0	
7.4	477	0	1300	124	--	--	--	--	--	2670	--	3040	1100	730	.5	7.8	
11	392	0	1760	190	--	--	--	--	--	3410	--	3500	1400	1100	5.4	7.9	
7.0	363	0	1530	148	--	--	--	--	--	2890	--	3490	1100	840	5.7	8.1	
9.8	358	0	778	83	--	--	--	--	--	1560	--	1980	760	460	3.3	8.2	
13	456	0	1260	135	--	--	--	--	--	2540	--	2870	1000	640	5.3	7.8	
3.9	236	0	317	38	--	--	--	--	--	728	--	1010	360	160	2.2	7.7	
7.3	453	0	1320	144	--	--	--	--	--	2570	--	3060	1100	720	5.3	8.0	
6.3	286	0	421	45	--	--	--	--	--	943	--	1290	440	200	2.6	7.7	
7.4	369	0	505	62	--	--	--	--	--	1150	--	1560	560	250	2.9	8.2	
9.0	484	0	1010	122	--	--	--	--	--	2180	--	2610	1000	620	4.1	8.1	
17	553	0	2270	291	--	--	--	--	--	4460	--	4820	1700	1300	7.2	8.2	
8.6	475	0	1550	160	--	--	--	--	--	3050	--	3570	1100	760	6.3	8.1	
12	434	0	920	104	--	--	--	--	--	1940	--	2200	880	520	3.9	8.0	
10	279	29	538	71	--	--	--	--	--	1210	--	1630	540	260	3.3	8.4	
6.6	333	25	634	66	--	--	--	--	--	1380	--	1800	620	310	3.4	8.4	
7.0	410	0	778	68	--	--	--	--	--	1670	--	2100	780	440	3.3	8.1	
7.4	242	0	922	80	--	--	--	--	--	1720	--	2200	670	470	4.6	8.2	
9.0	430	0	730	83	--	--	--	--	--	1600	--	2040	760	410	3.3	8.0	
12	484	0	2120	244	--	--	--	--	--	4060	--	4670	1400	1000	7.7	8.0	
15	387	0	913	120	--	--	--	--	--	1930	--	2450	850	530	3.9	7.8	
9.4	337	0	557	71	--	--	--	--	--	1240	--	1650	600	320	2.7	8.0	
3.1	297	0	496	75	--	--	--	--	--	1170	--	1550	530	290	2.9	8.0	
7.4	291	0	402	51	--	--	--	--	--	924	--	1280	480	240	2.1	7.9	
8.6	340	24	642	78	--	--	--	--	--	1450	--	1880	690	370	3.0	8.4	
9.8	642	0	1900	411	--	--	--	--	--	3870	--	4920	1100	540	12	7.9	
13	613	0	2030	420	--	--	--	--	--	4170	--	5190	1100	590	13	7.9	
8.6	422	0	982	104	--	--	--	--	--	2080	--	2470	860	510	4.4	7.9	
8.2	281	0	470	87	--	--	--	--	--	1090	--	1510	400	170	4.3	7.7	
13	398	0	725	150	--	--	--	--	--	1810	--	2400	650	330	4.9	7.9	
2.7	226	0	119	19	--	--	--	--	--	393	--	595	260	76	.9	8.1	
7.0	447	0	798	133	--	--	--	--	--	1720	--	2300	680	320	5.3	8.1	
9.4	483	0	1550	289	--	--	--	--	--	3080	--	3740	790	400	11	7.9	
9.0	557	0	1950	375	--	--	--	--	--	3900	--	4950	960	510	13	8.1	
9.8	408	20	1040	152	--	--	--	--	--	2140	--	2670	860	490	5.5	8.3	
9.0	362	0	872	147	--	--	--	--	--	1760	--	2240	610	310	6.4	8.1	
11	616	0	1990	378	--	--	--	--	--	3920	--	4730	1000	510	13	7.9	
6.6	652	0	1480	270	--	--	--	--	--	3170	--	3990	980	440	9.7	8.0	
4.7	132	0	148	25	--	--	--	--	--	373	--	573	170	59	1.9	7.5	
2.7	221	0	379	72	--	--	--	--	--	858	--	1270	280	100	4.7	7.9	
3.1	290	0	303	49	--	--	--	--	--	791	--	1090	420	180	2.1	8.2	
12	608	37	1300	233	--	--	--	--	--	2830	--	3630	900	340	8.8	--	
13	508	0	1440	281	--	--	--	--	--	3070	--	3930	840	420	11	8.3	
2.0	217	0	94	17	--	--	--	--	--	361	--	545	230	52	1.0	8.1	
9.4	343	0	450	85	--	--	--	--	--	1090	--	1570	390	110	4.5	8.1	
5.9	502	0	1190	229	--	--	--	--	--	2530	--	3440	680	270	9.8	7.8	
8.2	594	0	1700	307	--	--	--	--	--	3450	--	4500	840	350	12	8.1	
9.8	432	0	1540	285	--	--	--	--	--	3060	--	4100	630	280	14	8.2	
5.9	628	0	1340	247	--	--	--	--	--	2900	--	3860	800	290	10	7.8	
11	445	0	1420	293	--	--	--	--	--	2970	--	3940	740	380	11	8.2	
5.1	342	0	639	116	--	--	--	--	--	1430	--	2020	450	170	6.1	7.8	
6.6	430	0	701	50	--	--	--	--	--	1600	--	2250	540	180	5.1	8.1	
5.9	260	0	198	29	--	--	--	--	--	573	--	841	320	100	1.5	8.2	
16	364	0	591	112	--	--	--	--	--	1370	--	1950	450	150	5.7	7.6	
7.0	244	27	344	69	--	--	--	--	--	873	--	1260	350	100	3.8	8.6	
5.5	409	0	590	108	--	--	--	--	--	1460	--	1830	640	350	3.2	8.2	
5.1	491	0	621	134	--	--	--	--	--	1500	--	1960	830	420	2.8	8.2	
3.9	384	0	412	71	--	--	--	--	--	1020	--	1390	600	290	1.9	8.1	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)
120	COTTONWOOD CREEK ABOVE DRY GULCH CREEK--CONT.	40 17 15	109 58 54	69-08-07	--	--	3.0	--	112	66	94	--
				69-09-11	--	--	8.0	--	88	49	72	--
				69-10-14	--	--	2.0	--	179	107	143	--
				69-11-04	--	--	10	--	94	83	122	--
				70-03-04	--	--	4.0	--	62	100	123	--
				70-04-08	--	--	5.0	--	103	69	100	--
				70-05-08	--	--	2.0	--	164	107	152	--
				70-06-18	--	--	8.0	--	95	67	90	--
				70-07-09	--	--	4.0	--	132	80	109	--
				70-09-03	--	--	4.0	--	57	32	36	--
				71-04-29	--	--	2.0	--	166	110	155	--
				71-07-14	--	--	2.0	--	165	92	113	--
				71-10-07	--	--	--	--	177	99	118	--
				71-11-17	--	--	--	--	118	104	128	--
				72-04-05	--	--	3.0	--	130	72	91	--
				72-05-12	--	--	.50	--	165	96	130	--
				72-06-29	--	--	2.0	--	131	80	107	--
				72-08-23	--	--	1.5	--	153	90	115	--
				72-09-19	--	--	--	--	119	85	99	--
				72-10-13	--	--	3.0	--	150	100	117	--
121	PICKUP WASH NR ROOSEVELT	40 17 18	109 57 10	67-07-20	--	--	3.0	--	222	159	264	--
121.5	MILL HOLLOW AT STATE ROAD 208	40 17 19	110 41 44	71-08-31	--	--	E.01	--	--	--	--	--
122	LAKE FORK NR PURDY DITCH	40 17 22	110 15 06	65-04-20	--	--	--	--	41	40	32	--
				65-05-18	--	--	30	--	54	47	31	--
				65-06-16	--	--	600	--	14	6.8	4.1	--
				65-07-07	--	--	1400	--	13	2.9	2.5	--
				65-08-03	--	--	400	--	20	12	8.3	--
				65-08-30	--	--	80	--	--	--	13	--
				65-09-27	--	--	150	--	20	10	8.3	--
				65-11-01	--	--	80	--	--	--	9.4	--
				66-01-06	--	--	70	--	--	--	14	--
				66-03-16	--	--	40	--	--	--	30	--
123	SLEEPY HOLLOW AT FOREST ROAD NR STRAWBERRY RES	40 17 22	111 09 56	73-09-13	1200	9.5	E2	--	--	--	--	--
124	BIG SAND WASH AT STATE HIGHWAY 199	40 17 28	110 13 06	56-08-15	--	--	30	--	18	9.6	4.1	--
				56-11-07	--	--	30	--	25	9.0	2.1	--
				57-06-27	--	--	40	--	15	4.5	2.5	--
				57-08-20	--	--	20	--	25	14	6.7	--
				58-04-30	--	--	10	--	43	53	36	--
				58-06-04	--	--	15	--	18	12	5.3	--
				58-07-15	--	--	40	--	12	6.0	2.1	--
				58-09-24	--	--	15	--	31	20	7.6	--
				58-10-25	--	--	7.0	--	42	45	21	--
				59-05-07	--	--	40	--	17	8.2	5.1	--
				59-06-18	--	--	30	--	--	--	--	--
				59-07-27	--	--	26	--	13	8.8	4.1	--
				59-08-20	--	--	--	--	38	20	15	--
				59-09-28	--	--	8.0	--	--	--	--	--
				59-11-10	--	--	10	--	38	32	16	--
				60-04-21	--	--	4.0	--	52	47	27	--
				60-06-01	--	--	20	--	11	7.5	3.0	--
				60-07-12	--	--	20	--	18	11	4.8	--
				60-08-05	--	--	20	--	18	9.2	4.6	--
				60-09-02	--	--	25	--	42	28	15	--
				60-09-29	--	--	8.0	--	40	39	18	--
				60-11-02	--	--	10	--	44	41	23	--
				60-12-12	--	--	--	--	47	34	14	--
				62-04-04	--	--	--	--	52	41	28	--
				62-04-18	--	--	--	--	52	54	32	--
				62-05-02	--	--	--	--	21	10	6.0	--
				62-05-17	--	--	--	--	16	6.7	4.1	--
				62-06-19	--	--	--	--	18	9.7	4.1	--
				62-07-11	--	--	--	--	20	10	6.2	--
				62-08-01	--	--	--	--	25	15	7.1	--
				62-08-16	--	--	--	--	17	9.4	4.6	--
				62-09-01	--	--	--	--	23	12	5.5	--
				62-09-19	--	--	--	--	24	13	6.2	--
				62-10-17	--	--	--	--	44	28	11	--
				62-12-04	--	--	--	--	46	28	14	--
				63-02-06	--	--	--	--	55	51	28	--
				64-04-07	--	--	10	--	58	59	41	--
				64-04-30	--	--	12	--	52	34	19	--
				64-05-13	--	--	40	--	19	4.4	3.4	--
				64-05-29	--	--	50	--	21	7.7	4.6	--
				64-06-10	--	--	40	--	23	11	6.2	--
				64-07-09	--	--	60	--	18	9.0	4.4	--
				64-07-30	--	--	50	--	20	6.1	2.3	--
				64-09-04	--	--	30	--	24	11	4.8	--
				64-10-05	--	--	20	--	26	11	4.3	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO-PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
5.5	345	0	398	44	--	--	--	--	--	971	--	1290	550	270	1.7	7.8	
2.4	231	0	329	37	--	--	--	--	--	759	--	1020	420	230	1.5	8.1	
3.5	494	0	677	65	--	--	--	--	--	1580	--	1900	890	480	2.1	8.0	
3.9	426	0	376	77	--	--	--	--	--	1180	--	1550	580	230	2.2	8.1	
4.3	275	0	553	104	--	--	--	--	--	1220	--	1580	570	340	3.2	8.2	
3.1	324	0	396	60	--	--	--	--	--	956	--	1300	540	280	1.9	7.8	
3.1	437	0	687	78	--	--	--	--	--	1520	--	1640	850	490	2.3	7.8	
5.1	387	0	312	50	--	--	--	--	--	869	--	1180	510	200	1.7	8.0	
4.3	387	0	491	53	--	--	--	--	--	1150	--	1470	660	340	1.9	8.0	
3.1	204	0	152	21	--	--	--	--	--	454	--	651	270	110	.9	8.0	
2.7	475	0	655	84	--	--	--	--	--	1530	--	1900	870	480	2.3	8.1	
2.7	455	0	571	53	--	--	--	--	--	1320	--	1690	790	420	1.8	7.9	
3.1	492	0	584	58	--	--	--	--	--	1410	--	1760	850	450	1.8	8.0	
4.7	476	0	484	70	--	--	--	--	--	1230	--	1610	720	330	2.1	8.2	
2.4	386	0	430	48	--	--	--	--	--	1060	--	1380	620	310	1.6	8.0	
2.0	450	0	598	65	--	--	--	--	--	1420	--	1690	810	440	2.0	8.0	
3.1	418	0	459	49	--	--	--	--	--	1140	--	1510	660	320	1.8	8.1	
3.9	414	0	569	51	--	--	--	--	--	1320	--	1680	750	410	1.8	8.0	
7.5	297	0	532	55	--	--	--	--	--	1170	--	1500	650	400	1.7	8.2	
4.3	471	0	567	57	--	--	--	--	--	1340	--	1740	790	400	1.8	8.0	
13	351	0	1300	110	--	--	--	--	--	2440	--	2810	1200	920	3.3	7.8	
--	--	--	--	--	--	--	--	--	--	--	--	1750	--	--	--	--	GS
2.0	165	10	139	33	--	--	--	--	--	415	--	645	270	120	.9	8.5	
2.0	222	11	151	29	--	--	--	--	--	460	--	691	330	130	.7	8.3	
.8	59	0	20	2.5	--	--	--	--	--	87	--	138	63	15	.2	7.9	
1.2	37	5	11	.7	--	--	--	--	--	69	--	98	44	5	.2	8.7	
1.2	104	0	26	6.0	--	--	--	--	--	145	--	228	99	14	.4	7.8	
1.2	132	3	43	8.9	--	--	--	--	--	200	--	324	--	--	.5	8.4	
1.2	81	4	28	6.4	--	--	--	--	--	107	--	204	91	18	.4	8.5	
1.2	113	0	36	6.7	--	--	--	--	--	151	--	265	--	--	.4	8.2	
1.6	156	0	60	11	--	--	--	--	--	252	--	392	--	--	.5	7.8	
4.3	289	0	77	24	--	--	--	--	--	385	--	662	--	--	.8	7.8	
--	--	--	--	--	--	--	--	--	--	--	--	130	--	--	--	--	GS
.3	97	0	11	3.2	--	--	--	--	50	111	--	193	86	6	.2	8.0	
.3	99	0	23	.0	--	--	--	--	0	132	--	209	100	18	.1	8.2	
.4	63	0	9.1	.0	--	--	--	--	0	69	--	132	55	4	.1	7.5	
1.2	123	5	23	3.2	--	--	--	--	20	160	--	260	121	12	.3	8.5	
1.5	306	18	86	26	--	--	--	--	270	456	--	737	327	47	.9	--	
.8	99	0	22	2.5	--	--	--	--	100	128	--	219	95	14	.2	8.2	
.4	56	0	12	.0	--	--	--	--	20	66	--	119	54	8	.1	7.2	
.8	159	8	28	3.9	--	--	--	--	70	199	--	336	160	18	.3	8.5	
2.4	285	9	68	12	--	--	--	--	400	376	--	587	290	40	.6	8.4	
.4	76	4	16	11	--	--	--	--	120	105	--	177	76	8	.3	8.3	
--	--	--	--	--	--	--	--	--	--	101	--	181	--	--	--	8.3	
.4	76	1	12	12	--	--	--	--	80	85	--	164	69	4	.2	8.2	
3.1	201	0	41	7.4	--	--	--	--	150	269	--	403	140	12	.5	7.7	
--	--	--	--	--	--	--	--	--	--	289	--	428	--	--	--	8.4	
1.2	104	9	142	9.9	--	--	--	--	90	290	--	470	230	130	.5	8.4	
1.2	325	12	64	19	--	--	--	--	--	427	--	668	320	37	.7	8.4	
.8	65	0	10	2.1	--	--	--	--	--	82	--	141	58	5	.2	8.3	
