# SELECTED HYDROLOGIC DATA FOR THE CENTRAL VIRGIN RIVER BASIN AREA, WASHINGTON AND IRON COUNTIES, UTAH, 1915-97

By Chris D. Wilkowske, Victor M. Heilweil, and Dale E. Wilberg

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**BRUCE BABBITT, Secretary**

U.S. GEOLOGICAL SURVEY

Thomas J. Casadevall, Acting Director



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For additional information write to:

District Chief
U.S. Geological Survey
Room 1016 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Copies of this report can be purchased from:

U.S. Geological Survey
Branch of Information Services
Box 25286
Denver Federal Center
Denver, Colorado 80225

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

| Multiply | By | To obtain |
|---|---|---|
| acre | 0.4047 | hectare |
| | 4,047 | square meter |
| acre-foot (acre-ft) | 0.001233 | cubic hectometer |
| | 1,233 | cubic meter |
| cubic foot per second ($ft^3/s$) | 0.02832 | cubic meter per second |
| foot (ft) | 0.3048 | meter |
| gallon per minute (gal/min) | $6.3 \times 10^{-5}$ | cubic meter per second |
| inch (in.) | 25.4 | millimeter |
| mile (mi) | 1.609 | kilometer |
| square mile ($mi^2$) | 2.590 | square kilometer |

The unit cubic feet per second ($ft^3/s$) is used in this report and also can be expressed as 1 $ft^3/s$ = 1.9835 acre-feet per day.

Water temperature is reported in degrees Celsius ($^oC$), which can be converted to degrees Fahrenheit ($^oF$) by the following equation:

$$^oF = 1.8\ (^oC) + 32.$$

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

Chemical concentration and water temperature are reported only in metric units. Chemical concentration in water is reported in milligrams per liter (mg/L), which expresses the solute weight per unit volume (liter) of water. For concentrations less than 7,000 milligrams per liter, the numerical value is about the same as for concentrations in parts per million (ppm). Specific conductance is reported in microsiemens per centimeter at 25 degrees Celsius (µS/cm). Stable-isotope concentration is reported as permil, which is equivalent to parts per thousand. Tritium concentration in water is reported as picocuries per liter (pCi/L). The ratio of 1 atom of tritium to $10^{18}$ atoms of hydrogen is equal to 3.2 picocuries per liter or 1 tritium unit. Chlorofluorocarbon concentration is reported as picomoles per kilogram of solution (pmole/kg).

# Selected hydrologic data for the central Virgin River basin area, Washington and Iron Counties, Utah, 1915-97

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## ABSTRACT

Hydrologic data were collected in Washington and Iron Counties, Utah, from 1995 to 1997 to better understand the hydrologic system. Data from earlier years also are presented. Data collected from wells include well-completion data, water-level measurements, and physical properties of the water. Data collected from springs and surface-water sites include discharge and physical properties of the water. Selected water samples collected from ground- and surface-water sites were analyzed for isotopes, chlorofluorocarbons, and dissolved gases.

## INTRODUCTION

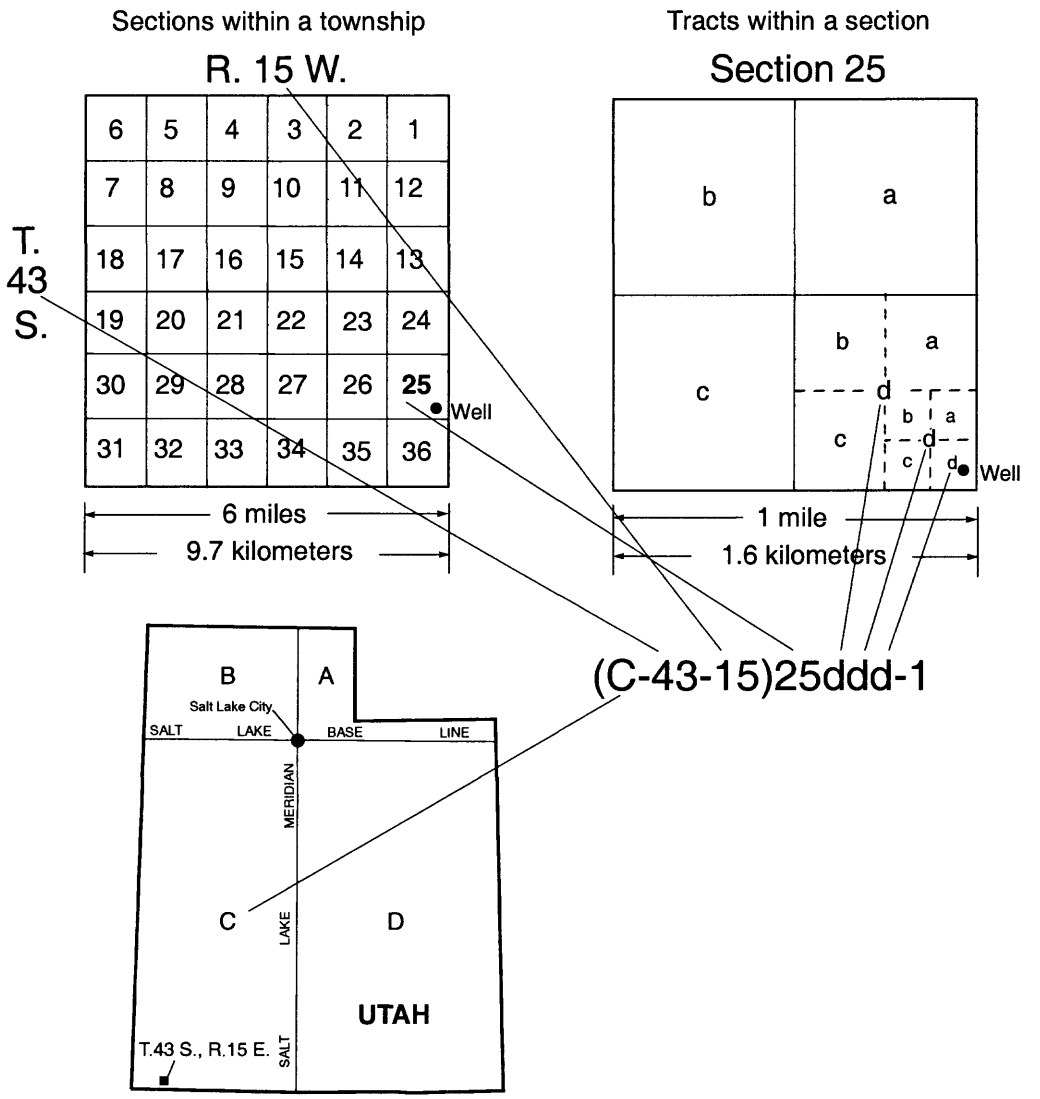
This report contains hydrologic data collected in Washington and Iron Counties, Utah, from 1995 to 1997, as well as data from earlier years. The study area is in the southwestern corner of Utah and includes all of Washington County west of the Hurricane Fault and the southern part of Iron County. The area is about 1,900 $mi^2$ and includes both the Basin and Range and the Colorado Plateau physiographic provinces described by Fenneman (1931).

Population in this area has increased by more than 160 percent from 1980 through 1995 (Utah State Data Center, 1991, 1997). Both full-time and winter residents are attracted to the area, known as "Utah's Dixie," because the climate is warmer there than in the rest of the State. The greatest challenge to further growth is the limited water resources because the climate is so dry. The largest constraint on development of additional residential areas and commercial activities is water supply. Surface water in the area drains from the central Virgin River drainage basin and is fully appropriated. The need for increased ground-water withdrawals prompted the Utah Department of Natural Resources, Division of Water Rights, to initiate a 4-year study of the ground-water resources of the area in cooperation with the U.S. Geological Survey and the Washington County Water Conservancy District. Data were collected to better understand the hydrologic system in the area and to assess the effects of increased ground-water withdrawals on ground-water levels, discharge from springs, surface-water flows, and water quality.

This report documents hydrologic data collected as part of the central Virgin River basin area ground-water study. Ground-water data were collected from existing wells and springs and from new wells completed by private owners, developments, and municipalities during 1995-97. For comparison, this report also provides data from earlier years, some of which were published previously by Cordova (1972, 1978) and Budding and Sommer (1986). Data also are available in Herbert and others (1997) for 12 long-term surface-water monitoring sites in the area: Leap Creek near Pintura, Utah (09406640); Wet Sandy Creek near Pintura, Utah (09406900); Leeds Creek near Leeds, Utah (09408000); Virgin River near Hurricane, Utah (09408150); St. George-Washington Canal near Washington, Utah (09408175); Santa Clara River near Pine Valley, Utah (09408400); Santa Clara River near Central, Utah (09409100); Santa Clara River at Gunlock, Utah (09409880); Santa Clara River near Santa Clara, Utah (09410100); Santa Clara River at St. George, Utah (09413000); Virgin River near Bloomington, Utah (09413200); and Virgin River near St. George, Utah (09413500).

The numbering system used in Utah for hydrologic-data sites is illustrated in figure 1. Records for 192 selected wells are listed in table 1. Water levels for 106 selected wells are listed in table 2. Discharge and physical properties of water from 42 springs are listed in table 3. Physical properties and chemical analyses of water from 118 ground- and surface-water sites are listed in table 4. Chemical analyses for isotopes, chlorofluorocarbons, and dissolved gases in water from 47 ground- and surface-water sites are listed in table 5. Discharge and physical properties of water from 46 surface-water sites are listed in table 6. The location of the wells, springs, and surface-water sites is shown on plate 1. Except for water-quality data presented in table 4 that was analyzed by other agencies, and chlorofluorocarbon data presented in table 5, standard U.S. Geological Survey field procedures were used to collect the data and water samples (Sylvester and others, 1990). Samples for chlorofluorocarbon analyses were collected

The system of numbering wells and springs in Utah is based on the cadastral land-survey system of the U.S. Government. The number, in addition to designating the well or spring, describes its position in the land net. The land-survey system divides the State into four quadrants separated by the Salt Lake Base Line and the Salt Lake Meridian. These quadrants are designated by the 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 the quarter-quarter-quarter section—generally 10 acres for a regular section[1]. The lowercase letters a, b, c, and d indicate, respectively, the northeast, northwest, southwest, and southeast quarters of each subdivision. The number after the letters is the serial number of the well or spring within the 10-acre tract. When the serial number is not preceded by a letter, the number designates a well. When the serial number is preceded by an "S," the number designates a spring. A number having all three quarter designations but no serial number indicates a miscellaneous data site other than a well or spring, such as a location for a surface-water measurement site. Thus, (C-43-15)25ddd-1 designates the first well constructed or visited in the southeast quarter of the southeast quarter of the southeast quarter of section 25, T. 43 S., R. 15 W.




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

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

directly from the well, spring, or surface-water site according to procedures described in Wilkowske (1998). Basic ion and tritium analyses were done by the U.S. Geological Survey Water Quality Laboratory. Oxygen and hydrogen isotope determinations were done by the U.S. Geological Survey Isotope Fractionation Project. Strontium isotope determinations were done by the Mineral Resources and Isotope Analysis Laboratory of the U.S. Geological Survey Yucca Mountain Project. Chlorofluorocarbon analyses were done by the University of Utah Department of Geology and Geophysics. Dissolved gas analyses were done by the U.S. Geological Survey, Eastern Region Office of Hydrologic Research.

These data could not have been collected without the cooperation of local residents and officials of water companies and municipalities, who permitted access to their wells, property, and data. Special thanks to Hurricane City, Santa Clara City, St. George City, Washington City, and the Washington County Water Conservancy District for their help with data-collection efforts in Washington County.

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**Table 1.** Records of selected wells in Washington and Iron Counties, Utah

[—, no data available; L, reported in drillers' logs; R, reported by Washington County Water Conservancy District]

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

Owner (Well name): Owner names separated by "/" indicate present owner and previous owner; well name is in parentheses. Land Management; USGS, U.S. Geological Survey; BIA, Bureau of Indian Affairs.

Primary use of site: W, withdrawal; O, observation; T, test; A, abandoned; U, unused.

Formation: Qs, silt, sand, gravel; Tvip, Pine Valley igneous suite; Qtaf, alluvium; QTb, basalt; Pk, Kaibab Formation; Jn, Navajo Jc, Carmel Formation; Trcs, Shinarump member of the Chinle Formation; Jmss, Springdale Sandstone member of the Moenave

Casing: Finish: P, perforated; F, gravel with perforations; G, gravel with screen; X, open hole; S, screen; O, open end.

Water level: Measured by the U.S. Geological Survey except where noted.

Yield rate: gal/min, gallons per minute; f, flowing.

Other data available: W, water-level measurements in table 2; C, chemical analyses in table 4; I, chemical analyses for isotopes,

| Location | Owner (Well name) | Year drilled | Primary use of site | Formation | Altitude of land surface (feet) |
|---|---|---|---|---|---|
| (C-37-12)14baa-2 | J.G. Pace | 1946 | W | Qs | 5,482 |
| (C-37-12)14dbc-1 | A.L. Graff / R. Prestwich | 1950 | W | Qs | 5,493 |
| (C-37-12)14dbd-1 | A.L. Graff / R. Prestwich | 1961 | W | Qs | 5,498 |
| (C-37-12)22ddd-1 | Alrick Zohner / T. Pugh | 1948 | W | Qs | 5,495 |
| (C-37-12)23abd-1 | Suicide Farms / R. Prestwich | — | W | Qs | 5,530 |
| (C-37-12)23acb-1 | J.S. Prestwich | 1915 | W | Qs | 5,512 |
| (C-37-12)28aac-1 | Leatha Graff Prestwich / R. Prestwich | 1978 | W | Qs | 5,550 |
| (C-37-12)28ccd -1 | Edwin Dorcel and Donna Lee Garner | 1987 | W | Qs | 5,610 |
| (C-37-12)33adb-1 | Lola N. Johnson | 1970 | W | Qs | 5,440 |
| (C-37-12)34abb-1 | Kanarra Irrigation Company | 1934 | W | Qs | 5,507 |
| (C-38-12)5dab-1 | Robert Ramirez | 1991 | W | Qs | 5,510 |
| (C-38-12)9add-1 | Ken Middleton / Mark Eads | 1977 | W | Qs | 5,424 |
| (C-38-12)9add-2 | Mark Eads / Kanarra Chekshani Partnership | 1992 | W | Qs | 5,423 |
| (C-38-12)9bba-1 | R. Williams | 1936 | W | Qs | 5,340 |
| (C-38-12)17ddd-1 | Graff Farms | 1978 | W | Qs | 5,180 |
| (C-38-12)18ccd-1 | Dennis Hardy and Randy Mott | 1982 | W | Qs | 5,190 |
| (C-38-12)19aab-1 | E. Graff | 1969 | W | Qs | 5,110 |
| (C-38-12)19aac-1 | Harmony Farms Water Users Association | 1994 | W | Qs | 5,110 |
| (C-38-12)20abb-1 | LDS Church | 1979 | W | Qs | 5,130 |

WCWCD, Washington County Water Conservancy District; LDS Church, Church of Jesus Christ of Latter Day Saints; BLM, Bureau of

Sandstone; Jk, Kayenta Formation; Trm, Moenkopi Formation; Jm, Moenave Formation; Ks, undifferentiated Cretaceous Sandstone; Formation; Trc, undifferentiated Chinle Formation; Trcp, Petrified Forest member of the Chinle Formation.

chlorofluorocarbons, and/or dissolved gas data in table 5.

| Location | Depth of well (feet) | Casing | | | | Water level | | Yield | | Other data available |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Diameter (inches) | Bottom (feet) | Finish | (feet) | Above (-) or below land surface (feet) | Date | Yield rate (gal/min) | Date | |
| (C-37-12)14baa-2 | 160 | — | 150 | P | 50-150 | — | — | 440 | 08-22-1995 | |
| (C-37-12)14dbc-1 | 264 | 16 | 179 | P | 189-237 | 57.64 | 10-04-1996 | — | — | W |
| | | 12 | 240 | | | | | | | |
| (C-37-12)14dbd-1 | 237 | 16 | 237 | F | 75-237 | 62.19 | 10-04-1996 | — | — | W |
| (C-37-12)22ddd-1 | 262 | 12 | 185 | P | 35-39 | 15.26 | 10-04-1996 | — | — | W |
| | | | | P | 68-75 | | | | | |
| | | | | P | 150-157 | | | | | |
| | | | | P | 161-165 | | | | | |
| (C-37-12)23abd-1 | 250 | — | — | — | — | — | — | 241 | 08-21-1995 | |
| (C-37-12)23acb-1 | 250 | 16 | 250 | P | 96-250 | 67.55 L | 10-10-1962 | 325 L | 08-22-1995 | W |
| (C-37-12)28aac-1 | 576 | 20 | 576 | P | 242-262 | 98.67 | 10-04-1996 | — | — | W |
| | | | | P | 424-429 | | | | | |
| | | | | P | 469-481 | | | | | |
| | | | | P | 511-516 | | | | | |
| | | | | P | 556-557 | | | | | |
| (C-37-12)28ccd -1 | 400 | 6 | 400 | F | 300-400 | 183.65 | 10-04-1996 | 100 | 06-07-1987 | W |
| (C-37-12)33adb-1 | 238 | 8 | 238 | P | 200-238 | 10.02 | 10-04-1996 | — | — | W |
| (C-37-12)34abb-1 | 190 | 12 | 190 | — | — | 34.49 | 03-03-1997 | 1,000 | 08-22-1997 | W |
| (C-38-12)5dab-I | 350 | 6 | 350 | F | 310-350 | 57.64 | 10-04-1996 | — | — | W |
| (C-38-12)9add-1 | 510 | 12 | 510 | F | 145-510 | 147.67 | 10-04-1996 | — | — | |
| (C-38-12)9add-2 | 355 | 12 | 355 | F | 235-285 | 136.30 | 10-04-1996 | 450 L | 01-24-1992 | W |
| | | | | F | 305-335 | | | | | |
| (C-38-12)9bba-I | 135 | — | — | P | — | 19.18 | 10-02-1996 | 20 | — | W |
| (C-38-12)17ddd-1 | 302 | 8 | 302 | F | 71-298 | 56.49 | 10-02-1996 | 25 L | 06-09-1978 | W |
| (C-38-12)18ccd-1 | 457 | 8 | 457 | G | 393-457 | 206.00 | 08-24-1995 | 50 L | 09-18-1982 | |
| (C-38-12)19aab-1 | 274 | 14 | 274 | P | 75-114 | 42.87 | 10-03-1996 | — | — | W |
| (C-38-12)19aac-1 | 800 | 16 | 400 | F | 250-800 | 89.63 | 10-03-1996 | 350 L | 04-16-1994 | W |
| | | 8 | 800 | | | | | | | |
| (C-38-12)20abb-1 | 705 | 16 | 705 | F | 300-705 | 25.51 | 10-03-1996 | — | — | W |

**Table 1.** Records of selected wells in Washington and Iron Counties, Utah—Continued

| Location | Owner (Well name) | Year drilled | Primary use of site | Formation | Altitude of land surface (feet) |
|---|---|---|---|---|---|
| (C-38-12)20bcc-1 | E.J. Graff | 1948 | W | Qs | 5,084 |
| (C-38-12)29acb-1 | National Park Service | 1965 | W | — | 5,095 |
| (C-38-12)29bda-1 | LDS Church (Well D) | 1993 | W | Qs | 5,085 |
| (C-38-12)31dad-1 | E.J. Graff | 1949 | W | Qs | 4,920 |
| (C-38-13)22cad-1 | Hebert H. Nakken Family Trust | 1994 | W | Tvip | 5,242 |
| (C-38-13)22daa-1 | Dallin Jessen | 1980 | W | Qs | 5,250 |
| (C-38-13)23bbb-1 | Dawn Setzer / Clyde Hunt | 1979 | W | Qs,Qtaf | 5,315 |
| (C-38-13)23cca-1 | Lester Iverson | 1946 | W | Qs | 5,200 |
| (C-38-13)24bab-1 | James Maxwell | 1983 | W | Qs | 5,260 |
| (C-38-13)26aba-1 | Charles F. Leeder | — | W | Tvip | 5,160 |
| (C-38-13)26aca-1 | Rick Rivers | — | W | — | 5,125 |
| (C-38-13)26adc-1 | Graff Farms | 1979 | W | Tvip | 5,100 |
| (C-38-13)26dda-1 | V. Jackson / John and Kathy Lind | 1983 | W | Tvip | 5,130 |
| (C-38-13)26ddb-1 | B.S. Ranch | — | — | — | 5,130 |
| (C-38-13)27aac-1 | Karolee Talbot / Keith Hall | 1989 | W | Tvip | 5,140 |
| (C-38-13)35aba-1 | LDS Church (Well B) | 1993 | W | Tvip | 5,010 |
| (C-38-13)35abb-1 | LDS Church (Well A) | 1993 | O | Tvip | 5,040 |
| (C-38-13)36cdd-1 | LDS Church (Well C) | 1994 | W | Tvip | 4,885 |
| (C-39-13)2aba-1 | LDS Church (Well E) | 1995 | W | Tvip | 5,015 |
| (C-39-13)25dcd-1 | Richard Gauvin | 1992 | W | QTb | 4,220 |
| (C-40-13)1cca-1 | Harold Payton | 1978 | W | Qs | 4,050 |
| (C-40-13)2daa-1 | Pintura Town | 1935 | W | Qtaf | 4,100 |
| (C-40-13)22dcd-1 | Newell Matheson | 1994 | W | Qs | 3,830 |
| (C-40-13)23aba-1 | McCullock | 1964 | T | Pk | 3,800 |
| [1](C-40-13)27bdb-1 | Anderson Ranch / J. Telaroli | 1958 | W | Qtaf | 3,840 |
| (C-40-13)28dca-1 | WCWCD (East Observation Well) | 1996 | O | Jn | 3,765 |
| (C-40-13)28dcb-1 | WCWCD (Original Cottom Well) | 1994 | O | Jn | 3,790 |

| Location | Depth of well (feet) | Casing | | | | Water level | | | Yield | | | Other data available |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Diameter (inches) | Bottom (feet) | Finish | (feet) | Above (-) or below land surface (feet) | | Date | Yield rate (gal/min) | | Date | |
| (C-38-12)20bcc-1 | 261 | — | 212 | P | 32-38 | 29.64 | | 10-03-1996 | 814 | | 08-22-1995 | |
| | | | | P | 60-76 | | | | | | | |
| | | | | P | 96-104 | | | | | | | |
| | | | | X | 212-261 | | | | | | | |
| (C-38-12)29acb-1 | 206 | 8 | 145 | P | 106-206 | 95.40 | | 10-03-1996 | 38.0 | L | 06-08-1965 | W |
| | | 6 | 206 | | | | | | | | | |
| (C-38-12)29bda-1 | 520 | 6 | 520 | F | 400-440 | 90.14 | | 10-03-1996 | — | | — | W |
| | | | | F | 440-480 | | | | | | | |
| (C-38-12)31dad-1 | 216 | 16 | — | P | 40-54 | — | | — | — | | — | |
| | | | | P | 88-126 | | | | | | | |
| | | | | P | 130-166 | | | | | | | |
| (C-38-13)22cad-1 | 430 | 12 | 430 | F | 200-430 | -1.23 | | 08-24-1995 | 350 | | 01-13-1994 | |
| (C-38-13)22daa-1 | 200 | 8 | 200 | F | 160-200 | 58.51 | | 10-03-1996 | 40 | | 05-15-1980 | W |
| (C-38-13)23bbb-1 | 265 | 8 | 243 | P | 105-130 | 83.57 | | 10-03-1996 | — | | — | W |
| (C-38-13)23cca-1 | 130 | 12 | 130 | P | 36-122 | 36.66 | | 10-29-1996 | 75 | | — | W |
| (C-38-13)24bab-1 | 280 | 6 | 276 | P | 246-276 | 88.80 | | 10-03-1996 | — | | — | W |
| (C-38-13)26aba-1 | 177 | 6 | 177 | P | 150-175 | 142.23 | | 10-29-1996 | — | | — | W |
| (C-38-13)26aca-1 | — | — | — | — | — | 110.76 | | 10-29-1996 | — | | — | |
| (C-38-13)26adc-1 | 199 | 8 | 62 | P | 40-62 | 82.44 | | 10-29-1996 | — | | — | W |
| | | 6 | 199 | P | 101-199 | | | | | | | |
| (C-38-13)26dda-1 | 200 | 6 | 200 | P | 160-200 | 128.32 | | 10-03-1996 | — | | — | |
| (C-38-13)26ddb-1 | 200 | 6 | — | — | — | 122.90 | | 11-04-1996 | — | | — | W |
| (C-38-13)27aac-1 | 258 | 6 | 258 | F | 160-180 | 46.18 | | 11-04-1996 | 200 | L | 12-22-1989 | W |
| | | | | F | 216-258 | | | | | | | |
| (C-38-13)35aba-1 | 620 | 12 | 620 | P | 220-620 | 59.33 | | 11-04-1996 | 1,050 | L | 11-03-1993 | W, C, I |
| (C-38-13)35abb-1 | 370 | 6 | 370 | P | 180-210 | 87.77 | | 02-20-1997 | 90 | L | 08-12-1993 | W, C |
| | | | | P | 250-280 | | | | | | | |
| | | | | P | 310-370 | | | | | | | |
| (C-38-13)36cdd-1 | 590 | 16 | 590 | P | 140-590 | 15.39 | | 11-04-1996 | 180 | L | 08-01-1994 | W, C |
| (C-39-13)2aba-1 | 600 | 16 | 400 | F | 200-600 | 324 | | 11-04-1996 | 1,000 | L | 01-06-1994 | W |
| | | 8 | 600 | | | | | | | | | |
| (C-39-13)25dcd-1 | 523 | 6 | 45 | X | 146-523 | 412 | L | 04-27-1992 | 11 | L | 04-25-1992 | |
| | | 5 | 146 | | | | | | | | | |
| (C-40-13)1cca-1 | 350 | 10 | 300 | P | 250-300 | 245 | L | 05-30-1978 | — | | — | I |
| (C-40-13)2daa-1 | 345 | 6 | 334 | X | 334-345 | 298 | L | 10-14-1935 | 15 | L | 10-14-1935 | C |
| (C-40-13)22dcd-1 | 360 | 6 | 180 | P | 320-340 | 220 | L | 02-03-1994 | — | | — | C, I |
| | | 5 | 360 | | | | | | | | | |
| (C-40-13)23aba-1 | 7,315 | 10 | 374 | — | — | — | | — | — | | — | C |
| | | 8 | 2,994 | | | | | | | | | |
| [1](C-40-13)27bdb-1 | 300 | 6 | 300 | P | 260-300 | 245 | L | 05-21-1958 | 21 | L | — | C |
| (C-40-13)28dca-1 | 400 | 5 | 400 | P | 160-380 | 21.01 | R | 03-14-1996 | — | | — | W |
| (C-40-13)28dcb-1 | 225 | 6 | 225 | P | 160-225 | 28.50 | R | 02-17-1996 | — | | — | W, C |

**Table 1.** Records of selected wells in Washington and Iron Counties, Utah—Continued

| Location | Owner (Well name) | Year drilled | Primary use of site | Formation | Altitude of land surface (feet) |
|---|---|---|---|---|---|
| (C-40-13)28dcb-2 | WCWCD (Production Well) | 1996 | W | Jn | 3,790 |
| (C-40-13)28dcc-1 | WCWCD (South Well) | 1996 | O | Jn | 3,775 |
| (C-40-13)31bcc-1 | Leeds Domestic (Well 1) | 1975 | W | Jk | 3,980 |
| (C-40-13)31dab-1 | Glenn Gunter (El Dorado Hills Well) | 1992 | W | Jk | 3,780 |
| (C-40-13)32bbc-1 | Kay Mills | — | W | Jk | 3,880 |
| (C-40-13)32dab-1 | Schmitz Brothers | 1936 | W | Trm | 3,780 |
| (C-40-13)32dab-2 | Kay Mills | 1991 | W | Jm | 3,780 |
| (C-40-13)33cca-1 | Gail Curtis (Casa de Oro Well) | 1982 | W | Jn | 3,680 |
| (C-40-13)33ccd-1 | W. Schueber / Karen McCall | 1966 | W | Jn | 3,680 |
| (C-40-16)9adb-1 | Dameron Valley Corporation | 1982 | T | Ks | 4,820 |
| (C-40-16)35adc-1 | Diamond Valley Acres | 1994 | W | Ks(or?)Jc | 4,750 |
| (C-40-16)36cbd-1 | Diamond Valley Acres (Well 1) | 1994 | T | Ks(or?)Jc | 4,820 |
| [2](C-40-17)21dca-1 | Gunlock Town | 1961 | W | Qs,Jn | 4,000 |
| (C-40-18)15dbd-1 | USGS (Motoqua Well) | 1993 | O | Jn | 4,400 |
| (C-41-13)4bbc-1 | H. Ludwig | 1971 | W | Jn | 3,720 |
| (C-41-13)5aac-2 | Alan Howard | 1974 | W | Jn | 3,660 |
| (C-41-13)5bbc-1 | Goddard / Savage | 1972 | W | Jn | 3,670 |
| [3](C-41-13)5dba-2 | Alan Howard | 1974 | W | Jn,Jk | 3,600 |
| (C-41-13)5dbc-2 | Alan Howard | — | W | Jn,Jk | 3,580 |
| (C-41-13)6aac-1 | Goddard / Savage | 1972 | W | Jk | 3,680 |
| (C-41-13)7ccb-1 | L. Sullivan | 1946 | W | Qs | 3,460 |
| [4](C-41-13)8baa-1 | Lorin Lee | 1977 | W | Jn,Jk | 3,540 |
| (C-41-13)12cbb-1 | La Verkin Town | 1957 | W | Trcs | 3,200 |
| (C-41-13)16bcd-1 | Sullivan Flowing Well | 1969 | W | Jmss | 3,240 |
| (C-41-13)31acd-1 | F. Judd | 1973 | W | Jn | 3,180 |
| (C-41-13)31cbd-1 | Hurricane City / Stratton | — | W | Jn | 3,020 |
| (C-41-13)31cdd-1 | Hurricane City / Stratton | — | W | Jn | 3,040 |
| (C-41-14)15ada-1 | BLM (Red Cliffs Well) | 1963 | W | Jk | 3,240 |
| (C-41-15)27add-1 | St. George City (Millcreek Well 3) | 1978 | A | Jn | 3,360 |
| (C-41-15)27dda-1 | St. George City (Millcreek Well 2) | 1983 | W | Jn | 3,325 |
| (C-41-15)32acd-1 | Terracor (Upper Middleton Wash) | 1974 | T | Jn | 3,530 |
| (C-41-15)34adb-1 | St. George City (Millcreek Well 1) | 1987 | W | Jn | 3,220 |
| (C-41-15)35cda-1 | Washington City (Millcreek Well 3) | 1983 | W | Jn | 3,135 |
| (C-41-15)36aad-1 | Washington City (Grapevine Pass Well) | 1996 | W | Jn | 3,490 |
| (C-41-16)4cbc-1 | Santa Clara City (Snow Canyon Well 6) | 1990 | W | Jn | 3,650 |

| Location | Depth of well (feet) | Casing | | | | Water level | | | Yield | | | Other data available |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Diameter (inches) | Bottom (feet) | Finish (feet) | | Above (-) or below land surface (feet) | | Date | Yield rate (gal/min) | | Date | |
| (C-40-13)28dcb-2 | 500 | 16 | 500 | S | 110-230 | 31.60 | R | 03-14-1996 | 1,200 | L | 02-05-1996 | W, C |
| | | | | S | 250-370 | | | | | | | |
| | | | | S | 390-470 | | | | | | | |
| (C-40-13)28dcc-1 | 400 | 5 | 400 | P | 160-380 | 29.15 | R | 03-14-1996 | — | | — | W |
| (C-40-13)31bcc-1 | 400 | 16 | 69 | X | 69-400 | 204.37 | | 02-22-1996 | — | | — | W, C, I |
| (C-40-13)31dab-1 | 335 | 8 | 335 | P | 255-335 | 100.47 | | 02-26-1997 | 150 | L | 04-18-1992 | |
| (C-40-13)32bbc-1 | — | — | — | — | — | 131.24 | | 02-25-1997 | — | | — | |
| (C-40-13)32dab-1 | 110 | 6 | 110 | P | 85-110 | 51.72 | | 02-25-1997 | — | | — | |
| (C-40-13)32dab-2 | 162 | 6 | 162 | P | 140-157 | 63 | L | 05-11-1991 | 3 | L | 05-01-1991 | C |
| (C-40-13)33cca-1 | 156 | 8 | 156 | P | 109-125 | 13.98 | | 02-26-1997 | 70 | L | 03-01-1982 | |
| (C-40-13)33ccd-1 | 115 | 10 | 115 | P | 90-92 | 18 | L | 09-30-1966 | — | | — | |
| (C-40-16)9adb-1 | 380 | 6 | 300 | P | 180-280 | 140 | L | 08-13-1982 | — | | — | C |
| (C-40-16)35adc-1 | 360 | 8 | 340 | P | 160-340 | 203.40 | | 03-27-1997 | — | | — | |
| (C-40-16)36cbd-1 | 460 | 10 | 30 | X | 30-460 | 360 | L | 08-16-1994 | — | | — | C |
| [2](C-40-17)21dca-1 | 127 | 6 | 90 | P | 52-63 | 21.58 | | 02-18-1996 | 30 | L | 10-04-1961 | C |
| (C-40-18)15dbd-1 | 998 | 8 | 40 | P | 927-967 | 834.30 | | 02-12-1996 | — | | — | W |
| | | 4 | 968 | | | | | | | | | |
| (C-41-13)4bbc-1 | 100 | 8 | 100 | P | 30-95 | 27 | L | 02-26-1971 | — | | — | C |
| (C-41-13)5aac-2 | 97 | 8 | 83 | X | 83-97 | 14.89 | | 03-01-1997 | 60 | L | 11-18-1974 | |
| (C-41-13)5bbc-1 | 310 | 8 | 40 | X | 40-310 | 54.65 | | 03-26-1997 | — | | — | W, C |
| [3](C-41-13)5dba-2 | 97 | 8 | 83 | X | 83-97 | 21 | L | 11-18-1979 | 60 | L | 11-18-1974 | I |
| (C-41-13)5dbc-2 | — | — | — | — | — | 20.10 | | 03-26-1997 | — | | — | |
| (C-41-13)6aac-1 | 260 | 10 | 31 | X | 31-260 | 73 | L | 04-19-1972 | 230 | L | 04-19-1972 | C |
| (C-41-13)7ccb-1 | 98 | 12 | 93 | P | 12-43 | 10.25 | | 02-19-1997 | 117 | L | — | W,C |
| [4](C-41-13)8baa-1 | 100 | 8 | 100 | P | 30-40 | 50.37 | | 03-26-1997 | — | | — | C |
| | | | | P | 60-100 | | | | | | | |
| (C-41-13)12cbb-1 | 165 | 8 | 16 | — | — | 35 | | 05-08-1957 | — | | — | C |
| (C-41-13)16bcd-1 | 1,128 | 8 | — | — | — | — | | — | 94f | L | — | C, I |
| (C-41-13)31acd-1 | 259 | 5 | 259 | O | 259 | 181.00 | L | 01-08-1975 | — | | — | C |
| (C-41-13)31cbd-1 | 344 | 12 | — | — | — | 124.04 | | 02-19-1996 | — | | — | |
| (C-41-13)31cdd-1 | — | 14 | — | — | — | 150.04 | | 02-19-1996 | — | | — | W |
| (C-41-14)15ada-1 | 65 | 6 | 47 | P | 30-45 | 30 | L | 06-07-1963 | 20 | L | 06-07-1963 | C |
| (C-41-15)27add-1 | 495 | 10 | 21 | X | 21-495 | 200 | L | 08-17-1978 | — | | — | C |
| (C-41-15)27dda-1 | 810 | 12 | 768 | P | 330-434 | 249.18 | | 02-16-1996 | 1,200 | L | 02-07-1983 | C, I |
| | | | | S | 440-768 | | | | | | | |
| (C-41-15)32acd-1 | 595 | 14 | 15 | X | 15-595 | 482.53 | | 02-21-1996 | — | | — | W, C |
| (C-41-15)34adb-1 | 782 | 16 | 782 | S | 300-782 | 228.02 | | 02-16-1996 | — | | — | W, C |
| (C-41-15)35cda-1 | 505 | 12 | 505 | S | 265-345 | 178.72 | | 02-23-1996 | 240 | L | 04-04-1983 | W, C |
| | | | | S | 365-505 | | | | | | | |
| (C-41-15)36aad-1 | 900 | 24 | 6 | S | 496-900 | 346.93 | | 03-01-1996 | 180 | | 02-21-1996 | C, I |
| | | 12 | 900 | | | | | | | | | |
| (C-41-16)4cbc-1 | 1,040 | 16 | 980 | S | 580-980 | 417.24 | | 02-22-1996 | 1,200 | L | 08-07-1995 | W, C |
| | | | | X | 980-1,030 | | | | | | | |