.8	99	0	17	2.8	--	--	--	--	--	107	--	198	90	9	.2	7.7	
.8	91	1	11	3.2	--	--	--	--	--	96	--	185	83	6	.2	8.2	
2.4	213	0	63	9.9	--	--	--	--	--	280	--	461	220	45	.4	8.0	
1.6	235	14	66	12	--	--	--	--	--	313	--	517	260	43	.5	8.5	
1.6	306	19	33	15	--	--	--	--	--	379	--	635	280	1	.6	8.4	
.8	224	17	62	8.9	--	--	--	--	--	290	--	492	260	45	.4	8.5	
2.7	322	7	60	19	--	--	--	--	--	415	--	644	300	23	.7	8.5	
1.2	335	7	92	26	--	--	--	--	--	450	--	708	350	63	.7	8.5	
.8	82	5	25	3.2	--	--	--	--	50	133	--	203	94	18	.3	8.4	
.8	76	0	17	2.1	--	--	--	--	--	93	--	158	68	5	.2	8.5	
1.2	89	0	18	2.1	--	--	--	--	--	94	--	178	85	12	.2	7.4	
.8	104	0	17	2.5	--	--	--	--	--	95	--	205	91	6	.3	8.0	
.8	138	0	21	3.5	--	--	--	--	0	121	--	264	120	11	.3	8.2	
.8	95	0	13	.7	--	--	--	--	0	81	--	183	81	3	.2	8.1	
.8	119	0	18	1.4	--	--	--	--	--	109	--	227	110	9	.2	8.1	
.8	128	0	25	2.5	--	--	--	--	--	110	--	240	110	15	.3	7.8	
.8	237	2	39	7.1	--	--	--	--	0	242	--	458	230	28	.3	--	
1.2	226	8	43	11	--	--	--	--	--	270	--	451	230	32	.4	8.5	
4.3	416	0	35	24	--	--	--	--	270	465	--	708	350	6	.6	8.0	
3.1	369	21	96	31	--	--	--	--	--	532	--	806	390	50	.9	8.6	
1.2	254	13	59	16	--	--	--	--	--	307	--	536	270	43	.5	8.4	
.4	63	2	15	1.8	--	--	--	--	--	81	--	147	66	10	.2	8.3	
.4	80	0	24	2.8	--	--	--	--	--	103	--	174	84	19	.2	7.6	
.4	110	0	23	2.8	--	--	--	--	--	129	--	216	100	12	.3	8.2	
1.8	80	2	23	1.1	--	--	--	--	--	81	--	163	82	13	.2	8.3	
.4	74	3	12	2.8	--	--	--	--	--	110	--	156	75	10	.1	8.3	
.4	103	2	22	2.8	--	--	--	--	--	120	--	204	110	18	.2	8.4	
.4	105	3	25	2.8	--	--	--	--	--	108	--	218	110	19	.2	8.5	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
124	BIG SAND WASH AT STATE HIGHWAY 199--CONT.	40 17 28	110 13 05	64-10-27	--	--	15	--	37	28	11	--
				65-02-02	--	--	1.0	--	78	92	51	--
				65-05-18	--	--	1.0	--	42	85	75	--
				65-07-07	--	--	--	--	33	23	8.5	--
				65-08-03	--	--	--	--	33	22	9.9	--
				65-08-30	--	--	--	--	--	--	5.3	--
				65-09-27	--	--	--	--	--	--	9.9	--
				65-11-01	--	--	--	--	--	--	64	--
				66-01-06	--	--	--	--	--	--	46	--
				66-03-16	--	--	--	--	--	--	43	--
				73-08-23	--	18.0	70	8.9	23	12	13	--
125	WILLOW CREEK AT COUNTY ROAD NR STRAWBERRY RES	40 18 01	111 13 15	73-09-13	1125	10.0	5.0	8.7	81	22	4.5	--
126	LAYOUT CREEK NR MOUTH NR FRUITLAND	40 18 04	111 01 02	56-08-14	--	--	10	--	48	13	2.1	--
				57-06-26	--	--	2.0	--	54	13	3.4	--
				57-08-19	--	--	2.0	--	49	14	5.8	--
127	MONTES CREEK AT US HIGHWAY 40	40 16 08	109 54 00	73-03-07	--	.0	7.0	--	85	75	73	--
				73-08-23	1150	19.5	7.0	32	140	86	68	--
128	COTTONWOOD CREEK AT US HIGHWAY 40	40 18 08	109 59 09	41-06-16	--	--	--	11	62	48	79	--
				73-07-25	1200	18.0	60	17	58	38	42	--
				73-08-23	0800	21.5	60	18	50	32	50	--
				73-09-21	1200	13.5	6.0	17	76	49	61	--
130	RED CREEK AT RESERVOIR OUTLET	40 18 14	110 51 02	73-09-14	1535	13.0	E30	--	--	--	--	--
131	OURAY PARK CANAL AT US HIGHWAY 40 NR GUSHER	40 18 17	109 46 22	73-08-22	--	21.0	20	15	63	48	47	--
132	OURAY VALLEY CANAL AT US HIGHWAY 40 NR GUSHER	40 18 54	109 44 04	73-08-22	0620	18.0	15	5.1	20	7.6	5.3	--
133	TABBY CREEK AT MOUTH ABOVE RED CREEK	40 19 21	110 51 36	73-09-14	--	12.5	E.5	--	--	--	--	--
134	DUCHESNE RIVER AT STATE ROAD 208 NR TABIONA	40 19 30	110 40 24	73-09-07	1350	15.0	94	9.6	70	25	18	--
				73-10-31	1535	9.0	98	9.6	43	24	15	--
135	RED CREEK ABOVE RESERVOIR NR FRUITLAND	40 19 35	110 51 37	73-09-14	--	14.0	E3	--	--	--	--	--
136	DEEP CREEK AT MOUTH NR FORT DUCHESNE	40 19 40	109 51 10	41-04-19	--	--	--	18	44	30	43	--
				57-10-22	--	--	7.0	--	--	--	--	--
				58-07-28	--	--	1.5	14	88	149	--	129
				59-07-09	--	--	1.0	--	110	112	87	--
				59-07-31	--	--	7.0	--	36	60	49	--
				59-08-28	--	--	1.0	--	--	--	--	--
				59-09-28	--	--	1.0	--	140	132	69	--
				59-10-30	--	--	10	--	101	58	44	--
				60-01-27	--	--	5.0	--	119	54	32	--
				60-04-13	--	--	1.5	--	126	129	91	--
				60-05-04	--	--	8.0	--	103	62	49	--
				60-06-01	--	--	1.5	--	114	119	60	--
				60-06-30	--	--	7.0	--	96	62	49	--
				60-08-03	--	--	8.0	--	87	57	46	--
				60-09-15	--	--	2.0	--	135	123	84	--
				60-10-20	--	--	1.5	--	68	126	88	--
				60-11-23	--	--	3.0	--	148	143	92	--
				60-12-22	--	--	1.0	--	121	136	92	--
				73-07-25	--	15.5	13	13	59	41	53	--
				73-08-22	--	16.0	4.0	15	130	130	110	--
137	MOFFIT CANAL AT STATE HIGHWAY 246	40 20 50	109 50 22	73-08-22	0655	17.0	17	27	64	59	29	--
138	MONTES CREEK BELOW RESERVOIR	40 20 54	109 56 05	64-04-02	--	--	7.0	--	87	61	66	--
				64-04-29	--	--	6.0	--	62	41	46	--
				64-05-21	--	--	30	--	68	50	53	--
				64-06-04	--	--	50	--	69	48	58	--
				64-06-26	--	--	25	--	57	32	34	--
				64-07-02	--	--	35	--	60	31	35	--
				64-07-31	--	--	30	--	73	40	44	--
				64-08-27	--	--	50	--	79	46	50	--
				64-09-29	--	--	10	--	110	59	71	--
				64-10-26	--	--	5.0	--	97	68	68	--
				65-02-02	--	--	1.0	--	45	40	39	--
				65-04-29	--	--	.50	--	65	64	60	--
				65-05-24	--	--	15	--	127	97	120	--
				65-06-28	--	--	15	--	81	56	59	--
				65-07-27	--	--	25	--	61	35	32	--
				65-08-26	--	--	40	--	--	--	31	--
				65-09-29	--	--	3.0	--	--	--	46	--
				65-10-25	--	--	1.0	--	--	--	73	--
				66-01-27	--	--	5.0	--	--	--	60	--
				66-03-22	--	--	1.0	--	--	--	58	--
				66-04-28	--	--	8.0	--	--	--	74	--
				66-05-31	--	--	10	--	82	58	56	--
				66-06-27	--	--	--	--	115	55	68	--
				66-07-27	--	--	3.0	--	137	70	79	--
				66-08-29	--	--	.50	--	83	66	72	--
				66-09-27	--	--	.50	--	29	21	18	--
				66-10-26	--	--	8.0	--	80	58	49	--
				67-01-30	--	--	--	--	31	15	12	--
				67-04-04	--	--	5.0	--	84	57	59	--
				67-05-02	--	--	.50	--	29	21	18	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
1.2	195	8	44	9.2	--	--	--	--	--	267	--	418	210	34	.3	8.5	
3.9	242	11	361	103	--	--	--	--	--	940	--	1300	570	360	1.3	8.3	
5.5	150	11	361	77	--	--	--	--	--	812	--	1120	460	310	1.5	8.4	
1.2	159	7	45	4.6	--	--	--	--	--	208	--	335	180	36	.3	8.4	
1.6	176	0	40	7.1	--	--	--	--	--	218	--	348	170	29	.3	8.0	
1.6	131	0	17	2.5	--	--	--	--	--	145	--	249	--	--	.2	7.7	
1.6	200	0	24	8.5	--	--	--	--	--	201	--	357	--	--	.3	8.2	
3.1	245	10	385	57	--	--	--	--	--	886	--	1180	--	--	1.2	8.3	
3.1	286	0	232	43	--	--	--	--	--	651	--	930	--	--	1.0	8.1	
2.7	309	0	203	43	--	--	--	--	--	622	--	943	--	--	.9	8.1	
.9	127	0	17	4.0	.05	--	.00	.2	60	--	142	230	110	3	.5	8.0	GS
.7	140	0	99	2.1	.04	--	.06	.1	--	--	287	528	290	140	.1	8.2	GS
.8	219	0	1.4	3.9	--	--	--	--	--	188	--	351	170	0	.1	7.8	
.8	201	9	11	3.2	--	--	--	--	--	184	--	349	190	8	.1	--	
1.2	203	5	12	3.2	--	--	--	--	--	186	--	349	180	4	.2	8.5	
6.6	482	0	250	30	.17	--	.06	--	--	--	690	1160	520	130	1.4	8.1	GS
6.5	360	3	390	27	--	--	--	--	--	--	1030	1410	700	400	1.1	8.4	GS
.4	204	0	291	45	--	.60	--	--	210	706	637	981	350	184	1.8	8.1	SL
3.1	229	0	180	22	.00	--	.03	.6	240	--	474	735	300	110	1.1	8.2	GS
4.9	193	0	160	27	--	--	--	--	--	--	437	704	260	98	1.4	7.8	GS
3.2	264	0	250	29	.13	--	.12	.8	230	--	617	950	390	180	1.3	8.1	GS
--	--	--	--	--	--	--	--	--	--	--	--	430	--	--	--	--	GS
4.2	310	5	190	20	.03	--	.06	.6	260	--	546	830	360	92	1.1	8.4	GS
1.3	70	0	37	2.2	--	--	--	--	--	--	113	193	81	24	.3	8.0	GS
--	--	--	--	--	--	--	--	--	--	--	--	470	--	--	--	--	GS
1.4	292	0	61	8.7	.37	--	.00	.2	--	--	340	571	280	38	.5	8.1	GS
1.9	277	0	65	8.0	.34	--	.12	.1	60	--	305	565	210	0	.5	8.0	GS
--	--	--	--	--	--	--	--	--	--	--	--	490	--	--	--	--	GS
.0	254	25	58	7.1	--	.60	--	--	140	--	351	575	232	0	1.2	8.2	GS
--	325	0	424	--	--	--	--	--	--	--	--	1220	614	348	--	8.0	GS
--	292	10	753	53	--	.40	--	--	--	1410	--	1780	834	578	1.9	8.4	GS
2.0	341	7	560	37	--	--	--	--	330	1230	--	1580	734	443	1.4	7.9	
.8	206	7	233	15	--	--	--	--	200	532	--	792	340	160	1.2	--	GS
--	--	--	--	--	--	--	--	--	--	1410	--	1730	--	--	--	7.8	GS
1.5	284	0	623	137	--	--	--	--	200	1390	--	1760	890	660	1.0	7.9	GS
4.7	181	15	375	20	--	--	--	--	220	787	--	1035	490	320	.9	8.3	GS
1.6	302	11	294	14	--	--	--	--	--	751	--	1020	520	250	.6	8.3	GS
2.0	335	7	677	38	--	--	--	--	--	1330	--	1690	850	560	1.4	8.0	GS
1.6	410	0	245	21	--	--	--	--	--	736	--	1075	510	180	.9	7.8	GS
3.1	319	4	530	34	--	--	--	--	--	1280	--	1615	780	510	.9	--	GS
1.2	397	0	244	18	--	--	--	--	--	696	--	1030	500	170	1.0	7.6	GS
1.2	364	0	220	19	--	--	--	--	--	644	--	967	450	150	.9	7.4	GS
1.6	373	22	610	38	--	--	--	--	--	1340	--	1670	840	500	1.3	--	GS
1.6	158	13	638	41	--	--	--	--	--	1240	--	1500	690	540	1.5	8.4	GS
1.6	377	20	715	43	--	--	--	--	--	1450	--	1760	960	620	1.3	--	GS
1.6	318	20	681	43	--	--	--	--	--	1420	--	1730	860	570	1.4	8.0	
3.3	242	0	200	22	.43	--	.12	.3	160	--	513	810	320	120	1.3	7.7	GS
3.1	396	0	700	49	--	--	--	--	--	--	1330	1780	860	540	1.6	8.1	GS
5.9	382	0	120	14	--	--	--	--	--	--	507	816	400	89	.6	8.1	GS
2.7	246	7	354	23	--	--	--	--	--	819	--	1070	470	250	1.3	8.3	
2.0	160	17	232	18	--	--	--	--	--	560	--	754	320	160	1.1	8.7	
2.4	162	15	296	18	--	--	--	--	--	619	--	869	380	220	1.2	8.6	
5.1	220	0	284	18	--	--	--	--	--	648	--	898	370	190	1.3	7.6	
2.4	184	0	181	9.2	--	--	--	--	--	444	--	632	270	120	.9	7.8	
2.7	184	0	179	12	--	--	--	--	--	448	--	644	280	120	.9	8.0	
3.1	215	0	244	13	--	--	--	--	--	595	--	787	350	170	1.0	7.7	
3.1	229	0	276	15	--	--	--	--	--	649	--	854	390	200	1.1	8.1	
3.5	220	22	411	22	--	--	--	--	--	868	--	1120	520	300	1.4	8.7	
3.1	175	45	410	21	--	--	--	--	--	868	--	1090	520	300	1.3	8.5	
2.4	162	19	171	15	--	--	--	--	--	479	--	669	280	110	1.0	8.4	
2.0	218	7	320	25	--	--	--	--	--	710	--	964	430	230	1.3	8.3	
5.1	340	0	625	38	--	--	--	--	--	1340	--	1610	720	440	2.0	7.8	
2.4	211	19	317	20	--	--	--	--	--	751	--	956	430	230	1.2	8.6	
1.6	174	6	190	12	--	--	--	--	--	474	--	650	300	140	.8	8.5	
2.0	177	7	173	12	--	--	--	--	--	456	--	625	--	--	.8	8.5	
5.9	175	14	232	18	--	--	--	--	--	556	--	778	--	--	1.1	8.5	
4.3	173	14	412	28	--	--	--	--	--	841	--	1090	--	--	1.5	8.5	
2.4	205	8	341	26	--	--	--	--	--	756	--	1010	--	--	1.3	8.3	
2.4	279	0	324	24	--	--	--	--	--	774	--	1020	--	--	1.2	8.1	
3.1	293	21	396	28	--	--	--	--	--	935	--	1120	--	--	1.4	8.3	
3.9	264	0	306	23	--	--	--	--	--	738	--	985	440	230	1.2	7.8	
3.1	323	0	345	28	--	--	--	--	--	871	--	1150	510	250	1.3	7.3	
4.7	75	0	374	41	--	--	--	--	--	1040	--	1350	630	570	1.4	7.7	
3.5	273	0	358	29	--	--	--	--	--	878	--	1140	480	260	1.4	7.8	
1.2	77	3	118	6.7	--	--	--	--	--	251	--	362	160	90	.6	8.6	
2.4	270	6	285	17	--	--	--	--	--	685	--	921	440	210	1.0	8.3	
1.2	111	0	67	4.6	--	--	--	--	--	194	--	323	140	48	.4	7.6	
3.1	321	0	272	21	--	--	--	--	--	723	--	963	440	180	1.2	7.9	
1.2	77	3	118	6.7	--	--	--	--	--	251	--	362	160	90	.6	8.6	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATITUDE	LONGITUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT³/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
138	MONTES CREEK BELOW RESERVOIR--CONT.	40 20 54	109 56 05	67-05-31	--	--	2.5	--	53	39	34	--
				67-06-28	--	--	20	--	82	48	40	--
				67-08-03	--	--	--	--	67	38	29	--
				67-08-30	--	--	30	--	79	47	42	--
				67-11-03	--	--	20	--	125	80	80	--
				68-02-01	--	--	5.0	--	44	27	23	--
				73-08-22	0900	20.0	.20	28	81	55	45	--
139	MONTES CREEK ABOVE RESERVOIR	40 21 09	109 57 10	73-08-22	0945	18.0	10	27	98	62	63	--
140	DUCHESNE RIVER AT TABIONA	40 21 12	110 42 47	46-07-31	--	--	88	--	54	21	--	11
				73-08-22	0945	13.[illegible]	80	8.6	51	16	5.4	--
				73-09-07	1235	13.0	49	9.0	63	21	6.8	--
				73-10-31	1515	8.[illegible]	69	9.1	60	20	7.2	--
141	LAKE FORK RIVER AT STATE HIGHWAY 87 NR ALTAMONT	40 21 27	110 18 46	73-08-22	1245	16.0	130	4.6	14	3.3	.8	--
142	UNION IRRIGATION CO. DITCH NR VERNAL	40 21 28	109 23 35	60-11-04	--	--	E4	10	293	172	263	--
143	BIG SAND WASH AT STATE HIGHWAY 199 NR ALTAMONT	40 21 34	110 15 06	73-08-23	0845	14.[illegible]	8.0	42	70	44	11	--
144	COTTONWOOD CREEK NR CEDARVIEW	40 21 36	110 03 12	65-04-21	--	--	--	--	22	25	65	--
				65-05-17	--	--	--	--	81	95	204	--
				65-06-16	--	--	20	--	47	31	63	--
				65-07-06	--	--	10	--	28	20	34	--
				65-08-04	--	--	12	--	28	19	32	--
				65-08-31	--	--	4.0	--	--	--	59	--
				65-09-28	--	--	6.0	--	--	--	37	--
				65-11-01	--	--	6.0	--	--	--	48	--
				66-01-06	--	--	5.0	--	--	--	186	--
				66-03-14	--	--	8.0	--	--	--	114	--
				67-02-06	--	--	8.0	--	72	161	178	--
				67-03-01	--	--	10	--	127	69	209	--
				67-04-06	--	--	4.0	--	98	113	203	--
				67-05-16	--	--	6.0	--	46	35	57	--
				67-06-13	--	--	15	--	61	62	107	--
				68-02-09	--	--	4.0	--	100	108	196	--
				68-03-27	--	--	5.0	--	96	97	179	--
				68-08-28	--	--	4.0	--	61	60	102	--
				68-10-03	--	--	3.0	--	152	182	285	--
				69-02-19	--	--	4.0	--	150	80	187	--
145	DITCH-COMPOSITE DISCHARGE FROM ASHLEY VALLEY OIL FIELD	40 21 34	109 24 14	59-11-03	--	--	E3	17	208	65	279	--
146	DEEP CREEK AT PARK CANAL CROSSING	40 22 06	109 49 32	58-04-18	--	--	10	--	121	81	61	--
				58-05-27	--	--	15	--	59	46	34	--
				58-06-30	--	--	1.0	--	67	113	93	--
				58-09-03	--	--	10	--	61	60	49	--
				58-10-30	--	--	1.5	--	76	117	92	--
				59-02-02	--	--	10	--	80	68	40	--
				59-04-13	--	--	1.0	--	68	113	88	--
				59-05-08	--	--	8.0	--	63	63	50	--
				59-05-29	--	--	1.0	--	--	--	--	--
147	RED CREEK AT MINE NR FRUITLAND	40 22 18	110 52 28	73-09-14	--	16.[illegible]	E3	--	--	--	--	--
148	IRRIGATION DITCH BELOW ASHLEY VALLEY OIL WELLS	40 22 28	109 25 18	60-11-04	--	--	E1	18	128	31	117	--
149	UINTA RIVER AT PARK CANAL NR LAPOINT	40 23 06	109 51 31	58-04-18	--	--	15	--	45	18	16	--
				58-05-27	--	--	800	--	10	1.8	1.8	--
				58-06-30	--	--	335	--	18	6.9	8.7	--
				58-09-03	--	--	20	--	27	7.7	5.5	--
				58-10-30	--	--	10	--	39	22	17	--
				59-02-02	--	--	25	--	43	13	12	--
				59-04-13	--	--	5.0	--	42	27	34	--
				59-05-08	--	--	10	--	35	11	4.6	--
				59-05-29	--	--	25	--	--	--	--	--
				59-07-09	--	--	30	--	8.6	3.9	1.6	--
				59-07-31	--	--	15	--	13	4.0	1.2	--
				59-08-28	--	--	100	--	--	--	--	--
				59-09-28	--	--	20	--	16	5.2	1.8	--
				59-10-30	--	--	50	--	27	9.5	3.4	--
				60-01-27	--	--	5.0	--	23	6.6	2.3	--
				60-04-13	--	--	10	--	34	9.8	3.7	--
				60-05-04	--	--	10	--	34	9.2	3.9	--
				60-06-01	--	--	70	--	7.8	2.3	.5	--
				60-06-30	--	--	15	--	13	3.8	1.2	--
				60-08-03	--	--	10	--	20	3.2	1.4	--
				60-09-15	--	--	25	--	19	4.9	1.8	--
				60-10-20	--	--	10	--	42	13	3.9	--
				60-11-23	--	--	12	--	48	14	5.3	--
				60-12-22	--	--	25	--	22	5.6	2.3	--
				63-06-05	--	--	15	--	25	7.5	12	--
				63-06-20	--	--	100	--	16	5.6	6.7	--
				63-07-03	--	--	50	--	19	6.4	9.7	--
				63-07-29	--	--	50	--	14	3.6	2.5	--
				63-09-04	--	--	25	--	19	4.6	2.3	--
				63-10-30	--	--	10	--	21	4.1	2.3	--
				63-11-07	--	--	12	--	49	15	4.6	--
				64-01-28	--	--	30	--	16	4.3	1.8	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
4.3	206	0	181	12	--	--	--	--	--	467	--	635	290	120	.9	8.0	
2.8	267	0	245	14	--	--	--	--	--	613	--	823	400	180	.9	7.9	
2.8	230	0	195	8.9	--	--	--	--	--	478	--	699	320	140	.8	8.0	
3.1	230	13	246	15	--	--	--	--	--	610	--	816	390	180	.9	8.3	
3.5	322	13	--	21	--	--	--	--	--	1090	--	1330	640	350	1.4	8.3	
1.2	143	0	139	7.1	--	--	--	--	--	358	--	502	220	100	.7	7.9	
3.0	313	0	220	18	.13	--	.06	1.0	310	--	606	932	430	170	.9	7.8	65
4.4	280	0	360	23	.05	--	.03	1.0	360	--	777	1100	560	270	1.2	8.0	65
--	215	--	58	5.0	--	1.2	--	--	--	256	--	434	221	45	--	--	65
1.3	194	0	50	3.8	.11	--	.03	.2	60	--	233	396	190	34	.2	8.1	65
1.1	230	0	54	6.4	.15	--	.00	.2	--	--	276	466	240	55	.2	8.3	65
1.0	212	4	59	7.1	.16	--	.09	.1	40	--	273	461	230	52	.2	8.4	65
.5	55	0	6.0	.6	.03	--	.00	.1	20	--	57	99	49	3	.1	7.8	65
9.3	322	0	1590	72	--	19	--	--	570	2770	2590	2940	1440	1170	3.0	8.0	65
1.6	415	0	32	7.8	.17	--	.09	1.2	130	--	415	659	360	15	.3	8.3	65
7.4	95	8	167	38	--	--	--	--	--	386	--	618	160	66	2.3	9.0	
15	264	30	610	111	--	--	--	--	--	1370	--	1840	590	130	3.6	8.3	
4.7	229	0	159	26	--	--	--	--	--	453	--	707	250	57	1.8	7.5	
.8	143	0	84	15	--	--	--	--	--	268	--	428	150	35	1.2	8.1	
2.0	140	0	82	13	--	--	--	--	--	264	--	410	150	33	1.1	7.5	
3.5	164	10	173	34	--	--	--	--	--	472	--	700	--	--	1.6	8.5	
3.5	143	0	92	19	--	--	--	--	--	264	--	455	--	--	1.3	7.8	
2.7	165	5	123	23	--	--	--	--	--	361	--	566	--	--	1.5	8.3	
5.5	516	0	506	98	--	--	--	--	--	1360	--	1810	--	--	3.1	7.5	
8.6	335	0	378	61	--	--	--	--	--	888	--	1280	--	--	2.2	7.8	
5.1	362	24	508	87	--	--	--	--	--	1210	--	1600	600	260	3.2	8.3	
9.4	440	18	517	98	--	--	--	--	--	1380	--	1830	600	210	3.7	8.3	
6.6	472	0	606	99	--	--	--	--	--	1380	--	1790	710	320	3.3	8.2	
2.4	189	0	188	8.9	--	--	--	--	--	462	--	650	260	100	1.6	8.1	
5.9	301	0	319	48	--	--	--	--	--	756	--	1070	410	150	2.3	8.0	
5.1	128	0	541	94	--	--	--	--	--	1370	--	1720	700	590	4.4	8.1	
5.9	451	0	517	90	--	--	--	--	--	1240	--	1610	640	270	3.1	8.2	
5.5	244	19	297	61	--	--	--	--	--	755	--	1080	400	170	2.2	8.3	
13	486	45	1050	145	--	--	--	--	--	2170	--	2640	1100	650	3.7	8.4	
5.1	498	13	475	138	--	--	--	--	--	1340	--	1810	700	270	3.1	8.4	
--	249	0	877	190	--	8.3	--	--	--	--	1770	2350	784	580	4.3	7.8	65
2.3	379	11	391	26	--	--	--	--	380	991	--	1300	536	308	1.1	--	
2.7	144	13	237	20	--	--	--	--	300	550	--	753	336	197	.8	8.5	
2.0	188	14	592	31	--	--	--	--	470	1130	--	1410	632	445	1.6	8.3	
.8	263	8	244	15	--	--	--	--	230	610	--	893	398	168	1.1	--	
1.6	232	14	588	33	--	--	--	--	350	--	--	1444	668	455	1.6	8.3	
2.3	135	9	402	16	--	--	--	--	20	766	--	995	478	352	.8	--	
3.1	196	17	572	32	--	--	--	--	270	1120	--	1410	634	445	1.5	8.2	
2.7	260	15	255	19	--	--	--	--	200	642	--	916	418	180	1.1	--	
--	--	--	--	--	--	--	--	--	--	1190	--	1530	--	--	--	8.0	
--	--	--	--	--	--	--	--	--	--	--	--	490	--	--	--	--	65
23	256	0	441	72	--	.00	--	--	260	950	956	1340	446	236	2.4	7.7	65
1.2	203	0	45	7.8	--	--	--	--	40	252	--	425	190	20	.5	7.2	
1.2	35	0	8.6	.4	--	--	--	--	80	58	--	83	32	4	.1	6.9	
2.0	80	0	17	2.1	--	--	--	--	100	117	--	192	73	8	.5	8.2	
1.8	115	3	11	.7	--	--	--	--	10	126	--	227	99	0	.2	8.4	
1.6	198	7	41	6.4	--	--	--	--	20	265	--	417	190	15	.6	8.5	
1.2	148	10	45	3.2	--	--	--	--	0	212	--	346	160	23	.4	8.4	
2.7	212	10	81	12	--	--	--	--	160	330	--	530	220	26	1.0	8.3	
1.6	145	0	21	2.1	--	--	--	--	20	153	--	276	130	14	.2	7.9	
--	--	--	--	--	--	--	--	--	--	65	--	97	--	--	--	8.0	
1.6	43	0	7.7	.0	--	--	--	--	20	68	--	89	38	2	.1	7.7	
.8	62	0	.5	.4	--	--	--	--	40	88	--	114	49	0	.1	8.1	
--	--	--	--	--	--	--	--	--	--	79	--	86	--	--	--	7.7	
.8	70	0	7.7	.0	--	--	--	--	80	99	--	139	61	4	.1	7.5	
2.4	107	0	22	4.6	--	--	--	--	--	135	--	233	110	19	.1	7.6	
.8	87	0	18	1.1	--	--	--	--	--	95	--	183	85	13	.1	8.2	
.8	126	2	23	2.1	--	--	--	--	--	136	--	259	130	18	.1	--	
1.2	131	0	22	2.1	--	--	--	--	--	149	--	250	120	15	.2	7.8	
.4	31	0	4.8	.0	--	--	--	--	--	46	--	66	29	4	.0	8.1	
.4	54	0	3.8	.0	--	--	--	--	--	59	--	112	48	1	.1	7.6	
.8	75	0	4.3	.0	--	--	--	--	--	75	--	138	63	2	.1	7.6	
.4	83	0	1.9	.7	--	--	--	--	--	75	--	149	68	0	.1	8.1	
.3	165	0	29	1.8	--	--	--	--	--	168	--	300	160	23	.1	7.9	
1.2	196	0	24	3.6	--	--	--	--	--	206	--	355	180	17	.2	7.7	
.8	81	0	16	.4	--	--	--	--	--	95	--	165	79	12	.1	8.0	
.3	90	0	31	6.4	--	--	--	--	--	147	--	223	93	19	.5	8.0	
.8	74	0	12	4.3	--	--	--	--	0	116	--	167	63	2	.4	7.5	
1.2	84	0	23	3.6	--	--	--	--	--	109	--	193	74	5	.5	7.8	
.4	58	0	7.7	.7	--	--	--	--	--	69	--	112	50	2	.2	8.0	
.4	72	0	12	1.1	--	--	--	--	--	84	--	133	66	7	.1	8.0	
.4	77	0	9.6	2.1	--	--	--	--	--	81	--	139	69	6	.1	8.1	
1.2	196	10	13	4.3	--	--	--	--	--	222	--	361	180	7	.1	8.3	
.8	62	0	11	.7	--	--	--	--	--	80	--	127	58	7	.1	8.1	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
149	UINTA RIVER AT PARK CANAL NR LAPOINT--CONT.	40 23 06	109 51 31	64-04-02	--	--	20	--	38	11	4.6	--
				64-04-29	--	--	8.0	--	39	9.2	4.1	--
				64-05-15	--	--	10	--	25	7.3	3.2	--
				64-06-04	--	--	100	--	9.6	2.1	1.4	--
				64-06-26	--	--	250	--	7.8	1.7	1.2	--
				64-07-09	--	--	20	--	11	2.4	1.8	--
				64-08-03	--	--	12	--	13	3.3	2.3	--
				64-08-31	--	--	--	--	28	3.4	3.0	--
				64-10-05	--	--	10	--	21	2.8	2.3	--
				64-10-27	--	--	10	--	43	15	4.6	--
				65-02-03	--	--	30	--	20	6.1	2.5	--
				65-11-01	--	--	15	--	--	--	4.6	--
				66-01-27	--	--	50	--	--	--	2.3	--
				66-03-22	--	--	15	--	--	--	2.5	--
				66-04-28	--	--	15	--	--	--	3.2	--
				66-06-01	--	--	15	--	15	3.4	1.4	--
				66-06-29	--	--	25	--	17	2.1	1.6	--
				66-07-27	--	--	10	--	22	2.1	1.6	--
				66-08-30	--	--	6.0	--	22	5.2	2.1	--
				66-09-28	--	--	15	--	10	2.7	.5	--
				66-10-26	--	--	15	--	45	14	3.9	--
				67-01-30	--	--	25	--	17	4.7	1.6	--