**Table 1.** Records of selected wells in Washington and Iron Counties, Utah—Continued

| Location | Owner (Well name) | Year drilled | Primary use of site | Formation | Altitude of land surface (feet) |
|---|---|---|---|---|---|
| (C-41-16)9bbd-1 | St. George City (Snow Canyon Well 4) | — | W | Jn | 3,560 |
| (C-41-16)9cba-1 | St. George City (Snow Canyon Well 3)[5] | 1974 | W | Jn | 3,500 |
| (C-41-16)16bbd-1 | St. George City (Snow Canyon Well 2) | 1979 | W | Jn | 3,460 |
| (C-41-16)16cdb-1 | St. George City (Snow Canyon Well 1a) | 1974 | W | Jn | 3,420 |
| (C-41-16)16cdb-2 | St. George City (Snow Canyon Well 1b) | 1979 | W | Jn | 3,420 |
| (C-41-16)21abb-1 | St. George City (Snow Canyon Well 5) | 1988 | W | Jn | 3,400 |
| (C-41-16)23aaa-1 | Winchester Hills (Well 2) | — | W | Jn | 3,910 |
| (C-41-16)23bba-2 | Winchester Hills (Well 1) | 1986 | W | Jn | 3,840 |
| (C-41-16)24cbb-1 | R.C. Tolman | 1995 | W | Jn | 3,880 |
| (C-41-17)7ada-2 | St. George City (Gunlock Well 6) | 1990 | W | Jn | 3,598 |
| (C-41-17)7ddb-1 | St. George City (Gunlock Well 2) | 1965 | W | Jn | 3,570 |
| (C-41-17)8acc-1 | St. George City (Gunlock Well 7) | 1995 | W | Jn | 3,485 |
| (C-41-17)8bad-1 | St. George City (Gunlock Well 5) | 1976 | W | Jn | 3,443 |
| [6](C-41-17)8cda-1 | St. George City (Gunlock Original Well 4) | 1970 | A | Jn | 3,460 |
| (C-41-17)8cda-2 | St. George City (Gunlock New Well 4) | 1990 | W | Jn | 3,445 |
| [7](C-41-17)8cdb-1 | St. George City (Gunlock Well 1) | 1967 | W | Jn | 3,477 |
| (C-41-17)8dba-1 | St. George City (Gunlock Well 8) | 1995 | W | Jn | 3,454 |
| (C-41-17)17bdb-1 | St. George City (Gunlock Original Well 3) | 1965 | A | Jn | 3,444 |
| (C-41-17)29aba-1 | BIA (Shivwits Flowing Well) | 1996 | T | Trcs | 3,240 |
| (C-42-13)6bcd-1 | — | — | W | — | 3,080 |
| (C-42-13)6bac-1 | Winding Rivers / Wayne Wilson | 1962 | W | Jn | 3,035 |
| (C-42-13)6bcc-1 | Winding Rivers / Wayne Wilson | 1974 | W | Jn | 3,000 |
| (C-42-13)6cad-1 | Hurricane City (Well 1) | 1978 | W | Jn | 3,060 |
| (C-42-13)7bba-1 | Winding Rivers / Wayne Wilson | 1958 | W | Jn | 2,960 |
| (C-42-13)7bba-2 | Winding Rivers / Wayne Wilson | 1962 | W | Jn | 2,960 |
| (C-42-13)7bba-3 | Winding Rivers / Wayne Wilson | 1965 | W | Jn | 2,960 |
| (C-42-13)7bcc-2 | Seventh Day Adventist | — | W | Jn | 2,920 |
| (C-42-13)7bcc-3 | Seventh Day Adventist | 1977 | W | Jn | 2,920 |
| (C-42-13)7ccb-1 | Winding Rivers / Wayne Wilson | 1974 | W | Jn | 2,950 |
| (C-42-13)7ccb-2 | Winding Rivers / Wayne Wilson | 1992 | W | Jn | 2,950 |
| [9](C-42-13)7ccc-1 | Royal Garden / Hydro Tech | 1964 | W | Jn | 2,960 |
| (C-42-13)7ccc-2 | Wayne Wilson | 1989 | W | Jn | 2,950 |
| (C-42-13)7cdb-1 | Cooper Well | — | — | Jn | 3,180 |
| (C-42-13)15bad-1 | Lester Cannon | 1975 | W | — | 3,360 |
| (C-42-13)18bcb-1 | Winding Rivers / Wayne Wilson | 1958 | U | — | 2,960 |

| Location | Depth of well (feet) | Casing | | | | Water level | | | Yield | | | Other data available |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Diameter (inches) | Bottom (feet) | Finish | (feet) | Above (-) or below land surface (feet) | | Date | Yield rate (gal/min) | | Date | |
| (C-41-16)9bbd-1 | — | 16 | — | — | — | — | | — | 550 | | 06-30-1995 | C |
| (C-41-16)9cba-1 | 425 | 16 | — | — | — | 287 | | 11- -1974 | 525 | | 06-30-1995 | C |
| (C-41-16)16bbd-1 | 830 | 16 | 830 | S | 350-830 | 300.74 | | 02-16-1996 | — | | — | C, I |
| (C-41-16)16cdb-1 | 685 | 8 | — | X | — | 216.88 | | 02-16-1996 | — | | — | W, C |
| (C-41-16)16cdb-2 | 647 | 26 | 30 | S | 267-647 | 175 | L | 02-28-1979 | — | | — | |
| | | 16 | 647 | | | | | | | | | |
| (C-41-16)21abb-1 | 625 | 16 | 620 | S | 200-620 | 211.77 | | 02-28-1997 | 165 | | 06-30-1995 | C |
| (C-41-16)23aaa-1 | 1,020 | 10 | — | — | — | 720.00 | | 04-18-1996 | — | | — | |
| (C-41-16)23bba-2 | 1,050 | 10 | 960 | P | 740-940 | 722 | L | 01-29-1986 | — | | — | C, I |
| (C-41-16)24cbb-1 | 1,120 | 30 | 12 | S | 900-1,080 | 754.92 | | 02-18-1996 | — | | — | |
| | | 16 | 1,120 | S | 1,100-1,120 | | | | | | | |
| (C-41-17)7ada-2 | 606 | 16 | 573 | S | 123-573 | 246.38 | | 02-16-1996 | 500 | | 01-16-1996 | W, C, I |
| (C-41-17)7ddb-1 | 500 | 24 | 17 | P | 176-466 | 227.15 | | 02-29-1996 | 600 | | 01-16-1996 | W, C, I |
| | | 16 | 288 | | | | | | | | | |
| | | 10 | 466 | | | | | | | | | |
| (C-41-17)8acc-1 | 800 | 26 | 120 | S | 200-800 | 74.29 | | 02-18-1996 | 850 | L | 02-05-1996 | W, C, I |
| | | 16 | 800 | | | | | | | | | |
| (C-41-17)8bad-1 | 384 | 16 | 384 | P | 100-384 | 24.26 | | 02-24-1996 | 1,130 | | 06-30-1995 | C, I |
| [6](C-41-17)8cda-1 | 500 | None | — | — | — | 67.00 | | 01- -1974 | — | | — | C |
| (C-41-17)8cda-2 | 606 | 16 | 573 | S | 123-573 | 94.49 | | 02-18-1996 | 2,000 | L | 03-30-1990 | W, I |
| [7](C-41-17)8cdb-1 | 500 | 24 | 4 | P | 100-280 | 136.40 | | 02-16-1996 | 550 | | 06-30-1995 | C |
| | | 16 | 283 | | | | | | | | | |
| (C-41-17)8dba-1 | 800 | 26 | 100 | S | 200-800 | 46.87 | | 02-18-1996 | 1,400 | L | 07-18-1995 | W, C, I |
| | | 16 | 800 | | | | | | | | | |
| (C-41-17)17bdb-1 | 626 | 16 | 9 | X | 9-626 | 115.49 | | 02-24-1997 | — | | — | W, C, I |
| (C-41-17)29aba-1 | 700 | 10 | 46 | P | 100-300 | — | | — | 50f | L | 10-30-1996 | C, I |
| | | 8 | 100 | P | 560-629 | | | | | | | |
| | | 6 | 700 | P | 671-700 | | | | | | | |
| (C-42-13)6bac-1 | 180 | 6 | 117 | X | 117-180 | 132.38 | | 02-17-1996 | 15 | L | 11-28-1975 | W |
| (C-42-13)6bcd-1 | — | 8 | — | — | — | 105.27 | | 02-20-1997 | — | | — | W |
| (C-42-13)6bcc-1 | 417 | 8 | 100 | X | 100-417 | 105.00 | | 02-17-1996 | — | | — | I |
| (C-42-13)6cad-1 | 600 | 18 | 190 | S | 190-600 | 202.68 | | 02-19-1996 | — | | — | W, C |
| | | 16 | 600 | | | | | | | | | |
| (C-42-13)7bba-1 | 185 | 8 | 18 | X | 18-185 | 60.00 | | 02-17-1996 | 725 | L | — | W, C |
| (C-42-13)7bba-2 | 127 | 16 | 15 | X | 15-127 | 60.67 | | 02-17-1996 | — | | — | W |
| (C-42-13)7bba-3 | 705 | 12 | 50 | X | 50-705 | 51 | L | 10- -1974 | 1,400 | | 09-27-1995 | C, I |
| (C-42-13)7bcc-2 | 300 | — | — | — | — | — | | — | [8]275 | | 08-24-1995 | |
| (C-42-13)7bcc-3 | 1,860 | 8 | 360 | X | 360-1,860 | 52.90 | | 06-27-1995 | — | | — | |
| (C-42-13)7ccb-1 | 400 | 8 | 84 | X | 84-400 | 49 | L | 03-14-1974 | 360 | | 08-23-1995 | |
| (C-42-13)7ccb-2 | 250 | 6 | 100 | X | 100-250 | 70.03 | | 02-17-1996 | 150 | R | 08-24-1995 | |
| [9](C-42-13)7ccc-1 | 129 | 16 | 15 | X | 15-129 | 32 | | 10- -1974 | 725 | L | — | C |
| (C-42-13)7ccc-2 | 230 | 8 | 100 | X | 100-230 | 65.30 | | 02-17-1996 | 264 | L | 10-06-1995 | W |
| (C-42-13)7cdb-1 | — | — | — | — | — | — | | — | — | | — | C |
| (C-42-13)15bad-1 | 400 | 10 | 400 | P | 285-365 | 255.55 | | 03-27-1997 | — | | — | |
| (C-42-13)18bcb-1 | 258 | 8 | 18 | X | 18-258 | 68.67 | | 02-17-1996 | — | | — | W |

**Table 1.** Records of selected wells in Washington and Iron Counties, Utah—Continued

| Location | Owner (Well name) | Year drilled | Primary use of site | Formation | Altitude of land surface (feet) |
|---|---|---|---|---|---|
| (C-42-13)18bcb-2 | Wayne Wilson | 1959 | W | Jn | 2,960 |
| (C-42-13)20acb-1 | Ronald Lemmon | 1979 | A | Jn | 3,300 |
| (C-42-13)22bbb-1 | Wayne Wilson | 1973 | U | Qs | 3,310 |
| (C-42-13)30bdc-1 | WCWCD / Hurricane Valley Mutual (Sky Ranch Well) | 1994 | W | Jn | 3,040 |
| [10](C-42-14)11aba-1 | E. Stringham | 1956 | W | QTb,Qs | 2,880 |
| (C-42-14)12aad-1 | Winding Rivers | 1994 | W | Jn | 2,910 |
| (C-42-14)12ada-1 | Wayne Wilson | 1974 | W | Jn | 2,900 |
| (C-42-14)12add-1 | Tim and Lea Thompson | 1975 | W | Jn | 2,910 |
| (C-42-14)12dba-1 | Winding Rivers / L. Wilson | 1977 | W | Jn | 2,925 |
| (C-42-14)12dba-2 | Winding Rivers | 1993 | U | Jn | 2,920 |
| (C-42-14)12dbb-1 | Winding Rivers / L. Wilson[11] | 1964 | W | Jn | 2,920 |
| (C-42-14)12dbb-2 | Winding Rivers | 1995 | W | Jn | 2,920 |
| (C-42-14)12dbb-3 | Winding Rivers | 1994 | W | Jn | 2,920 |
| (C-42-14)12dbc-1 | Winding Rivers / L. Wilson | 1977 | W | Jn | 2,925 |
| (C-42-14)12dbd-1 | Graff | 1995 | — | Jn | 2,980 |
| (C-42-14)12dda-1 | Winding Rivers / Wayne Wilson | 1974 | W | Jn | 2,940 |
| (C-42-14)13aad-1 | Dale Wilson | 1985 | W | Jn | 2,940 |
| (C-42-14)13aad-2 | Dale Wilson | 1977 | W | Jn | 2,940 |
| (C-42-14)13abc-1 | Mike Hughes | 1982 | W | Jn | 2,955 |
| (C-42-14)13acc-1 | Wayne Wilson | 1995 | W | Jn | 2,960 |
| (C-42-14)13acd-1 | WCWCD (Observation Well 4) | 1995 | O | Jn | 2,960 |
| (C-42-14)13dca-1 | WCWCD (Observation Well 2) | 1995 | O | Jn | 2,988 |
| (C-42-14)13ddd-1 | WCWCD (Observation Well 1) | 1995 | O | Jn | 3,001 |
| (C-42-14)14aad-1 | WCWCD ("RJ's" Observation Well) | 1995 | O | Jn | 2,953 |
| (C-42-14)14bcc-1 | E. Stratton (Well 2) | — | — | Jn | 3,020 |
| (C-42-14)15aab-1 | A. Stratton / D. Wilkey / Zion View Ostrich Farm | 1979 | W | Jk | 2,830 |
| (C-42-14)15aba-1 | E. Stratton / Dave and Roxey Wilson | 1961 | W | Jk | 2,820 |
| (C-42-14)15cbd-1 | Wilson | — | U | — | 2,800 |
| (C-42-14)15cbd-2 | David Wilson | 1995 | W | Jk | 2,810 |
| (C-42-14)15dab-2 | L. Graff / A. Stratton | 1978 | W | Jn | 2,910 |
| (C-42-14)15dad-1 | A. Stratton / L. Graff | 1981 | W | Jn | 2,995 |
| (C-42-14)19cac-1 | — | — | W | Jn | 2,720 |
| (C-42-14)20abc-1 | S. Sorensen | 1963 | W | Trm | 2,720 |
| (C-42-14)21ccb-1 | St. George-Washington Canal Company | 1963 | W | Qs | 2,760 |
| (C-42-14)23abc-1 | WCWCD (Observation Well 5) | 1995 | O | Jn | 2,994 |
| (C-42-14)23daa-1 | WCWCD (Observation Well 3) | 1995 | O | Jn | 3,025 |

| Location | Depth of well (feet) | Casing | | | | Water level | | | Yield | | | Other data available |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Diameter (inches) | Bottom (feet) | Finish | (feet) | Above (-) or below land surface (feet) | | Date | Yield rate (gal/min) | | Date | |
| (C-42-13)18bcb-2 | 194 | 14 | 17 | X | 17-194 | 67.40 | | 02-17-1996 | — | | — | W |
| (C-42-13)20abc-1 | 410 | 16 | 125 | X | 365-410 | 337 | L | 06-20-1979 | | | | |
| | | 12 | 365 | | | | | | | | | |
| (C-42-13)22bbb-1 | 500 | 12 | 428 | P | — | 226.17 | | 03-27-1997 | — | | — | |
| | | | | X | 428-500 | | | | | | | |
| (C-42-13)30bdc-1 | 590 | 12 | 52 | X | 52-590 | 130.52 | | 02-19-1996 | 210 | L | 05-06-1994 | W, C, I |
| [10](C-42-14)11aba-1 | 67 | 10 | 54 | P | 44-54 | 52.26 | | 02-20-1997 | — | | — | W,C |
| (C-42-14)12aad-1 | 425 | 12 | 425 | S | 40-425 | 35 | L | 07-09-1994 | — | | — | |
| (C-42-14)12ada-1 | 300 | 12 | 101 | X | 101-300 | 38.34 | | 02-17-1996 | — | | — | W,C |
| (C-42-14)12add-1 | 200 | — | — | — | — | — | | — | 110 | R | 08-24-1995 | |
| (C-42-14)12dba-1 | 290 | 10 | 10 | X | 10-290 | 65.84 | | 02-17-1996 | 75 | | 08-23-1995 | W |
| (C-42-14)12dba-2 | 510 | 12 | 510 | P | 120-490 | 64.95 | | 02-17-1996 | — | | — | W |
| (C-42-14)12dbb-1 | 140 | 16 | 23 | X | 23-140 | 60.81 | | 02-17-1996 | 307 | | 08-23-1995 | W |
| (C-42-14)12dbb-2 | 560 | 20 | 24 | S | 200-560 | 63.14 | | 02-17-1996 | 317 | | 08-23-1995 | W |
| | | 12 | 560 | | | | | | | | | |
| (C-42-14)12dbb-3 | 510 | 20 | 30 | S | 140-503 | 59.59 | | 02-17-1996 | 284 | | 09-27-1995 | W, I |
| | | 12 | 503 | | | | | | | | | |
| (C-42-14)12dbc-1 | 270 | 10 | 100 | X | 100-270 | 61.76 | | 02-17-1996 | 136 | | 08-23-1995 | W |
| (C-42-14)12dbd-1 | — | — | — | — | — | — | — | — | — | | — | C |
| (C-42-14)12dda-1 | 425 | 12 | 40 | X | 40-425 | 62.70 | | 02-17-1996 | 566 | L | 08-24-1995 | W, C |
| (C-42-14)13aad-1 | 200 | 8 | 20 | X | 20-200 | 59.40 | | 02-17-1996 | 125 | | 08-24-1995 | W |
| (C-42-14)13aad-2 | 153 | 6 | 100 | X | 100-153 | 54.17 | | 02-17-1996 | — | | — | W |
| (C-42-14)13abc-1 | 250 | 8 | 100 | X | 100-250 | 56.71 | | 02-17-1996 | 60 | L | 01-15-1982 | W |
| (C-42-14)13acc-1 | 220 | 8 | 9 | X | 9-220 | 66.99 | | 02-17-1996 | 25 | L | 02-07-1995 | W |
| (C-42-14)13acd-1 | 90 | 1 | 90 | S | 80-90 | 59.49 | R | 02-26-1996 | — | | — | W |
| (C-42-14)13dca-1 | 104 | 1 | 104 | S | 94-104 | 77.15 | R | 02-26-1996 | — | | — | W |
| (C-42-14)13ddd-1 | 110 | 1 | 110 | S | 100-110 | 86.69 | R | 02-26-1996 | — | | — | W |
| (C-42-14)14aad-1 | 205 | 1 | 205 | P | 195 -205 | 54.57 | R | 02-26-1996 | — | | — | W |
| (C-42-14)14bcc-1 | — | — | — | X | 72-175 | — | | — | — | | — | C |
| (C-42-14)15aab-1 | 251 | 16 | 241 | P | 120-241 | 106.00 | | 03-26-1997 | 1,200 | L | 05-08-1979 | |
| (C-42-14)15aba-1 | 175 | 10 | 72 | — | — | — | | — | — | | — | C |
| (C-42-14)15cbd-1 | — | 8 | — | — | — | 91.19 | | 02-20-1997 | — | | — | W |
| (C-42-14)15cbd-2 | 200 | 8 | 130 | X | 130-200 | 96.35 | | 03-26-1997 | — | | — | |
| (C-42-14)15dab-2 | 145 | 6 | 105 | X | 105-145 | 26.05 | | 02-22-1996 | 25 | L | 07-07-1978 | W |
| (C-42-14)15dad-1 | 545 | 16 | 18 | X | 18-545 | 75.00 | | 02-22-1996 | — | | — | W |
| (C-42-14)19cac-1 | — | 8 | — | — | — | 70.09 | | 02-20-1997 | — | | — | W |
| (C-42-14)20abc-1 | 205 | 6 | 165 | — | — | 115 | | 08- -1963 | — | | — | C |
| (C-42-14)21ccb-1 | 80 | 16 | 35 | — | — | 16.0 | | 07- -1963 | — | | — | C |
| (C-42-14)23abc-1 | 160 | 1 | 160 | S | 150-160 | 73.11 | R | 02-26-1996 | — | | — | W |
| (C-42-14)23daa-1 | 164 | 1 | 164 | S | 144-164 | 97.83 | R | 02-26-1996 | — | | — | W |

**Table 1.** Records of selected wells in Washington and Iron Counties, Utah—Continued

| Location | Owner (Well name) | Year drilled | Primary use of site | Formation | Altitude of land surface (feet) |
|---|---|---|---|---|---|
| (C-42-14)25abb-1 | Terracor | 1970 | T | Jn | 3,010 |
| (C-42-14)26bbb-1 | Terracor (Well 2) | 1970 | T | Jn | 3,040 |
| (C-42-14)34cad-1 | Terracor (Well 1) | 1970 | T | Jn | 3,510 |
| (C-42-15)2bcb-1 | Washington City (Millcreek Well 2) | 1979 | W | Jn | 3,092 |
| (C-42-15)3acd-1 | Washington City (Millcreek Well 5) | 1986 | W | Jn | 3,046 |
| (C-42-15)3daa-1 | Washington City (Millcreek Well 4) | 1985 | W | Jn | 3,066 |
| (C-42-15)3dda-1 | Washington City (Millcreek Well 6) | — | W | Jn | 3,037 |
| (C-42-15)6dcd-1 | St. George City (City Creek Well 2) | 1974 | W | Jn | 3,308 |
| [12](C-42-15)6dcd-2 | St. George City (City Creek Well 1) | 1973 | W | Jn | 3,296 |
| (C-42-15)10bcd-1 | Washington City (Green Springs Well) | 1972 | W | Jn | 3,010 |
| (C-42-15)11dcb-1 | Washington City (Millcreek Well 1) | — | A | Jk | 2,970 |
| (C-42-15)14dad-1 | D. Nisson | 1958 | W | Trc | 2,840 |
| (C-42-15)19cac-1 | R. Prince | 1960 | W | Jk | 3,040 |
| (C-42-15)22ccb-1 | D. Bundy | 1964 | W | Jm | 2,720 |
| (C-42-15)26aca-1 | — | — | — | — | 2,610 |
| (C-42-15)29bca-1 | Dixie College | 1991 | W | Jm | 2,760 |
| (C-42-15)30ada-1 | W. Oliphant | 1960 | W | Jk | 2,740 |
| (C-42-15)30cbd-1 | E. Stringham | 1957 | W | Jm | 2,660 |
| (C-42-15)30dcd-2 | K. Empey | 1961 | W | Trcp | 2,645 |
| (C-42-15)34dba-2 | St. George City (East Stake LDS Well) | 1968 | W | Trcs | 2,800 |
| (C-42-16)1ccd-1 | Twist Hollow Well | 1974 | A | Jk | 3,010 |
| (C-42-16)5bbb-1 | W. Hafen | 1963 | W | Jm | 3,080 |
| (C-42-16)13ccd-1 | J. and J. Mill and Lumber Company | 1965 | W | Qs | 2,920 |
| (C-42-16)14daa-1 | St. George City | 1964 | W | Jk | 2,915 |
| [13](C-42-16)16caa-1 | St. George-Santa Clara Canal Company | 1953 | W | Qs | 2,780 |
| [14](C-42-16)22cdb-1 | S. Frei / H. Wilson / C. Graff | 1946 | W | Qs | 2,725 |
| (C-42-16)22cdd-1 | St. George City (Sunbrook Golf Course Well) | 1996 | W | Trcs | 2,660 |
| (C-42-16)22dca-1 | L. Frei | 1966 | W | Qs | 2,700 |
| (C-42-16)24bdd-1 | Bluff Park | 1977 | — | Jm | 2,860 |
| (C-42-16)26bcc-1 | W. Snow | 1961 | W | Qs | 2,640 |
| (C-42-17)1aac-1 | — | — | W | — | 3,000 |
| (C-43-13)5bdd-1 | Spillsberry Land and Livestock | 1956 | W | Jn | 3,525 |
| (C-43-13)21cca-1 | Winfred Spendlove | 1962 | W | Jm | 3,290 |
| (C-43-14)20abb-1 | G. Thomas | 1968 | W | Trc | 3,050 |

| Location | Depth of well (feet) | Casing | | | | Water level | | | Yield | | | Other data available |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Diameter (inches) | Bottom (feet) | Finish | (feet) | Above (-) or below land surface (feet) | | Date | Yield rate (gal/min) | | Date | |
| (C-42-14)25abb-1 | 720 | 12 | 4 | X | 4-720 | 68.16 | | 02-25-1996 | — | | — | W |
| (C-42-14)26bbb-1 | 645 | 8 | 5 | X | 5-645 | 82.58 | | 02-19-1996 | — | | — | W |
| (C-42-14)34cad-1 | 735 | 8 | 11 | X | 11-735 | 435 | L | 07-14-1970 | — | | — | |
| (C-42-15)2bcb-1 | 607 | 16 | 607 | S | 157-607 | 162.39 | | 02-20-1996 | 1,000 | L | 01-05-1979 | W, C |
| (C-42-15)3acd-1 | 600 | 14 | — | — | — | 110.73 | | 02-20-1996 | — | | — | W, C |
| (C-42-15)3daa-1 | 661 | 12 | 661 | S | 361-661 | 140.68 | | 02-20-1996 | 955 | L | 06-06-1985 | W |
| (C-42-15)3dda-1 | — | — | — | — | — | 140.50 | | 03-25-1996 | — | | — | C |
| (C-42-15)6dcd-1 | 900 | 16 | 900 | P | 260-660 | 279.15 | | 02-18-1996 | 470 | | 01-29-1975 | W, C, I |
| [12](C-42-15)6dcd-2 | 700 | 16 | 30 | X | 30-700 | 263.40 | | 02-18-1996 | 540 | | 09-26-1995 | C |
| (C-42-15)10bcd-1 | 650 | 16 | 20 | X | 20-650 | 99.45 | | 02-21-1996 | 1,200 | L | 04-30-1972 | C |
| (C-42-15)11dcb-1 | — | 8 | — | — | — | 104.54 | | 03-01-1997 | — | | — | W, C |
| (C-42-15)14dad-1 | 352 | 10 | 240 | P | 234-238 | 125 | L | 03-04-1958 | 115 | L | — | C |
| (C-42-15)19cac-1 | 100 | 8 | 11 | X | 11-100 | 40 | | 08-24-1960 | — | | — | C |
| (C-42-15)22ccb-1 | 125 | 8 | 46 | X | 46-125 | 19 | L | 09-24-0964 | — | | — | C |
| (C-42-15)26aca-1 | — | 12 | — | — | — | 17.99 | | 02-20-1997 | — | | — | W |
| (C-42-15)29bca-1 | 22 | 2 | 22 | S | 17-22 | — | | — | — | | — | C |
| (C-42-15)30ada-1 | 90 | 8 | 29 | X | 29-90 | 10 | L | 06-18-1960 | — | | — | C |
| (C-42-15)30cbd-1 | 30 | 10 | 11 | X | 11-30 | 8 | | 09- -1957 | — | | — | C |
| (C-42-15)30dcd-2 | 25 | 8 | 20 | X | 20-25 | 6.85 | L | 07-29-1970 | — | | — | C |
| (C-42-15)34dba-2 | 265 | 16 | 21 | X | 21-265 | 22.74 | | 02-20-1997 | — | | — | W,C |
| (C-42-16)1ccd-1 | 365 | 12 | 4 | X | 4-365 | 305 | L | 08-13-1974 | — | | — | C |
| (C-42-16)5bbb-1 | 110 | 16 | 36 | X | 36-110 | 31.95 | | 02-19-1997 | — | | — | W |
| (C-42-16)13ccd-1 | 68 | 10 | 31 | P | 20-29 | 21 | L | 01-05-1965 | 15 | L | 01-05-1995 | C |
| (C-42-16)14daa-1 | 500 | 8 | 27 | X | 27-500 | 78 | | 07-22-1964 | 60 | L | — | C |
| [13](C-42-16)16caa-1 | 63 | 16 | 63 | P | 33-58 | 9.03 | | 02-19-1997 | — | | — | W |
| [14](C-42-16)22cdb-1 | 92 | 16 | 18 | P | 18-50 | 19.95 | | 02-19-1997 | — | | — | W |
| | | | | P | 55-72 | | | | | | | |
| (C-42-16)22cdd-1 | 580 | 36 | 15 | P | 260-580 | 130 | | 02-05-1996 | 1,600 | L | 02-05-1996 | C, I |
| | | 24 | 96 | | | | | | | | | |
| | | 22 | 268 | | | | | | | | | |
| | | 16 | 580 | | | | | | | | | |
| (C-42-16)22dca-1 | 88 | 14 | 72 | P | 30-68 | 21.39 | | 02-19-1997 | — | | — | W |
| (C-42-16)24bdd-1 | 455 | 10 | 455 | P | 35-455 | 12 | L | 04-30-1977 | — | | — | C |
| (C-42-16)26bcc-1 | 75 | 14 | 72 | P | 37-67 | 20.07 | | 02-19-1997 | — | | — | W |
| (C-42-17)1aac-1 | — | 14 | — | — | — | 20.90 | | 02-19-1997 | — | | — | W |
| (C-43-13)5bdd-1 | 530 | 6 | 46 | X | 46-530 | 508 | | 02-03-1956 | — | | — | |
| (C-43-13)21cca-1 | 185 | 6 | 50 | X | 50-185 | 145.10 | | 02-28-1997 | — | | — | C |
| (C-43-14)20abb-1 | 260 | 10 | 170 | X | 170-260 | — | | — | — | | — | W |

**Table 1.** Records of selected wells in Washington and Iron Counties, Utah—Continued

| Location | Owner (Well name) | Year drilled | Primary use of site | Formation | Altitude of land surface (feet) |
|---|---|---|---|---|---|
| (C-43-15)4ddc-1 | Harold Payton | 1977 | W | Qs | 2,675 |
| (C-43-15)12bdd-1 | K. Stucki | 1966 | W | Jm,Trcp | 2,770 |
| (C-43-15)16dac-1 | Kent Bently | 1973 | W | Qs | 2,678 |
| (C-43-15)24dcc-1 | — | — | W | — | 2,850 |
| (C-43-15)25ddd-1 | G. Seegmiller | 1960 | W | Qs | 2,795 |
| (C-43-16)1aca-1 | C. Blake | 1956 | W | — | 2,580 |

[1] Listed as (C-40-13)27bac (Telaroli Well) by Budding and Sommer (1986); listed as (C-40-13)27bdb-2 by Cordova (1978).
[2] Listed as (C-40-17)21ddb-1 by Cordova (1972).
[3] Listed as (C-41-13)5adb-2 by Cordova (1978).
[4] Listed as (C-41-13)5cdd-1 by Budding and Sommer (1986).
[5] Listed as "Snow Canyon 2" in Cordova (1978).
[6] Listed as (C-41-17)8bca-1 by Budding and Sommer (1986).
[7] Listed as (C-41-17)8cac-1 by Cordova (1978).
[8] Combined discharge of both (C-42-13)7bcc-2 and (C-42-13)7bcc-3.
[9] Listed as (C-42-13)7cbb-1 by Cordova (1978).
[10] Listed as (C-42-14)11abd-1 by Cordova (1972).
[11] Owner is "Dixie Springs Farm" in Cordova (1978).
[12] Listed as (C-42-15)6dcc-1 in Cordova (1978).
[13] Listed as (C-42-16)16bcc-1 by Cordova (1972).
[14] Listed as (C-42-16)22cba-1 by Cordova (1972).

| Location | Depth of well (feet) | Casing | | | | Water level | | Yield | | Other data available |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Diameter (inches) | Bottom (feet) | Finish | (feet) | Above (-) or below land surface (feet) | Date | Yield rate (gal/min) | Date | |
| (C-43-15)4ddc-1 | 180 | 10 | 30 | X | 30-180 | 42.34 | 02-20-1997 | 60 L | 08-16-1977 | W |
| (C-43-15)12bdd-1 | 497 | 16 | 220 | P | 95-196 | 53.54 | 02-20-1997 | — | — | W |
| | | 8 | 391 | P | 225-385 | | | | | |
| (C-43-15)16dac-1 | 130 | 14 | 130 | P | 40-130 | 39.30 | 02-20-1997 | — | — | W |
| (C-43-15)24dcc-1 | — | 16 | — | — | — | 148.96 | 02-20-1997 | — | — | W |
| (C-43-15)25ddd-1 | 144 | 16 | 144 | P | 50-142 | 127.70 | 02-20-1997 | — | — | W |
| (C-43-16)1aca-1 | 52 | 16 | 27 | — | — | 10.27 | 02-20-1997 | — | — | W |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah

[e, water level estimated from measured or recorded values]

Well number: See figure 1 for an explanation of the numbering system used for hydrologic-data sites in Utah.
Water level: In feet below land surface.

| Well number | Date | Water level |
|---|---|---|
| (C-37-12)14dbc-1 | 08-21-1995 | 54.32 |
| | 10-04-1996 | 57.64 |
| (C-37-12)14dbd-1 | 10-04-1973 | 66.81 |
| | 08-21-1995 | 57.42 |
| | 10-04-1996 | 62.19 |
| (C-37-12)22ddd-1 | 10-04-1973 | 19.18 |
| | 08-25-1995 | 15.84 |
| | 10-13-1995 | 15.58 |
| | 10-04-1996 | 15.26 |
| (C-37-12)23acb-1 | 09-14-1935 | 51.55 |
| | 09-27-1936 | 51.21 |
| | 10-24-1937 | 49.60 |
| | 12-06-1937 | 49.50 |
| | 06-08-1938 | 48.96 |
| | 06-18-1938 | 48.86 |
| | 08-11-1938 | 48.83 |
| | 08-29-1938 | 48.58 |
| | 09-23-1938 | 48.46 |
| | 11-01-1938 | 48.20 |
| | 12-01-1938 | 48.22 |
| | 01-03-1939 | 48.14 |
| | 02-03-1939 | 48.13 |
| | 03-01-1939 | 48.22 |
| | 04-04-1939 | 48.14 |
| | 05-06-1939 | 59.50 |
| | 06-10-1939 | 72.58 |
| | 07-09-1939 | 78.70 |
| | 08-15-1939 | 51.78 |
| | 09-27-1939 | 51.42 |
| | 10-21-1939 | 51.28 |
| | 12-09-1939 | 50.77 |
| | 01-18-1940 | 50.50 |
| | 03-22-1940 | 50.25 |
| | 04-09-1940 | 50.23 |
| | 12-02-1940 | 53.95 |
| | 03-23-1941 | 52.49 |
| | 12-02-1941 | 53.80 |
| | 03-16-1942 | 51.30 |
| | 12-16-1942 | 50.25 |
| | 03-22-1943 | 48.95 |
| | 12-11-1943 | 51.39 |
| | 12-07-1944 | 51.11 |
| | 04-02-1945 | 50.95 |
| | 12-08-1945 | 51.53 |
| | 03-19-1946 | 49.77 |
| | 12-15-1946 | 54.23 |
| | 03-24-1947 | 52.29 |
| | 12-08-1947 | 53.73 |
| | 03-14-1948 | 51.98 |
| | 07-17-1948 | 66.00 |
| | 12-09-1948 | 55.18 |
| | 12-08-1949 | 53.87 |
| (C-37-12)23acb-1—Continued | | |
| | 03-23-1950 | 52.38 |
| | 12-07-1950 | 57.44 |
| | 03-22-1951 | 54.17 |
| | 12-07-1951 | 59.16 |
| | 04-04-1952 | 55.88 |
| | 12-05-1952 | 59.32 |
| | 03-14-1953 | 56.14 |
| | 12-07-1953 | 61.82 |
| | 03-19-1955 | 60.20 |
| | 12-02-1955 | 67.13 |
| | 03-18-1956 | 62.75 |
| | 12-17-1956 | 58.29 |
| | 03-13-1957 | 55.39 |
| | 10-28-1957 | 58.64 |
| | 12-04-1957 | 68.66 |
| | 03-18-1958 | 66.19 |
| | 12-22-1958 | 68.86 |
| | 04-09-1959 | 62.60 |
| | 10-21-1959 | 68.28 |
| | 12-08-1959 | 66.34 |
| | 03-15-1960 | 64.25 |
| | 10-28-1960 | 77.04 |
| | 12-02-1960 | 71.70 |
| | 10-10-1962 | 67.55 |
| (C-37-12)28aac-1 | 08-25-1995 | 95.45 |
| | 10-13-1995 | 97.03 |
| | 10-14-1996 | 98.67 |
| (C-37-12)28ccd-1 | 10-13-1995 | 185.59 |
| | 10-04-1996 | 183.65 |
| (C-37-12)33adb-1 | 08-25-1995 | 1.55 |
| | 10-04-1996 | 10.02 |
| (C-37-12)34abb-1 | 08-22-1934 | 39.70 |
| | 10-13-1935 | 46.93 |
| | 11-25-1935 | 46.17 |
| | 01-28-1936 | 45.46 |
| | 09-27-1936 | 49.15 |
| | 11-24-1936 | 47.57 |
| | 03-29-1937 | 45.42 |
| | 06-07-1937 | 43.00 |
| | 12-06-1937 | 43.93 |
| | 02-21-1938 | 42.66 |
| | 04-17-1938 | 41.90 |
| | 06-08-1938 | 39.55 |
| | 09-23-1938 | 41.30 |
| | 11-01-1938 | 41.23 |
| | 12-01-1938 | 40.18 |
| | 01-03-1939 | 39.82 |
| | 03-01-1939 | 39.77 |
| | 04-04-1939 | 39.87 |
| | 09-11-1939 | 44.65 |
| (C-37-12)34abb-1—Continued | | |
| | 12-09-1939 | 41.79 |
| | 03-22-1940 | 42.02 |
| | 04-13-1940 | 40.70 |
| | 12-02-1940 | 46.65 |
| | 03-22-1941 | 44.84 |
| | 12-02-1941 | 43.93 |
| | 12-16-1942 | 38.61 |
| | 03-22-1943 | 36.86 |
| | 12-11-1943 | 39.78 |
| | 12-07-1944 | 39.07 |
| | 04-02-1945 | 37.89 |
| | 12-08-1945 | 36.78 |
| | 03-19-1946 | 36.05 |
| | 12-15-1946 | 40.83 |
| | 03-24-1947 | 38.53 |
| | 12-09-1947 | 39.43 |
| | 03-14-1948 | 38.59 |
| | 12-09-1948 | 39.49 |
| | 12-08-1949 | 36.51 |
| | 03-23-1950 | 35.43 |
| | 12-07-1950 | 40.50 |
| | 03-22-1951 | 39.11 |
| | 12-07-1951 | 43.78 |
| | 04-04-1952 | 41.71 |
| | 12-05-1952 | 39.41 |
| | 12-07-1953 | 44.48 |
| | 03-23-1954 | 42.84 |
| | 03-19-1955 | 46.40 |
| | 12-02-1955 | 52.28 |
| | 03-18-1956 | 49.07 |
| | 12-17-1956 | 56.49 |
| | 03-29-1957 | 52.16 |
| | 10-28-1957 | 59.11 |
| | 12-04-1957 | 56.57 |
| | 03-27-1958 | 51.86 |
| | 10-27-1958 | 52.41 |
| | 12-22-1958 | 51.57 |
| | 04-09-1959 | 47.66 |
| | 10-21-1959 | 58.43 |
| | 12-08-1959 | 55.49 |
| | 03-15-1960 | 52.20 |
| | 10-31-1960 | 60.68 |
| | 12-02-1960 | 59.86 |
| | 04-04-1961 | 54.11 |
| | 10-16-1961 | 59.57 |
| | 03-20-1962 | 53.46 |
| | 10-17-1962 | 57.20 |
| | 03-25-1963 | 51.15 |
| | 03-27-1964 | 54.82 |
| | 11-03-1964 | 59.34 |
| | 03-19-1965 | 54.23 |
| | 11-05-1965 | 53.92 |
| | 03-07-1966 | 51.46 |
| | 03-06-1967 | 50.70 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-37-12)34abb-1—Continued | | |
| | 10-06-1967 | 55.10 |
| | 03-07-1968 | 48.25 |
| | 03-17-1969 | 44.46 |
| | 03-10-1970 | 42.05 |
| | 03-11-1971 | 45.53 |
| | 03-09-1972 | 46.92 |
| | 03-05-1973 | 49.04 |
| | 03-11-1974 | 39.79 |
| | 11-13-1974 | 47.23 |
| | 03-07-1975 | 42.88 |
| | 03-01-1976 | 41.17 |
| | 03-01-1977 | 43.91 |
| | 11-21-1977 | 52.76 |
| | 03-03-1978 | 49.24 |
| | 03-16-1978 | 48.35 |
| | 03-12-1979 | 40.38 |
| | 03-07-1980 | 32.51 |
| | 03-04-1981 | 27.64 |
| | 03-02-1982 | 32.42 |
| | 03-08-1983 | 31.80 |
| | 03-01-1984 | 25.10 |
| | 03-04-1985 | 27.85 |
| | 10-21-1985 | 32.40 |
| | 03-03-1986 | 27.38 |
| | 09-29-1986 | 32.68 |
| | 03-08-1989 | 30.97 |
| | 03-05-1990 | 37.35 |
| | 03-01-1991 | 41.63 |
| | 03-10-1992 | 41.41 |
| | 03-08-1993 | 38.70 |
| | 03-09-1994 | 31.20 |
| | 03-09-1995 | 35.33 |
| | 03-08-1996 | 28.85 |
| | 03-03-1997 | 34.49 |
| (C-38-12)5dab-1 | 10-13-1995 | 57.24 |
| | 10-04-1996 | 57.64 |
| (C-38-12)9add-2 | 08-25-1995 | 114.69 |
| | 10-13-1995 | 115.07 |
| | 10-04-1996 | 136.30 |
| (C-38-12)9bba-1 | 10-11-1995 | 17.82 |
| | 10-02-1996 | 19.18 |
| (C-38-12)17ddd-1 | 10-13-1995 | 56.54 |
| | 10-02-1996 | 56.49 |
| (C-38-12)19aab-1 | 08-23-1995 | 41.32 |
| | 10-03-1996 | 42.87 |
| (C-38-12)19aac-1 | 08-23-1995 | 85.44 |
| | 10-12-1995 | 84.66 |
| | 10-03-1996 | 89.63 |
| (C-38-12)20abb-1 | 08-23-1995 | 22.87 |
| | 10-13-1995 | 23.72 |
| | 10-03-1996 | 25.51 |
| (C-38-12)29acb-1 | 08-25-1995 | 91.87 |
| | 10-03-1996 | 95.40 |
| (C-38-12)29bda-1 | 08-23-1995 | 86.95 |
| | 10-12-1995 | 87.48 |
| | 10-03-1996 | 90.14 |
| (C-38-13)22daa-1 | 08-24-1995 | 53.15 |
| | 10-03-1996 | 58.51 |
| (C-38-13)23bbb-1 | 08-22-1995 | 84.53 |
| | 10-03-1996 | 83.57 |
| (C-38-13)23cca-1 | 08-24-1995 | 25.99 |
| | 10-03-1996 | 36.76 |
| | 10-29-1996 | 36.66 |
| (C-38-13)24bab-1 | 08-24-1995 | 97.44 |
| | 10-03-1996 | 88.80 |
| (C-38-13)26aba-1 | 08-24-1995 | 134.73 |
| | 10-19-1996 | 141.82 |
| | 10-29-1996 | 142.23 |
| (C-38-13)26adc-1 | 08-24-1995 | 74.84 |
| | 10-03-1996 | 81.62 |
| | 10-29-1996 | 82.44 |
| (C-38-13)26ddb-1 | 10-03-1996 | 121.99 |
| | 11-04-1996 | 122.90 |
| (C-38-13)27aac-1 | 08-24-1995 | 37.70 |
| | 10-03-1996 | 45.66 |
| | 11-04-1996 | 46.18 |
| (C-38-13)35aba-1 | 05-18-1995 | 35.68 |
| | 07-12-1995 | 39.36 |
| | 08-22-1995 | 42.92 |
| | 10-10-1995 | 45.87 |
| | 04-13-1996 | 48.79 |
| | 05-10-1996 | 50.04 |
| | 10-03-1996 | 57.63 |
| | 11-04-1996 | 59.33 |
| (C-38-13)35abb-1 | 05-18-1995 | 76.35 |
| | 07-12-1995 | 80.29 |
| | 07-18-1995 | 80.51 |
| | 07-20-1995 | 80.54 |
| | 07-25-1995 | 80.62 |
| | 07-31-1995 | 81.33 |
| | 08-05-1995 | 82.07 |
| | 08-10-1995 | 83.02 |
| | 08-15-1995 | 83.56 |
| | 08-20-1995 | 83.60 |
| (C-38-13)35abb-1—Continued | | |
| | 08-22-1995 | 83.77 |
| | 08-25-1995 | 83.76 |
| | 08-31-1995 | 83.92 |
| | 09-05-1995 | 84.10 |
| | 09-10-1995 | 84.62 |
| | 09-15-1995 | 85.62 |
| | 09-20-1995 | 86.34 |
| | 09-25-1995 | 86.75 |
| | 09-30-1995 | 87.23 |
| | 10-05-1995 | 87.30 |
| | 10-10-1995 | 87.27 |
| | 10-15-1995 | 87.18 |
| | 10-20-1995 | 87.31 |
| | 10-25-1995 | 87.44 |
| | 10-31-1995 | 87.37 |
| | 11-05-1995 | 87.38 |
| | 11-10-1995 | 87.25 |
| | 11-15-1995 | 87.40 |
| | 11-20-1995 | 87.28 |
| | 11-25-1995 | 87.28 |
| | 11-30-1995 | 87.20 |
| | 12-05-1995 | 86.99 |
| | 12-10-1995 | 87.35 |
| | 12-15-1995 | 87.36 |
| | 12-20-1995 | 87.69 |
| | 12-25-1995 | 87.82 |
| | 12-31-1995 | 87.82 |
| | 01-05-1996 | 87.62 |
| | 01-10-1996 | 87.46 |
| | 01-15-1996 | 87.53 |
| | 01-20-1996 | 87.24 |
| | 01-25-1996 | 86.69 |
| | 01-31-1996 | 86.41 |
| | 02-01-1996 | 86.39 |
| | 02-05-1996 | 86.81 |
| | 02-10-1996 | 86.98 |
| | 02-15-1996 | 87.48 |
| | 02-20-1996 | 87.77 |
| | 02-25-1996 | 87.72 |
| | 02-29-1996 | 88.05 |
| | 03-05-1996 | 88.17 |
| | 03-10-1996 | 88.44 |
| | 03-15-1996 | 88.61 |
| | 03-20-1996 | 88.87 |
| | 03-25-1996 | 89.12 |
| | 03-31-1996 | 89.59 |
| | 04-05-1996 | 89.89 |
| | 04-10-1996 | 90.11 |
| | 04-13-1996 | 90.38 |
| | 04-15-1996 | 90.58 |
| | 04-20-1996 | 90.90 |
| | 04-25-1996 | 91.07 |
| | 04-30-1996 | 91.26 |
| | 05-05-1996 | 91.45 |
| | 05-10-1996 | 91.56 |
| | 05-15-1996 | 92.07 |
| | 05-20-1996 | 92.29 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-38-13)35abb-1—Continued | | |
| | 05-25-1996 | 92.42 |
| | 05-31-1996 | 92.60 |
| | 06-05-1996 | 92.56 |
| | 06-10-1996 | 93.06 |
| | 06-15-1996 | 93.35 |
| | 06-20-1996 | 93.58 |
| | 06-25-1996 | 93.80 |
| | 06-30-1996 | 94.14 |
| | 07-05-1996 | 94.61 |
| | 07-10-1996 | 95.50 |
| | 07-15-1996 | 95.74 |
| | 07-20-1996 | 96.11 |
| | 07-25-1996 | 96.30 |
| | 07-31-1996 | 96.53 |
| | 08-05-1996 | 96.73 |
| | 08-10-1996 | 96.91 |
| | 08-15-1996 | 97.40 |
| | 08-20-1996 | 98.20 |
| | 08-25-1996 | 98.90 |
| | 08-31-1996 | 99.26 |
| | 09-05-1996 | 98.90 |
| | 09-10-1996 | 98.55 |
| | 09-15-1996 | 98.43 |
| | 09-20-1996 | 98.51 |
| | 09-25-1996 | 98.52 |
| | 09-30-1996 | 98.80 |
| | 10-05-1996 | 98.97 |
| | 10-10-1996 | 99.09 |
| | 10-15-1996 | 99.07 |
| | 10-20-1996 | 99.03 |
| | 10-25-1996 | 103.04 |
| | 11-05-1996 | 100.02 |
| | 11-10-1996 | 98.79 |
| | 11-15-1996 | 97.56 |
| | 11-20-1996 | 96.90 |
| | 11-25-1996 | 95.91 |
| | 12-05-1996 | 94.61 |
| | 12-10-1996 | 93.70 |
| | 12-15-1996 | 92.85 |
| | 12-20-1996 | 92.37 |
| | 12-25-1996 | 92.30 |
| | 01-05-1997 | 92.14 |
| | 01-10-1997 | 92.16 |
| | 01-15-1997 | 92.13 |
| | 01-20-1997 | 91.85 |
| | 01-25-1997 | 92.04 |
| | 02-05-1997 | 90.54 |
| | 02-10-1997 | 90.67 |
| | 02-15-1997 | 91.03 |
| | 02-20-1997 | 91.30 |
| | 02-25-1997 | 91.71 |
| | 03-05-1997 | 92.44 |
| | 03-10-1997 | 92.77 |
| | 03-15-1997 | 93.04 |
| | 03-20-1997 | 93.60 |
| | 03-25-1997 | 94.15 |
| | 04-05-1997 | 94.55 |
| (C-38-13)35abb-1—Continued | | |
| | 04-10-1997 | 94.19 |
| | 04-15-1997 | 94.11 |
| | 04-20-1997 | 94.13 |
| | 04-25-1997 | 94.55 |
| | 05-05-1997 | 96.92 |
| | 05-10-1997 | 95.84 |
| | 05-15-1997 | 95.37 |
| | 05-20-1997 | 95.16 |
| (C-38-13)36cdd-1 | 05-18-1995 | 11.20 |
| | 06-12-1995 | 10.65 |
| | 08-22-1995 | 10.85 |
| | 10-11-1995 | 11.18 |
| | 04-13-1996 | 12.37 |
| | 05-10-1996 | 12.83 |
| | 10-03-1996 | 14.17 |
| | 11-04-1996 | 15.39 |
| (C-39-13)2aba-1 | 04-13-1996 | 1.23 |
| | 05-10-1996 | 1.42 |
| | 10-03-1996 | 3.08 |
| | 11-04-1996 | 3.24 |
| [1](C-40-13)28dca-1 | 04-26-1996 | 21.68 |
| | 05-06-1996 | 21.35 |
| | 05-13-1996 | 21.21 |
| | 05-20-1996 | 21.12 |
| | 06-03-1996 | 20.92 |
| | 06-10-1996 | 20.80 |
| | 06-24-1996 | 20.72 |
| | 07-01-1996 | 20.74 |
| | 07-08-1996 | 20.61 |
| | 07-15-1996 | 20.62 |
| | 07-22-1996 | 20.59 |
| | 07-29-1996 | 20.57 |
| | 08-05-1996 | 20.52 |
| | 08-12-1996 | 20.48 |
| | 08-19-1996 | 20.45 |
| | 08-26-1996 | 20.39 |
| | 09-17-1996 | 20.38 |
| | 10-01-1996 | 20.30 |
| | 10-28-1996 | 20.26 |
| | 12-04-1996 | 20.27 |
| | 12-30-1996 | 20.18 |
| | 01-06-1997 | 20.21 |
| | 01-27-1997 | 20.20 |
| | 02-10-1997 | 20.11 |
| | 02-24-1997 | 20.06 |
| | 03-11-1997 | 20.09 |
| | 03-17-1997 | 20.09 |
| | 03-24-1997 | 20.03 |
| | 04-07-1997 | 20.06 |
| | 04-21-1997 | 20.02 |
| | 05-05-1997 | 19.99 |
| | 06-04-1997 | 21.14 |
| | 06-09-1997 | 21.34 |
| | 06-18-1997 | 21.28 |
| [1](C-40-13)28dca-1—Continued | | |
| | 06-30-1997 | 21.70 |
| | 07-07-1997 | 21.45 |
| | 07-14-1997 | 21.19 |
| [1](C-40-13)28dcb-1 | 07-19-1995 | 28.54 |
| | 10-05-1995 | 28.47 |
| | 02-17-1996 | 28.50 |
| | 05-13-1996 | 32.17 |
| | 05-20-1996 | 32.07 |
| | 06-03-1996 | 31.92 |
| | 06-10-1996 | 31.76 |
| | 06-24-1996 | 31.71 |
| | 07-01-1996 | 31.72 |
| | 07-08-1996 | 31.60 |
| | 07-15-1996 | 31.60 |
| | 07-22-1996 | 31.61 |
| | 07-29-1996 | 31.57 |
| | 08-05-1996 | 31.55 |
| | 08-12-1996 | 31.50 |
| | 08-19-1996 | 31.50 |
| | 08-26-1996 | 31.43 |
| | 09-17-1996 | 31.45 |
| | 10-01-1996 | 31.38 |
| | 10-28-1996 | 31.33 |
| | 12-04-1996 | 31.35 |
| | 12-30-1996 | 31.25 |
| | 01-06-1997 | 31.28 |
| | 01-27-1997 | 31.29 |
| | 02-10-1997 | 31.17 |
| | 02-24-1997 | 31.12 |
| | 03-11-1997 | 31.15 |
| | 03-17-1997 | 31.16 |
| | 03-24-1997 | 31.11 |
| | 04-07-1997 | 31.15 |
| | 04-21-1997 | 31.17 |
| | 05-05-1997 | 31.04 |
| | 06-04-1997 | 32.59 |
| | 06-09-1997 | 32.48 |
| | 06-18-1997 | 32.54 |
| | 07-07-1997 | 32.68 |
| | 07-14-1997 | 32.38 |
| [1](C-40-13)28dcb-2 | 04-26-1996 | 32.86 |
| | 05-06-1996 | 32.43 |
| | 05-13-1996 | 32.35 |
| | 05-20-1996 | 32.28 |
| | 06-03-1996 | 32.11 |
| | 06-10-1996 | 31.97 |
| | 06-24-1996 | 31.91 |
| | 07-01-1996 | 31.92 |
| | 07-08-1996 | 31.79 |
| | 07-15-1996 | 31.82 |
| | 07-22-1996 | 31.81 |
| | 07-29-1996 | 31.78 |
| | 08-05-1996 | 31.76 |
| | 08-12-1996 | 31.71 |
| | 08-19-1996 | 31.71 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| [1](C-40-13)28dcb-2—Continued | | |
| | 08-26-1996 | 31.64 |
| | 09-17-1996 | 31.67 |
| | 10-01-1996 | 31.60 |
| | 10-28-1996 | 31.54 |
| | 12-04-1996 | 31.49 |
| | 12-30-1996 | 31.41 |
| | 01-06-1997 | 31.44 |
| | 01-27-1997 | 31.28 |
| | 02-10-1997 | 31.17 |
| | 02-24-1997 | 31.10 |
| | 03-11-1997 | 31.14 |
| | 03-17-1997 | 31.12 |
| | 03-24-1997 | 31.09 |
| [1](C-40-13)28dcc-1 | 04-26-1996 | 30.27 |
| | 05-06-1996 | 29.98 |
| | 05-13-1996 | 29.81 |
| | 05-20-1996 | 29.73 |
| | 06-03-1996 | 29.53 |
| | 06-10-1996 | 29.72 |
| | 06-24-1996 | 29.34 |
| | 07-01-1996 | 29.34 |
| | 07-08-1996 | 29.23 |
| | 07-15-1996 | 29.25 |
| | 07-22-1996 | 29.25 |
| | 07-29-1996 | 29.23 |
| | 08-05-1996 | 29.21 |
| | 08-12-1996 | 29.17 |
| | 08-19-1996 | 29.16 |
| | 08-26-1996 | 29.10 |
| | 09-17-1996 | 29.09 |
| | 10-01-1996 | 29.02 |
| | 10-28-1996 | 28.96 |
| | 12-04-1996 | 28.97 |
| | 12-30-1996 | 28.86 |
| | 01-06-1997 | 28.91 |
| | 01-27-1997 | 28.88 |
| | 02-10-1997 | 28.80 |
| | 02-24-1997 | 28.73 |
| | 03-11-1997 | 28.75 |
| | 03-17-1997 | 28.75 |
| | 03-24-1997 | 28.71 |
| | 04-07-1997 | 28.73 |
| | 04-21-1997 | 28.68 |
| | 05-05-1997 | 28.64 |
| | 06-04-1997 | 29.75 |
| | 06-09-1997 | 30.09 |
| | 06-18-1997 | 30.03 |
| | 06-30-1997 | 30.46 |
| | 07-07-1997 | 30.24 |
| | 07-14-1997 | 30.01 |
| (C-40-13)31bcc-1 | 06-08-1995 | 229.05 |
| | 02-22-1996 | 204.37 |
| (C-40-18)15dbd-1 | 11-30-1993 | 829.64 |
| | 02-12-1996 | 834.30 |
| (C-41-13)5bbc-1 | 06-08-1995 | 52.29 |
| | 03-26-1997 | 54.65 |
| (C-41-13)7ccb-1 | 03-24-1947 | 5.82 |
| | 12-09-1947 | 2.84 |
| | 03-15-1948 | 3.41 |
| | 07-17-1948 | 2.50 |
| | 12-09-1948 | 4.96 |
| | 04-02-1949 | 3.17 |
| | 12-08-1949 | 2.83 |
| | 03-27-1950 | 2.73 |
| | 12-07-1950 | 4.37 |
| | 03-25-1951 | 4.86 |
| | 12-07-1951 | 8.29 |
| | 01-30-1952 | 4.93 |
| | 04-04-1952 | 3.76 |
| | 04-19-1952 | 3.67 |
| | 06-02-1952 | 0.14 |
| | 07-23-1952 | 2.15 |
| | 12-05-1952 | 2.49 |
| | 03-14-1953 | 2.36 |
| | 04-11-1953 | 1.90 |
| | 04-15-1953 | 2.15 |
| | 04-20-1953 | 2.67 |
| | 04-25-1953 | 2.82 |
| | 04-30-1953 | 2.89 |
| | 05-05-1953 | 2.31 |
| | 05-10-1953 | 2.84 |
| | 05-15-1953 | 2.64 |
| | 05-20-1953 | 2.43 |
| | 05-25-1953 | 2.89 |
| | 05-31-1953 | 3.37 |
| | 06-05-1953 | 3.47 |
| | 06-10-1953 | 3.77 |
| | 06-15-1953 | 3.80 |
| | 06-20-1953 | 4.23 |
| | 06-25-1953 | 4.55 |
| | 06-30-1953 | 4.79 |
| | 07-05-1953 | 5.14 |
| | 07-10-1953 | 5.22 |
| | 07-15-1953 | 5.63 |
| | 07-20-1953 | 5.77 |
| | 07-25-1953 | 5.96 |
| | 07-31-1953 | 5.98 |
| | 08-05-1953 | 6.20 |
| | 08-10-1953 | 6.39 |
| | 08-15-1953 | 6.51 |
| | 08-20-1953 | 6.66 |
| | 08-25-1953 | 6.73 |
| | 08-31-1953 | 6.93 |
| | 09-05-1953 | 7.16 |
| | 09-10-1953 | 7.36 |
| | 09-15-1953 | 7.55 |
| | 09-20-1953 | 7.85 |
| | 09-25-1953 | 7.49 |
| | 09-30-1953 | 7.73 |
| | 10-05-1953 | 7.37 |
| | 10-10-1953 | 7.36 |
| (C-41-13)7ccb-1—Continued | | |
| | 10-15-1953 | 7.71 |
| | 10-20-1953 | 7.24 |
| | 10-25-1953 | 7.30 |
| | 10-31-1953 | 7.37 |
| | 11-05-1953 | 7.06 |
| | 11-10-1953 | 7.64 |
| | 11-15-1953 | 8.03 |
| | 11-20-1953 | 8.10 |
| | 11-25-1953 | 7.12 |
| | 11-30-1953 | 7.73 |
| | 12-05-1953 | 8.03 |
| | 12-10-1953 | 8.05 |
| | 12-15-1953 | 7.70 |
| | 12-20-1953 | 7.57 |
| | 12-25-1953 | 6.39 |
| | 12-31-1953 | 6.35 |
| | 01-05-1954 | 6.58 |
| | 01-10-1954 | 6.43 |
| | 01-15-1954 | 6.78 |
| | 01-20-1954 | 6.21 |
| | 01-25-1954 | 5.47 |
| | 01-31-1954 | 5.87 |
| | 02-05-1954 | 5.81 |
| | 02-10-1954 | 5.84 |
| | 02-15-1954 | 5.40 |
| | 02-20-1954 | 4.00 |
| | 02-25-1954 | 3.98 |
| | 02-28-1954 | 4.37 |
| | 03-05-1954 | 4.49 |
| | 03-10-1954 | 4.60 |
| | 03-15-1954 | 4.67 |
| | 03-20-1954 | 4.85 |
| | 03-25-1954 | 2.68 |
| | 03-31-1954 | 3.68 |
| | 04-05-1954 | 4.01 |
| | 04-10-1954 | 4.30 |
| | 04-15-1954 | 4.47 |
| | 04-20-1954 | 4.76 |
| | 04-25-1954 | 4.31 |
| | 04-30-1954 | 4.35 |
| | 05-05-1954 | 3.84 |
| | 05-10-1954 | 4.41 |
| | 05-15-1954 | 3.58 |
| | 05-20-1954 | 3.28 |
| | 05-25-1954 | 2.71 |
| | 05-31-1954 | 3.05 |
| | 06-05-1954 | 3.31 |
| | 06-10-1954 | 2.56 |
| | 06-15-1954 | 2.77 |
| | 06-20-1954 | 3.17 |
| | 06-25-1954 | 2.72 |
| | 06-30-1954 | 2.59 |
| | 07-03-1954 | 2.35 |
| | 07-20-1954 | 2.47 |
| | 07-25-1954 | 2.69 |
| | 07-28-1954 | 1.82 |
| | 08-05-1954 | 2.55 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-41-13)7ccb-1—Continued | | |
| | 08-10-1954 | 2.49 |
| | 08-15-1954 | 3.05 |
| | 08-20-1954 | 2.88 |
| | 08-25-1954 | 3.46 |
| | 08-31-1954 | 3.66 |
| | 09-05-1954 | 4.10 |
| | 09-10-1954 | 3.70 |
| | 09-15-1954 | 3.23 |
| | 09-20-1954 | 4.22 |
| | 09-25-1954 | 3.05 |
| | 09-30-1954 | 3.24 |
| | 10-04-1954 | 3.38 |
| | 10-13-1954 | 4.06 |
| | 11-15-1954 | 3.43 |
| | 11-20-1954 | 3.07 |
| | 11-25-1954 | 3.24 |
| | 11-30-1954 | 3.23 |
| | 12-03-1954 | 3.21 |
| | 01-05-1955 | 3.40 |
| | 01-10-1955 | 3.22 |
| | 01-15-1955 | 3.45 |
| | 01-20-1955 | 3.43 |
| | 01-31-1955 | 3.26 |
| | 02-05-1955 | 3.47 |
| | 02-10-1955 | 3.64 |
| | 02-15-1955 | 3.76 |
| | 02-20-1955 | 3.85 |
| | 02-25-1955 | 3.56 |
| | 02-28-1955 | 2.95 |
| | 03-05-1955 | 1.64 |
| | 03-10-1955 | 2.53 |
| | 03-15-1955 | 2.20 |
| | 03-20-1955 | 2.02 |
| | 03-25-1955 | 1.50 |
| | 03-31-1955 | 1.61 |
| | 04-05-1955 | 2.01 |
| | 04-10-1955 | 2.38 |
| | 04-15-1955 | 2.61 |
| | 04-20-1955 | 1.36 |
| | 04-25-1955 | 2.45 |
| | 04-30-1955 | 2.51 |
| | 05-05-1955 | 2.53 |
| | 05-10-1955 | 2.34 |
| | 05-15-1955 | 2.66 |
| | 05-20-1955 | 2.20 |
| | 05-25-1955 | 2.83 |
| | 05-31-1955 | 3.27 |
| | 06-05-1955 | 2.69 |
| | 06-10-1955 | 3.27 |
| | 06-15-1955 | 2.42 |
| | 06-20-1955 | 2.96 |
| | 06-25-1955 | 3.37 |
| | 06-30-1955 | 2.95 |
| | 07-05-1955 | 3.14 |
| | 07-10-1955 | 3.48 |
| | 07-15-1955 | 3.80 |
| | 07-20-1955 | 2.50 |
| (C-41-13)7ccb-1—Continued | | |
| | 07-25-1955 | 3.20 |
| | 07-31-1955 | 1.95 |
| | 08-05-1955 | 2.48 |
| | 08-10-1955 | 2.22 |
| | 08-15-1955 | 2.10 |
| | 08-20-1955 | 2.25 |
| | 08-25-1955 | 2.00 |
| | 08-31-1955 | 2.23 |
| | 09-05-1955 | 2.21 |
| | 09-10-1955 | 2.33 |
| | 09-15-1955 | 2.33 |
| | 09-20-1955 | 2.85 |
| | 09-25-1955 | 3.40 |
| | 09-30-1955 | 3.22 |
| | 10-05-1955 | 3.80 |
| | 10-10-1955 | 3.95 |
| | 10-15-1955 | 4.05 |
| | 10-20-1955 | 4.41 |
| | 10-25-1955 | 4.14 |
| | 10-31-1955 | 4.17 |
| | 11-05-1955 | 3.23 |
| | 11-10-1955 | 3.55 |
| | 11-15-1955 | 3.99 |
| | 11-20-1955 | 3.66 |
| | 11-25-1955 | 3.22 |
| | 11-28-1955 | 3.25 |
| | 12-05-1955 | 3.83 |
| | 12-10-1955 | 4.11 |
| | 12-15-1955 | 4.03 |
| | 12-20-1955 | 2.03 |
| | 12-25-1955 | 1.63 |
| | 12-31-1955 | 2.76 |
| | 01-05-1956 | 3.46 |
| | 01-10-1956 | 3.07 |
| | 01-15-1956 | 2.74 |
| | 01-20-1956 | 3.45 |
| | 01-25-1956 | 3.70 |
| | 01-31-1956 | 3.77 |
| | 02-05-1956 | 4.17 |
| | 02-10-1956 | 3.93 |
| | 02-15-1956 | 4.47 |
| | 02-20-1956 | 4.58 |
| | 02-25-1956 | 4.38 |
| | 02-29-1956 | 5.03 |
| | 03-05-1956 | 4.51 |
| | 03-10-1956 | 4.17 |
| | 03-15-1956 | 4.16 |
| | 03-20-1956 | 4.56 |
| | 03-25-1956 | 4.32 |
| | 03-31-1956 | 4.58 |
| | 04-05-1956 | 4.56 |
| | 04-10-1956 | 4.50 |
| | 04-15-1956 | 4.87 |
| | 04-20-1956 | 4.83 |
| | 04-25-1956 | 5.15 |
| | 04-30-1956 | 4.98 |
| | 05-05-1956 | 5.28 |
| (C-41-13)7ccb-1—Continued | | |
| | 05-10-1956 | 5.17 |
| | 05-15-1956 | 5.29 |
| | 05-20-1956 | 5.77 |
| | 05-25-1956 | 5.74 |
| | 05-31-1956 | 6.17 |
| | 06-05-1956 | 6.23 |
| | 06-10-1956 | 6.58 |
| | 06-15-1956 | 6.97 |
| | 06-20-1956 | 7.75 |
| | 06-25-1956 | 8.02 |
| | 06-30-1956 | 8.23 |
| | 07-05-1956 | 8.43 |
| | 07-10-1956 | 8.57 |
| | 07-15-1956 | 8.64 |
| | 07-20-1956 | 8.93 |
| | 07-25-1956 | 9.14 |
| | 07-31-1956 | 9.27 |
| | 08-05-1956 | 9.16 |
| | 08-10-1956 | 9.26 |
| | 08-15-1956 | 9.40 |
| | 08-20-1956 | 9.51 |
| | 08-25-1956 | 9.78 |
| | 08-31-1956 | 10.06 |
| | 09-05-1956 | 10.36 |
| | 09-10-1956 | 10.54 |
| | 09-15-1956 | 10.85 |
| | 09-20-1956 | 11.11 |
| | 09-25-1956 | 11.31 |
| | 09-30-1956 | 11.25 |
| | 10-05-1956 | 11.54 |
| | 10-10-1956 | 11.72 |
| | 10-15-1956 | 12.10 |
| | 10-20-1956 | 12.22 |
| | 10-25-1956 | 12.38 |
| | 10-31-1956 | 12.43 |
| | 11-05-1956 | 12.52 |
| | 11-10-1956 | 12.64 |
| | 11-15-1956 | 12.70 |
| | 12-05-1956 | 13.04 |
| | 12-10-1956 | 12.77 |
| | 12-15-1956 | 12.63 |
| | 12-20-1956 | 12.95 |
| | 02-18-1957 | 11.33 |
| | 03-14-1957 | 9.20 |
| | 09-09-1957 | 3.97 |
| | 12-21-1957 | 4.08 |
| | 04-01-1958 | 3.54 |
| | 12-22-1958 | 2.55 |
| | 03-29-1959 | 1.71 |
| | 12-11-1959 | 9.74 |
| | 04-05-1960 | 5.38 |
| | 01-05-1961 | 5.48 |
| | 12-20-1961 | 10.30 |
| | 03-15-1962 | 8.09 |
| | 12-20-1962 | 1.40 |
| | 03-27-1965 | 4.85 |
| | 12-13-1965 | 0.78 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-41-13)7ccb-1—Continued | | |
| | 03-25-1966 | 0.91 |
| | 10-28-1966 | 6.70 |
| | 12-13-1966 | 0.78 |
| | 03-13-1967 | 3.04 |
| | 10-28-1967 | 1.42 |
| | 10-24-1968 | 2.70 |
| | 03-05-1969 | 2.03 |
| | 03-27-1970 | 2.66 |
| | 10-19-1970 | 9.40 |
| | 03-18-1971 | 3.45 |
| | 10-20-1971 | 6.10 |
| | 03-02-1972 | 4.45 |
| | 10-17-1972 | 9.51 |
| | 04-03-1973 | 7.22 |
| | 03-12-1974 | 2.70 |
| | 04-02-1975 | 4.23 |
| | 10-15-1975 | 4.13 |
| | 03-01-1976 | 4.08 |
| | 10-07-1976 | 6.64 |
| | 03-17-1978 | 9.66 |
| | 10-23-1978 | 1.06 |
| | 03-05-1979 | 3.24 |
| | 10-02-1979 | 0.78 |
| | 03-04-1980 | 0.17 |
| | 10-08-1980 | 0.69 |
| | 03-12-1981 | 1.50 |
| | 10-02-1981 | 8.40 |
| | 03-03-1982 | 8.10 |
| | 09-20-1982 | 2.42 |
| | 03-10-1983 | 5.86 |
| | 10-21-1983 | 1.94 |
| | 03-28-1984 | 6.70 |
| | 10-10-1984 | 5.40 |
| | 02-14-1985 | 7.42 |
| | 02-21-1986 | 7.97 |
| | 02-27-1987 | 7.30 |
| | 02-22-1988 | 7.17 |
| | 02-27-1989 | 6.20 |
| | 09-25-1989 | 9.55 |
| | 02-23-1990 | 6.23 |
| | 02-27-1991 | 15.16 |
| | 10-09-1991 | 3.52 |
| | 02-13-1992 | 2.95 |
| | 09-29-1992 | 2.06 |
| | 02-18-1993 | 2.78 |
| | 02-25-1994 | 2.86 |
| | 02-23-1995 | 6.46 |
| | 02-15-1996 | 6.33 |
| | 02-19-1997 | 10.25 |
| (C-41-13)31cdd-1 | 01-24-1996 | 150.15 |
| | 02-19-1996 | 150.04 |
| (C-41-15)32acd-1 | 04-15-1996 | 482.21 |
| | 04-20-1996 | 482.32 |
| | 04-25-1996 | 482.22 |
| | 05-05-1996 | 482.56 |
| (C-41-15)32acd-1—Continued | | |
| | 05-10-1996 | 482.72 |
| | 05-15-1996 | 482.56 |
| | 05-20-1996 | 482.66 |
| | 05-25-1996 | 482.80 |
| | 06-05-1996 | 482.71 |
| | 06-10-1996 | 482.9 e |
| | 06-15-1996 | 482.9 e |
| | 06-20-1996 | 483.0 e |
| | 06-25-1996 | 483.1 e |
| | 07-05-1996 | 482.9 e |
| | 07-10-1996 | 483.0 e |
| | 07-15-1996 | 483.0 e |
| | 07-20-1996 | 483.0 e |
| | 07-25-1996 | 483.0 e |
| | 08-05-1996 | 483.0 e |
| | 08-10-1996 | 483.0 e |
| | 08-15-1996 | 483.0 e |
| | 08-20-1996 | 483.0 e |
| | 08-25-1996 | 483.0 e |
| | 09-05-1996 | 482.94 |
| | 09-10-1996 | 483.03 |
| | 09-15-1996 | 482.99 |
| | 09-20-1996 | 483.01 |
| | 09-25-1996 | 482.93 |
| | 10-05-1996 | 483.05 |
| | 10-10-1996 | 483.04 |
| | 10-15-1996 | 482.92 |
| | 10-20-1996 | 482.95 |
| | 10-25-1996 | 482.67 |
| | 11-05-1996 | 482.97 |
| | 11-10-1996 | 482.93 |
| | 11-15-1996 | 482.73 |
| | 11-20-1996 | 482.9 e |
| | 11-25-1996 | 482.9 e |
| | 12-05-1996 | 482.9 e |
| | 12-10-1996 | 483.0 e |
| | 12-15-1996 | 483.0 e |
| | 12-20-1996 | 483.0 e |
| | 12-25-1996 | 483.0 e |
| | 01-05-1997 | 483.1 e |
| | 01-10-1997 | 483.14 |
| | 01-15-1997 | 483.2 e |
| | 01-20-1997 | 483.2 e |
| | 01-25-1997 | 483.2 e |
| | 02-05-1997 | 483.2 e |
| | 02-10-1997 | 483.3 e |
| | 02-15-1997 | 483.3 e |
| | 02-20-1997 | 483.3 e |
| | 02-25-1997 | 483.3 e |
| | 03-05-1997 | 483.3 e |
| | 03-10-1997 | 483.4 e |
| | 03-15-1997 | 483.4 e |
| | 03-20-1997 | 483.4 e |
| | 03-25-1997 | 483.4 e |
| | 04-05-1997 | 483.5 e |
| | 04-10-1997 | 483.5 e |
| | 04-15-1997 | 483.5 e |
| (C-41-15)32acd-1—Continued | | |
| | 04-20-1997 | 483.5 e |
| | 04-25-1997 | 483.5 e |
| | 05-05-1997 | 483.6 e |
| | 05-10-1997 | 483.6 e |
| | 05-15-1997 | 483.6 e |
| | 05-20-1997 | 483.62 |
| (C-41-15)34adb-1 | 06-30-1995 | 229.93 |
| | 02-16-1996 | 228.02 |
| (C-41-15)35cda-1 | 02-23-1996 | 178.72 |
| | 03-01-1997 | 174.75 |
| (C-41-16)4cbc-1 | 02-22-1996 | 417.24 |
| | 02-28-1997 | 419.60 |
| (C-41-16)16cdb-1 | 06-30-1995 | 216.34 |
| | 02-16-1996 | 216.88 |
| (C-41-17)7ada-2 | 06-30-1995 | 236.47 |
| | 07-14-1995 | 236.93 |
| | 07-15-1995 | 237.07 |
| | 07-16-1995 | 237.05 |
| | 07-17-1995 | 237.14 |
| | 02-16-1996 | 246.38 |
| (C-41-17)7ddb-1 | 06-30-1995 | 217.18 |
| | 02-29-1996 | 227.15 |
| (C-41-17)8acc-1 | 06-30-1995 | 74.58 |
| | 07-06-1995 | 74.71 |
| | 01-18-1996 | 73.12 |
| | 02-05-1996 | 73.10 |
| | 02-18-1996 | 74.29 |
| | 02-28-1997 | 111.37 |
| (C-41-17)8cda-2 | 02-18-1996 | 94.49 |
| | 02-28-1997 | 105.04 |
| (C-41-17)8dba-1 | 06-30-1995 | 47.00 |
| | 07-06-1995 | 47.13 |
| | 01-18-1996 | 46.52 |
| | 02-01-1996 | 45.95 |
| | 02-05-1996 | 46.12 |
| | 02-18-1996 | 46.87 |
| (C-41-17)17bdb-1 | 06-30-1995 | 163.49 |
| | 07-14-1995 | 164.43 |
| | 07-15-1995 | 164.56 |
| | 07-16-1995 | 164.64 |
| | 07-17-1995 | 164.70 |
| | 12-31-1996 | 119.90 |
| | 02-24-1997 | 118.59 |
| (C-42-13)6bac-1 | 03-01-1970 | 132.00 |
| | 07-03-1974 | 130.33 |
| | 09-25-1974 | 130.30 |
| | 10-29-1974 | 130.22 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-42-13)6bac-1—Continued | | |
| | 01-08-1975 | 130.28 |
| | 02-05-1975 | 130.20 |
| | 06-08-1995 | 131.87 |
| | 02-17-1996 | 132.38 |
| (C-42-13)6bcd-1 | 02-26-1985 | 102.40 |
| | 10-11-1985 | 101.89 |
| | 02-26-1986 | 102.43 |
| | 09-26-1986 | 102.46 |
| | 02-27-1987 | 102.05 |
| | 09-16-1987 | 101.90 |
| | 02-22-1988 | 101.38 |
| | 09-23-1988 | 101.38 |
| | 02-27-1989 | 101.53 |
| | 09-25-1989 | 101.58 |
| | 02-23-1990 | 102.52 |
| | 09-06-1990 | 107.72 |
| | 02-27-1991 | 107.99 |
| | 10-09-1991 | 103.84 |
| | 02-11-1992 | 103.98 |
| | 02-18-1993 | 104.12 |
| | 02-24-1994 | 104.48 |
| | 02-23-1995 | 104.63 |
| | 02-15-1996 | 105.04 |
| | 02-20-1997 | 105.27 |
| (C-42-13)6cad-1 | 02-14-1996 | 212.25 |
| | 02-19-1996 | 202.68 |
| (C-42-13)7bba-1 | 12-03-1973 | 46.59 |
| | 01-15-1974 | 46.62 |
| | 01-30-1974 | 46.55 |
| | 02-19-1974 | 46.43 |
| | 05-03-1974 | 46.47 |
| | 07-02-1974 | 46.57 |
| | 09-25-1974 | 46.99 |
| | 09-27-1974 | 46.88 |
| | 10-02-1974 | 46.94 |
| | 10-04-1974 | 46.87 |
| | 10-08-1974 | 46.88 |
| | 10-10-1974 | 46.87 |
| | 10-12-1974 | 46.98 |
| | 10-14-1974 | 46.93 |
| | 10-16-1974 | 46.88 |
| | 10-18-1974 | 47.00 |
| | 10-22-1974 | 47.14 |
| | 10-23-1974 | 46.99 |
| | 10-25-1974 | 47.00 |
| | 11-17-1974 | 46.94 |
| | 01-07-1975 | 46.78 |
| | 02-05-1975 | 46.95 |
| | 06-27-1995 | 72.59 |
| | 02-17-1996 | 60.00 |
| (C-42-13)7bba-2 | 06-08-1995 | 70.04 |
| | 02-17-1996 | 60.67 |
| (C-42-13)7ccc-2 | 06-09-1995 | 66.40 |
| | 02-17-1996 | 65.30 |
| (C-42-13)18bcb-1 | 06-27-1995 | 67.83 |
| | 02-17-1996 | 68.67 |
| (C-42-13)18bcb-2 | 06-27-1995 | 66.53 |
| | 02-17-1996 | 67.40 |
| (C-42-13)30bdc-1 | 07-19-1995 | 130.00 |
| | 02-19-1996 | 130.52 |
| [2](C-42-14)11aba-1 | 02-27-1985 | 47.94 |
| | 02-26-1986 | 47.10 |
| | 02-27-1987 | 44.53 |
| | 02-22-1988 | 44.74 |
| | 02-11-1992 | 45.77 |
| | 02-18-1993 | 45.79 |
| | 02-24-1994 | 46.28 |
| | 02-23-1995 | 46.85 |
| | 02-15-1996 | 54.88 |
| | 02-20-1997 | 52.26 |
| (C-42-14)12ada-1 | 06-27-1995 | 44.90 |
| | 02-17-1996 | 38.34 |
| (C-42-14)12dba-1 | 06-28-1995 | 62.93 |
| | 01-17-1996 | 65.37 |
| | 01-22-1996 | 64.64 |
| | 02-17-1996 | 65.84 |
| (C-42-14)12dba-2 | 06-08-1995 | 65.27 |
| | 06-28-1995 | 63.47 |
| | 12-14-1995 | 65.13 |
| | 01-16-1996 | 63.95 |
| | 01-22-1996 | 63.32 |
| | 02-17-1996 | 64.95 |
| (C-42-14)12dbb-1 | 03-19-1971 | 34.98 |
| | 10-20-1971 | 34.77 |
| | 03-03-1972 | 34.52 |
| | 10-17-1972 | 60.43 |
| | 04-03-1973 | 35.02 |
| | 09-28-1973 | 34.28 |
| | 03-19-1974 | 34.23 |
| | 10-10-1974 | 34.72 |
| | 04-02-1975 | 34.74 |
| | 10-16-1975 | 34.88 |
| | 03-09-1976 | 34.48 |
| | 10-07-1976 | 34.72 |
| | 03-08-1977 | 34.09 |
| | 10-13-1977 | 37.00 |
| | 03-17-1978 | 38.05 |
| | 10-23-1978 | 49.08 |
| | 03-05-1979 | 43.60 |
| | 10-02-1979 | 73.95 |
| | 03-04-1980 | 49.10 |
| | 03-12-1981 | 49.50 |
| (C-42-14)12dbb-1—Continued | | |
| | 10-02-1981 | 83.39 |
| | 03-03-1982 | 51.14 |
| | 03-10-1983 | 52.10 |
| | 10-24-1983 | 47.57 |
| | 03-30-1984 | 45.13 |
| | 02-26-1985 | 45.92 |
| | 02-26-1986 | 48.85 |
| | 02-27-1987 | 49.69 |
| | 02-22-1988 | 45.37 |
| | 02-27-1989 | 41.91 |
| | 02-23-1990 | 40.52 |
| | 02-27-1991 | 38.49 |
| | 02-11-1992 | 39.00 |
| | 02-18-1993 | 40.92 |
| | 02-24-1994 | 46.37 |
| | 02-23-1995 | 48.05 |
| | 06-16-1995 | 67.56 |
| | 01-16-1996 | 60.85 |
| | 01-22-1996 | 60.40 |
| | 02-17-1996 | 60.81 |
| | 02-15-1996 | 60.84 |
| | 02-20-1997 | 62.78 |
| (C-42-14)12dbb-2 | 06-28-1995 | 62.54 |
| | 01-16-1996 | 62.27 |
| | 01-22-1996 | 61.58 |
| | 02-17-1996 | 63.14 |
| (C-42-14)12dbb-3 | 06-07-1995 | 62.00 |
| | 06-28-1995 | 59.75 |
| | 01-16-1996 | 58.58 |
| | 01-22-1996 | 57.99 |
| | 02-17-1996 | 59.59 |
| (C-42-14)12dbc-1 | 06-16-1995 | 65.86 |
| | 01-16-1996 | 61.81 |
| | 01-22-1996 | 61.42 |
| | 02-17-1996 | 61.76 |
| (C-42-14)12dda-1 | 01-17-1996 | 63.88 |
| | 01-22-1996 | 63.36 |
| | 02-04-1996 | 62.57 |
| | 02-17-1996 | 62.70 |
| (C-42-14)13aad-1 | 06-09-1995 | 58.96 |
| | 02-17-1996 | 59.40 |
| (C-42-14)13aad-2 | 06-09-1995 | 53.18 |
| | 02-17-1996 | 54.17 |
| (C-42-14)13abc-1 | 06-27-1995 | 55.88 |
| | 02-17-1996 | 56.71 |
| (C-42-14)13acc-1 | 06-27-1995 | 66.27 |
| | 02-17-1996 | 66.99 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| [1](C-42-14)13acd-1 | 03-03-1995 | 58.20 |
| | 03-27-1995 | 58.30 |
| | 04-17-1995 | 58.40 |
| | 05-01-1995 | 58.30 |
| | 06-05-1995 | 58.40 |
| | 06-19-1995 | 58.50 |
| | 06-27-1995 | 58.65 |
| | 07-10-1995 | 58.60 |
| | 07-25-1995 | 58.78 |
| | 08-07-1995 | 58.85 |
| | 08-21-1995 | 58.99 |
| | 09-05-1995 | 59.10 |
| | 09-20-1995 | 59.02 |
| | 10-02-1995 | 59.15 |
| | 10-16-1995 | 59.16 |
| | 10-30-1995 | 59.28 |
| | 11-13-1995 | 59.41 |
| | 11-27-1995 | 59.42 |
| | 12-11-1995 | 59.44 |
| | 01-09-1996 | 59.42 |
| | 01-29-1996 | 59.44 |
| | 02-12-1996 | 59.56 |
| | 02-26-1996 | 59.49 |
| | 03-11-1996 | 59.51 |
| | 03-25-1996 | 59.56 |
| | 04-08-1996 | 59.67 |
| | 04-22-1996 | 59.80 |
| | 05-06-1996 | 59.73 |
| | 05-20-1996 | 59.90 |
| | 06-03-1996 | 59.98 |
| | 06-17-1996 | 60.02 |
| | 07-01-1996 | 60.11 |
| | 07-15-1996 | 60.15 |
| | 07-29-1996 | 60.25 |
| | 08-12-1996 | 60.31 |
| | 08-26-1996 | 60.37 |
| | 09-16-1996 | 60.44 |
| | 10-01-1996 | 60.67 |
| | 10-25-1996 | 60.48 |
| | 12-04-1996 | 60.90 |
| | 12-23-1996 | 60.97 |
| | 12-30-1996 | 60.75 |
| | 01-28-1997 | 60.93 |
| | 02-24-1997 | 60.89 |
| | 03-17-1997 | 60.90 |
| | 04-07-1997 | 60.85 |
| | 04-28-1997 | 60.95 |
| | 05-19-1997 | 60.94 |
| | 06-04-1997 | 60.97 |
| | 06-30-1997 | 61.20 |
| | 07-14-1997 | 61.33 |
| | 07-28-1997 | 61.32 |
| | 08-18-1997 | 61.44 |
| | 09-08-1997 | 61.42 |
| | 09-22-1997 | 61.53 |
| | 10-20-1997 | 61.51 |
| | 11-17-1997 | 61.73 |
| | 12-01-1997 | 61.49 |
| [1](C-42-14)13dca-1 | 03-03-1995 | 76.80 |
| | 03-27-1995 | 76.90 |
| | 04-17-1995 | 76.90 |
| | 05-01-1995 | 76.80 |
| | 06-05-1995 | 76.80 |
| | 06-19-1995 | 76.90 |
| | 06-27-1995 | 76.97 |
| | 07-10-1995 | 76.95 |
| | 07-25-1995 | 77.02 |
| | 08-07-1995 | 77.02 |
| | 08-21-1995 | 77.26 |
| | 09-05-1995 | 77.20 |
| | 09-20-1995 | 77.07 |
| | 10-02-1995 | 77.21 |
| | 10-16-1995 | 77.06 |
| | 10-30-1995 | 77.18 |
| | 11-13-1995 | 77.39 |
| | 11-27-1995 | 77.32 |
| | 12-11-1995 | 77.32 |
| | 01-09-1996 | 77.30 |
| | 01-29-1996 | 77.24 |
| | 02-12-1996 | 77.44 |
| | 02-26-1996 | 77.15 |
| | 03-11-1996 | 77.31 |
| | 03-25-1996 | 77.34 |
| | 04-08-1996 | 77.41 |
| | 04-22-1996 | 77.60 |
| | 05-06-1996 | 77.38 |
| | 05-20-1996 | 77.47 |
| | 06-03-1996 | 77.63 |
| | 06-17-1996 | 77.55 |
| | 07-01-1996 | 77.66 |
| | 07-15-1996 | 77.61 |
| | 07-29-1996 | 77.72 |
| | 08-12-1996 | 77.69 |
| | 08-26-1996 | 77.59 |
| | 09-16-1996 | 77.56 |
| | 10-01-1996 | 77.66 |
| | 10-25-1996 | 77.41 |
| | 12-04-1996 | 78.00 |
| | 12-23-1996 | 78.07 |
| | 12-30-1996 | 77.82 |
| | 01-28-1997 | 78.13 |
| | 02-24-1997 | 78.01 |
| | 03-17-1997 | 78.03 |
| | 04-07-1997 | 77.92 |
| | 04-28-1997 | 77.89 |
| | 05-19-1997 | 77.90 |
| | 06-04-1997 | 77.92 |
| | 06-30-1997 | 78.04 |
| | 07-14-1997 | 78.26 |
| | 07-28-1997 | 78.20 |
| | 08-18-1997 | 78.28 |
| | 09-08-1997 | 78.18 |
| | 09-22-1997 | 78.29 |
| | 10-20-1997 | 78.22 |
| | 11-17-1997 | 78.60 |
| | 12-01-1997 | 78.12 |
| [1](C-42-14)13ddd-1 | 03-03-1995 | 86.50 |
| | 03-27-1995 | 86.50 |
| | 04-17-1995 | 86.50 |
| | 05-01-1995 | 86.50 |
| | 06-05-1995 | 86.40 |
| | 06-19-1995 | 86.60 |
| | 06-27-1995 | 86.60 |
| | 07-10-1995 | 86.50 |
| | 07-25-1995 | 86.62 |
| | 08-07-1995 | 86.60 |
| | 08-21-1995 | 86.85 |
| | 09-05-1995 | 86.78 |
| | 09-20-1995 | 86.65 |
| | 10-02-1995 | 86.77 |
| | 10-16-1995 | 86.67 |
| | 10-30-1995 | 86.71 |
| | 11-13-1995 | 86.95 |
| | 11-27-1995 | 86.87 |
| | 12-11-1995 | 86.86 |
| | 01-09-1996 | 86.83 |
| | 01-29-1996 | 86.75 |
| | 02-12-1996 | 86.99 |
| | 02-26-1996 | 86.69 |
| | 03-11-1996 | 86.85 |
| | 03-25-1996 | 86.80 |
| | 04-08-1996 | 86.93 |
| | 04-22-1996 | 87.08 |
| | 05-06-1996 | 87.85 |
| | 05-20-1996 | 86.93 |
| | 06-03-1996 | 87.12 |
| | 06-17-1996 | 87.00 |
| | 07-01-1996 | 87.12 |
| | 07-15-1996 | 87.05 |
| | 07-29-1996 | 87.18 |
| | 08-12-1996 | 87.12 |
| | 08-26-1996 | 87.04 |
| | 09-16-1996 | 86.95 |
| | 10-01-1996 | 87.10 |
| | 10-25-1996 | 86.81 |
| | 12-04-1996 | 87.39 |
| | 12-23-1996 | 87.54 |
| | 12-30-1996 | 87.18 |
| | 01-28-1997 | 87.50 |
| | 02-24-1997 | 87.37 |
| | 03-17-1997 | 87.39 |
| | 04-07-1997 | 87.30 |
| | 04-28-1997 | 87.21 |
| | 05-19-1997 | 87.21 |
| | 06-04-1997 | 87.21 |
| | 06-30-1997 | 87.36 |
| | 07-14-1997 | 87.59 |
| | 07-28-1997 | 87.57 |
| | 08-18-1997 | 87.57 |
| | 09-08-1997 | 87.47 |
| | 09-22-1997 | 87.57 |
| | 10-20-1997 | 87.51 |
| | 11-17-1997 | 87.90 |
| | 12-01-1997 | 87.40 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| [1](C-42-14)14aad-1 | 03-03-1995 | 53.50 |
| | 03-27-1995 | 53.80 |
| | 04-17-1995 | 53.90 |
| | 05-01-1995 | 53.90 |
| | 06-05-1995 | 53.80 |
| | 06-19-1995 | 54.00 |
| | 06-27-1995 | 54.14 |
| | 07-10-1995 | 54.11 |
| | 07-25-1995 | 54.31 |
| | 08-07-1995 | 54.31 |
| | 08-21-1995 | 54.54 |
| | 09-05-1995 | 54.60 |
| | 09-20-1995 | 54.65 |
| | 10-02-1995 | 54.68 |
| | 10-16-1995 | 54.61 |
| | 10-30-1995 | 54.66 |
| | 11-13-1995 | 54.75 |
| | 11-27-1995 | 54.72 |
| | 12-11-1995 | 54.65 |
| | 01-09-1996 | 54.72 |
| | 01-29-1996 | 54.68 |
| | 02-12-1996 | 54.85 |
| | 02-26-1996 | 54.57 |
| | 03-11-1996 | 54.72 |
| | 03-25-1996 | 54.78 |
| | 04-08-1996 | 54.95 |
| | 04-22-1996 | 55.20 |
| | 05-06-1996 | 55.09 |
| | 05-20-1996 | 55.21 |
| | 06-03-1996 | 55.38 |
| | 06-17-1996 | 55.36 |
| | 07-01-1996 | 55.51 |
| | 07-15-1996 | 55.80 |
| | 07-29-1996 | 55.68 |
| | 08-12-1996 | 55.75 |
| | 08-26-1996 | 55.67 |
| | 09-16-1996 | 55.67 |
| | 10-01-1996 | 55.80 |
| | 10-25-1996 | 55.53 |
| | 12-04-1996 | 55.94 |
| | 12-23-1996 | 55.94 |
| | 12-30-1996 | 55.80 |
| | 01-28-1997 | 56.00 |
| | 02-24-1997 | 55.93 |
| | 03-17-1997 | 56.02 |
| | 04-07-1997 | 56.15 |
| | 04-28-1997 | 56.11 |
| | 05-19-1997 | 56.11 |
| | 06-04-1997 | 53.24 |
| | 06-30-1997 | 56.40 |
| | 07-14-1997 | 56.62 |
| | 07-28-1997 | 56.62 |
| | 08-18-1997 | 56.73 |
| | 09-08-1997 | 56.56 |
| | 09-22-1997 | 56.69 |
| | 10-20-1997 | 56.65 |
| | 11-17-1997 | 56.93 |
| | 12-01-1997 | 56.56 |
| (C-42-14)15cbd-1 | 02-22-1988 | 90.37 |
| | 02-27-1989 | 89.80 |
| | 02-23-1990 | 89.47 |
| | 02-27-1991 | 90.50 |
| | 02-27-1992 | 90.30 |
| | 02-18-1993 | 88.69 |
| | 02-24-1994 | 89.89 |
| | 03-09-1995 | 89.95 |
| | 02-14-1996 | 90.26 |
| | 02-20-1997 | 91.19 |
| (C-42-14)15dab-2 | 06-07-1995 | 28.35 |
| | 02-22-1996 | 26.05 |
| (C-42-14)15dad-1 | 06-07-1995 | 78.50 |
| | 02-22-1996 | 75.00 |
| | 03-27-1997 | 74.53 |
| (C-42-14)19cac-1 | 02-15-1985 | 73.79 |
| | 10-11-1985 | 76.60 |
| | 02-21-1986 | 74.16 |
| | 09-26-1986 | 75.40 |
| | 02-27-1987 | 74.29 |
| | 09-16-1987 | 75.78 |
| | 02-22-1988 | 74.95 |
| | 09-23-1988 | 75.93 |
| | 02-27-1989 | 74.15 |
| | 09-25-1989 | 72.60 |
| | 02-23-1990 | 71.90 |
| | 09-06-1990 | 73.25 |
| | 02-27-1991 | 75.18 |
| | 10-09-1991 | 74.77 |
| | 02-11-1992 | 74.76 |
| | 09-29-1992 | 74.33 |
| | 02-18-1993 | 74.93 |
| | 02-24-1994 | 71.81 |
| | 02-23-1995 | 73.30 |
| | 02-14-1996 | 70.76 |
| | 02-20-1997 | 70.09 |
| (C-42-14)23abc-1 | 03-03-1995 | 73.50 |
| | 03-27-1995 | 73.50 |
| | 04-17-1995 | 73.50 |
| | 05-01-1995 | 73.30 |
| | 06-05-1995 | 73.20 |
| | 06-19-1995 | 73.30 |
| | 06-27-1995 | 73.50 |
| | 07-10-1995 | 73.31 |
| | 07-25-1995 | 73.35 |
| | 08-07-1995 | 73.34 |
| | 08-21-1995 | 73.48 |
| | 09-05-1995 | 73.42 |
| | 09-20-1995 | 73.26 |
| | 10-02-1995 | 73.40 |
| | 10-16-1995 | 73.21 |
| | 10-30-1995 | 73.34 |
| | 11-13-1995 | 73.46 |
| | 11-27-1995 | 73.38 |
| (C-42-14)23abc-1—Continued | | |
| | 12-11-1995 | 73.30 |
| | 01-09-1996 | 73.28 |
| | 01-29-1996 | 73.22 |
| | 02-12-1996 | 73.36 |
| | 02-26-1996 | 73.11 |
| | 03-11-1996 | 73.21 |
| | 03-25-1996 | 73.23 |
| | 04-08-1996 | 73.25 |
| | 04-22-1996 | 73.38 |
| | 05-06-1996 | 73.16 |
| | 05-20-1996 | 73.22 |
| | 06-03-1996 | 73.31 |
| | 06-17-1996 | 73.20 |
| | 07-01-1996 | 73.26 |
| | 07-15-1996 | 73.20 |
| | 07-29-1996 | 73.26 |
| | 08-12-1996 | 73.21 |
| | 08-26-1996 | 73.06 |
| | 09-16-1996 | 73.02 |
| | 10-01-1996 | 73.07 |
| | 10-25-1996 | 72.82 |
| | 12-04-1996 | 73.29 |
| | 12-23-1996 | 73.35 |
| | 12-30-1996 | 73.08 |
| | 01-28-1997 | 73.32 |
| | 02-24-1997 | 73.12 |
| | 03-17-1997 | 73.17 |
| | 04-07-1997 | 73.56 |
| | 04-28-1997 | 72.90 |
| | 05-19-1997 | 72.85 |
| | 06-04-1997 | 72.86 |
| | 06-30-1997 | 72.91 |
| | 07-14-1997 | 73.07 |
| | 07-28-1997 | 73.01 |
| | 08-18-1997 | 73.03 |
| | 09-08-1997 | 72.91 |
| | 09-22-1997 | 73.00 |
| | 10-20-1997 | 72.92 |
| | 11-17-1997 | 73.25 |
| | 12-01-1997 | 72.76 |
| [1](C-42-14)23daa-1 | 03-03-1995 | 98.10 |
| | 03-27-1995 | 98.00 |
| | 04-17-1995 | 98.10 |
| | 05-01-1995 | 98.00 |
| | 06-05-1995 | 98.00 |
| | 06-19-1995 | 98.00 |
| | 06-27-1995 | 98.06 |
| | 07-10-1995 | 97.99 |
| | 07-25-1995 | 98.02 |
| | 08-07-1995 | 98.02 |
| | 08-21-1995 | 98.21 |
| | 09-05-1995 | 98.12 |
| | 09-20-1995 | 97.95 |
| | 10-02-1995 | 98.07 |
| | 10-16-1995 | 97.91 |
| | 10-30-1995 | 98.00 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| [1](C-42-14)23daa-1—Continued | | |
| | 11-13-1995 | 98.16 |
| | 11-27-1995 | 98.09 |
| | 12-11-1995 | 98.03 |
| | 01-09-1996 | 97.98 |
| | 01-29-1996 | 97.93 |
| | 02-12-1996 | 98.10 |
| | 02-26-1996 | 97.83 |
| | 03-11-1996 | 97.93 |
| | 03-25-1996 | 97.99 |
| | 04-08-1996 | 97.97 |
| | 04-22-1996 | 98.13 |
| | 05-06-1996 | 97.92 |
| | 05-20-1996 | 97.97 |
| | 06-03-1996 | 98.06 |
| | 06-17-1996 | 97.96 |
| | 07-01-1996 | 98.01 |
| | 07-15-1996 | 97.94 |
| | 07-29-1996 | 98.01 |
| | 08-12-1996 | 97.95 |
| | 08-26-1996 | 97.79 |
| | 09-16-1996 | 97.77 |
| | 10-01-1996 | 97.81 |
| | 10-25-1996 | 97.54 |
| | 12-04-1996 | 98.03 |
| | 12-23-1996 | 98.12 |
| | 12-30-1996 | 97.84 |
| | 01-28-1997 | 98.10 |
| | 02-24-1997 | 97.88 |
| | 03-17-1997 | 97.91 |
| | 04-07-1997 | 97.83 |
| | 04-28-1997 | 97.65 |
| | 05-19-1997 | 97.58 |
| | 06-04-1997 | 97.60 |
| | 06-30-1997 | 97.63 |
| | 07-14-1997 | 97.82 |
| | 07-28-1997 | 97.74 |
| | 08-18-1997 | 97.78 |
| | 09-08-1997 | 97.65 |
| | 09-22-1997 | 97.73 |
| | 10-20-1997 | 97.65 |
| | 11-17-1997 | 97.97 |
| | 12-01-1997 | 97.47 |
| (C-42-14)25abb-1 | 12-15-1995 | 68.59e |
| | 12-20-1995 | 68.38 |
| | 12-25-1995 | 68.55 |
| | 01-05-1996 | 68.44 |
| | 01-10-1996 | 68.40 |
| | 01-15-1996 | 68.33 |
| | 01-20-1996 | 68.52 |
| | 01-25-1996 | 68.25 |
| | 02-05-1996 | 68.50 |
| | 02-10-1996 | 68.38 |
| | 02-15-1996 | 68.35 |
| | 02-20-1996 | 68.28 |
| | 02-25-1996 | 68.16 |
| | 03-05-1996 | 68.18 |
| (C-42-14)25abb-1—Continued | | |
| | 03-10-1996 | 68.29 |
| | 03-15-1996 | 68.31 |
| | 03-20-1996 | 68.26 |
| | 03-25-1996 | 68.27 |
| | 04-05-1996 | 68.42 |
| | 04-10-1996 | 68.13 |
| | 04-15-1996 | 68.21 |
| | 04-20-1996 | 68.24 |
| | 04-25-1996 | 68.18 |
| | 05-05-1996 | 68.23 |
| | 05-10-1996 | 68.37 |
| | 05-15-1996 | 68.20 |
| | 05-20-1996 | 68.22 |
| | 05-25-1996 | 68.23 |
| | 06-05-1996 | 68.17 |
| | 06-10-1996 | 68.15 |
| | 06-15-1996 | 68.17 |
| | 06-20-1996 | 68.12 |
| | 06-25-1996 | 68.12 |
| | 07-05-1996 | 68.17 |
| | 07-10-1996 | 68.22 |
| | 07-15-1996 | 68.18 |
| | 07-20-1996 | 68.18 |
| | 07-25-1996 | 68.14 |
| | 08-05-1996 | 68.13 |
| | 08-10-1996 | 68.11 |
| | 08-15-1996 | 68.16 |
| | 08-20-1996 | 68.12 |
| | 08-25-1996 | 68.06 |
| | 09-05-1996 | 68.07 |
| | 09-10-1996 | 68.16 |
| | 09-15-1996 | 68.06 |
| | 09-20-1996 | 68.14 |
| | 09-25-1996 | 68.04 |
| | 10-05-1996 | 68.16 |
| | 10-10-1996 | 68.15 |
| | 10-15-1996 | 68.04 |
| | 10-20-1996 | 68.16 |
| | 10-25-1996 | 67.82 |
| | 11-05-1996 | 68.06 |
| | 11-10-1996 | 68.08 |
| | 11-15-1996 | 67.86 |
| | 11-20-1996 | 68.08 |
| | 11-25-1996 | 68.15 |
| | 12-05-1996 | 67.97 |
| | 12-10-1996 | 67.98 |
| | 12-15-1996 | 68.26 |
| | 12-20-1996 | 67.93 |
| | 12-25-1996 | 67.97 |
| | 01-05-1997 | 68.02 |
| | 01-10-1997 | 67.93 |
| | 01-15-1997 | 68.33 |
| | 01-20-1997 | 67.97 |
| | 01-25-1997 | 68.00 |
| | 02-05-1997 | 68.03 |
| | 02-10-1997 | 68.01 |
| | 02-15-1997 | 68.14 |
| (C-42-14)25abb-1—Continued | | |
| | 02-20-1997 | 67.99 |
| | 02-25-1997 | 67.90 |
| | 03-05-1997 | 68.23 |
| | 03-10-1997 | 68.02 |
| | 03-15-1997 | 67.95 |
| | 03-20-1997 | 67.96 |
| | 03-25-1997 | 68.10 |
| | 04-05-1997 | 67.91 |
| | 04-10-1997 | 67.98 |
| | 04-15-1997 | 68.06 |
| | 04-20-1997 | 67.96 |
| | 04-25-1997 | 68.06 |
| | 05-05-1997 | 67.94 |
| | 05-10-1997 | 67.97 |
| | 05-15-1997 | 67.97 |
| | 05-20-1997 | 68.02 |
| | 06-04-1997 | 69.60 |
| | 06-09-1997 | 69.66 |
| | 06-18-1997 | 69.61 |
| | 06-30-1997 | 69.79 |
| | 07-07-1997 | 69.45 |
| (C-42-14)26bbb-1 | 06-07-1995 | 82.86 |
| | 02-19-1996 | 82.58 |
| (C-42-15)2bcb-1 | 07-13-1995 | 172.40 |
| | 02-20-1996 | 162.39 |
| (C-42-15)3acd-1 | 06-28-1995 | 114.64 |
| | 02-20-1996 | 110.73 |
| (C-42-15)3daa-1 | 02-20-1996 | 140.68 |
| | 03-01-1997 | 145.76 |
| (C-42-15)6dcd-1 | 06-30-1995 | 286.70 |
| | 02-18-1996 | 279.15 |
| (C-42-15)11dcb-1 | 04-12-1996 | 103.99 |
| | 03-01-1997 | 105.54 |
| (C-42-15)26aca-1 | 03-28-1984 | 16.33 |
| | 10-23-1984 | 15.25 |
| | 02-15-1985 | 18.36 |
| | 10-11-1985 | 14.40 |
| | 02-21-1986 | 18.54 |
| | 09-26-1986 | 14.68 |
| | 02-27-1987 | 18.19 |
| | 09-16-1987 | 15.24 |
| | 02-22-1988 | 20.55 |
| | 09-23-1988 | 14.59 |
| | 02-27-1989 | 19.17 |
| | 09-25-1989 | 15.98 |
| | 02-23-1990 | 18.62 |
| | 09-06-1990 | 15.83 |
| | 02-27-1991 | 19.29 |
| | 10-09-1991 | 20.83 |
| | 02-11-1992 | 18.90 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-42-15)26aca-1—Continued | | |
| | 09-29-1992 | 14.10 |
| | 02-18-1993 | 18.04 |
| | 02-25-1994 | 16.75 |
| | 02-23-1995 | 17.17 |
| | 02-14-1996 | 16.81 |
| (C-42-15)34dba-2 | 08- -1968 | 18.0 |
| | 10-19-1970 | 20.65 |
| | 03-18-1971 | 25.79 |
| | 10-19-1971 | 24.70 |
| | 03-03-1972 | 23.38 |
| | 10-17-1972 | 20.80 |
| | 04-03-1973 | 24.47 |
| | 09-28-1973 | 20.76 |
| | 03-19-1974 | 22.15 |
| | 10-09-1974 | 21.49 |
| | 04-02-1975 | 21.89 |
| | 10-29-1975 | 21.35 |
| | 03-09-1976 | 22.31 |
| | 10-05-1976 | 23.11 |
| | 03-15-1977 | 22.98 |
| | 10-14-1977 | 18.82 |
| | 03-17-1978 | 22.37 |
| | 10-23-1978 | 18.73 |
| | 03-05-1979 | 25.54 |
| | 10-02-1979 | 14.28 |
| | 03-04-1980 | 20.87 |
| | 10-08-1980 | 15.40 |
| | 03-12-1981 | 21.17 |
| | 10-02-1981 | 16.39 |
| | 03-03-1982 | 21.95 |
| | 10-08-1982 | 18.60 |
| | 03-10-1983 | 24.04 |
| | 10-24-1983 | 19.80 |
| | 03-28-1984 | 20.76 |
| | 10-23-1984 | 18.97 |
| | 02-15-1985 | 22.86 |
| | 02-21-1986 | 22.70 |
| | 02-27-1987 | 23.13 |
| | 02-22-1988 | 23.77 |
| | 02-27-1989 | 23.31 |
| | 02-23-1990 | 22.60 |
| | 02-27-1991 | 21.97 |
| | 02-11-1992 | 22.84 |
| | 02-18-1993 | 22.96 |
| | 02-25-1994 | 22.13 |
| | 02-23-1995 | 23.73 |
| | 02-14-1996 | 21.64 |
| | 02-20-1997 | 22.74 |
| (C-42-16)5bbb-1 | 10-08-1985 | 27.74 |
| | 02-21-1986 | 30.21 |
| | 09-26-1986 | 26.82 |
| | 02-27-1987 | 29.98 |
| | 10-01-1987 | 25.80 |
| | 02-22-1988 | 29.50 |
| | 09-23-1988 | 24.25 |