				67-04-04	--	--	35	--	35	9.7	4.1	--
				67-05-03	--	--	3.0	--	67	14	--	--
				67-06-01	--	--	300	--	11	2.8	.7	--
				67-06-28	--	--	800	--	6.8	1.3	.5	--
				67-08-03	--	--	35	--	15	3.8	1.8	--
				67-08-30	--	--	55	--	15	3.8	1.8	--
				67-11-03	--	--	40	--	34	9.4	3.2	--
				68-02-01	--	--	40	--	18	6.1	1.6	--
150	DUCHESNE RIVER AT BEDROCK GAP NR HANNA	40 23 33	110 45 08	73-09-07	1140	12.5	79	9.2	61	20	6.7	--
				73-10-31	1330	8.5	58	9.1	60	20	7.6	--
151	WEST CHANNEL UINTA RIVER AT STATE HIGHWAY 121 NR WHITEROCKS	40 23 53	109 54 56	73-07-25	--	19.0	2.0	5.6	22	5.7	1.8	--
				73-08-22	--	20.0	3.0	14	22	13	3.8	--
152	WATER HOLLOW 4.5 MI EAST OF ALTONAH	40 23 59	110 13 11	61-04-04	--	--	3.0	--	62	21	69	--
				62-04-04	--	--	15	--	53	14	55	--
				62-05-02	--	--	1.0	--	37	10	32	--
				62-05-17	--	--	1.5	--	48	12	38	--
				62-06-19	--	--	2.0	--	47	11	32	--
				62-07-11	--	--	2.0	--	50	9.8	25	--
				62-08-01	--	--	2.5	--	44	11	25	--
				62-08-16	--	--	1.0	--	48	10	25	--
				62-09-06	--	--	.50	--	44	12	29	--
				62-12-04	--	--	.10	--	52	22	60	--
				63-02-06	--	--	3.0	--	71	24	51	--
153	LAKE FORK AT CANAL AT U(C-1-4)9	40 24 07	110 20 37	58-04-30	--	--	30	--	23	6.3	1.4	--
				58-06-04	--	--	200	--	5.6	2.0	.2	--
				58-06-15	--	--	90	--	6.8	2.4	.2	--
				58-09-24	--	--	10	--	8.0	17	3.9	--
				58-11-25	--	--	10	--	25	7.4	2.3	--
				59-05-07	--	--	110	--	8.6	4.0	1.2	--
				59-06-18	--	--	100	--	--	--	--	--
				59-07-27	--	--	65	--	6.0	1.2	1.2	--
				59-08-20	--	--	--	--	11	2.9	.9	--
				59-11-10	--	--	60	--	18	6.2	1.6	--
				60-04-21	--	--	4.0	--	30	9.7	4.1	--
				60-06-01	--	--	40	--	7.0	2.3	.9	--
				60-07-12	--	--	70	--	6.4	1.5	.7	--
				60-08-05	--	--	60	--	6.8	1.8	.7	--
				60-09-02	--	--	150	--	17	8.0	1.4	--
				60-09-29	--	--	50	--	20	5.6	2.5	--
				60-11-02	--	--	40	--	22	4.4	1.8	--
				60-12-12	--	--	--	--	23	6.3	1.6	--
				62-04-04	--	--	50	--	25	7.7	3.0	--
				62-04-18	--	--	150	--	18	5.4	2.5	--
				62-05-17	--	--	400	--	8.3	1.7	1.4	--
				62-05-29	--	--	120	--	9.0	2.8	.7	--
				62-06-19	--	--	500	--	6.2	1.1	.7	--
				62-07-11	--	--	300	--	7.6	2.1	1.4	--
				62-08-01	--	--	250	--	6.8	2.6	2.1	--
				62-08-16	--	--	250	--	7.4	1.7	2.5	--
				62-09-06	--	--	200	--	8.8	1.7	2.1	--
				62-09-19	--	--	200	--	8.8	2.2	1.2	--
				62-10-17	--	--	50	--	18	5.4	1.6	--
				62-12-04	--	--	30	--	26	1.0	1.6	--
				63-02-06	--	--	--	--	24	8.5	2.5	--
				64-04-07	--	--	50	--	50	13	3.0	--
				64-04-30	--	--	30	--	23	5.0	2.3	--
				64-05-13	--	--	150	--	9.8	2.7	1.6	--
				64-05-28	--	--	400	--	8.0	1.8	.9	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
1.6	136	8	24	1.4	--	--	--	--	--	176	--	278	140	16	.2	8.5	
1.2	128	9	22	3.2	--	--	--	--	--	136	--	262	140	16	.2	8.6	
.8	87	3	23	.7	--	--	--	--	--	74	--	184	92	16	.1	8.4	
.4	34	0	7.7	.0	--	--	--	--	--	63	--	76	33	5	.1	7.3	
.0	30	0	3.8	.4	--	--	--	--	--	52	--	61	26	2	.1	7.8	
.8	45	0	4.8	.7	--	--	--	--	--	40	--	83	37	0	.1	8.2	
.4	51	0	8.2	1.1	--	--	--	--	--	84	--	96	46	4	.1	8.1	
.8	86	2	16	.7	--	--	--	--	--	88	--	167	84	9	.1	8.3	
.4	55	4	14	1.8	--	--	--	--	--	69	--	131	64	12	.1	8.8	
1.2	179	9	18	2.1	--	--	--	--	--	215	--	327	170	7	.2	8.5	
.4	76	1	16	1.1	--	--	--	--	--	87	--	152	75	11	.1	8.4	
1.2	165	7	20	2.5	--	--	--	--	--	152	--	294	--	--	.2	8.6	
.8	82	0	12	1.4	--	--	--	--	--	98	--	166	--	--	.1	8.0	
.8	79	0	17	1.1	--	--	--	--	--	99	--	166	--	--	.1	7.7	
1.2	102	0	12	.4	--	--	--	--	--	128	--	186	--	--	.2	7.4	
.8	57	0	7.2	.0	--	--	--	--	--	77	--	107	51	5	.1	7.0	
.8	62	0	2.9	1.1	--	--	--	--	--	70	--	113	51	0	.1	7.5	
.8	74	0	1.4	2.1	--	--	--	--	--	85	--	137	64	3	.1	8.2	
.8	93	0	5.3	1.1	--	--	--	--	--	102	--	164	76	0	.1	8.0	
.8	97	3	3.6	.7	--	--	--	--	--	--	--	--	36	0	.0	8.9	
1.2	180	2	23	2.5	--	--	--	--	--	189	--	311	170	19	.1	8.3	
.8	65	0	12	1.1	--	--	--	--	--	75	--	130	62	8	.1	7.8	
.8	138	0	20	25	--	--	--	--	--	147	--	244	130	14	.2	8.2	
3.1	100	0	179	27	--	--	--	--	--	516	--	736	310	230	1.7	7.9	
.4	39	0	9.1	9.1	--	--	--	--	--	60	--	77	39	7	.0	7.3	
.4	23	0	3.4	1.1	--	--	--	--	--	35	--	47	22	3	.0	7.1	
.8	60	0	6.7	1.1	--	--	--	--	--	47	--	105	53	4	.1	7.5	
1.2	57	0	10	.4	--	--	--	--	--	45	--	106	53	6	.1	7.2	
.8	137	2	9.1	.4	--	--	--	--	--	151	--	237	120	9	.1	8.3	
.4	73	0	13	1.1	--	--	--	--	--	81	--	141	70	10	.1	8.1	
1.1	223	0	56	6.6	.14	--	.00	.3	--	--	271	457	230	52	.2	8.3	GS
1.5	216	1	60	6.5	.16	--	.12	.2	40	--	273	462	230	53	.2	8.4	GS
.7	93	0	6.4	2.2	.00	--	.00	.0	--	--	90	159	78	2	.1	7.9	GS
4.4	149	0	8.4	1.9	--	--	--	--	--	--	141	250	110	0	.2	7.5	GS
7.0	283	0	124	28	--	--	--	--	350	482	--	722	240	9	1.9	7.8	
6.3	174	9	100	39	--	--	--	--	--	378	--	592	190	32	1.7	8.8	
4.3	152	0	61	14	--	--	--	--	50	256	--	401	130	9	1.2	8.2	
6.5	183	0	78	23	--	--	--	--	--	311	--	503	170	19	1.3	8.3	
9.0	184	8	56	14	--	--	--	--	--	289	--	455	160	0	1.1	8.6	
6.3	182	8	51	7.8	--	--	--	--	--	240	--	419	170	2	.8	8.3	
7.0	198	0	44	8.5	--	--	--	--	30	242	--	419	160	0	.9	7.9	
7.4	196	0	50	8.2	--	--	--	--	--	242	--	415	160	0	.8	7.8	
7.8	208	0	49	10	--	--	--	--	170	264	--	450	160	0	1.0	8.2	
6.6	249	14	96	23	--	--	--	--	--	402	--	658	220	0	1.8	8.3	
10	311	19	67	29	--	--	--	--	200	485	--	712	280	0	1.3	8.5	
.4	82	0	20	.0	--	--	--	--	0	110	--	193	83	16	.1	7.6	
.4	26	0	7.2	.0	--	--	--	--	20	36	--	54	22	6	.0	6.3	
.4	31	0	2.4	.0	--	--	--	--	0	45	--	67	27	1	.0	6.8	
.4	94	5	12	2.1	--	--	--	--	40	125	--	217	90	5	.2	8.3	
.4	93	0	21	.0	--	--	--	--	0	114	--	192	93	17	.1	8.3	
.4	43	0	5.8	.0	--	--	--	--	20	57	--	88	38	3	.1	7.9	
--	--	--	--	--	--	--	--	--	--	41	--	74	--	--	--	7.9	
.4	22	0	4.8	.0	--	--	--	--	70	30	--	57	20	2	.1	7.5	
.8	45	0	4.8	.4	--	--	--	--	80	90	--	93	39	2	.1	7.6	
.8	59	0	25	.7	--	--	--	--	--	71	--	142	70	22	.1	8.0	
.8	109	0	29	4.3	--	--	--	--	--	141	--	234	120	25	.2	8.3	
.8	26	0	7.7	.4	--	--	--	--	--	41	--	66	27	6	.1	7.7	
.4	23	0	5.3	.0	--	--	--	--	--	26	--	54	22	3	.1	7.0	
.4	27	0	3.8	.0	--	--	--	--	--	25	--	59	24	2	.1	7.6	
.4	52	0	35	.4	--	--	--	--	--	66	--	116	75	33	.1	7.9	
.8	70	0	19	2.1	--	--	--	--	--	82	--	162	73	16	.1	8.1	
.8	60	0	25	.7	--	--	--	--	--	80	--	143	73	24	.1	8.1	
.8	65	0	32	.7	--	--	--	--	--	85	--	164	83	30	.1	8.3	
.4	88	2	21	2.8	--	--	--	--	--	118	--	206	94	18	.1	8.8	
.4	59	0	24	.0	--	--	--	--	--	85	--	148	67	19	.1	8.4	
.8	27	0	7.7	1.1	--	--	--	--	--	38	--	64	28	6	.1	8.0	
.4	32	0	8.6	.4	--	--	--	--	--	43	--	75	34	8	.1	8.3	
.8	18	0	7.2	.0	--	--	--	--	--	27	--	47	20	5	.1	7.7	
.4	26	0	9.1	.0	--	--	--	--	--	17	--	59	28	6	.1	7.6	
.8	27	0	9.6	.0	--	--	--	--	--	16	--	63	28	6	.2	7.4	
.4	23	0	12	.0	--	--	--	--	--	11	--	60	25	7	.2	7.1	
.4	31	0	6.7	.0	--	--	--	--	--	19	--	67	29	4	.2	7.5	
.4	27	0	11	.0	--	--	--	--	--	15	--	63	31	9	.1	6.9	
.8	64	0	17	.0	--	--	--	--	--	53	--	141	67	15	.1	7.6	
.4	64	0	20	.4	--	--	--	--	80	86	--	146	69	17	.1	8.0	
1.6	92	0	24	1.4	--	--	--	--	--	122	--	205	95	19	.1	7.6	
1.2	190	7	16	1.1	--	--	--	--	--	193	--	331	180	10	.1	8.5	
.8	79	0	18	.4	--	--	--	--	--	73	--	155	78	13	.1	8.0	
.4	36	0	9.1	.4	--	--	--	--	--	55	--	78	36	6	.1	8.0	
.4	23	0	10	.4	--	--	--	--	--	35	--	62	27	9	.1	8.2	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATI-TUDE	LONGI-TUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SIO2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
153	LAKE FORK AT CANAL AT U(C-1-4)9--CONT.	40 24 07	110 20 32	64-06-10	--	--	300	--	8.0	1.7	1.8	--
				64-07-09	--	--	300	--	7.4	1.5	1.6	--
				64-07-30	--	--	150	--	8.6	2.1	1.8	--
				64-09-04	--	--	25	--	49	12	3.2	--
				64-10-05	--	--	30	--	47	7.5	2.5	--
				64-10-27	--	--	50	--	21	6.4	2.8	--
				65-02-02	--	--	15	--	27	18	6.0	--
				65-05-18	--	--	60	--	14	5.2	1.6	--
				65-06-16	--	--	600	--	8.0	1.8	1.6	--
				65-07-07	--	--	1200	--	5.8	1.3	.9	--
				65-08-03	--	--	350	--	7.4	2.1	.7	--
				65-08-30	--	--	80	--	--	--	1.4	--
				65-09-27	--	--	50	--	10	4.4	1.6	--
				65-11-01	--	--	80	--	--	--	1.6	--
				66-01-06	--	--	60	--	--	--	2.5	--
				66-03-16	--	--	80	--	--	--	.7	--
154	DUCHESNE RIVER AT HANNA	40 24 11	110 45 57	73-09-07	1045	10.5	72	9.1	60	19	6.5	--
				73-10-31	1210	8.0	63	9.1	62	20	7.5	--
155	EAST CHANNEL UINTA RIVER AT STATE HIGHWAY 121 NR TRIDELL	40 24 13	109 52 31	73-07-25	--	14.5	93	5.2	19	4.9	1.6	--
				73-08-22	--	18.0	60	5.2	17	4.1	2.2	--
156	RIGHT FORK FARM CREEK NR HANNA	40 24 13	110 42 06	73-10-31	1550	7.0	E.1	--	--	--	--	--
157	OURAY VALLEY CANAL AT STATE HIGHWAY 121	40 24 14	109 47 04	73-08-22	1230	22.0	15	8.2	25	8.7	10	--
158	LITTLE FARM CREEK CANAL NR HANNA	40 24 15	110 43 26	73-10-31	1600	8.0	13	12	78	25	8.8	--
159	LAKE FORK RIVER BELOW YELLOWSTONE RIVER	40 26 15	110 21 48	41-05-21	--	--	--	5.0	8.0	2.8	.9	--
				49-09-10	--	--	--	--	55	43	38	--
				56-08-15	--	--	100	--	6.2	1.8	.7	--
				56-11-07	--	--	75	--	37	8.8	2.8	--
				57-06-27	--	--	150	--	3.2	.6	.0	--
				73-08-22	--	16.0	240	3.1	6.5	1.5	.6	--
160	DUCHESNE RIVER BELOW WEST FORK NR HANNA	40 26 18	110 48 42	48-06-09	--	--	--	8.3	23	5.8	--	5.3
				73-08-22	--	12.0	105	6.2	31	8.5	2.8	--
161	YELLOWSTONE RIVER AT MOUTH	40 26 39	110 21 49	57-08-20	--	--	40	--	8.2	2.6	.7	--
				59-05-07	--	--	60	--	11	5.2	2.3	--
				59-06-18	--	--	100	--	3.2	.6	.9	--
				59-07-22	--	--	75	--	6.0	1.6	.7	--
				59-08-20	--	--	--	--	--	--	--	--
				59-09-28	--	--	--	--	11	4.0	1.8	--
				59-11-10	--	--	90	--	9.2	3.2	.7	--
				60-04-21	--	--	60	--	10	3.0	3.0	--
				60-06-01	--	--	450	--	2.8	2.3	.7	--
				60-07-12	--	--	70	--	6.4	2.0	.7	--
				60-08-05	--	--	96	--	8.0	2.3	.9	--
				60-09-02	--	--	122	--	10	4.6	.7	--
				60-09-29	--	--	100	--	9.6	2.9	1.2	--
				73-08-22	--	15.5	100	2.9	6.2	1.4	.5	--
162	YELLOWSTONE FEEDER CANAL AT TERMINUS	40 26 52	110 01 48	63-06-05	--	--	4.0	--	43	11	5.5	--
				63-06-17	--	--	2.0	--	5.0	1.3	.7	--
				63-07-01	--	--	1.0	--	29	27	6.7	--
				63-08-30	--	--	20	--	22	2.3	2.3	--
				63-09-30	--	--	1.0	--	39	14	5.1	--
				63-11-06	--	--	1.0	--	33	33	11	--
				64-05-13	--	--	6.0	--	23	5.4	3.4	--
				64-05-28	--	--	2.0	--	35	20	6.2	--
				64-06-10	--	--	.50	--	42	20	6.0	--
				64-07-09	--	--	1.0	--	38	33	9.7	--
				64-07-30	--	--	6.0	--	25	2.0	2.5	--
				64-09-04	--	--	.10	--	56	18	8.5	--