| Well number | Date | Water level |
|---|---|---|
| (C-42-16)5bbb-1—Continued | | |
| | 09-25-1989 | 32.18 |
| | 02-23-1990 | 34.48 |
| | 09-05-1990 | 39.38 |
| | 02-28-1991 | 34.62 |
| | 10-09-1991 | 38.58 |
| | 02-13-1992 | 36.10 |
| | 09-28-1992 | 28.27 |
| | 02-19-1993 | 26.02 |
| | 02-23-1994 | 30.49 |
| | 02-13-1996 | 30.79 |
| | 02-19-1997 | 31.95 |
| [3](C-42-16)16caa-1 | 12-08-1953 | 10.38 |
| | 03-23-1954 | 7.09 |
| | 12-03-1954 | 15.82 |
| | 12-02-1955 | 12.26 |
| | 03-18-1956 | 8.92 |
| | 12-31-1956 | 13.69 |
| | 03-24-1957 | 9.50 |
| | 12-21-1957 | 10.04 |
| | 04-01-1958 | 6.80 |
| | 12-22-1958 | 6.25 |
| | 03-29-1959 | 6.17 |
| | 12-11-1959 | 9.84 |
| | 04-05-1960 | 6.07 |
| | 01-05-1961 | 13.20 |
| | 03-21-1961 | 9.94 |
| | 12-20-1961 | 14.26 |
| | 03-15-1962 | 10.62 |
| | 12-20-1962 | 11.63 |
| | 03-14-1964 | 17.50 |
| | 12-03-1964 | 20.18 |
| | 03-27-1965 | 13.24 |
| | 12-13-1965 | 17.19 |
| | 03-25-1966 | 12.62 |
| | 12-13-1966 | 17.19 |
| | 03-10-1967 | 12.22 |
| | 10-24-1967 | 12.88 |
| | 03-01-1968 | 10.55 |
| | 10-01-1968 | 16.37 |
| | 03-04-1969 | 10.27 |
| | 03-26-1970 | 7.84 |
| | 10-20-1970 | 17.97 |
| | 03-19-1971 | 12.74 |
| | 03-03-1972 | 17.03 |
| | 10-17-1972 | 19.35 |
| | 04-03-1973 | 15.07 |
| | 09-27-1973 | 6.30 |
| | 03-20-1974 | 7.11 |
| | 10-09-1974 | 7.63 |
| | 04-02-1975 | 9.50 |
| | 10-15-1975 | 7.70 |
| | 03-01-1976 | 8.91 |
| | 10-05-1976 | 11.50 |
| | 03-08-1977 | 11.06 |
| | 10-13-1977 | 25.55 |
| | 03-14-1978 | 13.79 |

| Well number | Date | Water level |
|---|---|---|
| [3](C-42-16)16caa-1—Continued | | |
| | 10-23-1978 | 8.37 |
| | 03-05-1979 | 7.28 |
| | 10-05-1979 | 7.37 |
| | 03-05-1980 | 4.57 |
| | 10-08-1980 | 6.11 |
| | 03-15-1982 | 6.73 |
| | 10-08-1982 | 7.40 |
| | 03-11-1983 | 5.79 |
| | 10-31-1983 | 6.30 |
| | 03-29-1984 | 6.51 |
| | 10-23-1984 | 7.84 |
| | 02-14-1985 | 7.89 |
| | 10-08-1985 | 7.31 |
| | 02-20-1986 | 7.85 |
| | 09-26-1986 | 8.80 |
| | 02-27-1987 | 9.10 |
| | 10-01-1987 | 16.37 |
| | 02-22-1988 | 16.87 |
| | 09-23-1988 | 9.55 |
| | 02-27-1989 | 7.41 |
| | 09-25-1989 | 13.05 |
| | 02-23-1990 | 15.52 |
| | 09-05-1990 | 29.66 |
| | 02-28-1991 | 23.83 |
| | 10-09-1991 | 22.67 |
| | 02-13-1992 | 22.50 |
| | 09-28-1992 | 15.84 |
| | 02-19-1993 | 10.56 |
| | 02-24-1994 | 8.38 |
| | 02-23-1995 | 7.36 |
| | 02-14-1996 | 7.51 |
| | 02-19-1997 | 9.03 |
| [4](C-42-16)22cdb-1 | 03-24-1947 | 21.11 |
| | 12-09-1947 | 21.16 |
| | 03-15-1948 | 20.84 |
| | 12-09-1948 | 21.62 |
| | 04-02-1949 | 21.33 |
| | 12-08-1949 | 20.29 |
| | 03-28-1950 | 20.08 |
| | 12-07-1950 | 21.76 |
| | 03-25-1951 | 20.38 |
| | 04-04-1952 | 21.40 |
| | 12-05-1952 | 20.88 |
| | 03-14-1953 | 21.36 |
| | 03-23-1954 | 21.52 |
| | 12-02-1955 | 26.86 |
| | 03-18-1956 | 21.65 |
| | 12-21-1957 | 23.84 |
| | 04-01-1958 | 21.57 |
| | 12-22-1958 | 20.88 |
| | 03-29-1959 | 20.00 |
| | 04-05-1960 | 20.48 |
| | 01-05-1961 | 24.23 |
| | 03-23-1961 | 22.40 |
| | 12-29-1961 | 24.95 |
| | 03-15-1962 | 24.04 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| [4](C-42-16)22cdb-1—Continued | | |
| | 12-20-1962 | 26.60 |
| | 05-15-1963 | 30.20 |
| | 03-14-1964 | 29.90 |
| | 12-03-1964 | 32.48 |
| | 03-27-1965 | 25.66 |
| | 12-13-1965 | 26.84 |
| | 03-25-1966 | 16.36 |
| | 11-04-1966 | 33.40 |
| | 12-13-1966 | 26.84 |
| | 03-10-1967 | 19.95 |
| | 10-24-1967 | 20.80 |
| | 03-01-1968 | 19.60 |
| | 03-05-1969 | 18.35 |
| | 03-26-1970 | 19.15 |
| | 10-20-1970 | 23.10 |
| | 03-18-1971 | 27.52 |
| | 03-03-1972 | 27.75 |
| | 04-03-1973 | 22.76 |
| | 09-27-1973 | 21.20 |
| | 03-20-1974 | 20.04 |
| | 04-02-1975 | 23.55 |
| | 10-15-1975 | 20.78 |
| | 03-01-1976 | 21.14 |
| | 10-05-1976 | 21.17 |
| | 03-08-1977 | 21.46 |
| | 10-13-1977 | 27.50 |
| | 03-14-1978 | 19.79 |
| | 10-23-1978 | 19.26 |
| | 03-05-1979 | 21.50 |
| | 03-12-1981 | 19.98 |
| | 10-02-1981 | 19.51 |
| | 03-03-1982 | 22.02 |
| | 10-08-1982 | 19.98 |
| | 03-11-1983 | 18.10 |
| | 10-31-1983 | 20.55 |
| | 03-29-1984 | 20.80 |
| | 10-23-1984 | 20.43 |
| | 02-14-1985 | 21.08 |
| | 02-20-1986 | 20.92 |
| | 02-27-1987 | 20.81 |
| | 02-22-1988 | 21.17 |
| | 02-27-1989 | 20.63 |
| | 02-23-1990 | 21.47 |
| | 02-28-1991 | 21.78 |
| | 02-13-1992 | 22.00 |
| | 02-19-1993 | 19.57 |
| | 02-24-1994 | 19.48 |
| | 02-24-1995 | 19.51 |
| | 02-14-1996 | 20.05 |
| | 02-19-1997 | 19.95 |
| (C-42-16)22dca-1 | 03-24-1971 | 26.92 |
| | 10-19-1971 | 32.82 |
| | 03-03-1972 | 29.00 |
| | 10-17-1972 | 30.09 |
| | 04-03-1973 | 31.79 |
| | 09-27-1973 | 23.81 |

| Well number | Date | Water level |
|---|---|---|
| (C-42-16)22dca-1—Continued | | |
| | 04-02-1975 | 24.48 |
| | 10-15-1975 | 25.91 |
| | 10-05-1976 | 27.02 |
| | 03-08-1977 | 27.19 |
| | 10-13-1977 | 30.72 |
| | 03-14-1978 | 28.65 |
| | 10-23-1978 | 23.12 |
| | 03-05-1979 | 22.71 |
| | 10-02-1979 | 17.80 |
| | 03-04-1980 | 19.42 |
| | 10-08-1980 | 16.80 |
| | 03-12-1981 | 19.18 |
| | 10-02-1981 | 18.50 |
| | 03-03-1982 | 20.59 |
| | 10-08-1982 | 20.14 |
| | 03-11-1983 | 21.50 |
| | 10-28-1983 | 19.76 |
| | 03-29-1984 | 20.35 |
| | 10-23-1984 | 19.80 |
| | 02-14-1985 | 21.26 |
| | 10-11-1985 | 20.24 |
| | 02-20-1986 | 21.98 |
| | 09-26-1986 | 21.85 |
| | 02-27-1987 | 21.99 |
| | 10-01-1987 | 22.66 |
| | 02-22-1988 | 23.08 |
| | 09-23-1988 | 21.73 |
| | 02-27-1989 | 20.78 |
| | 02-23-1990 | 23.24 |
| | 02-28-1991 | 28.04 |
| | 10-09-1991 | 28.82 |
| | 02-13-1992 | 28.18 |
| | 02-19-1993 | 23.10 |
| | 02-24-1994 | 21.96 |
| | 02-24-1995 | 21.76 |
| | 02-14-1996 | 19.62 |
| | 02-19-1997 | 21.39 |
| (C-42-16)26bcc-1 | 03-29-1984 | 20.06 |
| | 10-23-1984 | 18.82 |
| | 02-14-1985 | 20.56 |
| | 10-11-1985 | 19.86 |
| | 02-20-1986 | 20.45 |
| | 09-26-1986 | 19.04 |
| | 02-27-1987 | 19.80 |
| | 10-01-1987 | 19.86 |
| | 02-22-1988 | 20.68 |
| | 09-23-1988 | 19.56 |
| | 02-27-1989 | 20.20 |
| | 09-25-1989 | 20.68 |
| | 02-23-1990 | 20.80 |
| | 09-07-1990 | 28.27 |
| | 02-28-1991 | 20.50 |
| | 10-09-1991 | 25.30 |
| | 02-13-1992 | 20.75 |
| | 09-29-1992 | 22.15 |
| | 02-19-1993 | 20.63 |