				64-10-05	--	--	1.0	--	26	60	2.5	--
				64-10-27	--	--	.75	--	15	4.1	2.8	--
163	COTTONWOOD WASH AT YELLOWSTONE FEEDER CANAL	40 27 19	110 14 02	63-08-30	--	--	.10	--	62	61	107	--
				63-11-06	--	--	.10	--	45	59	111	--
				64-04-30	--	--	.25	--	88	35	51	--
				64-05-13	--	--	.25	--	37	43	72	--
				64-05-28	--	--	.25	--	94	48	74	--
				64-06-10	--	--	.25	--	22	46	87	--
				64-07-09	--	--	.10	--	89	57	102	--
				64-07-30	--	--	.10	--	127	40	102	--
				64-09-04	--	--	.10	--	62	57	108	--
				64-10-27	--	--	.10	--	34	53	113	--
164	UINTAH INDEPENDENT CANAL NR NEOLA	40 27 27	109 58 25	73-09-30	1135	9.5	E3	--	--	--	--	--
165	DUCHESNE RIVER AT STOCKMORE RANGER STATION	40 27 37	110 49 46	73-09-07	0945	7.0	49	8.5	53	15	3.9	--
				73-10-31	0930	5.0	38	8.1	55	15	4.2	--
166	YELLOWSTONE RIVER AT FEEDER CANAL NR ALTONAH	40 27 38	110 26 10	62-04-04	--	--	30	--	17	4.9	1.8	--
				62-04-18	--	--	200	--	12	3.9	1.8	--
				62-05-17	--	--	250	--	7.2	2.3	.7	--
				62-05-29	--	--	200	--	8.6	2.8	.7	--
				62-06-19	--	--	900	--	4.4	.7	.5	--
				62-07-11	--	--	250	--	4.4	2.0	1.2	--
				62-08-01	--	--	75	--	10	3.0	1.8	--
				62-08-16	--	--	50	--	12	3.6	1.8	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.0	29	0	6.7	.4	--	--	--	--	--	44	--	66	27	3	.2	8.2	
.4	24	0	6.7	1.1	--	--	--	--	--	30	--	56	25	5	.1	8.2	
.4	32	0	7.2	.7	--	--	--	--	--	62	--	65	30	4	.1	7.9	
.5	180	3	24	2.5	--	--	--	--	--	184	--	316	170	19	.1	8.5	
.8	142	8	22	.7	--	--	--	--	--	142	--	264	150	18	.1	8.5	
.8	68	4	24	.7	--	--	--	--	--	108	--	160	79	17	.1	8.3	
1.6	145	5	24	3.2	--	--	--	--	--	161	--	277	140	15	.2	8.6	
.4	48	0	21	.4	--	--	--	--	--	65	--	112	56	17	.1	7.8	
.8	--	--	9.1	.4	--	--	--	--	--	44	--	61	27	--	.1	7.6	
.4	19	0	6.7	.0	--	--	--	--	--	44	--	46	20	4	.1	6.8	
.4	27	0	5.3	1.1	--	--	--	--	--	44	--	59	27	5	.1	7.2	
.4	42	0	10	.0	--	--	--	--	--	57	--	91	--	--	.1	7.9	
.4	38	0	16	.4	--	--	--	--	--	45	--	84	43	12	.1	7.4	
.4	41	0	12	.7	--	--	--	--	--	46	--	95	--	--	.1	8.0	
1.2	73	0	25	1.1	--	--	--	--	--	115	--	166	--	--	.1	7.6	
.4	53	0	13	1.4	--	--	--	--	--	81	--	126	--	--	.1	7.6	
1.1	224	0	54	6.4	.17	--	.01	.2	--	--	268	458	230	44	.2	8.2	GS
1.5	219	2	60	6.5	.15	--	.09	.2	40	--	278	476	240	54	.2	8.4	GS
.8	77	0	7.2	2.4	.04	--	.00	.1	--	--	79	136	68	4	.1	7.8	GS
.8	72	0	8.9	2.0	--	--	--	--	--	--	76	127	59	0	.1	8.0	GS
--	--	--	--	--	--	--	--	--	--	--	--	660	--	--	--	--	GS
1.5	108	0	24	3.3	--	--	--	--	--	--	134	236	98	10	.4	7.9	GS
1.6	196	4	130	3.4	.09	--	.12	.0	40	--	360	577	300	130	.2	8.4	GS
.0	28	--	8.6	1.1	--	1.2	--	--	20	59	40	67	33	8	.1	7.3	SL
7.1	277	--	189	44	--	.20	--	--	160	--	513	900	314	86	.9	--	SU
.4	25	0	3.4	.7	--	--	--	--	--	28	--	56	23	2	.1	7.0	
.4	110	6	35	.4	--	--	--	--	--	162	--	260	130	29	.1	8.5	
.4	11	0	1.9	.0	--	--	--	--	--	16	--	33	10	1	.0	7.9	
.4	24	0	6.0	.4	.04	--	.00	--	50	--	31	52	22	3	.1	7.6	GS
--	88	--	15	4.0	--	.20	--	--	--	--	105	164	82	10	--	--	GS
.7	125	0	20	.9	--	--	--	--	--	--	132	233	110	10	.1	8.2	GS
.4	27	0	9.1	.7	--	--	--	--	20	37	--	71	31	9	.1	8.1	
.4	47	0	16	.0	--	--	--	--	120	81	--	124	49	10	.1	8.0	
.4	104	0	9.1	.0	--	--	--	--	120	26	--	34	10	0	.1	7.4	
.4	19	0	7.7	.0	--	--	--	--	180	22	--	53	22	6	.1	7.5	
--	--	--	--	--	--	--	--	--	--	59	--	40	--	--	--	7.0	
.5	31	0	23	.0	--	--	--	--	80	88	--	108	44	19	.1	7.5	
.4	27	0	15	.4	--	--	--	--	--	38	--	80	36	14	.1	7.8	
.8	34	0	12	3.9	--	--	--	--	--	75	--	110	37	9	.2	7.6	
.4	14	0	6.2	.4	--	--	--	--	--	34	--	41	16	5	.1	7.9	
.8	20	0	9.1	.7	--	--	--	--	--	30	--	59	24	8	.1	7.6	
.4	25	0	11	.0	--	--	--	--	--	34	--	70	29	9	.1	7.7	
.4	24	0	26	.4	--	--	--	--	--	33	--	70	44	24	.0	8.0	
.4	34	0	11	.0	--	--	--	--	--	47	--	87	36	8	.1	8.0	
.4	22	0	6.6	.2	.08	--	.00	.0	40	--	29	50	21	3	.0	7.6	GS
5.9	155	9	27	1.4	--	--	--	--	--	108	--	292	150	11	.2	8.5	
.4	17	0	5.8	.0	--	--	--	--	--	28	--	41	18	4	.1	7.9	
.8	213	10	3.8	1.8	--	--	--	--	--	240	--	358	180	0	.2	8.7	
.8	68	0	12	1.1	--	--	--	--	--	60	--	136	64	9	.1	8.1	
.8	168	8	9.6	3.9	--	--	--	--	--	181	--	303	160	4	.2	8.3	
1.5	257	8	7.7	8.5	--	--	--	--	--	257	--	445	220	0	.3	8.3	
.8	65	2	28	.4	--	--	--	--	--	111	--	169	80	21	.2	8.4	
3.1	183	6	24	1.4	--	--	--	--	--	210	--	326	170	9	.2	8.3	
2.4	174	23	19	2.5	--	--	--	--	--	205	--	343	190	6	.2	8.8	
2.7	256	7	27	1.8	--	--	--	--	--	280	--	420	230	8	.3	8.7	
.8	70	0	16	1.4	--	--	--	--	--	107	--	143	71	13	.1	8.2	
2.4	196	18	38	5.7	--	--	--	--	--	268	--	398	210	23	.3	8.7	
.8	102	0	11	.4	--	--	--	--	--	85	--	180	310	230	.1	7.6	
.8	60	0	9.1	1.8	--	--	--	--	--	81	--	112	54	5	.2	8.1	
6.3	450	16	126	83	--	--	--	--	--	734	--	1180	410	10	2.3	--	
5.5	408	0	152	79	--	--	--	--	--	665	--	1100	360	21	2.6	8.1	
4.6	412	0	78	44	--	--	--	--	--	495	--	836	360	26	1.4	8.0	
5.5	259	19	105	55	--	--	--	--	--	474	--	783	270	25	1.9	8.6	
5.5	503	0	104	55	--	--	--	--	--	655	--	1030	430	20	1.5	8.1	
4.7	217	39	111	57	--	--	--	--	--	482	--	785	240	1	2.4	8.8	
5.5	544	0	134	71	--	--	--	--	--	734	--	1180	460	11	2.1	7.9	
5.5	539	0	163	72	--	--	--	--	--	740	--	1190	480	40	2.0	8.1	
5.1	364	21	188	71	--	--	--	--	--	659	--	1030	390	56	2.4	8.5	
5.5	336	21	143	71	--	--	--	--	--	657	--	1020	300	0	2.8	8.4	
--	--	--	--	--	--	--	--	--	--	--	--	<50	--	--	--	--	GS
.7	203	0	32	2.6	.13	--	.09	.2	50	--	217	377	190	28	.1	8.1	GS
.9	206	0	39	2.5	.17	--	.09	.0	20	--	227	382	200	30	.1	8.3	GS
.4	56	0	18	.7	--	--	--	--	--	79	--	140	63	17	.1	8.5	
.4	38	0	17	1.1	--	--	--	--	--	71	--	101	46	15	.1	8.5	
.8	24	0	8.2	1.1	--	--	--	--	--	44	--	65	27	8	.1	7.9	
.4	31	0	9.6	.0	--	--	--	--	0	51	--	68	33	8	.1	8.3	
.8	13	0	2.9	1.4	--	--	--	--	--	21	--	37	14	3	.1	6.8	
.4	20	0	5.8	.0	--	--	--	--	0	12	--	49	19	3	.1	7.8	
.4	34	0	14	.0	--	--	--	--	--	37	--	79	37	9	.1	7.8	
.4	43	0	13	.0	--	--	--	--	0	39	--	99	45	10	.1	7.8	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LAT-I-TUDE	LONG-I-TUDE	DATE OF SAMPLE	TIME	TEMPER-ATURE (DEG C)	DIS-CHARGE (FT^3/S)	DIS-SOLVED SILICA (SIO2) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED SODIUM PLUS POTAS-SIUM (MG/L)
166	YELLOWSTONE RIVER AT FEEDER CANAL NR ALTONAH--CONT.	40 27 38	110 26 10	62-09-06	--	--	40	--	14	3.5	2.3	--
				62-09-19	--	--	25	--	12	4.5	1.2	--
				62-10-17	--	--	100	--	12	3.0	1.2	--
				62-12-04	--	--	40	--	18	1.1	.7	--
				63-02-06	--	--	--	--	15	3.9	1.4	--
				63-06-17	--	--	400	--	5.6	.7	.5	--
				63-07-01	--	--	400	--	6.8	1.7	.7	--
				63-07-29	--	--	--	--	8.4	2.1	.9	--
				64-04-07	--	--	20	--	15	4.6	.9	--
				64-04-30	--	--	30	--	14	3.6	1.6	--
				64-05-13	--	--	15	--	17	2.7	1.8	--
				64-05-29	--	--	500	--	5.2	1.6	.9	--
				64-06-10	--	--	400	--	5.4	1.0	.9	--
				64-07-09	--	--	150	--	5.0	1.3	1.2	--
				64-07-30	--	--	100	--	8.2	2.1	1.8	--
				64-09-04	--	--	40	--	9.2	2.1	.9	--
				64-10-05	--	--	50	--	10	2.7	1.2	--
				64-10-27	--	--	60	--	11	4.3	1.6	--
				65-02-02	--	--	25	--	21	4.9	.9	--
167	WHITEROCKS CANAL AT TRIDELL	40 27 44	109 53 30	47-03-03	--	--	--	7.0	19	5.1	--	5.1
				47-05-06	--	--	--	6.1	18	3.5	--	4.6
				47-07-27	--	--	--	--	--	--	--	5.3
167.5	DUCHESNE RIVER ABOVE WEST FORK	40 27 46	110 49 58	47-09-20	--	--	29	5.8	38	12	--	19
				48-06-09	--	--	378	3.6	--	--	--	--
				73-08-22	0915	12.0	90	4.2	20	6.3	1.9	--
168	LAKE FORK RIVER ABOVE YELLOWSTONE RIVER	40 28 00	110 22 52	57-08-20	--	--	100	--	6.2	2.1	.5	--
				73-08-22	--	15.0	150	3.4	7.7	1.7	1.0	--
169	WHITEROCKS RIVER 1 MI EAST OF WHITEROCKS	40 28 02	109 54 47	73-07-25	1130	14.0	85	3.2	5.7	1.5	1.1	--
				73-08-22	1100	16.0	30	3.5	7.2	1.9	1.0	--
170	TWIN CREEK NR WIN DIVERSION	40 28 29	110 55 15	62-04-26	--	--	5.0	--	46	10	2.3	--
				62-09-07	--	--	--	--	37	11	1.8	--
171	TRIBUTARY TO COTTONWOOD CREEK NR NEOLA	40 29 26	110 07 25	73-05-09	--	11.0	E.5	--	--	--	--	--
172	UINTA RIVER 3.5 MI NORTHWEST OF WHITEROCKS	40 29 51	109 59 14	73-08-22	1115	16.0	50	4.9	16	4.3	1.3	--
173	LAKE FORK RIVER AT LAKE FORK DAMSITE	40 30 16	110 24 28	63-05-17	--	--	10	--	20	3.5	1.6	--
				63-06-07	--	--	500	--	5.0	1.1	.9	--
				63-07-01	--	--	250	--	4.0	1.7	.7	--
				63-07-29	--	--	500	--	5.0	.4	.7	--
				63-08-30	--	--	200	--	5.4	1.0	.7	--
				63-09-30	--	--	10	--	21	6.1	2.1	--
				63-11-06	--	--	5.0	--	27	6.9	2.1	--
				64-01-28	--	--	15	--	48	13	3.4	--
				64-04-30	--	--	50	--	7.2	1.6	1.4	--
				64-05-13	--	--	150	--	5.0	1.2	.7	--
				64-05-28	--	--	10	--	21	5.1	1.8	--
				64-06-10	--	--	12	--	21	3.8	2.3	--
				64-07-09	--	--	200	--	4.2	.7	.9	--
				64-07-30	--	--	200	--	4.0	1.0	1.2	--
				64-09-04	--	--	100	--	7.8	1.9	1.4	--
				64-10-05	--	--	15	--	9.6	1.7	1.2	--
				64-10-27	--	--	20	--	39	9.8	3.4	--
				65-02-02	--	--	10	--	36	12	3.9	--
				65-04-26	--	--	15	--	51	10	4.1	--
				65-05-18	--	--	50	--	14	2.4	1.4	--
				65-06-15	--	--	300	--	12	2.6	2.3	--
				65-07-07	--	--	900	--	6.6	1.7	1.2	--
				65-08-03	--	--	200	--	7.8	2.0	.9	--
				65-08-30	--	--	50	--	--	--	1.4	--
				65-09-27	--	--	100	--	11	2.6	1.6	--
				65-11-01	--	--	50	--	--	--	.9	--
174	STEINAKER SERVICE CANAL AT RESERVOIR OUTLET	40 30 21	109 32 01	73-05-14	1300	9.0	93	--	36	10	6.3	--
				73-06-13	1715	8.0	150	--	39	11	8.9	--
				73-07-16	--	10.0	--	--	35	9.9	5.1	--
				73-08-13	0650	12.0	150	--	36	9.5	5.7	--
				73-09-14	1105	13.5	17	--	36	9.7	6.7	--
				73-10-15	1040	15.0	20	--	33	9.2	6.3	--
				74-05-15	1600	11.0	--	--	37	10	5.1	--
				74-06-12	0830	13.0	85	--	35	9.8	4.8	--
175	TRIBUTARY TO SOUTH FORK ROCK CREEK NR HANNA	40 32 00	110 44 11	73-09-07	--	5.0	E1	--	--	--	--	--
176	HADES CREEK AT FOREST ROAD 144 NR HANNA	40 32 03	110 52 15	73-07-19	1520	9.0	--	--	--	--	--	--
177	DRY FORK AT LIND DITCH	40 32 10	109 37 20	54-07-28	0930	15.5	--	--	--	--	--	--
				55-08-11	1430	20.5	--	19	109	37	7.9	--
178	DRY FORK AT MCCONKIE DITCH	40 33 00	109 39 20	55-08-11	1540	20.5	--	19	123	36	5.2	--
179	DRY FORK AT HALL DITCH	40 33 10	109 39 50	54-07-28	1050	18.0	--	--	--	--	--	--
180	WHITEROCKS RIVER AT WHITEROCKS CANAL	40 33 22	109 55 24	63-06-05	--	--	250	--	4.4	1.2	.9	--
				65-04-21	--	--	60	--	8.6	.8	2.5	--
				65-05-19	--	--	170	--	5.0	1.1	1.4	--
				65-06-15	--	--	900	--	4.4	.8	.7	--
				65-07-06	--	--	320	--	4.4	1.0	.5	--
				65-08-04	--	--	240	--	4.6	.5	.7	--
				65-08-31	--	--	130	--	--	--	.5	--

miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.4	47	0	15	.0	--	--	--	--	--	43	--	106	49	11	.1	7.7	
.4	53	0	7.7	.0	--	--	--	--	0	55	--	119	48	5	.1	7.7	
.4	32	0	19	.0	--	--	--	--	--	34	--	90	42	16	.1	7.6	
.4	40	0	13	3.2	--	--	--	--	--	59	--	106	49	17	.0	7.6	
.8	51	0	14	.0	--	--	--	--	80	81	--	136	54	12	.1	7.6	
.4	13	0	7.2	.4	--	--	--	--	--	20	--	38	17	6	.1	7.5	
.4	23	0	5.8	1.1	--	--	--	--	--	32	--	54	24	5	.1	8.4	
.4	26	0	11	.0	--	--	--	--	--	42	--	67	30	8	.1	8.0	
.4	45	0	19	1.8	--	--	--	--	--	70	--	122	56	19	.1	8.1	
.4	38	0	23	.0	--	--	--	--	--	47	--	105	50	19	.1	7.5	
.4	38	0	24	.4	--	--	--	--	--	59	--	109	54	22	.1	8.1	
.4	14	0	10	.0	--	--	--	--	--	37	--	45	20	8	.1	7.6	
.4	9	4	4.3	.0	--	--	--	--	--	36	--	47	18	2	.1	9.1	
.4	14	0	9.1	.0	--	--	--	--	--	23	--	41	18	6	.1	7.8	
.4	26	0	10	1.1	--	--	--	--	--	44	--	73	29	8	.1	7.8	
.4	27	0	11	.7	--	--	--	--	--	37	--	71	32	9	.1	8.1	
.4	33	0	11	1.1	--	--	--	--	--	33	--	81	36	9	.1	7.8	
.4	36	0	18	.7	--	--	--	--	--	65	--	92	45	16	.1	7.9	
.4	53	0	28	1.1	--	--	--	--	--	88	--	151	73	29	.1	8.0	
--	70	0	18	1.8	--	.50	--	--	10	--	--	151	68	11	.3	8.0	GS
--	61	0	1.2	.3	--	.30	--	--	0	--	--	133	59	9	.3	--	GS
--	48	0	4.0	3.0	--	--	--	--	--	--	--	79	36	0	--	--	GS
--	172	--	33	6.0	--	1.5	--	--	--	--	200	273	144	4	--	--	GS
--	44	--	5.6	1.0	--	.60	--	--	--	--	--	73	--	--	--	--	GS
.6	88	0	7.4	1.9	--	--	--	--	--	--	86	158	76	4	.1	8.1	GS
.4	22	0	7.2	.0	--	--	--	--	--	29	--	54	24	6	.0	8.0	
.4	28	0	5.8	.7	--	--	--	--	--	--	35	57	26	3	.1	7.7	GS
.4	23	0	4.5	.9	.00	--	.01	.0	50	--	29	46	20	2	.1	8.0	GS
1.4	30	0	7.1	.8	--	--	--	--	--	--	38	56	26	1	.1	7.8	GS
.8	155	11	15	1.4	--	--	--	--	--	169	--	298	160	11	.1	8.6	
.8	149	6	5.8	2.5	--	--	--	--	--	148	--	263	140	6	.1	8.5	
--	--	--	--	--	--	--	--	--	--	--	--	245	--	--	--	--	GS
.8	66	0	8.6	1.2	--	--	--	--	--	--	70	123	58	4	.1	8.0	GS
.6	68	0	12	.0	--	--	--	--	0	81	--	138	64	9	.1	7.6	
.6	16	0	6.7	.0	--	--	--	--	--	27	--	38	17	4	.1	7.6	
.6	17	0	3.4	1.1	--	--	--	--	--	32	--	38	17	3	.1	7.7	
.6	14	0	4.3	.0	--	--	--	--	--	22	--	33	14	3	.1	7.6	
.6	19	0	3.8	.0	--	--	--	--	--	20	--	48	18	2	.1	8.2	
.6	85	0	12	.0	--	--	--	--	--	90	--	162	78	8	.1	8.0	
1.2	108	0	13	.0	--	--	--	--	--	115	--	199	96	7	.1	8.2	
1.8	145	4	51	2.5	--	--	--	--	--	215	--	336	170	47	.1	8.5	
.6	24	0	6.7	1.1	--	--	--	--	--	18	--	53	25	5	.1	7.6	
.6	17	0	4.8	.4	--	--	--	--	--	27	--	41	17	3	.1	7.9	
.6	70	0	19	.4	--	--	--	--	--	78	--	141	73	16	.1	7.9	
.0	68	0	15	1.1	--	--	--	--	--	75	--	135	68	12	.1	8.7	
1.2	14	0	4.3	.4	--	--	--	--	--	18	--	33	13	2	.1	7.8	
.6	13	0	6.7	.0	--	--	--	--	--	34	--	34	14	3	.1	8.0	
.6	27	0	7.2	.7	--	--	--	--	--	35	--	59	27	5	.1	8.1	
.6	34	0	5.3	.7	--	--	--	--	--	31	--	67	31	3	.1	8.1	
1.2	111	10	35	.7	--	--	--	--	--	189	--	272	140	30	.1	8.5	
1.2	123	3	37	2.5	--	--	--	--	--	165	--	280	140	33	.1	8.5	
2.4	148	0	54	1.8	--	--	--	--	--	213	--	329	170	47	.1	8.1	
.6	39	0	15	.0	--	--	--	--	--	62	--	89	45	13	.1	7.6	
1.2	41	0	10	2.1	--	--	--	--	--	64	--	93	41	7	.2	7.8	
.6	23	0	7.2	.0	--	--	--	--	--	41	--	51	23	5	.1	7.0	
.6	27	0	6.2	.7	--	--	--	--	--	47	--	61	28	6	.1	7.1	
1.2	45	0	12	.0	--	--	--	--	--	62	--	99	--	--	.1	7.9	
1.2	34	0	12	1.4	--	--	--	--	--	35	--	79	38	10	.1	7.6	
1.2	31	0	8.2	.0	--	--	--	--	--	36	--	70	--	--	.1	7.8	
1.7	121	0	40	3.7	--	--	--	--	--	--	--	280	130	32	.2	7.3	GS
1.7	128	0	53	3.7	--	--	--	--	--	--	--	289	140	38	.3	8.1	GS
1.5	124	0	42	2.4	--	--	--	--	--	--	--	276	130	26	.2	7.8	GS
1.4	118	0	42	2.7	--	--	--	--	--	--	--	278	130	32	.2	7.9	GS
1.7	120	0	49	3.4	--	--	--	--	--	--	--	272	130	31	.3	7.8	GS
1.5	106	0	48	2.3	--	--	--	--	--	--	--	248	120	33	.3	7.9	GS
1.5	123	0	43	1.5	--	--	--	--	--	--	--	279	130	33	.2	7.9	GS
1.3	122	0	43	1.5	--	--	--	--	--	--	--	281	130	28	.2	7.9	GS
--	--	--	--	--	--	--	--	--	--	--	--	270	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	55	--	--	--	--	GS
--	400	--	223	--	--	--	--	--	--	--	--	937	532	204	--	7.9	GS
4.9	318	0	197	3.0	--	.60	--	--	--	--	535	809	424	163	.2	7.8	GS
3.2	368	0	158	2.0	--	.50	--	--	--	--	528	802	456	154	.1	7.9	GS
--	298	0	119	--	--	--	--	--	--	--	--	643	360	116	--	8.0	GS
.4	21	0	.5	.4	--	--	--	--	--	50	--	50	16	0	.1	7.6	
.8	16	0	15	2.1	--	--	--	--	--	49	--	77	25	12	.2	7.5	
.4	13	0	9.6	.0	--	--	--	--	--	24	--	43	17	6	.2	7.0	
.4	12	0	4.8	1.1	--	--	--	--	--	37	--	27	14	4	.1	7.6	
.4	14	0	2.4	1.8	--	--	--	--	--	35	--	36	15	4	.0	7.0	
.4	11	0	5.3	.7	--	--	--	--	--	15	--	26	14	5	.1	7.7	
.8	12	0	2.4	.0	--	--	--	--	--	22	--	28	--	--	.1	7.5	