| Well number | Date | Water level |
|---|---|---|
| (C-42-16)26bcc-1—Continued | | |
| | 02-24-1994 | 20.32 |
| | 02-24-1995 | 20.26 |
| | 02-14-1996 | 20.05 |
| | 02-19-1997 | 20.07 |
| (C-42-17)1aac-1 | 02-14-1985 | 14.30 |
| | 10-08-1985 | 16.73 |
| | 02-21-1986 | 17.27 |
| | 09-26-1986 | 18.66 |
| | 02-27-1987 | 19.22 |
| | 02-22-1988 | 19.89 |
| | 02-27-1989 | 21.60 |
| | 02-23-1990 | 22.85 |
| | 02-28-1991 | 24.46 |
| | 02-13-1992 | 24.35 |
| | 02-19-1993 | 17.99 |
| | 02-23-1994 | 20.08 |
| | 02-24-1995 | 18.80 |
| | 02-13-1996 | 18.89 |
| | 02-19-1997 | 20.90 |
| (C-43-14)20abb-1 | 03-28-1984 | 145.00 |
| | 10-23-1984 | 145.96 |
| | 02-15-1985 | 145.90 |
| | 10-11-1985 | 145.56 |
| | 02-21-1986 | 145.35 |
| | 09-26-1986 | 145.00 |
| | 02-27-1987 | 144.88 |
| | 02-22-1988 | 144.64 |
| | 02-27-1989 | 144.30 |
| | 09-25-1989 | 144.33 |
| | 02-23-1990 | 144.34 |
| | 09-06-1990 | 144.25 |
| | 02-27-1991 | 143.98 |
| | 10-09-1991 | 144.00 |
| | 02-27-1992 | 144.06 |
| | 09-29-1992 | 146.46 |
| | 02-18-1993 | 146.63 |
| | 02-25-1994 | 145.37 |
| | 02-23-1995 | 144.48 |
| | 02-14-1996 | 143.42 |
| (C-43-15)4ddc-1 | 03-28-1984 | 40.14 |
| | 10-23-1984 | 41.32 |
| | 02-15-1985 | 43.31 |
| | 10-11-1985 | 38.65 |
| | 02-20-1986 | 42.50 |
| | 09-26-1986 | 38.30 |
| | 02-27-1987 | 40.61 |
| | 10-01-1987 | 39.68 |
| | 02-22-1988 | 41.32 |
| | 09-23-1988 | 40.70 |
| | 02-27-1989 | 45.69 |
| | 09-25-1989 | 39.34 |
| | 02-23-1990 | 42.46 |
| | 09-06-1990 | 38.69 |
| | 02-27-1991 | 39.78 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-43-15)4ddc-1—Continued | | |
| | 10-09-1991 | 39.29 |
| | 02-11-1992 | 42.45 |
| | 09-29-1992 | 38.79 |
| | 02-18-1993 | 42.89 |
| | 02-25-1994 | 42.85 |
| | 02-23-1995 | 42.87 |
| | 02-14-1996 | 41.64 |
| | 02-20-1997 | 42.34 |
| (C-43-15)12bdd-1 | 10-19-1970 | 86.88 |
| | 03-18-1971 | 86.13 |
| | 10-15-1971 | 77.50 |
| | 03-03-1972 | 76.30 |
| | 10-17-1972 | 76.95 |
| | 04-03-1973 | 67.60 |
| | 09-28-1973 | 64.40 |
| | 03-19-1974 | 59.09 |
| | 10-09-1974 | 54.59 |
| | 04-02-1975 | 50.74 |
| | 10-29-1975 | 49.25 |
| | 03-09-1976 | 47.38 |
| | 10-05-1976 | 47.67 |
| | 03-15-1977 | 45.20 |
| | 10-14-1977 | 43.17 |
| | 03-17-1978 | 41.99 |
| | 10-23-1978 | 40.08 |
| | 03-05-1979 | 41.92 |
| | 10-02-1979 | 38.97 |
| | 03-04-1980 | 41.18 |
| | 03-12-1981 | 77.55 |
| | 03-03-1982 | 69.27 |
| | 09-20-1982 | 83.90 |
| | 10-08-1982 | 60.59 |
| | 03-10-1983 | 68.80 |
| | 10-24-1983 | 81.15 |
| | 10-23-1984 | 84.68 |
| | 02-15-1985 | 85.88 |
| | 02-21-1986 | 65.03 |
| | 09-26-1986 | 63.64 |
| | 02-27-1987 | 59.21 |
| | 02-22-1988 | 55.45 |
| | 02-27-1989 | 53.66 |
| | 02-23-1990 | 52.38 |
| | 02-27-1991 | 48.99 |
| | 02-11-1992 | 47.83 |
| | 02-18-1993 | 47.84 |
| | 02-25-1994 | 50.92 |
| | 02-23-1995 | 52.26 |
| | 02-14-1996 | 51.64 |
| | 02-20-1997 | 53.54 |
| (C-43-15)16dac-1 | 10-05-1985 | 41.84 |
| | 10-10-1985 | 42.03 |
| | 10-15-1985 | 41.98 |
| | 10-20-1985 | 41.99 |
| | 10-25-1985 | 42.10 |
| | 10-31-1985 | 42.12 |
| (C-43-15)16dac-1—Continued | | |
| | 11-05-1985 | 42.14 |
| | 11-10-1985 | 42.00 |
| | 11-15-1985 | 42.15 |
| | 11-20-1985 | 42.22 |
| | 11-25-1985 | 42.16 |
| | 11-30-1985 | 42.05 |
| | 12-05-1985 | 42.11 |
| | 12-10-1985 | 42.10 |
| | 12-15-1985 | 42.21 |
| | 12-20-1985 | 42.23 |
| | 12-25-1985 | 42.24 |
| | 12-31-1985 | 42.25 |
| | 01-05-1986 | 42.28 |
| | 01-10-1986 | 42.32 |
| | 01-15-1986 | 42.27 |
| | 01-20-1986 | 42.22 |
| | 01-25-1986 | 42.32 |
| | 01-31-1986 | 42.18 |
| | 02-05-1986 | 42.10 |
| | 02-10-1986 | 42.15 |
| | 02-15-1986 | 42.07 |
| | 02-20-1986 | 42.15 |
| | 02-25-1986 | 42.16 |
| | 02-28-1986 | 42.12 |
| | 03-05-1986 | 42.14 |
| | 03-10-1986 | 42.03 |
| | 03-15-1986 | 42.05 |
| | 03-20-1986 | 42.21 |
| | 03-25-1986 | 42.04 |
| | 03-31-1986 | 41.97 |
| | 04-05-1986 | 41.92 |
| | 04-10-1986 | 41.91 |
| | 04-15-1986 | 41.89 |
| | 04-20-1986 | 41.93 |
| | 04-25-1986 | 41.80 |
| | 04-30-1986 | 41.93 |
| | 05-05-1986 | 41.82 |
| | 05-10-1986 | 41.85 |
| | 05-15-1986 | 41.90 |
| | 05-20-1986 | 41.88 |
| | 05-25-1986 | 41.99 |
| | 05-31-1986 | 42.00 |
| | 06-05-1986 | 42.11 |
| | 06-10-1986 | 42.24 |
| | 06-15-1986 | 42.24 |
| | 06-20-1986 | 42.34 |
| | 06-25-1986 | 42.36 |
| | 06-30-1986 | 42.46 |
| | 07-05-1986 | 42.54 |
| | 07-10-1986 | 42.56 |
| | 07-15-1986 | 42.58 |
| | 07-20-1986 | 42.64 |
| | 07-25-1986 | 42.59 |
| | 07-31-1986 | 42.52 |
| | 08-05-1986 | 42.56 |
| | 08-10-1986 | 42.60 |
| | 08-15-1986 | 42.61 |
| (C-43-15)16dac-1—Continued | | |
| | 08-20-1986 | 42.71 |
| | 08-25-1986 | 42.66 |
| | 08-31-1986 | 42.65 |
| | 09-05-1986 | 42.67 |
| | 09-10-1986 | 42.68 |
| | 09-15-1986 | 42.73 |
| | 09-20-1986 | 42.69 |
| | 09-25-1986 | 42.72 |
| | 09-30-1986 | 42.74 |
| | 10-05-1986 | 42.96 |
| | 10-10-1986 | 42.94 |
| | 10-15-1986 | 43.01 |
| | 10-20-1986 | 43.01 |
| | 10-25-1986 | 43.00 |
| | 10-31-1986 | 42.99 |
| | 11-05-1986 | 42.95 |
| | 11-10-1986 | 43.06 |
| | 11-15-1986 | 43.00 |
| | 11-20-1986 | 42.98 |
| | 11-25-1986 | 42.92 |
| | 11-30-1986 | 42.98 |
| | 12-05-1986 | 42.85 |
| | 12-10-1986 | 42.93 |
| | 12-15-1986 | 42.89 |
| | 12-20-1986 | 42.82 |
| | 12-25-1986 | 42.82 |
| | 12-31-1986 | 42.70 |
| | 01-05-1987 | 42.52 |
| | 01-10-1987 | 42.74 |
| | 01-15-1987 | 42.42 |
| | 01-20-1987 | 42.59 |
| | 01-25-1987 | 42.56 |
| | 01-31-1987 | 42.35 |
| | 02-05-1987 | 42.48 |
| | 02-10-1987 | 42.31 |
| | 02-15-1987 | 42.18 |
| | 02-20-1987 | 42.24 |
| | 02-25-1987 | 42.11 |
| | 02-28-1987 | 42.13 |
| | 03-05-1987 | 42.08 |
| | 03-10-1987 | 42.09 |
| | 03-15-1987 | 41.93 |
| | 03-20-1987 | 42.10 |
| | 03-25-1987 | 42.08 |
| | 03-31-1987 | 41.99 |
| | 04-05-1987 | 42.00 |
| | 04-10-1987 | 41.87 |
| | 04-15-1987 | 41.90 |
| | 04-18-1987 | 41.75 |
| | 04-20-1987 | 41.99 |
| | 04-25-1987 | 41.93 |
| | 04-30-1987 | 41.88 |
| | 05-05-1987 | 41.98 |
| | 05-10-1987 | 41.94 |
| | 05-15-1987 | 42.04 |
| | 05-20-1987 | 42.08 |
| | 05-25-1987 | 42.04 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-43-15)16dac-1—Continued | | |
| | 05-31-1987 | 42.20 |
| | 06-05-1987 | 42.27 |
| | 06-10-1987 | 42.24 |
| | 06-15-1987 | 42.29 |
| | 06-20-1987 | 42.32 |
| | 06-25-1987 | 42.41 |
| | 06-30-1987 | 42.45 |
| | 07-05-1987 | 42.48 |
| | 07-10-1987 | 42.53 |
| | 07-15-1987 | 42.60 |
| | 07-20-1987 | 42.70 |
| | 07-25-1987 | 42.66 |
| | 07-31-1987 | 42.74 |
| | 08-05-1987 | 42.75 |
| | 08-10-1987 | 42.77 |
| | 08-15-1987 | 42.86 |
| | 08-20-1987 | 42.90 |
| | 08-25-1987 | 42.93 |
| | 08-31-1987 | 42.97 |
| | 09-05-1987 | 43.00 |
| | 09-10-1987 | 42.99 |
| | 09-15-1987 | 43.02 |
| | 09-20-1987 | 43.04 |
| | 09-25-1987 | 43.06 |
| | 09-30-1987 | 43.27 |
| | 10-05-1987 | 43.13 |
| | 10-10-1987 | 43.22 |
| | 10-15-1987 | 43.24 |
| | 10-20-1987 | 43.26 |
| | 10-25-1987 | 43.34 |
| | 10-31-1987 | 43.17 |
| | 11-05-1987 | 43.06 |
| | 11-10-1987 | 43.07 |
| | 11-15-1987 | 43.03 |
| | 11-20-1987 | 42.90 |
| | 11-25-1987 | 42.89 |
| | 11-30-1987 | 42.98 |
| | 12-05-1987 | 42.87 |
| | 12-10-1987 | 42.92 |
| | 12-15-1987 | 42.92 |
| | 12-20-1987 | 42.97 |
| | 12-25-1987 | 42.86 |
| | 12-31-1987 | 42.90 |
| | 01-05-1988 | 42.74 |
| | 01-10-1988 | 42.75 |
| | 01-15-1988 | 42.61 |
| | 01-20-1988 | 42.82 |
| | 01-25-1988 | 42.76 |
| | 01-31-1988 | 42.59 |
| | 02-05-1988 | 42.72 |
| | 02-10-1988 | 42.64 |
| | 02-15-1988 | 42.53 |
| | 02-20-1988 | 42.61 |
| | 02-25-1988 | 42.51 |
| | 02-29-1988 | 42.45 |
| | 03-05-1988 | 42.49 |
| | 03-10-1988 | 42.41 |
| (C-43-15)16dac-1—Continued | | |
| | 03-15-1988 | 42.27 |
| | 03-20-1988 | 42.36 |
| | 03-25-1988 | 42.35 |
| | 03-31-1988 | 42.28 |
| | 04-05-1988 | 42.31 |
| | 04-10-1988 | 42.26 |
| | 04-15-1988 | 42.25 |
| | 04-20-1988 | 42.15 |
| | 04-25-1988 | 42.19 |
| | 04-30-1988 | 41.96 |
| | 05-05-1988 | 42.00 |
| | 05-10-1988 | 42.12 |
| | 05-15-1988 | 42.04 |
| | 05-20-1988 | 42.07 |
| | 05-25-1988 | 42.02 |
| | 05-31-1988 | 42.07 |
| | 06-05-1988 | 41.94 |
| | 06-10-1988 | 42.02 |
| | 06-15-1988 | 42.08 |
| | 06-20-1988 | 42.12 |
| | 06-25-1988 | 42.11 |
| | 06-30-1988 | 42.04 |
| | 07-05-1988 | 42.12 |
| | 07-10-1988 | 42.11 |
| | 07-15-1988 | 42.22 |
| | 07-20-1988 | 42.32 |
| | 07-25-1988 | 42.38 |
| | 07-31-1988 | 42.39 |
| | 08-05-1988 | 42.31 |
| | 08-10-1988 | 42.15 |
| | 08-15-1988 | 42.14 |
| | 08-20-1988 | 42.19 |
| | 08-25-1988 | 42.26 |
| | 08-31-1988 | 42.25 |
| | 09-05-1988 | 42.23 |
| | 09-10-1988 | 42.20 |
| | 09-15-1988 | 42.29 |
| | 09-20-1988 | 42.24 |
| | 09-25-1988 | 42.40 |
| | 09-30-1988 | 42.37 |
| | 10-05-1988 | 42.45 |
| | 10-10-1988 | 42.47 |
| | 10-15-1988 | 42.48 |
| | 10-20-1988 | 42.45 |
| | 10-25-1988 | 42.47 |
| | 10-31-1988 | 42.50 |
| | 11-05-1988 | 42.49 |
| | 11-10-1988 | 42.44 |
| | 11-15-1988 | 42.54 |
| | 11-20-1988 | 42.53 |
| | 11-25-1988 | 42.43 |
| | 11-30-1988 | 42.60 |
| | 12-05-1988 | 42.56 |
| | 12-10-1988 | 42.51 |
| | 12-15-1988 | 42.48 |
| | 12-20-1988 | 42.51 |
| | 12-25-1988 | 42.34 |
| (C-43-15)16dac-1—Continued | | |
| | 12-31-1988 | 42.46 |
| | 01-05-1989 | 42.40 |
| | 01-10-1989 | 42.40 |
| | 01-15-1989 | 42.57 |
| | 01-20-1989 | 42.49 |
| | 01-25-1989 | 42.50 |
| | 01-31-1989 | 42.38 |
| | 02-05-1989 | 42.46 |
| | 02-10-1989 | 42.49 |
| | 02-15-1989 | 42.51 |
| | 02-20-1989 | 42.42 |
| | 02-25-1989 | 42.42 |
| | 02-28-1989 | 42.31 |
| | 03-02-1989 | 42.18 |
| | 03-05-1989 | 42.45 |
| | 03-10-1989 | 42.40 |
| | 03-15-1989 | 42.33 |
| | 03-20-1989 | 42.41 |
| | 03-25-1989 | 42.26 |
| | 03-31-1989 | 42.29 |
| | 04-05-1989 | 42.41 |
| | 04-10-1989 | 42.31 |
| | 04-15-1989 | 42.33 |
| | 04-20-1989 | 42.40 |
| | 04-25-1989 | 42.44 |
| | 04-30-1989 | 42.50 |
| | 05-05-1989 | 42.52 |
| | 05-10-1989 | 42.49 |
| | 05-15-1989 | 42.54 |
| | 05-20-1989 | 42.58 |
| | 05-25-1989 | 42.60 |
| | 05-31-1989 | 42.68 |
| | 06-05-1989 | 42.70 |
| | 06-10-1989 | 42.78 |
| | 06-15-1989 | 42.82 |
| | 06-20-1989 | 42.88 |
| | 06-25-1989 | 43.03 |
| | 06-30-1989 | 43.04 |
| | 07-05-1989 | 43.10 |
| | 07-10-1989 | 43.15 |
| | 07-15-1989 | 43.21 |
| | 07-20-1989 | 43.24 |
| | 07-25-1989 | 43.31 |
| | 07-31-1989 | 43.41 |
| | 08-05-1989 | 43.49 |
| | 08-10-1989 | 43.56 |
| | 08-15-1989 | 43.46 |
| | 08-20-1989 | 43.24 |
| | 08-25-1989 | 43.03 |
| | 08-31-1989 | 43.06 |
| | 09-05-1989 | 43.04 |
| | 09-10-1989 | 43.08 |
| | 09-15-1989 | 43.11 |
| | 09-20-1989 | 43.20 |
| | 09-25-1989 | 43.18 |
| | 09-30-1989 | 43.15 |
| | 10-05-1989 | 43.23 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-43-15)16dac-1—Continued | | |
| | 10-10-1989 | 43.24 |
| | 10-15-1989 | 43.22 |
| | 10-20-1989 | 43.28 |
| | 10-25-1989 | 43.23 |
| | 10-31-1989 | 43.32 |
| | 11-05-1989 | 43.31 |
| | 11-10-1989 | 43.30 |
| | 11-15-1989 | 43.36 |
| | 11-20-1989 | 43.25 |
| | 11-25-1989 | 43.19 |
| | 11-30-1989 | 43.28 |
| | 12-05-1989 | 43.16 |
| | 12-10-1989 | 43.20 |
| | 12-15-1989 | 43.14 |
| | 12-20-1989 | 43.20 |
| | 12-25-1989 | 43.13 |
| | 12-31-1989 | 43.05 |
| | 01-05-1990 | 43.00 |
| | 01-10-1990 | 42.95 |
| | 01-15-1990 | 42.94 |
| | 01-20-1990 | 43.03 |
| | 01-25-1990 | 42.99 |
| | 01-31-1990 | 42.85 |
| | 02-05-1990 | 42.97 |
| | 02-10-1990 | 43.00 |
| | 02-15-1990 | 42.99 |
| | 02-20-1990 | 43.00 |
| | 02-25-1990 | 42.94 |
| | 02-28-1990 | 42.95 |
| | 03-05-1990 | 42.73 |
| | 03-10-1990 | 42.70 |
| | 03-15-1990 | 42.87 |
| | 03-20-1990 | 42.82 |
| | 03-25-1990 | 42.73 |
| | 03-31-1990 | 42.67 |
| | 04-05-1990 | 42.62 |
| | 04-10-1990 | 42.67 |
| | 04-15-1990 | 42.49 |
| | 04-20-1990 | 42.58 |
| | 04-25-1990 | 42.61 |
| | 04-28-1990 | 42.42 |
| | 04-30-1990 | 42.57 |
| | 05-05-1990 | 42.58 |
| | 05-10-1990 | 42.44 |
| | 05-15-1990 | 42.52 |
| | 05-20-1990 | 42.59 |
| | 05-25-1990 | 42.61 |
| | 05-31-1990 | 42.65 |
| | 06-05-1990 | 42.68 |
| | 06-10-1990 | 42.79 |
| | 06-15-1990 | 42.82 |
| | 06-20-1990 | 42.81 |
| | 06-25-1990 | 42.92 |
| | 06-30-1990 | 42.98 |
| | 07-05-1990 | 43.01 |
| | 07-10-1990 | 43.12 |
| | 07-15-1990 | 43.17 |
| (C-43-15)16dac-1—Continued | | |
| | 07-20-1990 | 43.14 |
| | 07-25-1990 | 43.07 |
| | 07-31-1990 | 43.20 |
| | 08-05-1990 | 43.31 |
| | 08-10-1990 | 43.37 |
| | 08-15-1990 | 43.47 |
| | 08-20-1990 | 43.40 |
| | 08-25-1990 | 43.40 |
| | 08-31-1990 | 43.44 |
| | 09-05-1990 | 43.60 |
| | 09-10-1990 | 43.44 |
| | 09-15-1990 | 43.43 |
| | 09-20-1990 | 43.60 |
| | 09-25-1990 | 43.40 |
| | 09-30-1990 | 43.02 |
| | 10-05-1990 | 43.00 |
| | 10-10-1990 | 43.00 |
| | 10-15-1990 | 43.02 |
| | 10-20-1990 | 43.11 |
| | 10-25-1990 | 43.01 |
| | 10-31-1990 | 42.82 |
| | 11-05-1990 | 42.69 |
| | 11-10-1990 | 42.80 |
| | 11-15-1990 | 42.74 |
| | 11-20-1990 | 42.50 |
| | 11-25-1990 | 42.38 |
| | 11-30-1990 | 42.56 |
| | 12-05-1990 | 42.55 |
| | 12-10-1990 | 42.49 |
| | 12-15-1990 | 42.38 |
| | 12-20-1990 | 42.30 |
| | 12-25-1990 | 42.45 |
| | 12-31-1990 | 42.48 |
| | 01-05-1991 | 42.38 |
| | 01-10-1991 | 42.37 |
| | 01-15-1991 | 42.19 |
| | 01-20-1991 | 42.24 |
| | 01-25-1991 | 42.21 |
| | 01-31-1991 | 42.21 |
| | 02-05-1991 | 42.13 |
| | 02-10-1991 | 42.08 |
| | 02-15-1991 | 42.01 |
| | 02-20-1991 | 42.08 |
| | 02-25-1991 | 42.03 |
| | 02-27-1991 | 41.95 |
| | 02-28-1991 | 41.85 |
| | 03-05-1991 | 41.93 |
| | 03-10-1991 | 41.91 |
| | 03-15-1991 | 41.90 |
| | 03-20-1991 | 41.85 |
| | 03-25-1991 | 41.82 |
| | 03-31-1991 | 41.85 |
| | 04-05-1991 | 41.82 |
| | 04-10-1991 | 41.76 |
| | 04-15-1991 | 41.74 |
| | 04-20-1991 | 41.76 |
| | 04-25-1991 | 41.76 |
| (C-43-15)16dac-1—Continued | | |
| | 04-30-1991 | 41.78 |
| | 05-01-1991 | 41.66 |
| | 05-05-1991 | 41.85 |
| | 05-10-1991 | 41.79 |
| | 05-15-1991 | 41.83 |
| | 05-20-1991 | 41.75 |
| | 05-25-1991 | 41.77 |
| | 05-31-1991 | 41.80 |
| | 06-05-1991 | 41.87 |
| | 06-10-1991 | 41.89 |
| | 06-15-1991 | 41.98 |
| | 06-20-1991 | 42.01 |
| | 06-25-1991 | 42.07 |
| | 06-30-1991 | 42.12 |
| | 07-05-1991 | 42.17 |
| | 07-10-1991 | 42.09 |
| | 07-15-1991 | 41.96 |
| | 07-20-1991 | 42.10 |
| | 07-25-1991 | 42.11 |
| | 07-31-1991 | 42.25 |
| | 08-05-1991 | 42.12 |
| | 08-10-1991 | 42.26 |
| | 08-15-1991 | 42.22 |
| | 08-20-1991 | 42.37 |
| | 08-25-1991 | 42.34 |
| | 08-31-1991 | 42.41 |
| | 09-05-1991 | 42.37 |
| | 09-10-1991 | 42.20 |
| | 09-15-1991 | 42.14 |
| | 09-20-1991 | 42.07 |
| | 09-23-1991 | 42.19 |
| | 09-25-1991 | 42.13 |
| | 09-30-1991 | 42.05 |
| | 10-05-1991 | 42.04 |
| | 10-10-1991 | 42.07 |
| | 10-15-1991 | 41.89 |
| | 10-20-1991 | 41.80 |
| | 10-25-1991 | 41.77 |
| | 10-31-1991 | 41.79 |
| | 11-05-1991 | 41.66 |
| | 11-10-1991 | 41.61 |
| | 11-15-1991 | 41.52 |
| | 11-20-1991 | 41.55 |
| | 11-25-1991 | 41.44 |
| | 11-30-1991 | 41.37 |
| | 12-05-1991 | 41.39 |
| | 12-10-1991 | 41.27 |
| | 12-15-1991 | 41.32 |
| | 12-20-1991 | 41.33 |
| | 12-25-1991 | 41.18 |
| | 12-31-1991 | 41.19 |
| | 01-05-1992 | 40.86 |
| | 01-10-1992 | 40.90 |
| | 01-15-1992 | 40.97 |
| | 01-20-1992 | 40.79 |
| | 01-25-1992 | 40.74 |
| | 01-31-1992 | 40.66 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-43-15)16dac-1—Continued | | |
| | 02-05-1992 | 40.61 |
| | 02-10-1992 | 40.60 |
| | 02-11-1992 | 40.73 |
| | 02-15-1992 | 40.50 |
| | 02-20-1992 | 40.52 |
| | 02-25-1992 | 40.56 |
| | 02-29-1992 | 40.46 |
| | 03-05-1992 | 40.60 |
| | 03-10-1992 | 40.64 |
| | 03-15-1992 | 40.63 |
| | 03-20-1992 | 40.60 |
| | 03-25-1992 | 40.68 |
| | 03-31-1992 | 40.72 |
| | 04-05-1992 | 40.56 |
| | 04-10-1992 | 40.51 |
| | 04-15-1992 | 40.43 |
| | 04-20-1992 | 40.41 |
| | 04-25-1992 | 40.42 |
| | 04-30-1992 | 40.33 |
| | 05-05-1992 | 40.39 |
| | 05-08-1992 | 40.32 |
| | 05-10-1992 | 40.40 |
| | 05-15-1992 | 40.36 |
| | 05-20-1992 | 40.38 |
| | 05-25-1992 | 40.42 |
| | 05-31-1992 | 40.44 |
| | 06-05-1992 | 40.37 |
| | 06-10-1992 | 40.50 |
| | 06-15-1992 | 40.47 |
| | 06-20-1992 | 40.60 |
| | 06-25-1992 | 40.68 |
| | 06-30-1992 | 40.67 |
| | 07-05-1992 | 40.77 |
| | 07-10-1992 | 40.83 |
| | 07-15-1992 | 40.92 |
| | 07-20-1992 | 40.92 |
| | 07-25-1992 | 41.05 |
| | 07-31-1992 | 41.07 |
| | 08-05-1992 | 41.08 |
| | 08-10-1992 | 41.11 |
| | 08-15-1992 | 41.14 |
| | 08-20-1992 | 41.18 |
| | 08-25-1992 | 41.33 |
| | 08-31-1992 | 41.38 |
| | 09-05-1992 | 41.52 |
| | 09-10-1992 | 41.59 |
| | 09-15-1992 | 41.67 |
| | 09-20-1992 | 41.75 |
| | 09-25-1992 | 41.79 |
| | 09-29-1992 | 41.88 |
| | 09-30-1992 | 41.89 |
| | 10-05-1992 | 41.96 |
| | 10-10-1992 | 42.06 |
| | 10-15-1992 | 42.11 |
| | 10-20-1992 | 42.11 |
| | 10-25-1992 | 42.21 |
| | 10-31-1992 | 42.23 |
| (C-43-15)16dac-1—Continued | | |
| | 11-05-1992 | 42.25 |
| | 11-10-1992 | 42.27 |
| | 11-15-1992 | 42.29 |
| | 11-20-1992 | 42.23 |
| | 11-25-1992 | 42.40 |
| | 11-30-1992 | 42.38 |
| | 12-05-1992 | 42.25 |
| | 12-10-1992 | 42.29 |
| | 12-15-1992 | 42.26 |
| | 12-20-1992 | 42.37 |
| | 12-25-1992 | 42.36 |
| | 12-31-1992 | 42.32 |
| | 01-05-1993 | 42.27 |
| | 01-10-1993 | 42.14 |
| | 01-15-1993 | 42.25 |
| | 01-20-1993 | 42.20 |
| | 01-25-1993 | 42.10 |
| | 01-31-1993 | 41.98 |
| | 02-05-1993 | 41.97 |
| | 02-10-1993 | 41.90 |
| | 02-15-1993 | 41.75 |
| | 02-18-1993 | 41.75 |
| | 02-20-1993 | 41.65 |
| | 02-25-1993 | 41.73 |
| | 02-28-1993 | 41.65 |
| | 03-05-1993 | 41.65 |
| | 03-10-1993 | 41.48 |
| | 03-15-1993 | 41.45 |
| | 03-20-1993 | 41.36 |
| | 03-25-1993 | 41.26 |
| | 03-31-1993 | 41.15 |
| | 04-05-1993 | 40.89 |
| | 04-10-1993 | 40.83 |
| | 04-15-1993 | 40.81 |
| | 04-20-1993 | 40.84 |
| | 04-25-1993 | 40.82 |
| | 04-30-1993 | 40.75 |
| | 05-05-1993 | 40.83 |
| | 05-10-1993 | 40.83 |
| | 05-15-1993 | 40.82 |
| | 05-20-1993 | 40.75 |
| | 05-25-1993 | 40.84 |
| | 05-31-1993 | 40.90 |
| | 06-05-1993 | 40.88 |
| | 06-10-1993 | 40.90 |
| | 06-15-1993 | 40.92 |
| | 06-20-1993 | 41.01 |
| | 06-25-1993 | 41.10 |
| | 06-30-1993 | 41.12 |
| | 07-05-1993 | 41.20 |
| | 07-10-1993 | 41.27 |
| | 07-15-1993 | 41.30 |
| | 07-20-1993 | 41.37 |
| | 07-25-1993 | 41.47 |
| | 07-31-1993 | 41.57 |
| | 08-05-1993 | 41.60 |
| | 08-10-1993 | 41.65 |
| (C-43-15)16dac-1—Continued | | |
| | 08-15-1993 | 41.51 |
| | 08-20-1993 | 41.47 |
| | 08-25-1993 | 41.56 |
| | 08-31-1993 | 41.26 |
| | 09-05-1993 | 41.11 |
| | 09-10-1993 | 41.14 |
| | 09-15-1993 | 41.21 |
| | 09-20-1993 | 41.25 |
| | 09-25-1993 | 41.34 |
| | 09-30-1993 | 41.39 |
| | 10-05-1993 | 41.44 |
| | 10-10-1993 | 41.45 |
| | 10-15-1993 | 41.44 |
| | 10-20-1993 | 41.55 |
| | 10-25-1993 | 41.49 |
| | 10-31-1993 | 41.48 |
| | 11-05-1993 | 41.56 |
| | 11-10-1993 | 41.48 |
| | 11-15-1993 | 41.54 |
| | 11-20-1993 | 41.53 |
| | 11-25-1993 | 41.58 |
| | 11-30-1993 | 41.48 |
| | 12-05-1993 | 41.46 |
| | 12-10-1993 | 41.48 |
| | 12-15-1993 | 41.33 |
| | 12-20-1993 | 41.51 |
| | 12-25-1993 | 41.48 |
| | 12-31-1993 | 41.48 |
| | 01-05-1994 | 41.37 |
| | 01-10-1994 | 41.49 |
| | 01-15-1994 | 41.45 |
| | 01-20-1994 | 41.49 |
| | 01-25-1994 | 41.36 |
| | 01-31-1994 | 41.53 |
| | 02-05-1994 | 41.47 |
| | 02-10-1994 | 41.37 |
| | 02-15-1994 | 41.49 |
| | 02-20-1994 | 41.46 |
| | 02-25-1994 | 41.39 |
| | 02-28-1994 | 41.47 |
| | 03-05-1994 | 41.38 |
| | 03-10-1994 | 41.39 |
| | 03-15-1994 | 41.40 |
| | 03-20-1994 | 41.43 |
| | 03-25-1994 | 41.43 |
| | 03-31-1994 | 41.46 |
| | 04-05-1994 | 41.47 |
| | 04-10-1994 | 41.46 |
| | 04-15-1994 | 41.57 |
| | 04-20-1994 | 41.52 |
| | 04-25-1994 | 41.50 |
| | 04-30-1994 | 41.57 |
| | 05-05-1994 | 41.49 |
| | 05-10-1994 | 41.56 |
| | 05-15-1994 | 41.49 |
| | 05-20-1994 | 41.57 |
| | 05-25-1994 | 41.54 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-43-15)16dac-1—Continued | | |
| | 05-31-1994 | 41.56 |
| | 06-05-1994 | 41.59 |
| | 06-10-1994 | 41.67 |
| | 06-15-1994 | 41.65 |
| | 06-20-1994 | 41.76 |
| | 06-25-1994 | 41.70 |
| | 06-30-1994 | 41.72 |
| | 07-05-1994 | 41.76 |
| | 07-10-1994 | 41.83 |
| | 07-15-1994 | 41.90 |
| | 07-20-1994 | 41.92 |
| | 07-25-1994 | 41.99 |
| | 07-31-1994 | 42.07 |
| | 08-05-1994 | 42.13 |
| | 08-10-1994 | 42.19 |
| | 08-15-1994 | 42.21 |
| | 08-20-1994 | 41.93 |
| | 08-25-1994 | 41.25 |
| | 08-31-1994 | 40.85 |
| | 09-05-1994 | 40.86 |
| | 09-10-1994 | 40.82 |
| | 09-15-1994 | 40.98 |
| | 09-20-1994 | 41.09 |
| | 09-25-1994 | 41.07 |
| | 09-30-1994 | 41.02 |
| | 10-05-1994 | 41.09 |
| | 10-10-1994 | 41.16 |
| | 10-15-1994 | 41.10 |
| | 10-20-1994 | 41.33 |
| | 10-25-1994 | 41.33 |
| | 10-31-1994 | 41.44 |
| | 11-05-1994 | 41.42 |
| | 11-10-1994 | 41.21 |
| | 11-15-1994 | 41.26 |
| | 11-20-1994 | 41.30 |
| | 11-25-1994 | 41.17 |
| | 11-30-1994 | 41.29 |
| | 12-05-1994 | 41.22 |
| | 12-10-1994 | 41.21 |
| | 12-15-1994 | 41.20 |
| | 12-20-1994 | 40.89 |
| | 12-25-1994 | 40.56 |
| | 12-31-1994 | 40.41 |
| | 01-05-1995 | 40.20 |
| | 01-10-1995 | 40.46 |
| | 01-15-1995 | 40.47 |
| | 01-20-1995 | 40.65 |
| | 01-25-1995 | 40.64 |
| | 01-31-1995 | 40.79 |
| | 02-05-1995 | 40.84 |
| | 02-10-1995 | 40.77 |
| | 02-15-1995 | 40.89 |
| | 02-20-1995 | 40.91 |
| | 02-23-1995 | 41.00 |
| | 02-25-1995 | 40.92 |
| | 02-28-1995 | 40.94 |
| | 03-05-1995 | 40.88 |
| (C-43-15)16dac-1—Continued | | |
| | 03-10-1995 | 40.68 |
| | 03-15-1995 | 40.37 |
| | 03-20-1995 | 40.08 |
| | 03-25-1995 | 39.98 |
| | 03-31-1995 | 39.81 |
| | 04-05-1995 | 39.68 |
| | 04-10-1995 | 39.75 |
| | 04-15-1995 | 39.64 |
| | 04-20-1995 | 39.58 |
| | 04-25-1995 | 39.50 |
| | 04-30-1995 | 39.55 |
| | 05-05-1995 | 39.51 |
| | 05-10-1995 | 39.56 |
| | 05-11-1995 | 39.41 |
| | 05-15-1995 | 39.49 |
| | 05-20-1995 | 39.47 |
| | 05-25-1995 | 39.45 |
| | 05-31-1995 | 39.24 |
| | 06-05-1995 | 39.17 |
| | 06-10-1995 | 39.38 |
| | 06-15-1995 | 39.33 |
| | 06-20-1995 | 39.41 |
| | 06-25-1995 | 39.49 |
| | 06-30-1995 | 39.63 |
| | 07-05-1995 | 39.76 |
| | 07-10-1995 | 39.77 |
| | 07-15-1995 | 39.85 |
| | 07-20-1995 | 39.92 |
| | 07-25-1995 | 39.97 |
| | 07-31-1995 | 40.09 |
| | 08-05-1995 | 40.08 |
| | 08-10-1995 | 40.13 |
| | 08-15-1995 | 40.19 |
| | 08-20-1995 | 40.23 |
| | 08-25-1995 | 40.02 |
| | 08-31-1995 | 39.96 |
| | 09-05-1995 | 40.05 |
| | 09-10-1995 | 39.74 |
| | 09-15-1995 | 39.55 |
| | 09-20-1995 | 39.60 |
| | 09-25-1995 | 39.45 |
| | 09-30-1995 | 39.49 |
| | 10-05-1995 | 39.49 |
| | 10-10-1995 | 39.36 |
| | 10-15-1995 | 39.35 |
| | 10-20-1995 | 39.35 |
| | 10-25-1995 | 39.39 |
| | 10-31-1995 | 39.30 |
| | 11-05-1995 | 39.23 |
| | 11-10-1995 | 39.09 |
| | 11-15-1995 | 39.13 |
| | 11-20-1995 | 39.11 |
| | 11-25-1995 | 39.00 |
| | 11-30-1995 | 38.99 |
| | 12-05-1995 | 38.98 |
| | 12-10-1995 | 39.03 |
| | 12-15-1995 | 38.95 |
| (C-43-15)16dac-1—Continued | | |
| | 12-20-1995 | 38.90 |
| | 12-25-1995 | 38.93 |
| | 12-31-1995 | 38.80 |
| | 02-20-1997 | 39.30 |
| (C-43-15)24dcc-1 | 03-28-1984 | 141.78 |
| | 10-23-1984 | 148.79 |
| | 02-15-1985 | 143.70 |
| | 10-11-1985 | 146.40 |
| | 02-21-1986 | 141.62 |
| | 09-26-1986 | 146.30 |
| | 02-27-1987 | 139.91 |
| | 02-22-1988 | 139.69 |
| | 02-27-1989 | 141.75 |
| | 02-23-1990 | 141.74 |
| | 02-27-1991 | 141.44 |
| | 02-11-1992 | 141.75 |
| | 02-18-1993 | 142.80 |
| | 02-25-1994 | 145.26 |
| | 02-23-1995 | 146.31 |
| | 02-14-1996 | 147.69 |
| | 02-20-1997 | 148.96 |
| (C-43-15)25ddd-1 | 03-21-1961 | 46.00 |
| | 12-20-1961 | 46.10 |
| | 03-15-1962 | 46.14 |
| | 12-20-1962 | 47.97 |
| | 03-15-1963 | 48.98 |
| | 12-03-1964 | 50.10 |
| | 03-27-1965 | 52.69 |
| | 03-25-1966 | 54.84 |
| | 10-28-1966 | 55.85 |
| | 03-10-1967 | 55.35 |
| | 10-24-1967 | 59.48 |
| | 03-03-1969 | 58.10 |
| | 03-27-1970 | 60.68 |
| | 10-19-1970 | 62.78 |
| | 03-03-1972 | 64.20 |
| | 04-03-1973 | 70.93 |
| | 10-09-1974 | 66.22 |
| | 04-02-1975 | 68.10 |
| | 10-29-1975 | 69.46 |
| | 10-05-1976 | 72.42 |
| | 03-15-1977 | 70.59 |
| | 10-14-1977 | 72.41 |
| | 03-17-1978 | 71.48 |
| | 10-23-1978 | 75.87 |
| | 03-05-1979 | 73.50 |
| | 10-02-1979 | 79.14 |
| | 03-04-1980 | 75.97 |
| | 10-08-1980 | 82.07 |
| | 03-12-1981 | 80.02 |
| | 10-02-1981 | 83.16 |
| | 03-03-1982 | 84.00 |
| | 09-20-1982 | 87.65 |
| | 03-10-1983 | 83.12 |
| | 02-15-1985 | 87.72 |

**Table 2.** Water levels in selected wells in Washington and Iron Counties, Utah—Continued

| Well number | Date | Water level |
|---|---|---|
| (C-43-15)25ddd-1—Continued | | |
| | 02-21-1986 | 90.79 |
| | 02-27-1987 | 93.67 |
| | 02-22-1988 | 95.65 |
| | 02-27-1989 | 98.90 |
| | 02-11-1992 | 110.48 |
| | 02-18-1993 | 112.95 |
| | 02-25-1994 | 116.25 |
| | 02-23-1995 | 120.13 |
| | 02-14-1996 | 123.11 |
| | 02-20-1997 | 127.70 |
| (C-43-16)1aca-1 | 03-29-1984 | 7.79 |
| | 10-23-1984 | 7.86 |
| | 02-14-1985 | 7.75 |
| | 10-11-1985 | 7.49 |
| (C-43-16)1aca-1—Continued | | |
| | 02-20-1986 | 7.78 |
| | 09-26-1986 | 7.11 |
| | 02-27-1987 | 7.62 |
| | 10-01-1987 | 7.22 |
| | 02-22-1988 | 7.40 |
| | 09-23-1988 | 7.70 |
| | 02-27-1989 | 7.78 |
| | 09-25-1989 | 8.42 |
| | 02-23-1990 | 7.90 |
| | 02-27-1991 | 8.22 |
| | 10-09-1991 | 10.01 |
| | 02-13-1992 | 7.43 |
| | 09-29-1992 | 8.10 |
| | 02-18-1993 | 5.95 |
| (C-43-16)1aca-1—Continued | | |
| | 02-24-1994 | 8.84 |
| | 02-23-1995 | 7.77 |
| | 02-24-1996 | 9.37 |
| | 02-20-1997 | 10.27 |

[1] Reported by Washington County Water Conservancy District.

[2] Listed as (C-42-14)11abd-1 by Cordova (1972).

[3] Listed as (C-42-16)16bcc-2 by Cordova (1972).

[4] Listed as (C-42-16)22cba-1 by Cordova (1972).

**Table 3.** Records of selected springs, including discharge measurements and physical properties, in Washington County, Utah

[—, no data available]

Location: See figure 1 for an explanation of the numbering system used for hydrologic-data sites in Utah.
Name/Owner: Names separated by "/" indicate spring name and owner.
Formation: Tvip, Pine Valley igneous suite; Ks, undifferentiated Cretaceous Sandstone; QTb, basalt; Qtaf, alluvium; Qs, silt, sand, gravel;
Discharge: gal/min, gallons per minute.
Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius. Measured in the field.
pH: Measured in the field.
Water temperature: °C, degrees Celsius.
Other data available: C, chemical analyses in table 4; I, chemical analyses for isotopes, chlorofluorocarbons, and dissolved gas in table 5.

| Location | Spring name / Owner | Spring altitude (feet) | Formation | Discharge (gal/min) | Measurement date |
|---|---|---|---|---|---|
| (C-38-13)35dcd-S1 | Sawyer Spring | 4,990 | Tvip | — | — |
| (C-39-16)28dbb-S1 | Veyo Culinary Spring | 4,700 | Ks | 20 | 10- -1968 |
| (C-40-13)35acd-S1 | Toquerville Spring | 3,440 | QTb | 9,780 | 04-12-1996 |
| (C-40-14)16dbc-S1 | Leeds Town Spring | 5,680 | Qtaf | — | — |
| [1](C-40-15)4dda-S1 | Carter Canyon Spring / St. George City | 7,300 | Tvip | — | — |
| (C-40-15)10bbb-S1 | Slide Canyon Spring / St. George City | 7,500 | Tvip | — | — |
| (C-40-15)10cbd-S1 | Big Pine Spring / St. George City | 7,800 | Tvip | — | — |
| (C-40-15)14bab-S1 | Cottonwood Spring / St. George City | 7,800 | Tvip | — | — |
| [2](C-40-15)15cbd-S1 | West Fork Spring / St. George City | 6,900 | Tvip | — | — |
| (C-40-16)6dbc-S1 | Veyo Warm Spring | 4,440 | QTb,Ks | 110 | 10- -1968 |
| (C-40-16)36cda-S1 | Diamond Valley Culinary Spring | 4,780 | Ks | — | — |
| (C-40-17)22bcd-S1 | Gunlock Town Spring | 4,100 | Qs,Jn | 12 | — |
| (C-41-13)5dbc-S1 | Alan Howard's Spring | 3,590 | Jn | 62 | 03-01-1997 |
| (C-41-13)11cad-S1 | Lower Ash Creek Spring | 3,200 | QTb | 2,940 | 04-12-1996 |
| [3](C-41-13)25cdb-S1 | Pah Tempe Hot Spring | 3,400 | Pk | — | — |
| (C-41-16)34bda-S1 | Snow Spring / Ivins | 3,100 | Jn | 27 | 04-10-1996 |
| (C-41-17)5acd-S1 | Spring below Gunlock Reservoir | 3,540 | — | — | — |
| [4](C-41-18)2ddd-S1 | Pahcoon Spring | 3,760 | Jk | 2 | 06- -1970 |
| (C-42-14)1bcb-S1 | Berry Spring | 2,860 | QTb,Jn | 33 | 09- -1968 |
| (C-42-14)2bac-S1 | Quail Creek Reservoir Spring | 2,820 | Trm | — | — |
| (C-42-15)10a -S1 | Millcreek Spring | 2,920 | Jn | 1,070 | 12-13-1995 |
| (C-42-15)11cda-S1 | Paxman Spring / Washington City | 2,940 | Jk | 9 | 07- -1970 |
| (C-42-15)11dca-S1 | Westover Spring / Washington City | 2,980 | Jk | — | — |
| (C-42-15)11dcd-S1 | Washington City Springs | 2,940 | Jk | 175 | 12-15-1995 |
| (C-42-15)14bbc-S1 | Warm (Boiler) Spring | 2,820 | Jn | 368 | 04-12-1996 |
| | | | | 431 | 12-12-1995 |

Jn, Navajo Sandstone; Pk, Kaibab Formation; Jk, Kayenta Formation; Trm, Moenkopi Formation; Jm, undifferentiated Moenave Formation.

| Location | Specific conductance (µS/cm) | pH (standard units) | Water temperature (°C) | Date measured | Other data available |
|---|---|---|---|---|---|
| (C-38-13)35dcd-S1 | 440 | 7.5 | 9.5 | 10-27-1996 | C, I |
| (C-39-16)28dbb-S1 | 440 | 8 | 17 | 04-20-1960 | C |
| (C-40-13)35acd-S1 | 680 | 7.7 | 14.5 | 10-22-1996 | C, I |
| | 690 | — | 14.5 | 04-12-1996 | |
| (C-40-14)16dbc-S1 | 200 | 7.2 | 11 | 10-06-1986 | C |
| [1](C-40-15)4dda-S1 | 120 | 8.4 | — | 07-14-1980 | C |
| (C-40-15)10bbb-S1 | 340 | 8.3 | — | 07-14-1980 | C |
| (C-40-15)10cbd-S1 | 500 | 8.2 | — | 07-14-1980 | C |
| (C-40-15)14bab-S1 | 90 | 7.6 | 5.5 | 10-23-1996 | C, I |
| | 180 | 7 | 5.5 | 04-02-1985 | |
| [2](C-40-15)15cbd-S1 | 333 | 7.6 | 15.5 | 10-23-1996 | C, I |
| | 190 | 8.7 | 15.5 | 07-14-1980 | |
| (C-40-16)6dbc-S1 | — | 8.4 | 29.5 | 02-05-1986 | C |
| (C-40-16)36cda-S1 | 470 | 7.5 | 19.0 | 10-26-1996 | C, I |
| | 470 | 7.5 | 15 | 02-26-1986 | |
| (C-40-17)22bcd-S1 | 630 | 7.4 | — | 06-22-1968 | C |
| (C-41-13)5dbc-S1 | 445 | 7.6 | 16.5 | 03-01-1997 | |
| (C-41-13)11cad-S1 | 720 | 7.6 | 14.0 | 10-25-1996 | C, I |
| | 730 | — | 14.5 | 04-12-1996 | |
| [3](C-41-13)25cdb-S1 | 13,000 | 6.8 | 35.5 | 10-26-1996 | C |
| | 13,000 | 5.9 | 35.5 | 02-06-1986 | |
| (C-41-16)34bda-S1 | 345 | 7.8 | 20.0 | 10-27-1996 | C, I |
| | 345 | — | 17.0 | 04-10-1996 | |
| (C-41-17)5acd-S1 | 555 | 7.4 | 14.0 | 06-04-1997 | I |
| [4](C-41-18)2ddd-S1 | 650 | 7.8 | 15.0 | 10-24-1996 | C, I |
| (C-42-14)1bcb-S1 | 1,690 | 7.3 | 22.5 | 10-26-1996 | C, I |
| (C-42-14)2bac-S1 | 2,680 | 7.3 | 18.0 | 10-30-1996 | I |
| (C-42-15)10a-S1 | 1,300 | 8.2 | 26.5 | 12-13-1995 | C |
| (C-42-15)11cda-S1 | 420 | 7 | — | 12-06-1977 | C |
| (C-42-15)11dca-S1 | 440 | 7 | — | 12-13-1977 | C |
| (C-42-15)11dcd-S1 | 590 | — | 20.0 | 12-15-1995 | C |
| (C-42-15)14bbc-S1 | 500 | — | 20.5 | 04-12-1996 | C |
| | 500 | — | 22.5 | 12-12-1995 | |

**Table 3.** Records of selected springs, including discharge measurements and physical properties, in Washington County,

| Location | Spring name / Owner | Spring altitude | Formation (feet) | Discharge (gal/min) | Measurement date |
|---|---|---|---|---|---|
| [5](C-42-15)15bbd-S1 | Green Spring | 2,880 | Jn | 251 | 04-12-1996 |
| | | | | 229 | 12-12-1995 |
| (C-42-15)16ccd-S1 | Middleton Spring | 2,920 | Jk | 160 | 12-14-1995 |
| (C-42-15)16cdc-S1 | Heron Spring | 2,960 | Jk | 30 | 12-14-1995 |
| (C-42-15)16ddd-S1 | Huntington Spring | 2,880 | Jk | 60 | 12-14-1995 |
| (C-42-15)19cba-S1 | Cox (Main Street) Spring | 2,960 | Jk | 35 | 04-11-1996 |
| (C-42-15)19cdb-S1 | Watson Spring | 2,860 | Jk | 20 | 04-11-1996 |
| (C-42-15)20bdb-S1 | Trailer Court Spring | 3,000 | Jn | 6 | 11-19-1974 |
| (C-42-15)20cad-S1 | East City Spring | 2,870 | Jk | 240 | 04-11-1996 |
| (C-42-15)20ccc-S1 | Temple Spring | 2,840 | Jk | 50 | 04-11-1996 |
| (C-42-15)22ccb-S1 | — | 2,720 | Jm | — | — |
| (C-42-16)10adb-S1 | Beecham Spring / Santa Clara City | 2,980 | Jk | 6 | 04-10-1996 |
| | | | | 5 | 12-15-1995 |
| (C-42-16)11cbb-S1 | Gray Springs No. 1 and 2 / Santa Clara City | 2,960 | Jk | [7]3 | 04-10-1996 |
| | | | | [7]2 | 12-15-1995 |
| (C-42-16)11cbb-S3 | Gray Spring No. 3 / Santa Clara City | 2,960 | Jk | 21 | 04-10-1996 |
| (C-42-16)11dba-S1 | Miller Spring / Santa Clara City | 3,020 | Jk | 48 | 04-10-1996 |
| | | | | 60 | 12-15-1995 |
| (C-42-16)13dcb-S1 | West City Spring | 2,960 | Jn | 772 | 12-13-1995 |
| (C-42-16)14bab-S1 | Sheep Spring / Santa Clara City | 2,920 | Jk | 3 | 04-10-1996 |
| | | | | 3 | 12-15-1995 |
| (C-42-16)15abb-S1 | Ralph Hafen Spring | 2,790 | Jm | 103 | 04-11-1996 |

[1] Listed as (C-40-15)4ddc-S1 by Cordova (1972).
[2] Listed as (C-40-15)15ccd-S1 by Cordova (1972).
[3] Listed as (C-41-13)25cca by Budding and Sommer (1981).
[4] Listed as (C-41-18)2ddc by Budding and Sommer (1981).
[5] Listed as (C-42-15)15bba-S1 by Cordova.
[6] Temperature measured at outflow of storage tank.
[7] Combined discharge measurement from Gray Spring 1 and 2.

| Location | Specific conductance (µS/cm) | pH (standard units) | Water temperature (°C) | Date measured | Other data available |
|---|---|---|---|---|---|
| [5](C-42-15)15bbd-S1 | 2,220 | 7.0 | 22.5 | 10-22-1996 | C, I |
| | 2,040 | — | 21.0 | 04-12-1996 | |
| | 2,090 | — | 23.5 | 12-12-1995 | |
| (C-42-15)16ccd-S1 | 1,460 | — | 21.0 | 12-14-1995 | |
| (C-42-15)16cdc-S1 | 1,500 | — | 21.0 | 12-14-1995 | |
| (C-42-15)16ddd-S1 | 1,500 | 7.4 | 20.0 | 10-25-1996 | I |
| | 1,360 | — | 21.0 | 12-14-1995 | |
| (C-42-15)19cba-S1 | — | — | — | — | |
| (C-42-15)19cdb-S1 | — | — | — | — | |
| (C-42-15)20bdb-S1 | 1,310 | 7.4 | 20.0 | 06-04-1974 | C |
| (C-42-15)20cad-S1 | — | — | — | — | C |
| (C-42-15)20ccc-S1 | 1,330 | — | [6]19.0 | 04-11-1996 | |
| (C-42-15)22ccb-S1 | 1,320 | 8.2 | — | 04-01-1966 | C |
| (C-42-16)10adb-S1 | 470 | — | 17.5 | 04-10-1996 | C |
| | 470 | — | 21.0 | 12-15-1995 | |
| (C-42-16)11cbb-S1 | 610 | — | 17.5 | 04-10-1996 | C |
| | 640 | — | 20.5 | 12-15-1995 | |
| (C-42-16)11cbb-S3 | 580 | — | 17.5 | 04-10-1996 | C |
| | 600 | — | 20.0 | 12-15-1995 | |
| (C-42-16)11dba-S1 | 750 | 7.6 | 19.0 | 10-24-1996 | C, I |
| | 750 | — | 17.5 | 04-10-1996 | |
| | 765 | — | 19.5 | 12-15-1995 | |
| (C-42-16)13dcb-S1 | 940 | 7.4 | 19.0 | 10-25-1996 | C, I |
| | 940 | — | 21.0 | 12-13-1995 | |
| (C-42-16)14bab-S1 | 780 | — | 16.0 | 04-10-1996 | C |
| | 800 | — | 19.5 | 12-15-1995 | |
| (C-42-16)15abb-S1 | 4,450 | 7.3 | 14.0 | 10-30-1996 | C, I |
| | 3,080 | — | 16.0 | 04-11-1996 | |