Table 15.--Chemical analyses of water from

SITE NUMBER ON PLATE 2A OR 2B	SITE	LATITUDE	LONGITUDE	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	DISCHARGE (FT^3/S)	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED SODIUM PLUS POTASSIUM (MG/L)
180	WHITEROCKS RIVER AT WHITEROCKS CANAL--CONT.	40 33 22	109 55 24	65-09-28	--	--	115	--	--	--	1.2	--
				65-11-01	--	--	65	--	--	--	.7	--
				66-05-06	--	--	500	--	--	--	.9	--
				66-06-01	--	--	275	--	3.8	.6	.7	--
				67-05-16	--	--	60	--	4.8	1.0	1.6	--
181	ROCK CREEK ABOVE SOUTH FORK	40 33 28	110 41 50	56-08-15	--	--	20	--	2.6	1.2	.7	--
				56-11-08	--	--	25	--	13	4.0	1.4	--
182	DUCHESNE RIVER ABOVE HADES CREEK	40 33 30	110 53 12	38-08-15	--	--	--	4.0	3.6	2.8	1.0	--
183	STAUFFER TAILINGS DRAIN AT BRUSH CREEK	40 35 56	109 28 35	68-01-05	--	--	.50	--	530	124	63	--
184	UINTA RIVER AT POWER DIVERSION	40 35 59	110 07 20	65-04-21	--	--	35	--	5.4	1.0	1.4	--
				65-05-17	--	--	90	--	5.2	.1	1.2	--
				65-06-15	--	--	800	--	2.6	1.5	.7	--
				65-07-06	--	--	700	--	3.4	.4	.5	--
				65-08-04	--	--	250	--	2.8	.7	.7	--
				65-08-31	--	--	150	--	--	--	.5	--
				65-09-28	--	--	50	--	--	--	1.2	--
				65-11-01	--	--	80	--	--	--	.7	--
				66-01-06	--	--	--	--	--	--	1.4	--
				66-04-02	--	--	40	--	--	--	.5	--
				66-05-06	--	--	180	--	--	--	.5	--
				66-06-01	--	--	150	--	3.4	1.0	.7	--
				67-02-06	--	--	30	--	4.2	1.2	.7	--
				67-03-01	--	--	40	--	7.6	.7	1.4	--
185	BIG BRUSH CREEK NR RATLIFF RANCH	40 36 14	109 28 45	56-08-08	1600	14.0	E25	8.6	38	12	1.3	--
186	PARADISE CREEK AT MOUTH	40 37 06	109 56 20	71-09-02	--	13.0	--	--	--	--	--	--
187	LAKE TWIN AT U(B-3-4)6BA	40 41 23	110 23 01	59-08-17	--	--	--	.3	2.2	.1	.3	--
188	LAKE AT U(B-3-4)6AB	40 41 29	110 22 42	59-09-18	--	10.0	--	.3	2.2	.4	.5	--
189	LAKE AT U(B-4-4)31CA	40 41 51	110 23 06	59-08-17	--	--	--	.3	2.0	.2	.3	--
190	LAKE AT U(B-4-4)31BD	40 42 06	110 23 06	59-08-17	--	--	--	.2	1.6	.5	.3	--
191	LAKE AT U(B-4-4)31AB	40 42 10	110 22 46	59-08-17	--	--	--	.0	1.8	.2	.3	--
192	DRY FORK AT MOSBY CANAL	40 42 27	109 54 40	55-07-25	0950	--	--	2.3	2.4	.7	1.7	--
193	LITTLE BRUSH CREEK AT STATE ROAD 44	40 42 28	109 29 39	71-08-31	--	16.0	--	--	--	--	--	--
194	BRUSH PARK CREEK AT FOREST ROAD 020	40 46 32	109 33 23	73-07-26	1340	13.5	E10	--	--	--	--	--
195	TRIBUTARY TO WHITEROCKS RIVER AT U(B-4-1)5AAA	40 46 42	110 00 45	74-06-24	1310	6.5	E10	--	--	--	--	--

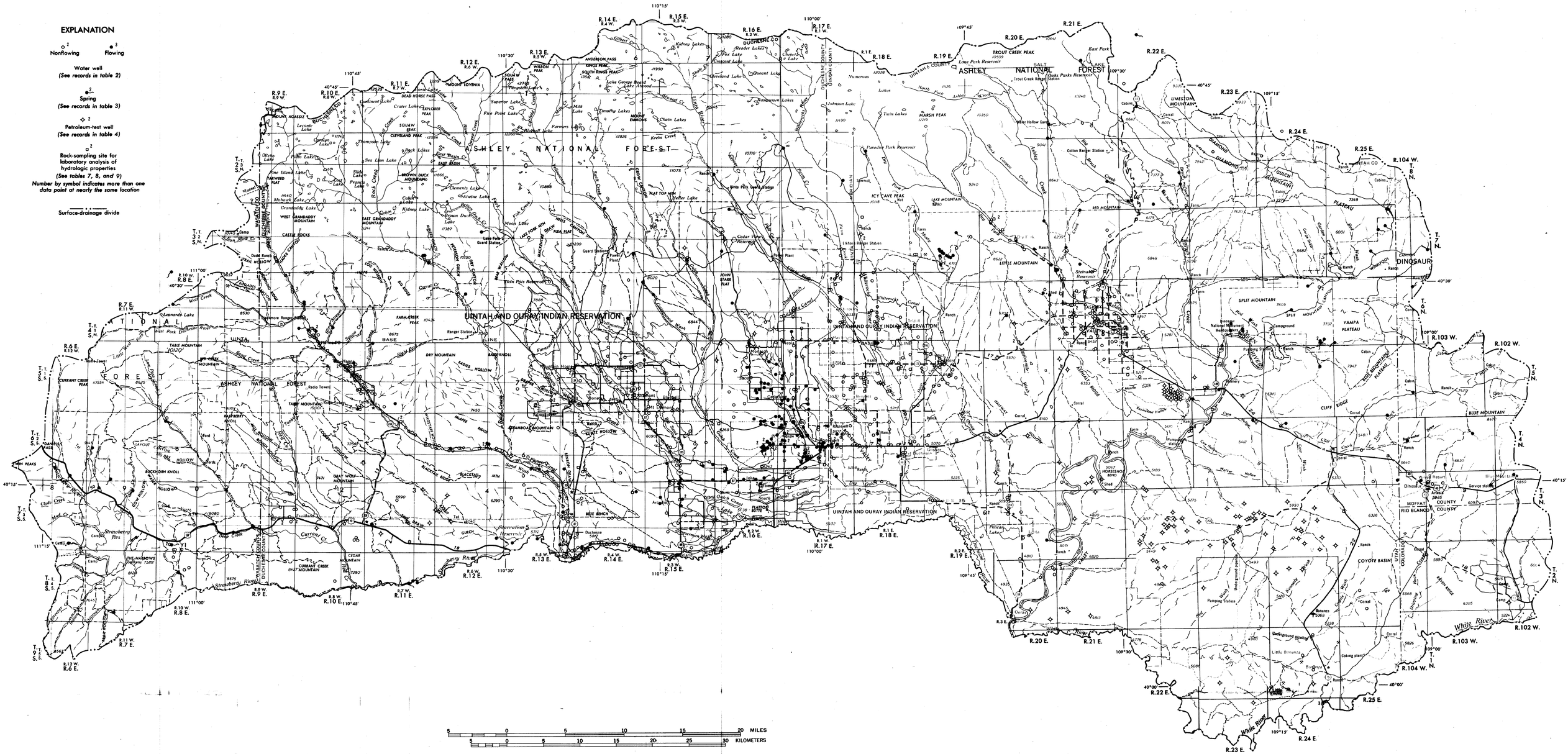
miscellaneous sites on streams--Continued

DIS-SOLVED PO-TAS-SIUM (K) (MG/L)	BICAR-BONAT-(HCO3) (MG/L)	CAR-BONATE (CO3) (MG/L)	DIS-SOLVED SULFATE (SO4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED NITRATE (NO3) (MG/L)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (RESI-DUE AT 180°C) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	SPE-CIFIC CON-DUCT-ANCE (MICRO-MHOS)	HARD-NESS (CA,MG) (MG/L)	NON-CAR-BONATE HARD-NESS (MG/L)	SODIUM AD-SORP-TION RATIO	PH (UNITS)	AGENCY ANA-LYZING SAMPLE
.8	12	0	3.4	1.1	--	--	--	--	--	14	--	27	--	--	.2	7.0	
1.2	15	0	1.0	2.1	--	--	--	--	--	16	--	33	--	--	.1	7.6	
.4	10	0	6.7	.0	--	--	--	--	--	44	--	45	--	--	.1	7.3	
.4	11	0	4.8	.0	--	--	--	--	--	35	--	--	12	3	.1	7.0	
.3	13	0	8.6	.4	--	--	--	--	--	35	--	39	16	5	.2	7.4	
.4	12	0	3.8	--	--	--	--	--	--	--	--	34	12	2	1.1	7.8	GS
.4	53	0	7.7	.4	--	--	--	--	--	--	--	115	48	5	.1	7.6	GS
.0	18	0	8.0	1.6	--	--	--	--	--	--	30	--	20	6	.1	7.8	GS
23	173	0	1760	14	--	.99	.00	--	--	2740	--	2700	1800	1700	.6	7.7	GS
.8	15	0	9.1	.0	--	--	--	--	--	36	--	44	18	5	.1	7.3	
.4	9	0	8.2	.0	--	--	--	--	--	33	--	32	13	5	.1	7.6	
.4	9	0	6.2	.4	--	--	--	--	--	32	--	23	13	5	.1	7.3	
.4	8	0	3.8	.4	--	--	--	--	--	26	--	26	10	3	.1	7.8	
.4	11	0	2.4	.4	--	--	--	--	--	31	--	25	10	1	.1	7.9	
.4	12	0	3.4	.0	--	--	--	--	--	21	--	20	--	--	.1	7.4	
1.2	9	0	4.8	1.1	--	--	--	--	--	11	--	33	--	--	.2	6.9	
.8	12	0	3.4	.0	--	--	--	--	--	14	--	28	--	--	.1	7.3	
1.2	15	0	6.2	.7	--	--	--	--	--	32	--	55	--	--	.2	7.1	
.4	16	0	5.3	.7	--	--	--	--	--	25	--	44	--	--	.1	7.0	
.8	12	0	2.9	.0	--	--	--	--	--	25	--	27	--	--	.1	6.3	
.4	11	0	5.3	.0	--	--	--	--	--	19	--	29	13	4	.1	6.6	
.4	13	0	6.2	.4	--	--	--	--	--	20	--	36	15	5	.1	7.3	
.4	21	0	7.7	.0	--	--	--	--	--	32	--	54	22	5	.1	7.4	
.6	158	--	6.9	1.2	--	.70	.00	.1	10	152	147	264	144	7	.0	8.4	GS
--	--	--	--	--	--	--	--	--	--	--	--	<50	--	--	--	--	GS
.2	8	0	2.0	.5	--	.10	--	--	20	--	10	13	6	0	.1	6.5	GS
.4	7	0	1.4	.6	--	.30	--	--	30	--	11	17	7	0	.1	6.7	GS
.2	7	0	.7	.4	--	.10	--	--	20	--	8	13	6	0	.1	6.7	GS
.2	8	0	.9	.4	--	.30	--	--	20	--	8	12	6	0	.1	6.5	GS
.2	8	0	1.0	.2	--	.20	--	--	20	--	8	12	6	0	.1	6.6	GS
--	12	0	2.0	.0	--	1.1	--	--	--	--	16	19	9	0	.2	6.5	GS
--	--	--	--	--	--	--	--	--	--	--	--	<50	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	<50	--	--	--	--	GS
--	--	--	--	--	--	--	--	--	--	--	--	<50	--	--	--	--	GS