**Table 4.** Physical properties and results of chemical analyses of water from selected wells, springs, and surface-water sites

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

Location: See figure 1 for an explanation of the numbering system used for hydrologic-data sites in Utah.
Formation: Tvip, Pine Valley igneous suite; Ks, undifferentiated Cretaceous Sandstone; Qtaf, alluvium; Qs, silt, sand, gravel; Pk, Kaibab of the Chinle Formation; Jmss, Springdale Sandstone member of the Moenave Formation; Jc, Carmel Formation; Trm, Moenkopi
Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius. Measured in the field.
pH: Measured in the field.
Water temperature: °C, degrees Celsius. Measured in the field.
Solids, dissolved: Sum of constituents.
Analyzing Agency: SUU, Southern Utah University; USGS, U.S. Geological Survey; UTHL, Utah State Health Laboratory; DEQ, Utah NEL; Nevada Environmental Laboratories.

| Location | Date sampled | Formation | Specific conductance (µS/cm) | pH (standard units) | Water temperature (°C) | Hardness, total (mg/L as $CaCO_3$) | Calcium, dissolved (mg/L as Ca) | Magnesium, dissolved (mg/L as Mg) | Sodium, dissolved (mg/L as Na) |
|---|---|---|---|---|---|---|---|---|---|
| (C-38-13)35aba-1 | 11-02-93 | Tvip | 360 | 7.3 | — | 177 | 55 | 10 | 10 |
| (C-38-13)35abb-1 | 08-11-93 | Tvip | 320 | 7.4 | — | 181 | 56 | 10 | 12 |
| (C-38-13)35dcd-S1 | 10-27-96 | Tvip | 440 | 7.5 | 9.5 | 200 | 52 | 18 | 16 |
| (C-38-13)36cdd-1 | 08-02-94 | Tvip | 400 | 7.9 | — | 202 | 56 | 15 | 19 |
| (C-39-16)28dbb-S1 | 04-20-60 | Ks | 440 | 8.0 | — | 190 | 55 | 12 | 21 |
| (C-40-13)2daa-1 | 02-20-64 | Qtaf | 540 | — | — | 270 | 64 | 27 | 16 |
| (C-40-13)22dcd-1 | 10-30-96 | Qs | 620 | 7.3 | 17.5 | 260 | 67 | 22 | 31 |
| (C-40-13)23aba-1 | 01-15-64 | Pk | 820 | — | — | 450 | 130 | 32 | 16 |
| [1](C-40-13)27bdb-1 | 02-26-86 | Qtaf | — | 7.8 | 18.5 | — | 88 | 27 | 18 |
| (C-40-13)28dcb-1 | 06-07-94 | Jn | 420 | 7.8 | — | 215 | 60 | 16 | 9 |
| (C-40-13)28dcb-2 | 01-21-97 | Jn | — | 7.9 | — | — | 49 | 15 | 7 |
| (C-40-13)31bcc-1 | 10-06-86 | Jk | 510 | 7.5 | 20.0 | 270 | 67 | 25 | 16 |
| (C-40-13)32dab-2 | 02-25-97 | Jm | 2,140 | 7.2 | 19 | — | 290 | 120 | 43 |
| (C-40-13)35acd-S1 | 02-06-86 | QTb | 490 | 7.7 | 16.5 | — | 74 | 31 | 21 |
| (C-40-14)16dbc-S1 | 10-06-86 | Qtaf | 200 | 7.2 | — | 118 | 35 | 7 | 5 |
| [2](C-40-15)4dda-S1 | 07-14-80 | Tvip | 120 | 8.4 | — | 50 | 14 | 4 | 5 |
| (C-40-15)10bbb-S1 | 07-14-80 | Tvip | 340 | 8.3 | — | 152 | 46 | 9 | 11 |
| (C-40-15)10cbd-S1 | 07-14-80 | Tvip | 500 | 8.2 | — | 244 | 69 | 18 | 11 |
| (C-40-15)14bab-S1 | 04-02-85 | Tvip | 180 | 7.0 | 5.5 | 85 | 24 | 6 | 8 |
| [3](C-40-15)15cbd-S1 | 07-14-80 | Tvip | 190 | 8.7 | 15.5 | 92 | 29 | 5 | 5 |
| (C-40-16)6dbc-S1 | 02-05-86 | QTb,Ks | — | 8.4 | 29.5 | — | 56 | 28 | 32 |
| (C-40-16)9adb-1 | 02-26-86 | Ks | — | 7.7 | 26.5 | — | 41 | 18 | 9 |
| (C-40-16)36cbd-1 | 01-28-93 | Ks | 580 | — | — | — | 59 | 29 | 20 |
| (C-40-16)36cda-S1 | 02-26-86 | Ks | 470 | 7.5 | 15.0 | — | 44 | 27 | 10 |
| [4](C-40-17)21dca-1 | 06-15-62 | Qs,Jn | 670 | — | — | 270 | 82 | 17 | 28 |
| (C-40-17)22bcd-S1 | 06-22-68 | Qs,Jn | 630 | 7.4 | — | 240 | 58 | 23 | 20 |
| [5](C-40-17)28bcc | 08-18-81 | — | 460 | 8.0 | 26.0 | — | 47 | 17 | 20 |
| | 05-04-81 | | 320 | 8.2 | 17.0 | — | 37 | 12 | 12 |
| (C-41-13)4bbc-1 | 01-10-75 | Jn | 530 | 7.7 | 11.0 | 220 | 54 | 21 | 26 |
| (C-41-13)5bbc-1 | 10-10-74 | Jn,Jk | 720 | — | 18.5 | 310 | 76 | 29 | 30 |
| (C-41-13)6aac-1 | 11-16-74 | Jk | 640 | 8.1 | 20.0 | 250 | 62 | 22 | 32 |
| (C-41-13)7ccb-1 | 05-05-70 | Qs | 800 | 7.9 | 13.5 | 440 | 68 | 65 | 16 |
| [6](C-41-13)8baa-1 | 02-28-86 | Jn,Jk | — | 7.7 | 18 | — | 74 | 31 | 32 |
| (C-41-13)11cad-S1 | 01-22-93 | QTb | 730 | 7.4 | 14.0 | 354 | 81 | 37 | 22 |
| (C-41-13)12cbb-1 | 05-21-57 | Trcs | — | 7.2 | — | 1,800 | 300 | 258 | 58 |
| (C-41-13)16bcd-1 | 03-25-70 | Jmss | 1,270 | 8.0 | 21.5 | 490 | 96 | 60 | 103 |
| [7](C-41-13)25cdb-S1 | 02-06-86 | Pk | 13,000 | 5.9 | 35.5 | — | 740 | 130 | 1,587 |
| (C-41-13)31acd-1 | 11-17-74 | Jn | 1,220 | 7.2 | 22.5 | 520 | 120 | 53 | 55 |
| (C-41-14)15ada-1 | 04-20-79 | Jk | 460 | 8.4 | — | 212 | 53 | 19 | 16 |
| [8](C-41-15)12baa | 10-30-96 | Jc | 3,090 | 7.8 | 14.0 | 2,100 | 580 | 170 | 40 |

Formation; Jn, Navajo Sandstone; Jk, Kayenta Formation; Jm, undifferentiated Moenave Formation; QTb, basalt; Trcs, Shinarump member Formation; Trcp, Petrified Forest member of the Chinle Formation.

Department of Environmental Quality; UGS, Utah Geological Survey, reported by Budding & Sommer (1986); FORD, Chemtec Ford;

| Location | Potassium, dissolved (mg/L as K) | Bicarbonate (mg/L as $HCO_3$) | Alkalinity (mg/L as $CaCO_3$) | Sulfate, dissolved (mg/L as $SO_4$) | Chloride, dissolved (mg/L as Cl) | Fluoride, dissolved (mg/L as Fl) | Silica, dissolved (mg/L as $SiO_2$) | Solids, dissolved (mg/L) | Nitrogen, dissolved $NO_2+NO_3$ (mg/L as N) | Analyzing agency |
|---|---|---|---|---|---|---|---|---|---|---|
| (C-38-13)35aba-1 | 1.0 | 206 | 168 | 7 | 7.9 | 0.12 | 36 | 212 | — | SUU/USGS |
| (C-38-13)35abb-1 | 1.4 | 209 | 172 | 5 | 6.9 | .15 | — | 240 | .19 | SUU |
| (C-38-13)35dcd-S1 | 1.4 | 270 | 221 | 6 | 12 | .20 | 45 | 262 | — | USGS |
| (C-38-13)36cdd-1 | 2.2 | 217 | 178 | 20 | 19 | .22 | — | 272 | .60 | SUU |
| (C-39-16)28dbb-S1 | 1.6 | 215 | 177 | 15 | 21 | .20 | 28 | 280 | .54 | USGS |
| (C-40-13)2daa-1 | 2.6 | 225 | 185 | 110 | 16 | .10 | 44 | 406 | .25 | Do. |
| (C-40-13)22dcd-1 | 1.7 | 348 | 286 | 28 | 11 | .10 | 40 | 370 | — | Do. |
| (C-40-13)23aba-1 | 2.8 | 220 | 179 | 260 | 18 | .50 | 24 | 633 | .04 | Do. |
| [1](C-40-13)27bdb-2 | 2.0 | 233 | — | 38 | 100 | .20 | 32 | 430 | — | UGS |
| (C-40-13)28dcb-1 | 1.2 | 230 | 189 | 11 | 12 | .16 | — | 228 | — | SUU |
| (C-40-13)28dcb-2 | 1.1 | 224 | 184 | 9 | 9 | .10 | 16 | 214 | .2 | UTHL |
| (C-40-13)31bcc-1 | 1.0 | 234 | 191 | 64 | 16 | .19 | 28 | 356 | .43 | DEQ |
| (C-40-13)32dab-2 | 4.9 | — | 133 | 1,100 | 90 | .20 | 14 | 1,860 | — | USGS |
| (C-40-13)35acd-S1 | 2.9 | 219 | — | 160 | 18 | .20 | 44 | 480 | — | UGS |
| (C-40-14)16dbc-S1 | 1.0 | 134 | 109 | 5 | 2 | .08 | 11 | 176 | .03 | DEQ |
| [2](C-40-15)4dda-S1 | <1.0 | 66 | 57 | 8 | 2 | .04 | 27 | 82 | .15 | Do. |
| (C-40-15)10bbb-S1 | 1.0 | 200 | 164 | 13 | 8 | .08 | 29 | 196 | .25 | Do. |
| (C-40-15)10cbd-S1 | 1.0 | 306 | 251 | 23 | 8 | .18 | 35 | 286 | 0 | Do. |
| (C-40-15)14bab-S1 | <1.0 | 90 | 74 | 21 | 3 | .05 | 21 | 115 | .37 | Do. |
| [3](C-40-15)15cbd-S1 | <1.0 | 112 | 95 | 1 | 2 | .08 | 25 | 124 | .25 | Do. |
| (C-40-16)6dbc-S1 | 3.8 | 245 | — | 86 | 30 | .34 | 38 | 408 | — | UGS |
| (C-40-16)9adb-1 | 3.0 | 199 | — | 17 | 13 | .30 | 25 | 210 | — | Do. |
| (C-40-16)36cbd-1 | 5.0 | 299 | 245 | 39 | 22 | .46 | — | 340 | <.01 | DEQ |
| (C-40-16)36cda-S1 | 4.0 | 261 | — | 24 | 15 | .30 | 17 | 258 | — | UGS |
| [4](C-40-17)21dca-1 | 4.1 | 270 | 222 | 51 | 33 | .60 | 25 | 412 | .27 | USGS |
| (C-40-17)22bcd-S1 | 4.0 | 200 | 164 | 88 | 30 | .40 | 19 | 326 | .02 | Do. |
| [5](C-40-17)28bcc | 3.5 | — | 170 | 21 | 23 | .20 | 37 | 272 | .28 | USGS |
| | 2.0 | — | 130 | 7 | 15 | .20 | 25 | 188 | <.10 | Do. |
| (C-41-13)4bbc-1 | 3.3 | 260 | 211 | 31 | 19 | .20 | 36 | 325 | 1.70 | Do. |
| (C-41-13)5bbc-1 | 2.6 | 250 | 203 | 120 | 39 | .10 | 23 | 443 | .30 | Do, |
| (C-41-13)6aac-1 | 2.7 | 260 | 215 | 48 | 34 | .30 | 22 | 361 | 2.00 | Do. |
| (C-41-13)7ccb-1 | 2.1 | 520 | 428 | 14 | 10 | .40 | 45 | 497 | .22 | Do. |
| [6](C-41-13)8baa-1 | 2.0 | 312 | — | 65 | 56 | .30 | 36 | 425 | — | UGS |
| (C-41-13)11cad-S1 | 2.0 | 254 | 208 | 181 | 16 | .22 | 36 | 522 | <.01 | DEQ |
| (C-41-13)12cbb-1 | — | 390 | 316 | 1,500 | 22 | 7.50 | 10 | 2,390 | .74 | USGS |
| (C-41-13)16bcd-1 | 4.5 | 250 | 205 | 380 | 74 | .70 | 24 | 998 | .38 | Do. |
| [7](C-41-13)25cdb-S1 | 120.0 | 1,104 | — | 1,802 | 2,250 | 2.70 | 27 | 7,388 | — | UGS |
| (C-41-13)31acd-1 | 7.9 | 110 | 92 | 460 | 51 | .20 | 4 | 806 | .03 | USGS |
| (C-41-14)15ada-1 | 5.0 | 226 | 189 | 43 | 10 | .52 | 16 | 275 | .40 | DEQ |
| [8](C-41-15)12baa | 7.5 | — | 217 | 1,900 | 180 | .90 | 33 | 3,180 | — | USGS |

**Table 4.** Physical properties and results of chemical analyses of water from selected wells, springs, and surface-water sites

| Location | Date sampled | Formation | Specific conductance (µS/cm) | pH (standard units) | Water temperature (°C) | Hardness, total (mg/L as $CaCO_3$) | Calcium, dissolved (mg/L as Ca) | Magnesium, dissolved (mg/L as Mg) | Sodium, dissolved (mg/L as Na) |
|---|---|---|---|---|---|---|---|---|---|
| (C-41-15)27add-1 | 07-06-88 | Jn | — | 8.2 | — | 284 | 100 | 8 | 9 |
| (C-41-15)27dda-1 | 07-06-88 | Jn | 450 | 8.2 | 19.5 | 240 | 94 | 1 | 8 |
| [9](C-41-15)32acd-1 | 03-14-74 | Jn | 2,230 | 8.3 | 43.5 | 250 | 63 | 23 | 350 |
| (C-41-15)34adb-1 | 08-17-88 | Jn | — | 7.5 | — | 204 | 78 | 2 | 8 |
| (C-41-15)35cda-1 | 11-09-89 | Jn | — | 7.8 | — | 240 | 52 | 22 | 9 |
| (C-41-15)36aad-1 | 10-29-96 | Jn | 375 | 6.8 | 21.0 | 185 | 44 | 17 | 11 |
| (C-41-16)4cbc-1 | 02-14-91 | Jn | 265 | 7.3 | — | 126 | 34 | 10 | 7 |
| (C-41-16)9bbd-1 | 08-23-89 | Jn | — | 6.8 | — | 124 | 24 | 8 | 5 |
| (C-41-16)9cba-1 | 07-06-88 | Jn | — | 7.7 | 20.0 | 82 | 26 | 4 | 7 |
| (C-41-16)16bbd-1 | 08-23-89 | Jn | 200 | 7.1 | 17.5 | 104 | 22 | 8 | 5 |
| (C-41-16)16cdb-1 | 04-02-85 | Jn | 190 | 7.0 | 18.0 | 78 | 20 | 7 | 7 |
| (C-41-16)21abb-1 | 06-08-88 | Jn | — | 8.0 | — | 110 | 44 | <1 | 7 |
| (C-41-16)23bba-2 | 11-15-89 | Jn | 900 | 7.9 | 23.5 | 228 | 70 | 13 | 110 |
| (C-41-16)34bda-S1 | 05-17-78 | Jn | 310 | 7.3 | 20.0 | 114 | 39 | 11 | 12 |
| (C-41-17)7ada-2 | 03-18-87 | Jn | 390 | 8.0 | — | 200 | 70 | 6 | 19 |
| (C-41-17)7ddb-1 | 04-02-85 | Jn | 740 | 7.1 | 18.0 | 409 | 114 | 30 | 16 |
| (C-41-17)8acc-1 | 02-24-97 | Jn | 430 | 7.4 | 11.5 | — | 59 | 11 | 10 |
| (C-41-17)8bad-1 | 07-06-88 | Jn | — | 7.8 | — | 238 | 95 | <1 | 17 |
| [10](C-41-17)8cda-1 | 02-27-86 | Jn | — | 7.6 | 17.0 | — | 69 | 14 | 17 |
| [11](C-41-17)8cdb-1 | 04-01-85 | Jn | 470 | 7.1 | 17.0 | 250 | 73 | 16 | 16 |
| (C-41-17)8dba-1 | 02-22-96 | Jn | 440 | 7.7 | — | 208 | 58 | 12 | 10 |
| (C-41-17)17bdb-1 | 08-23-89 | Jn | — | 7.3 | 17.0 | 266 | 74 | 18 | 14 |
| [5](C-41-17)28cba | 08-18-81 | — | 415 | 8.2 | 24.5 | — | 43 | 16 | 19 |
| | 05-04-82 | | 445 | 8.3 | 15.5 | — | 52 | 17 | '9 |
| | 08-23-82 | | 420 | 8.6 | 24.5 | — | 50 | 16 | 19 |
| (C-41-17)29aba-1 | 11-01-96 | Trcs | 4,560 | 7.6 | 21.5 | — | 93 | 59 | 720 |
| [12](C-41-18)2ddd-S1 | 02-07-86 | Jk | — | 7.5 | 15.0 | — | 57 | 27 | 25 |
| (C-42-13)6cad-1 | 09-16-89 | Jn | 800 | 7.9 | — | 373 | 90 | 36 | 29 |
| (C-42-13)7bba-1 | 11-17-74 | Jn | 1,420 | 7.5 | 21.5 | 550 | 140 | 48 | 90 |
| (C-42-13)7bba-3 | 10-30-96 | Jn | 1,720 | 7.3 | 22.0 | 730 | 180 | 69 | 75 |
| [13](C-42-13)7ccc-1 | 11-23-65 | Jn | 570 | 7.6 | — | 200 | 17 | 38 | 7 |
| (C-42-13)7cdb-1 | 03-25-86 | Jn | — | 7.7 | 20.0 | — | 46 | 27 | 37 |
| (C-42-13)30bdc-1 | 02-28-86 | Jn | — | 8.1 | 18.5 | — | 31 | 17 | 27 |
| (C-42-14)1bcb-S1 | 02-24-86 | QTb,Jk | — | 7.9 | 18.5 | — | 192 | 97 | 73 |
| [14](C-42-14)11aba-1 | 07-27-66 | QTb,Jk | 1,190 | 8.0 | — | 560 | 140 | 53 | 50 |
| (C-42-14)12ada-1 | 10-23-74 | Jn | 320 | — | 19.5 | 150 | 32 | 16 | 10 |
| (C-42-14)12dbd-1 | 03-25-86 | Jn | — | 7.9 | 18.0 | — | 37 | 23 | 17 |
| (C-42-14)12dda-1 | 05-21-74 | Jn | 320 | 7.9 | 19.5 | 150 | 33 | 16 | 9 |
| (C-42-14)14bcc-1 | 02-25-86 | Jn | — | 8.2 | 20.0 | — | 52 | 23 | 29 |
| (C-42-14)15aba-1 | 02-25-86 | Jm | — | 7.8 | 21.0 | — | 161 | 90 | 71 |
| (C-42-14)20abc-1 | 10-20-65 | Trm | 2,080 | 7.2 | — | 530 | 140 | 41 | 295 |
| (C-42-14)21ccb-1 | 10-04-65 | Trcs | 1,800 | 8.0 | — | 740 | 140 | 93 | 166 |
| (C-42-15)2bcb-1 | 11-11-80 | Jn | 390 | 8.0 | — | 186 | 48 | 16 | 8 |
| (C-42-15)3acd-1 | 11-09-89 | Jn | — | 7.7 | — | 128 | 79 | 23 | 6 |
| (C-42-15)3dda-1 | 05-19-89 | Jn | — | 7.9 | — | 248 | 66 | 20 | 8 |
| (C-42-15)6dcd-1 | 03-26-86 | Jn | — | 7.0 | 26.0 | — | 90 | 18 | 176 |
| [15](C-42-15)6dcd-2 | 04-02-85 | Jn | 1,350 | 6.6 | — | 320 | 100 | 17 | 161 |
| (C-42-15)10a -S1 | 07-06-88 | Jn | — | 8.2 | — | 240 | 106 | 1 | 130 |
| (C-42-15)10bcd-1 | 05-18-74 | Jn | 2,030 | 7.3 | 27.5 | 340 | 100 | 22 | 290 |

in Washington County, Utah—Continued

| Location | Potassium, dissolved (mg/L as K) | Bicarbonate (mg/L as $HCO_3$) | Alkalinity (mg/L as $CaCO_3$) | Sulfate, dissolved (mg/L as $SO_4$) | Chloride, dissolved (mg/L as Cl) | Fluoride, dissolved (mg/L as Fl) | Silica, dissolved (mg/L as $SiO_2$) | Solids, dissolved (mg/L) | Nitrogen, dissolved $NO_2+NO_3$ (mg/L as N) | Analyzing agency |
|---|---|---|---|---|---|---|---|---|---|---|
| (C-41-15)27add-1 | 2.0 | 204 | 167 | 108 | 16 | 0.19 | 14 | 355 | 0.47 | DEQ |
| (C-41-15)27dda-1 | 2.0 | 184 | 151 | 84 | 13 | .19 | 14 | 298 | .40 | Do. |
| [9](C-41-15)32acd-1 | 29.0 | 100 | 85 | 310 | 430 | 1.20 | 39 | 1,300 | .12 | USGS |
| (C-41-15)34adb-1 | 2.0 | 183 | 150 | 50 | 14 | .19 | 14 | 255 | .33 | DEQ |
| (C-41-15)35cda-1 | 2.0 | 177 | 145 | 80 | 7 | .23 | 14 | 264 | .66 | Do. |
| (C-41-15)36aad-1 | 1.9 | 212 | 174 | 28 | 7 | .30 | 11 | 236 | .32 | FORD |
| (C-41-16)4cbc-1 | 2.0 | 116 | 95 | 21 | 14 | .17 | 16 | 170 | 1.11 | DEQ |
| (C-41-16)9bbd-1 | 1.0 | 94 | 77 | 12 | 12 | .06 | 14 | 114 | .76 | Do. |
| (C-41-16)9cba-1 | 1.0 | 83 | 68 | 11 | 15 | .18 | 12 | 154 | .92 | Do. |
| (C-41-16)16bbd-1 | 1.0 | 94 | 77 | 13 | 11 | .06 | 12 | 110 | .56 | Do. |
| (C-41-16)16cdb-1 | 2.0 | 71 | 58 | 13 | 15 | .12 | 13 | 124 | 1.01 | Do. |
| (C-41-16)21abb-1 | 2.0 | 106 | 87 | 27 | 7 | .14 | 24 | 139 | .44 | Do. |
| (C-41-16)23bba-2 | 13.0 | 158 | 129 | 290 | 26 | 1.50 | 22 | 638 | .47 | Do. |
| [10](C-41-16)34bda-S1 | 1.0 | 112 | 92 | 62 | 20 | .64 | 14 | 204 | .80 | Do. |
| [11](C-41-17)7ada-2 | 4.0 | 215 | 176 | 36 | 22 | .40 | 10 | 265 | .70 | FORD |
| (C-41-17)7ddb-1 | 2.0 | 224 | 184 | 158 | 63 | .28 | 16 | 490 | .88 | DEQ |
| (C-41-17)8acc-1 | 1.7 | — | 201 | 23 | 10 | .20 | 18 | 263 | — | USGS |
| (C-41-17)8bad-1 | 2.0 | 255 | 209 | 35 | 20 | .19 | 27 | 394 | .26 | DEQ |
| (C-41-17)8cda-1 | 2.0 | 229 | — | 32 | 33 | .20 | 31 | 306 | — | UGS |
| (C-41-17)8cdb-1 | 1.8 | 232 | 191 | 66 | 18 | .30 | 20 | 304 | .60 | USGS |
| (C-41-17)8dba-1 | 2.0 | 243 | 200 | 27 | 11 | .20 | 10 | 256 | .18 | DEQ |
| (C-41-17)17bdb-1 | 2.0 | 245 | 201 | 60 | 17 | .15 | 18 | 302 | .49 | Do. |
| [5](C-41-17)28cba | 2.8 | — | 160 | 23 | 16 | .10 | 26 | 242 | .12 | USGS |
| | 2.9 | — | 180 | 35 | 22 | .30 | 26 | 282 | <.10 | Do. |
| | 3.0 | — | 159 | 78 | 25 | .20 | 26 | 312 | <.10 | Do. |
| (C-41-17)29aba-1 | 1.7 | 230 | 188 | 1,900 | 300 | .9 | 7.4 | 3,200 | — | NEL |
| [12](C-41-18)2ddd-S1 | 2.2 | 203 | — | 77 | 48 | .62 | 45 | 386 | — | UGS |
| (C-42-13)6cad-1 | 8.0 | 189 | 155 | 250 | 21 | .40 | 18 | 558 | .25 | DEQ |
| (C-42-13)7bba-1 | 5.2 | 150 | 121 | 440 | 96 | .30 | 18 | 916 | 1.30 | USGS |
| (C-42-13)7bba-3 | 9.5 | — | 161 | 650 | 96 | .20 | 14 | 1,310 | — | Do. |
| [13](C-42-13)7ccc-1 | 1.6 | 120 | — | 52 | 36 | 1.30 | — | 215 | .84 | Do. |
| (C-42-13)7cdb-1 | 2.0 | 154 | — | 106 | 44 | .30 | 15 | 382 | — | UGS |
| (C-42-13)30bdc-1 | 2.0 | 149 | — | 35 | 33 | .20 | 14 | 220 | — | DEQ |
| (C-42-14)1bcb-S1 | 12.0 | 196 | — | 768 | 81 | .40 | 26 | 1,490 | — | UGS |
| [14](C-42-14)11aba-1 | 6.2 | 170 | — | 450 | 51 | .60 | — | 832 | — | USGS |
| (C-42-14)12ada-1 | 1.7 | 112 | 92 | 49 | 6 | .50 | 15 | 193 | 1.70 | Do. |
| (C-42-14)12dbd-1 | 2.0 | 141 | — | 43 | 41 | .20 | 14 | 267 | — | UGS |
| (C-42-14)12dda-1 | 1.7 | 140 | 113 | 20 | 18 | .20 | 15 | 193 | 2.80 | USGS |
| (C-42-14)14bcc-1 | <1.0 | 154 | — | 62 | 68 | .30 | 15 | 318 | — | UGS |
| (C-42-14)15aba-1 | 8.0 | 202 | — | 636 | 86 | .30 | 23 | 1,284 | — | Do. |
| (C-42-14)20abc-1 | 18.0 | 280 | — | 430 | 330 | 1.50 | — | 1,400 | 1.17 | USGS |
| (C-42-14)21ccb-1 | 14.0 | 190 | — | 810 | 78 | 1.60 | — | 1,400 | — | Do. |
| (C-42-15)2bcb-1 | 2.0 | 136 | 112 | 82 | 7 | .22 | 15 | 252 | .25 | DEQ |
| (C-42-15)3acd-1 | 2.0 | 182 | 149 | 144 | 4 | .26 | 15 | 358 | .28 | UGS |
| (C-42-15)3dda-1 | 2.0 | 170 | 139 | 109 | 6 | .27 | 15 | 286 | .38 | DEQ |
| (C-42-15)6dcd-1 | 19.0 | 197 | — | 462 | 41 | 2.70 | 20 | 952 | — | UGS |
| [15](C-42-15)6dcd-2 | 16.0 | 209 | 171 | 440 | 42 | 2.40 | 16 | 935 | .23 | DEQ |
| (C-42-15)10a -S1 | 13.0 | 206 | 169 | 187 | 151 | .57 | 19 | 702 | .27 | DEQ |
| (C-42-15)10bcd-1 | 26.0 | 220 | 184 | 330 | 340 | 1.10 | 22 | 1,240 | .10 | USGS |

**Table 4.** Physical properties and results of chemical analyses of water from selected wells, springs, and surface-water sites

| Location | Date sampled | Formation | Specific conductance (μS/cm) | pH (standard units) | Water temperature (°C) | Hardness, total (mg/L as $CaCO_3$) | Calcium, dissolved (mg/L as Ca) | Magnesium, dissolved (mg/L as Mg) | Sodium, dissolved (mg/L as Na) |
|---|---|---|---|---|---|---|---|---|---|
| (C-42-15)11cda-S1 | 12-06-77 | Jk | 420 | 7.0 | — | 228 | 57 | 20 | 12 |
| (C-42-15)11dca-S1 | 12-13-77 | Jk | 440 | 7.0 | — | 236 | 58 | 22 | 12 |
| (C-42-15)11dcb-1 | 11-11-80 | Jk | 1,010 | 8.0 | — | 440 | 92 | 51 | 61 |
| (C-42-15)11dcd-S1 | 12-06-77 | Jk | 470 | 7.0 | — | 246 | 62 | 21 | 14 |
| (C-42-15)14bbc-S1 | 10-16-68 | Jn | 670 | 8.0 | 20.0 | 300 | 63 | 35 | 16 |
| (C-42-15)14dad-1 | 08-22-68 | Trcp | 1,610 | 8.2 | 20.0 | 560 | 92 | 81 | 200 |
| [16](C-42-15)15bbd-S1 | 02-06-86 | Jn | — | 7.0 | 23.0 | — | 104 | 23 | 274 |
| (C-42-15)19cac-1 | 10-11-68 | Jk | 1,850 | 7.8 | 18.0 | 660 | 160 | 63 | 210 |
| (C-42-15)20bdb-S1 | 06-04-74 | Jn | 1,310 | 7.4 | 20.0 | 350 | 99 | 24 | 150 |
| (C-42-15)20cad-S1 | 04-01-66 | Jn | 1,320 | 8.2 | — | 290 | 60 | 40 | 169 |
| (C-42-15)22ccb-1 | 10-10-68 | Jm | 1,430 | 7.9 | — | 400 | 84 | 45 | 140 |
| (C-42-15)22ccb-S1 | 04-01-66 | Jm | 1,320 | 8.2 | — | 310 | 60 | 40 | 169 |
| (C-42-15)29bca-1 | 03-27-86 | Jm | — | 7.2 | 18.5 | — | 433 | 138 | 285 |
| (C-42-15)30ada-1 | 10-15-68 | Jk | 1,250 | 7.9 | — | 390 | 72 | 51 | 110 |
| (C-42-15)30cbd-1 | 10-15-68 | Jm | 4,110 | 7.8 | 22.0 | 2,100 | 520 | 195 | 400 |
| (C-42-15)30dcd-2 | 10-15-68 | Trcp | 4,090 | 7.6 | 22.0 | 1,500 | 370 | 148 | 560 |
| (C-42-15)34dba-2 | 08-07-96 | Trcs,Trm | 4,730 | 6.8 | 18.5 | 2 | 540 | 160 | 460 |
| (C-42-16)1ccd-1 | 11-14-74 | Jn | 940 | 7.2 | 18.5 | 220 | 65 | 14 | 100 |
| (C-42-16)10adb-S1 | 02-14-91 | Jk | 460 | 7.7 | — | 168 | 41 | 16 | 34 |
| (C-42-16)11cbb-S1 | 06-28-88 | Jk | 760 | 8.1 | — | 246 | 59 | 24 | 62 |
| (C-42-16)11cbb-S2 | 02-14-91 | Jk | 600 | 7.7 | — | 199 | 50 | 18 | 52 |
| (C-42-16)11cbb-S3 | 02-14-91 | Jk | 570 | 8.0 | — | 190 | 48 | 17 | 49 |
| (C-42-16)11dba-S1 | 02-27-86 | Jk | — | 7.9 | 19.0 | — | 57 | 17 | 77 |
| (C-42-16)13ccd-1 | 03-25-86 | Jk | — | 7.7 | 15.0 | — | 80 | 18 | 15 |
| (C-42-16)13dcb-S1 | 01-21-74 | Jn | 1,060 | 8.1 | 20.0 | 290 | 78 | 23 | 120 |
| (C-42-16)14bab-S1 | 09-17-91 | Jk | 730 | 7.9 | 21.3 | — | 54 | 23 | 62 |
| (C-42-16)14daa-1 | 04-12-66 | Jk | 2,280 | 7.4 | — | 1,300 | 370 | 92 | 182 |
| (C-42-16)15abb-S1 | 10-30-96 | Jm | 4,450 | 7.3 | 14.0 | 2,000 | 470 | 210 | 370 |
| (C-42-16)22cdd-1 | 10-25-96 | Trcs | 1,750 | 6.9 | 15.0 | | 190 | 78 | 135 |
| (C-42-16)24bdd-1 | 03-27-86 | Jm | — | 7.7 | 18.0 | — | 470 | 123 | 271 |
| (C-43-13)21cca-1 | 02-27-86 | Jm | — | 7.6 | 17.0 | — | 447 | 170 | 83 |

[1] Listed as (C-40-13)27bac by Budding and Sommer (1986); listed as (C-40-13)27bdb-2 by Cordova (1978).
[2] Listed as (C-40-15)4ddc-S1 by Cordova (1972).
[3] Listed as (C-40-15)15ccb-S1 by Cordova (1972).
[4] Listed as (C-40-17)21ddb-1 by Cordova (1972).
[5] Santa Clara River surface-water site.
[6] Listed as (C-41-13)5ccd by Budding and Sommer (1986).
[7] Listed as (C-41-13)25cca by Budding and Sommer (1986).
[8] Bitter Creek surface-water site.
[9] Listed as (C-41-15)32aca-1 by Cordova (1974).
[10] Listed as (C-41-17)8bca-1 by Budding and Sommer (1986).
[11] Listed as (C-41-17)8cac-1 by Cordova (1978).
[12] Listed as (C-41-18)2ddc by Budding and Sommer (1986).
[13] Listed as (C-42-13)7cbb-1 by Cordova (1978).
[14] Listed as (C-42-14)11abd-1 by Cordova (1972).
[15] Listed as (C-42-15)6dcc-1 by Cordova (1978).
[16] Listed as (C-42-15)15bba-S1 by Cordova (1978).

in Washington County, Utah—Continued

| Location | Potassium, dissolved (mg/L as K) | Bicarbonate (mg/L as $HCO_3$) | Alkalinity (mg/L as $CaCO_3$) | Sulfate, dissolved (mg/L as $SO_4$) | Chloride, dissolved (mg/L as Cl) | Fluoride, dissolved (mg/L as Fl) | Silica, dissolved (mg/L as $SiO_2$) | Solids, dissolved (mg/L) | Nitrogen, dissolved $NO_2+NO_3$ (mg/L as N) | Analyzing agency |
|---|---|---|---|---|---|---|---|---|---|---|
| (C-42-15)11cda-S1 | 2.0 | 195 | 160 | 76 | 12 | 0.25 | 17 | 275 | 0.28 | Do. |
| (C-42-15)11dca-S1 | 3.0 | 200 | 164 | 82 | 10 | .25 | 16 | 286 | .26 | UGS |
| (C-42-15)11dcb-1 | 4.0 | 158 | 130 | 360 | 16 | .38 | 23 | 767 | 1.35 | DEQ |
| (C-42-15)11dcd-S1 | 2.0 | 200 | 164 | 98 | 12 | .26 | 16 | 308 | .30 | DEQ |
| (C-42-15)14bbc-S1 | — | 220 | 180 | 100 | 29 | — | 19 | 435 | 2.12 | USGS |
| (C-42-15)14dad-1 | — | 370 | 300 | 620 | 47 | — | 13 | 1,180 | .12 | Do. |
| [16](C-42-15)15bbd-S1 | 24.0 | 234 | — | 404 | 270 | 1.30 | 22 | 1,248 | — | UGS |
| (C-42-15)19cac-1 | — | 400 | 331 | 660 | 60 | — | 19 | 1,410 | 1.74 | USGS |
| (C-42-15)20bdb-S1 | 13.0 | 220 | 181 | 420 | 44 | 1.00 | 18 | 879 | .10 | Do. |
| (C-42-15)20cad-S1 | 16.0 | 201 | 165 | 456 | 48 | 1.9 | — | 889 | — | Do. |
| (C-42-15)22ccb-1 | — | 220 | 177 | 300 | 150 | — | 20 | 958 | .16 | Do. |
| (C-42-15)22ccb-S1 | 16.0 | 200 | 165 | 460 | 48 | 1.90 | — | 889 | — | Do. |
| (C-42-15)29bca-1 | 26.0 | 287 | — | 1,857 | 86 | .30 | 20 | 3,262 | — | UGS |
| (C-42-15)30ada-1 | — | 210 | 172 | 370 | 50 | — | 22 | 902 | .07 | USGS |
| (C-42-15)30cbd-1 | — | 390 | 318 | 2,300 | 120 | — | 96 | 4,030 | 17.80 | Do. |
| (C-42-15)30dcd-2 | — | 320 | 262 | 2,200 | 150 | — | 82 | 3,740 | 11.10 | Do. |
| (C-42-15)34dba-2 | 24.0 | 395 | 324 | 1,700 | 680 | .50 | 24 | 3,810 | 5.40 | Do. |
| (C-42-16)1ccd-1 | 10.0 | 170 | 141 | 260 | 27 | .60 | 15 | 579 | .71 | Do. |
| (C-42-16)10adb-S1 | 5.0 | 147 | 121 | 95 | 16 | .78 | 17 | 298 | .86 | UTHL |
| (C-42-16)11cbb-S1 | 6.0 | 169 | 138 | 200 | 30 | .72 | 17 | 522 | .09 | DEQ |
| (C-42-16)11cbb-S2 | 5.0 | 160 | 131 | 150 | 17 | .83 | 17 | 394 | .83 | UTHL |
| (C-41-16)11cbb-S3 | 5.0 | 154 | 126 | 140 | 23 | .83 | 17 | 438 | 1.03 | DEQ |
| (C-42-16)11dba-S1 | 8.0 | 170 | — | 202 | 30 | 1.10 | 18 | 500 | — | UGS |
| (C-42-16)13ccd-1 | 2.0 | 238 | — | 77 | 35 | .30 | 24 | 362 | — | Do. |
| (C-42-16)13dcb-S1 | 10.0 | 191 | 157 | 320 | 30 | .6 | 17 | 697 | .74 | USGS |
| (C-42-16)14bab-S1 | 6.4 | 172 | 141 | 172 | 28 | — | 19 | 464 | .79 | DEQ |
| (C-42-16)14daa-1 | 10.0 | 200 | 164 | 1,400 | 60 | .20 | 32 | 2,450 | .38 | USGS |
| (C-42-16)15abb-S1 | 10.0 | — | 151 | 2,400 | 260 | .60 | 29 | 4,190 | — | Do. |
| (C-42-16)22cdd-1 | 8.0 | 336 | 265 | 633 | 51 | .40 | 11 | 1,460 | .25 | FORD |
| (C-42-16)24bdd-1 | 17.0 | 253 | — | 1,886 | 85 | 1.70 | 17 | 3,226 | — | UGS |
| (C-43-13)21cca-1 | 10.0 | 96 | — | 1,768 | 30 | .70 | 20 | 2,742 | — | Do. |

**Table 5.** Results of chemical analyses for isotopes, chlorofluorocarbons, and dissolved gases in water from selected wells,

[mg/L, milligrams per liter; —, no data available]

Location: See figure 1 for an explanation of the numbering system used for hydrologic-data sites in Utah.
Formation: Tvip, Pine Valley igneous suite; Qs, silt, sand, gravel; Jk, Kayenta Formation; QTb, basalt; Ks, undifferentiated Cretaceous Chinle Formation; Trm, Moenkopi Formation; Jm, Moenave Formation; Trcp, Petrified Forest member of the Chinle Formation;
Specific conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius. Measured in the field.
pH: Measured in the field.
Water temperature: °C, degrees Celsius. Measured in the field.
$\delta^{87}Sr$: Strontium-87/strontium-86 isotope ratio, in permil.
Tritium, total: pCi/L, picocuries per liter.
$\delta^{18}O$: Oxygen-18/oxygen-16 stable isotope ratio, in permil.
δD: Hydrogen-2/hydrogen-1 stable isotope ratio, in permil.
CFC-11: Chlorofluorocarbon-11 ($CCl_2F$), pmole/kg, picomoles per kilogram.
CFC-12: Chlorofluorocarbon-12 ($CCl_2F_2$), pmole/kg, picomoles per kilogram.

| Location | Formation | Date sampled | Specific conductance (µS/cm) | pH (standard units) | Water temperature (°C) | Strontium (mg/L) | $\delta^{87}$ Sr (permil) | Tritium, total (pCi/L) | $\delta^{18}O$ (permil) |
|---|---|---|---|---|---|---|---|---|---|
| (C-38-13)35aba-1 | Tvip | 10-28-1996 | 370 | 7.1 | 11.0 | 0.18 | -1.03 | — | -13.19 |
| | | 06-05-1997 | 420 | 6.9 | 11.0 | — | — | — | — |
| (C-38-13)35dcd-S1 | Tvip | 10-27-1996 | 440 | 7.5 | 9.5 | — | — | — | -13.02 |
| (C-40-13)1cca-1 | Qs | 01-29-1997 | — | — | — | .58 | -1.58 | — | -12.60 |
| (C-40-13)22dcd-1 | Qs | 10-30-1996 | 620 | 7.3 | 17.5 | .24 | -.672 | — | -12.39 |
| (C-40-13)31bcc-1 | Jk | 10-26-1996 | 485 | 7.4 | 20.0 | .43 | -1.72 | — | -12.71 |
| (C-40-13)35acd-S1 | QTb | 10-22-1996 | 680 | 7.7 | 14.5 | .83 | -1.49 | — | -12.86 |
| | | 06-04-1997 | 710 | 7.6 | 15.5 | — | — | — | — |
| (C-40-15)14bab-S1 | Tvip | 10-23-1996 | 90 | 7.6 | 5.5 | .09 | -3.05 | — | -13.98 |
| [1](C-40-15)15cbd-S1 | Tvip | 10-23-1996 | 330 | 7.6 | 15.5 | — | — | — | -13.67 |
| [2](C-40-15)34dab | Ks | 10-31-1996 | — | — | — | 60.1 | 15.9 | — | |
| (C-40-16)36cda-S1 | Ks | 10-26-1996 | 470 | 7.5 | 19.0 | .21 | -.536 | — | -12.74 |
| (C-41-13)5dba-2 | Jn,Jk | 10-30-1996 | 730 | 7.6 | 19.0 | .25 | -.085 | — | -12.56 |

Sandstone; Jn, Navajo Sandstone; Jmss, Springdale Sandstone member of the Moenave Formation; Trcs, Shinarump member of the Jc, Carmel Formation.

| Location | δD (permil) | CFC-11 (pmole/kg) | CFC-12 (pmole/kg) | Dissolved gases | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Nitrogen (mg/L) | Argon (mg/L) | Oxygen (mg/L) | Carbon dioxide (mg/L) | Methane (mg/L) |
| (C-38-13)35aba-1 | -96.3 | 2.73 | 1.75 | 18.94 | 0.657 | 3.55 | 3.06 | <0.0001 |
| | | 2.74 | 2.09 | | | | | |
| | | 2.76 | 1.56 | | | | | |
| | | 2.52 | 1.86 | | | | | |
| | — | 2.24 | 1.76 | — | — | — | — | — |
| | | 2.32 | 1.37 | | | | | |
| | | 2.25 | 1.29 | | | | | |
| | | 2.27 | 1.24 | | | | | |
| (C-38-13)35dcd-S1 | -95.8 | — | — | — | — | — | — | — |
| (C-40-13)1cca-1 | -93.3 | — | — | — | — | — | — | — |
| (C-40-13)22dcd-1 | -90.9 | 1.07 | 1.37 | 24.77 | .717 | 6.62 | 29.21 | <.0001 |
| | | 1.15 | 1.00 | | | | | |
| | | 1.18 | .98 | | | | | |
| (C-40-13)31bcc-1 | -93.1 | .23 | .07 | — | — | — | — | — |
| | | .33 | .38 | | | | | |
| | | .01 | <.001 | | | | | |
| (C-40-13)35acd-S1 | -93.9 | 2.20 | 1.55 | — | — | — | — | — |
| | | 2.76 | 1.43 | | | | | |
| | | 2.29 | 1.19 | | | | | |
| | — | 2.07 | 1.27 | — | — | — | — | — |
| | | 2.19 | 1.39 | | | | | |
| | | 2.26 | 1.41 | | | | | |
| | | 2.22 | 1.64 | | | | | |
| (C-40-15)14bab-S1 | -99.1 | 3.59 | 2.23 | — | — | — | — | — |
| | | 2.52 | 2.37 | | | | | |
| | | 3.54 | 2.66 | | | | | |
| [1](C-40-15)15cbd-S1 | -98.7 | 2.09 | 1.52 | — | — | — | — | — |
| | | 2.09 | 1.68 | | | | | |
| | | 2.12 | 1.89 | | | | | |
| [2](C-40-15)34dab | — | — | — | — | — | — | — | — |
| (C-40-16)36cda-S1 | -93.0 | .73 | 1.11 | — | — | — | — | — |
| | | .01 | <.001 | | | | | |
| | | .07 | .01 | | | | | |
| (C-41-13)5dba-2 | -91.7 | .65 | .81 | — | — | — | — | — |
| | | .45 | .39 | | | | | |
| | | .72 | .80 | | | | | |

**Table 5.** Results of chemical analyses for isotopes, chloroflourocarbons, and dissolved gases in water from selected wells,

| Location | Formation | Date sampled | Specific conductance (µS/cm) | pH (standard units) | Water temperature (°C) | Strontium (mg/L) | $\delta^{87}Sr$ (permil) | Tritium, total (pCi/L) | $\delta^{18}O$ (permil) |
|---|---|---|---|---|---|---|---|---|---|
| (C-41-13)11cad-S1 | QTb | 10-25-1996 | 720 | 7.6 | 14.0 | — | — | — | -12.80 |
| (C-41-13)16bcd-1 | Jmss | 10-26-1996 | 900 | 7.4 | 21.0 | 1.02 | -.508 | — | -12.77 |
| [2](C-41-15)11bbb | Jc | 10-31-1996 | — | — | — | 165.6 | 3.54 | — | — |
| [3](C-41-15)12baa | — | 10-30-1996 | 3,090 | 7.8 | 14.0 | 7.94 | -2.40 | — | — |
| (C-41-15)27dda-1 | Jn | 10-23-1996 | 450 | 7.6 | 19.5 | .59 | -1.76 | — | -12.82 |
| (C-41-15)36aad-1 | Jn | 10-26-1996 | 375 | 7.6 | 21.0 | .27 | -.776 | — | -12.83 |
| (C-41-16)16bbd-1 | Jn | 10-24-1996 | 205 | 7.7 | 17.5 | .11 | 2.23 | — | -11.89 |
| (C-41-16)23bba-2 | Jn | 10-24-1996 | 910 | 7.3 | 23.5 | .99 | .296 | — | -13.55 |
| (C-41-16)34bda-S1 | Jn | 10-27-1996 | 345 | 7.8 | 20.0 | — | — | — | -12.28 |
| [4](C-41-17)5acd | — | [5]09-29-1997 | — | — | 15.0 | — | — | — | — |
| | | 10-07-1997 | 500 | 8.1 | 19.0 | — | — | — | — |
| (C-41-17)5acd-S1 | — | 06-04-1997 | 555 | 7.4 | 14.0 | — | — | — | — |
| [4](C-41-17)5dcc | — | [5]09-29-1997 | — | — | 15.0 | — | — | — | — |
| | | 10-07-1997 | 520 | 8.2 | 19.0 | — | — | — | — |
| (C-41-17)7ada-2 | Jn | 02-24-1997 | 500 | 7.5 | 18.0 | — | — | — | — |
| (C-41-17)7ddb-1 | Jn | 02-24-1997 | 720 | 7.3 | 18.0 | — | — | — | -12.80 |
| [4](C-41-17)8abc | — | 06-04-1997 | 480 | 8.2 | 12.5 | — | — | — | -11.53 |
| | | [5]09-29-1997 | — | — | 15.0 | — | — | — | — |

springs and surface-water sites in Washington County, Utah—Continued

| Location | δD (permil) | CFC-11 (pmole/kg) | CFC-12 (pmole/kg) | Dissolved gases | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Nitrogen (mg/L) | Argon (mg/L) | Oxygen (mg/L) | Carbon dioxide (mg/L) | Methane (mg/L) |
| (C-41-13)11cad-S1 | -92.7 | 3.52 | 2.33 | — | — | — | — | — |
| | | 3.10 | 1.45 | | | | | |
| | | 3.43 | 1.73 | | | | | |
| (C-41-13)16bcd-1 | -93.1 | .87 | .98 | — | — | — | — | — |
| | | .78 | .59 | | | | | |
| | | .90 | .60 | | | | | |
| [2](C-41-15)11bbb | — | — | — | — | — | — | — | — |
| [3](C-41-15)12baa | — | — | — | — | — | — | — | — |
| (C-41-15)27dda-1 | -93.7 | .10 | .02 | — | — | — | — | — |
| | | .60 | .02 | | | | | |
| (C-41-15)36aad-1 | -93.9 | .45 | .09 | — | — | — | — | — |
| | | .47 | .36 | | | | | |
| | | .69 | .93 | | | | | |
| (C-41-16)16bbd-1 | -89.9 | .36 | .60 | — | — | — | — | — |
| | | .33 | .45 | | | | | |
| | | 6.76 | 3.74 | | | | | |
| (C-41-16)23bba-2 | -99.5 | .05 | .01 | — | — | — | — | — |
| | | .06 | <.001 | | | | | |
| | | .08 | <.001 | | | | | |
| (C-41-16)34bda-S1 | -91.4 | — | — | — | — | — | — | — |
| [4](C-41-17)5acd | — | 1.92 | 1.02 | — | — | — | — | — |
| | | 2.56 | 1.35 | | | | | |
| | | 2.49 | 1.32 | | | | | |
| | — | 2.73 | 1.47 | — | — | — | — | — |
| | | 2.83 | 1.62 | | | | | |
| | | 2.98 | 1.61 | | | | | |
| (C-41-17)5acd-S1 | — | .12 | .33 | — | — | — | — | — |
| | | .07 | .28 | | | | | |
| | | .01 | .31 | | | | | |
| | | .10 | .31 | | | | | |
| [4](C-41-17)5dcc | — | 2.58 | 1.55 | — | — | — | — | — |
| | | 2.76 | 1.74 | | | | | |
| | | 2.12 | 1.75 | | | | | |
| | | 2.47 | 1.55 | | | | | |
| | — | 2.69 | 1.70 | — | — | — | — | — |
| | | 2.29 | 1.34 | | | | | |
| | | 2.25 | 1.19 | | | | | |
| (C-41-17)7ada-2 | — | .12 | .04 | — | — | — | — | — |
| | | <.001 | .05 | | | | | |
| | | .14 | .04 | | | | | |
| (C-41-17)7ddb-1 | -95.2 | .31 | .18 | — | — | — | — | — |
| | | .54 | .54 | | | | | |
| | | .48 | .55 | | | | | |
| [4](C-41-17)8abc | -88.3 | 3.28 | 2.10 | — | — | — | — | — |
| | | 3.27 | 2.08 | | | | | |
| | | 3.31 | 2.02 | | | | | |
| | | 3.41 | 2.07 | | | | | |
| | — | 4.31 | 2.06 | — | — | — | — | — |
| | | 4.95 | 2.33 | | | | | |
| | | 4.18 | 2.02 | | | | | |
| | | 3.78 | 1.70 | | | | | |

**Table 5.** Results of chemical analyses for isotopes, chloroflourocarbons, and dissolved gases in water from selected wells,

| Location | Formation | Date sampled | Specific conductance (μS/cm) | pH (standard units) | Water temperature (°C) | Strontium (mg/L) | $\delta^{87}Sr$ (permil) | Tritium, total (pCi/L) | $\delta^{18}O$ (permil) |
|---|---|---|---|---|---|---|---|---|---|
| [4](C-41-17)8abc—Continued | | 10-07-1997 | 500 | 8.2 | 19.0 | — | — | — | — |
| (C-41-17)8acc-1 | Jn | 02-24-1997 | 430 | 7.4 | 11.5 | — | — | — | — |
| (C-41-17)8bad-1 | Jn | 02-28-1997 | 498 | 7.4 | 17.0 | — | — | — | — |
| | | 06-05-1997 | 500 | 7.4 | 17.0 | — | — | — | — |
| [4](C-41-17)8bdc | — | [5]09-29-1997 | — | — | 15.0 | — | — | — | — |
| | | 10-07-1997 | 500 | 8.1 | 19.0 | — | — | — | — |
| (C-41-17)8cda-2 | Jn | 02-24-1997 | 614 | 7.4 | 12.0 | — | — | — | — |
| | | 06-05-1997 | 510 | 7.1 | 16.5 | — | — | — | — |
| (C-41-17)8dba-1 | Jn | 10-24-1996 | 445 | 7.5 | 17.0 | .41 | -1.04 | <2.5 | -13.31 |
| | | 06-06-1997 | 455 | 7.2 | 19.0 | — | — | — | — |
| (C-41-17)17bdb-1 | Jn | 02-28-1997 | 630 | 7.4 | 16.0 | — | — | — | — |
| | | 06-06-1997 | 590 | 7.2 | 18.0 | — | — | — | — |
| (C-41-17)29aba-1 | Trcs | 10-24-1996 | 2,850 | 7.6 | 21.5 | 1.46 | .169 | — | -13.87 |
| (C-41-18)2ddd-S1 | Jk | 10-24-1996 | 650 | 7.8 | 15.0 | — | — | — | -9.90 |
| (C-42-13)6bcc-1 | Jn | 10-30-1996 | 960 | 7.5 | 23.0 | 3.56 | -1.27 | — | — |
| (C-42-13)7bba-3 | Jn | 10-30-1996 | 1,720 | 7.3 | 22.0 | — | — | — | -12.69 |
| (C-42-13)30bdc-1 | Jn | 10-25-1996 | 400 | 7.8 | 17.0 | .17 | 1.25 | <2.5 | -11.03 |
| (C-42-14)1bcb-S1 | QTb,Jk | 10-26-1996 | 1,690 | 7.3 | 22.5 | 3.74 | -1.37 | — | -12.66 |
| (C-42-14)2bac-S1 | Trm | 10-30-1996 | 2,680 | 7.3 | 18.0 | — | — | — | -10.66 |
| (C-42-14)12dbb-3 | Jn | 10-25-1996 | 350 | 7.7 | 18.0 | — | — | — | -11.02 |
| (C-42-15)6dcd-1 | Jn | 10-23-1996 | 1,310 | 6.9 | 23.5 | 1.41 | .169 | — | -14.27 |
| (C-42-15)15bbd-S1 | Jn | 10-22-1996 | 2,220 | 7.0 | 22.5 | 1.92 | .367 | — | -14.68 |
| (C-42-15)16ddd-S1 | Jk | 10-25-1996 | 1,500 | 7.4 | 20.0 | 1.60 | .451 | — | -14.40 |
| (C-42-16)11dba-S1 | Jk | 10-24-1996 | 750 | 7.6 | 19.0 | — | — | — | -13.13 |
| (C-42-16)13dcb-S1 | Jn | 10-25-1996 | 940 | 7.4 | 19.0 | .60 | .099 | — | -13.60 |
| (C-42-16)15abb-S1 | Jm | 10-30-1996 | 4,450 | 7.3 | 14.0 | 9.06 | -.352 | — | -10.98 |
| (C-42-16)22cdd-1 | Trcp | 10-24-1996 | 1,790 | 7.2 | 15.0 | 2.53 | -.761 | — | -12.77 |

[1]Listed as (C-40-15)15ccb-S1 by Cordova (1972).
[2] Water rock dissolution from collected rock outcrop.
[3] Bitter Creek surface-water site.
[4] Santa Clara River surface-water site.
[5] Samples collected when discharge from the Gunlock Reservoir valve was shut off; only about $ft^3/s$ flow was leaking through closed valve.

springs and surface-water sites in Washington County, Utah—Continued

| Location | δD (permil) | CFC-11 (pmole/kg) | CFC-12 (pmole/kg) | Dissolved gases | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | Nitrogen (mg/L) | Argon (mg/L) | Oxygen (mg/L) | Carbon dioxide (mg/L) | Methane (mg/L) |
| [4](C-41-17)8abc—Continued | — | 2.31 | 1.22 | 15.27 | .575 | 3.37 | 5.36 | .0004 |
| | | 2.32 | 1.30 | | | | | |
| | | 2.36 | 1.24 | | | | | |
| | | 2.40 | 1.26 | | | | | |
| (C-41-17)8acc-1 | — | .08 | .06 | — | — | — | — | — |
| | | .08 | .20 | | | | | |
| | | .05 | .08 | | | | | |
| (C-41-17)8bad-1 | — | 0.72 | 1.14 | — | — | — | — | — |
| | — | 1.43 | 1.11 | 20.27 | .671 | 2.95 | 16.99 | <.0001 |
| [4](C-41-17)8bdc | — | 3.29 | 1.41 | — | — | — | — | — |
| | | 2.96 | 1.75 | | | | | |
| | | 2.95 | 1.66 | | | | | |
| | | 2.89 | 1.73 | | | | | |
| | — | 2.26 | 1.25 | — | — | — | — | — |
| | | 2.07 | 1.14 | | | | | |
| | | 2.09 | 1.17 | | | | | |
| (C-41-17)8cda-2 | | .29 | .42 | — | — | — | — | — |
| | — | .78 | 1.15 | 20.82 | .684 | 1.32 | 18.65 | <.0001 |
| (C-41-17)8dba-1 | -98.1 | .19 | .01 | — | — | — | — | — |
| | — | .06 | .03 | 18.76 | .652 | 2.99 | 16.92 | <.0001 |
| (C-41-17)17bdb-1 | — | .29 | .56 | 18.33 | .643 | 2.97 | 18.95 | <.0001 |
| | — | — | — | — | — | — | — | — |
| (C-41-17)29aba-1 | -104.0 | .04 | .00 | — | — | — | — | — |
| (C-41-18)2ddd-S1 | -81.5 | — | — | — | — | — | — | — |
| (C-42-13)6bcc-1 | — | — | — | — | — | — | — | — |
| (C-42-13)7bba- 3 | -95.7 | .51 | .17 | — | — | — | — | — |
| (C-42-13)30bdc-1 | -83.4 | .69 | .37 | — | — | — | — | — |
| (C-42-14)1bcb-S1 | -94.7 | 2.07 | 1.66 | — | — | — | — | — |
| (C-42-14)2bac-S1 | -84.0 | — | — | — | — | — | — | — |
| (C-42-14)12dbb-3 | -82.1 | .20 | .37 | — | — | — | — | — |
| (C-42-15)6dcd-1 | -107.4 | .11 | .10 | — | — | — | — | — |
| (C-42-15)15bbd-S1 | -109.7 | .32 | .34 | — | — | — | — | — |
| (C-42-15)16ddd-S1 | -107.5 | .74 | .94 | — | — | — | — | — |
| (C-42-16)11dba-S1 | -98.6 | — | — | — | — | — | — | — |
| (C-42-16)13dcb-S1 | -100.2 | .26 | .04 | — | — | — | — | — |
| (C-42-16)15abb-S1 | -84.5 | — | — | — | — | — | — | — |
| (C-42-16)22cdd-1 | -94.3 | .08 | .03 | — | — | — | — | — |

**Table 6.** Measurements of discharge, temperature, specific conductance, and pH of water from selected streams in Washington and Iron Counties, Utah

[ —, no data available]

Location: See figure 1 for an explanation of the numbering system used for hydrologic-data sites in Utah.
Description of site: LDS, Church of Jesus Christ of Latter-Day Saints; Jc, Carmel Formation; Jn, Navajo Sandstone; Tc, Claron Formation; Qtaf, alluvium; USGS, U.S. Geological Survey; Jk, Kayenta Formation; Jm, Moenave Formation.
Discharge: $ft^3/s$, cubic feet per second.
Specific Conductance: µS/cm, microsiemens per centimeter at 25 degrees Celsius. Measured in the field.
pH: Measured in the field.
Water temperature: °C, degrees Celsius.
Other data available: C, chemical analyses in table 4; I, chemical analyses for isotopes, chlorofluorocarbons, and for dissolved gases in table 5.

| Location | Description of site | Date of measurement | Discharge ($ft^3/s$) | Specific conductance (µS/cm) | pH (standard) units) | Water temperature (°C) | Other data available |
|---|---|---|---|---|---|---|---|
| | | **Upper Ash Creek Basin** | | | | | |
| (C-37-12)35bda | Kanarra Creek at Hurricane Fault | 10-12-1995 | 3.38 | — | — | 11.5 | — |
| (C-38-12)3adc | Spring Creek at Hurricane Fault | 10-13-1995 | .063 | 780 | — | 10.5 | — |
| (C-38-12)10cbb | Camp Creek at Hurricane Fault | 10-13-1995 | .057 | 2,150 | — | 6.0 | — |
| (C-38-12)29aac | Taylor Creek at waterfall | 10-12-1995 | .280 | 1,360 | — | 10.5 | — |
| (C-38-12)29bda | Taylor Creek just west of Interstate Highway 15 | 10-12-1995 | .170 | — | — | 16.5 | — |
| (C-38-12)30ada | Taylor Creek 0.75 mile west of Interstate Highway 15 | 10-12-1995 | .013 | 1,380 | — | 19.0 | — |
| (C-38-13)22cbb | Ash Creek just south of New Harmony | 10-10-1995 | .553 | 340 | — | 13.0 | — |
| (C-38-13)27aac | Ash Creek above diversion structure | 10-10-1995 | 1.52 | 435 | — | 12.0 | — |
| (C-38-13)27aad | Ash Creek below diversion structure | 10-10-1995 | .09 | — | — | — | — |
| (C-38-13)26cac | Ash Creek near McDonald's House | 10-10-1995 | 1.05 | 520 | — | 15.0 | — |
| (C-38-13)35abd | Ash Creek near LDS wells in Section 35 | 10-10-1995 | .444 | 470 | — | — | — |
| (C-38-13)36ccb | Ash Creek above Sawyer Canyon drainage | 10-11-1995 | .238 | 510 | — | 10.0 | — |
| (C-38-13)36cca | Sawyer Canyon drainage above confluence with Ash Creek | 10-11-1995 | 1.56 | 480 | — | 12.0 | — |
| (C-39-12)6bbb | Kanarra Creek at Mountain Springs Subdivision bridge | 10-11-1995 | .357 | 2,500 | — | 16.0 | — |
| (C-39-13)1add | Kanarra Creek above confluence with Ash Creek | 10-11-1995 | .280 | — | — | 16.0 | — |
| (C-39-13)6bcc | Ash Creek below confluence with Kanarra Creek | 10-11-1995 | 1.57 | 840 | — | 11.5 | — |
| (C-39-13)6cca | Ash Creek above inflow to Ash Creek Reservoir | 10-11-1995 | 1.39 | 830 | — | 16.0 | — |
| | | **South Ash Creek Basin** | | | | | |
| (C-39-13)29dcc | South Ash Creek at Jc/Jn contact | 10-09-1995 | 3.58 | 165 | 8.3 | 7.0 | — |
| (C-40-13)3abc | South Ash Creek at Jn/Tc contact | 10-09-1995 | 2.20 | 160 | 8.4 | 9.0 | — |
| | | **Wet Sandy Creek Basin** | | | | | |
| (C-40-13)17acd | Wet Sandy along Jc/Jn contact | 10-06-1995 | 1.0 | 300 | 8.4 | 11.5 | — |
| (C-40-13)21bba | Wet Sandy along Jn/Qtaf contact | 10-06-1995 | .63 | 295 | 8.6 | 12.0 | — |
| | | **Leeds Creek Basin** | | | | | |
| (C-40-14)26acc | Leeds Creek along Jc/Jn contact | 10-07-1995 | 6.65 | 260 | 8.4 | 8.5 | — |
| | | 12-07-1995 | 4.99 | 285 | 8.4 | 6.0 | — |
| (C-40-14)36adc | Leeds Creek at USGS Gage | 12-07-1995 | 5.09 | — | — | — | — |
| (C-40-14)36add | Leeds Creek along Jn/Jk contact | 10-07-1995 | 7.28 | 265 | 8.4 | 7.0 | — |
| | | 12-07-1995 | 5.27 | 285 | 8.4 | 5.0 | — |
| | | **Quail Creek Basin** | | | | | |
| (C-40-14)34ccb | Quail Creek along Jc/Jn contact | 10-24-1995 | .027 | 2,210 | 7.9 | — | — |
| (C-41-14)4aba | Water Canyon along Jc/Jn contact | 10-24-1995 | .51 | 690 | 7.8 | 11.0 | — |
| (C-41-14)15aba | Quail Creek at Jn/Jk contact | 10-24-1995 | .345 | 790 | 8.6 | 7.5 | — |
| | | **Cottonwood Creek Basin** | | | | | |
| (C-41-15)12baa | Bitter Creek along Jc/Jn contact | 10-08-1995 | .09 | — | 8.0 | 17.0 | C, I |
| (C-41-14)5ddc | Heath Wash along Jc/Jn contact | 10-08-1995 | .38 | 540 | 8.6 | 13.0 | — |

**Table 6.** Measurements of discharge, temperature, specific conductance, and pH of water from selected streams in Washington and Iron Counties, Utah—Continued

| Location | Description of site | Date of measurement | Discharge ($ft^3/s$) | Specific conductance ($\mu S/cm$) | pH (standard) units) | Water temperature (°C) | Other data available |
|---|---|---|---|---|---|---|---|
| | | **Santa Clara River Basin** | | | | | |
| (C-40-17)28bcc | Santa Clara River at Town of Gunlock | 08-18-1981 | 2.0 | 460 | 8.0 | 26.0 | C |
| (C-41-17)5acd | Santa Clara River at hydropower plant | 12-06-1995 | 18.8 | 385 | 8.2 | 9.5 | I |
| | 0.11 mile below Gunlock Reservoir dam | 10-07-1997 | — | 500 | 8.1 | 19.0 | |
| (C-41-17)5dba | Santa Clara River 0.21 mile below dam | 02-15-1996 | .78 | — | — | — | — |
| | | 06-25-1996 | 22.4 | — | — | — | |
| (C-41-17)5dcc | Santa Clara River 0.62 mile below dam | 10-07-1997 | — | 520 | 8.2 | 19.0 | I |
| (C-41-17)8abc | Santa Clara River 0.96 mile below dam | 02-15-1996 | .862 | — | — | — | I |
| | near Well 5 | 06-25-1996 | 21.6 | — | — | — | |
| | | 06-04-1997 | — | 480 | 8.2 | 12.5 | |
| | | 10-07-1997 | — | 500 | 8.2 | 19.0 | |
| (C-41-17)8bdc | Santa Clara River 1.23 miles below dam | 10-07-1997 | — | 500 | 8.1 | 19.0 | I |
| (C-41-17)8bdd | Santa Clara River 1.24 miles below dam | 02-15-1996 | .54 | — | — | — | — |
| | near Well 7 | 06-25-1996 | 19.1 | — | — | — | |
| (C-41-17)8dca | Santa Clara River 1.54 miles below dam | 02-15-1996 | .334 | — | — | — | — |
| | near Well 8 | 06-25-1996 | 19.2 | — | — | — | |
| (C-41-17)17abc | Santa Clara River 1.85 miles below dam | 02-15-1996 | 0 | — | — | — | — |
| | | 06-25-1996 | 18.6 | — | — | — | |
| (C-41-17)17bdd | Santa Clara River 2.17 miles below dam | 02-15-1996 | 0 | — | — | — | — |
| | | 06-25-1996 | 16.7 | — | — | — | |
| (C-41-17)17dbb | Santa Clara River 2.26 miles below dam | 02-15-1996 | 0 | — | — | — | — |
| | | 06-25-1996 | 16.3 | — | — | — | |
| (C-41-17)17dac | Santa Clara River 2.56 miles below dam | 02-15-1996 | .141 | — | — | — | — |
| | along Jn/Jk contact | 06-25-1996 | 17.2 | — | — | — | |
| (C-41-17)17dca | Santa Clara River 0.2 mile north of Shivwits Reservation boundary | 12-06-1995 | 14.7 | 390 | 8.4 | 11.5 | — |
| (C-41-17)20acb | Santa Clara River 3.57 miles below dam | 02-15-1996 | .346 | — | — | — | — |
| | | 06-25-1996 | 17.3 | — | — | — | |
| (C-41-17)29aba | Santa Clara River 3.76 miles below dam | 02-15-1996 | .354 | — | — | — | — |
| | along Jk/Jm contact | 06-25-1996 | 16.8 | — | — | — | |
| (C-41-17)28bca | Diversion ditch upstream from Windsor dam | 02-15-1996 | 0 | — | — | — | — |
| | | 06-25-1996 | 3.34 | — | — | — | |
| (C-41-17)28cba | Santa Clara River at USGS gage | 02-15-1996 | .516 | — | — | — | C |
| | | 06-25-1996 | 13.0 | — | — | — | |