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

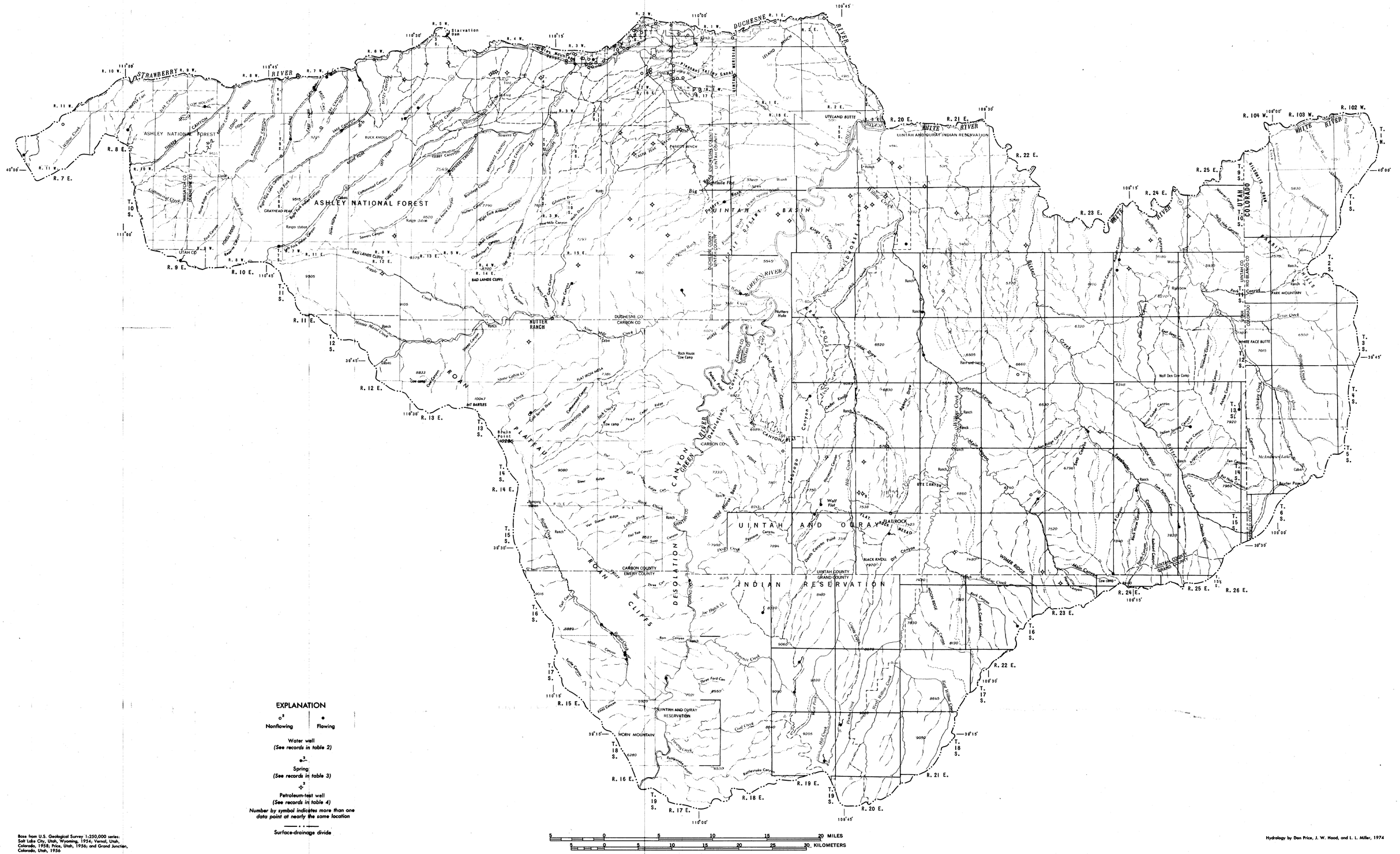
BASIC-DATA RELEASE NUMBER 26
PLATE 1A
1976



MAP SHOWING LOCATION OF SELECTED WATER WELLS, SPRINGS, PETROLEUM-TEST WELLS, AND ROCK- SAMPLING SITES IN THE NORTHERN UINTA BASIN AREA, UTAH AND COLORADO

Base from U.S. Geological Survey 1:250,000 series: Salt Lake City, Utah, Wyoming, 1954; and Vernal, Utah, Colorado, 1958

Hydrology by J. W. Hood and others, 1974



Base from U.S. Geological Survey 1:250,000 series: Salt Lake City, Utah, Wyoming, 1954; Vernal, Utah, Colorado, 1958; Price, Utah, 1956; and Grand Junction, Colorado, Utah, 1956

Hydrology by Don Price, J. W. Hood, and L. L. Miller, 1974

MAP SHOWING LOCATION OF SELECTED WATER WELLS, SPRINGS, AND PETROLEUM-TEST WELLS IN THE SOUTHERN UINTA BASIN AREA, UTAH AND COLORADO

EXPLANATION

DATA-COLLECTION SITES

Gaging station

See table 12 for summarized record of discharge. Explanation of numbering system is in text. The numbers on this map have been shortened by omitting the "part" number, 09

Gaging station and water-quality sampling site

See table 12 for summarized record of discharge, and table 14 for water-quality analysis

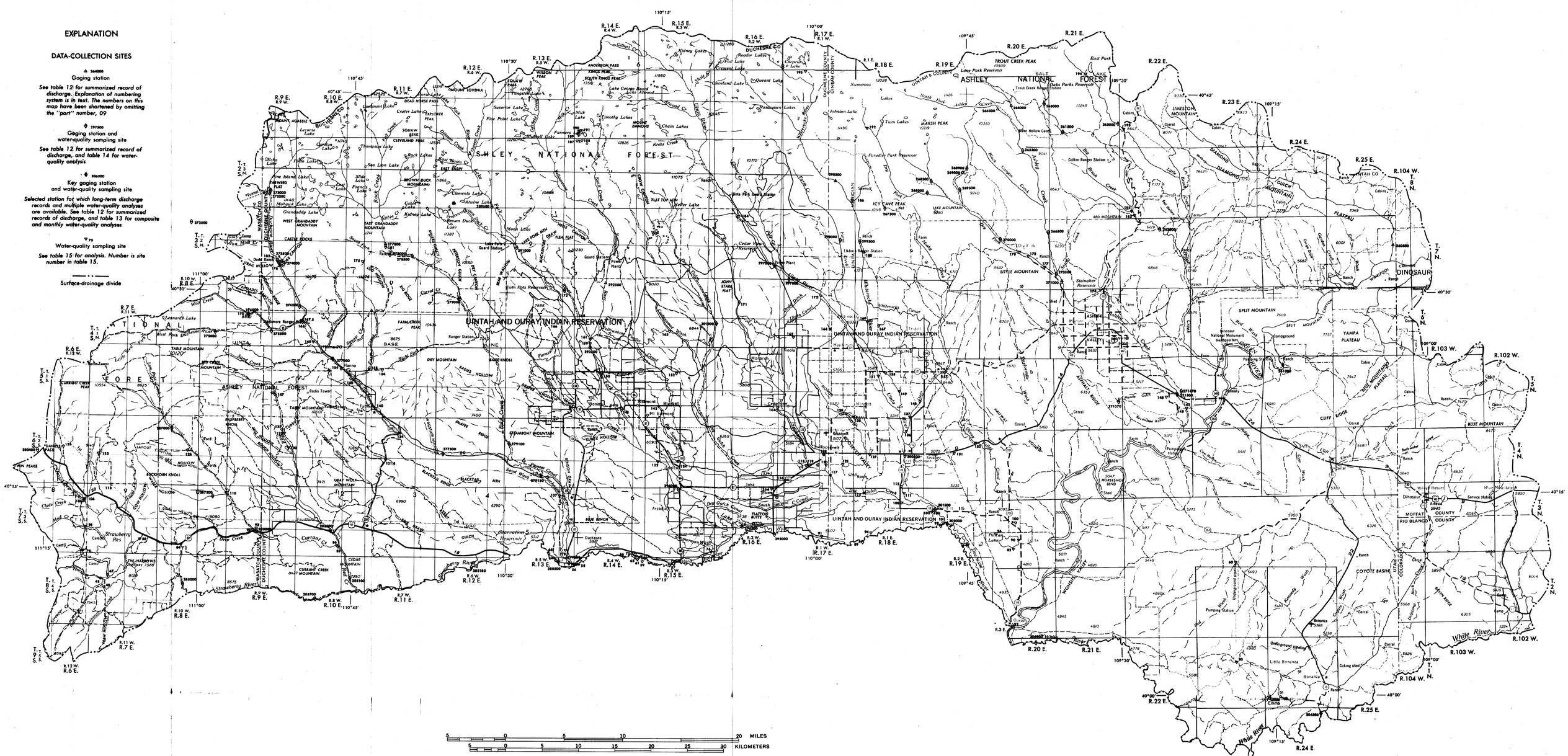
Key gaging station and water-quality sampling site

Selected station for which long-term discharge records and multiple water-quality analyses are available. See table 12 for summarized records of discharge, and table 13 for composite and monthly water-quality analyses

Water-quality sampling site

See table 15 for analysis. Number is site number in table 15.

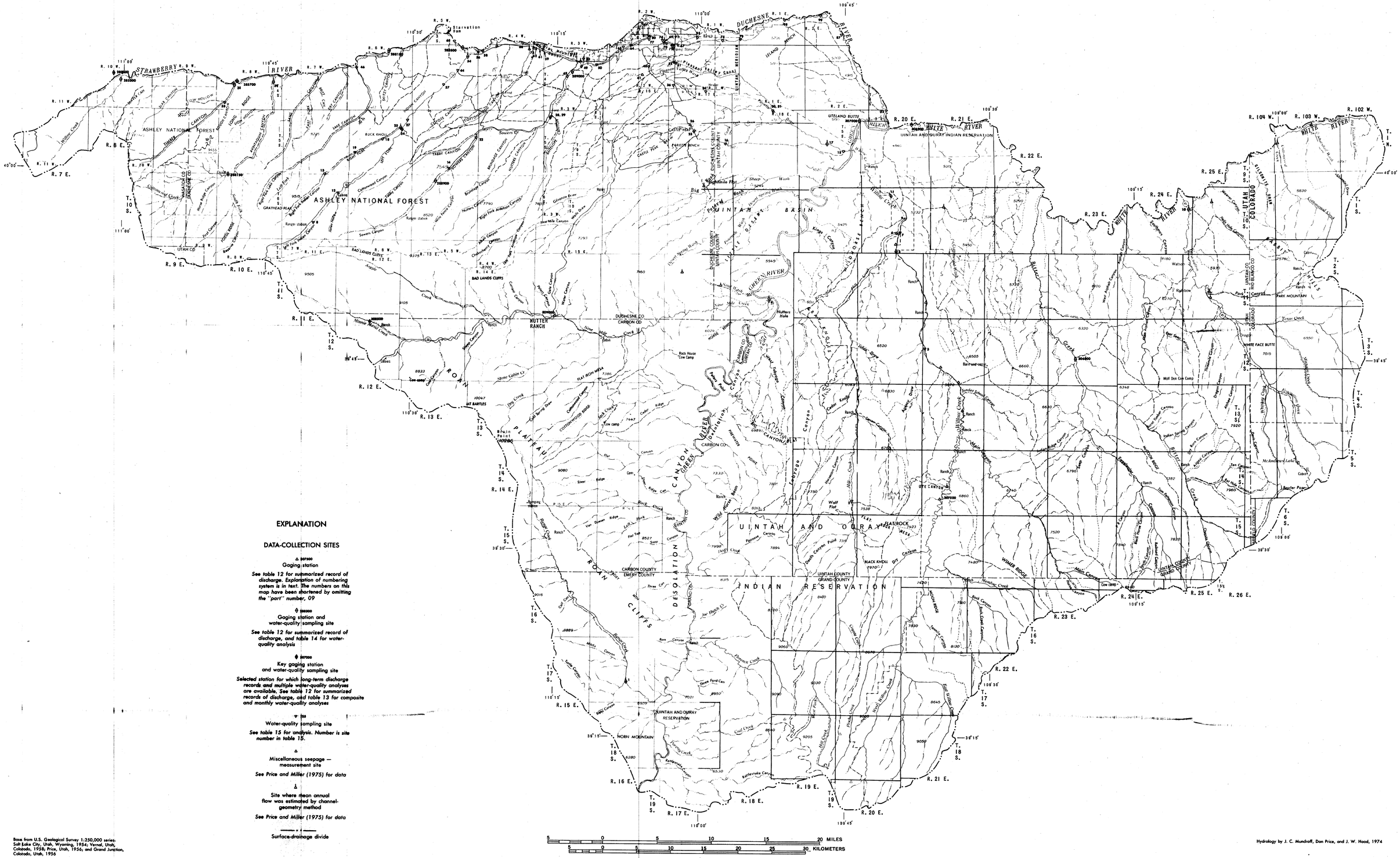
Surface-drainage divide



MAP SHOWING LOCATION OF SURFACE-WATER DATA SITES IN THE NORTHERN UINTA BASIN AREA, UTAH

Base from U.S. Geological Survey 1:250,000 series: Salt Lake City, Utah, Wyoming, 1954; and Vernal, Utah, Colorado, 1958

Hydrology by J. C. Mundorff and J. W. Hood, 1974



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Water-quality sampling site

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Miscellaneous seepage — measurement site

See Price and Miller (1975) for data

Site where mean annual flow was estimated by channel-geometry method

See Price and Miller (1975) for data

Surface-drainage divide

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